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ILLUSTRATED PARTS BREAKDOWN

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HOW T.C.T.O.'S AFFECT MAINTENANCE MANUALS

The following information is to help acquaint you with how Time Compliance Technical Orders (T.C.T.O.'s) affect the Maintenance Manual. T.C.T.O.'s are written for airplane improvement, and most of them affect the Maintenance Manual. T.C.T.O.'s that do not affect manual procedures are not mentioned. When one is issued that changes or modifies a system or part, this information together with the old information is included in the manual, and is coded for the airplanes affected.

Both groups of information are kept in the manual until the T.C.T.O. is rescinded. This time span is usually 2 years; in this time, all airplanes should be changed to conform to the T.C.T.O. When the T.C.T.O. is rescinded, the information considered the older information, or information not conforming to the T.C.T.O., is removed. This leaves only the latest information in the manual. The coding for the newer information, or for information conforming to the T.C.T.O. is also removed.

T.C.T.O. IDENTIFICATION

Pertinent maintenance instructions resulting from the following T.C.T.O.'s are included in this manual.

This is not a complete T.O. listing and does not include rescinded T.C.T.O.'s. Refer to T.O. 0-1-1-4 for complete listing of T.C.T.O.'s for these airplanes.

T.O. NUMBER	SUBJECT
1F-86F-544	Structural Modification of Wings F-86F Aircraft
1F-86-600	Modernization of Egress System F-86F

SECTION I

INTRODUCTION

This Illustrated Parts Breakdown is applicable to the USAF Model F-86F Airplanes, Manufactured by North American Aviation, Inc. of Los Angeles, California and Columbus, Ohio.

The Catalog is divided into four sections:

Section I	Introduction
Section II	Group Assembly Parts List
Section III	Numerical Index
Section IV	Reference Designation Index

NOTE: In order to expedite the delivery of spare parts, the airplane model, serial number, part number and title should be supplied when requesting parts. The exact position, function and other pertinent data contributing to the adequate definition of parts, if supplied with the requisition, may well avoid costly delay in procurement.

Supplementary information of the operation, repair, inspection may be found in the following publications:

T. O. 1F-86F-01	Handbook of Applicable Publications
T. O. 1F-86F-1	Handbook of Flight Operating Instructions
T. O. 1F-86F-2	Handbook of Maintenance Instructions
T. O. 1F-86F-3	Handbook of Structural Repair
T. O. 1F-86F-6	Handbook of Inspection Requirements

CODING EXPLANATION

"Useable On" codes are used throughout this book to indicate the USAF Serial Numbers of the airplanes on which various parts are useable. When no "Useable On" code is listed after a part, such part is useable on all F-86F Airplanes.

"Useable On" codes are explained at the end of the listing on which they appear and apply to that individual listing only.

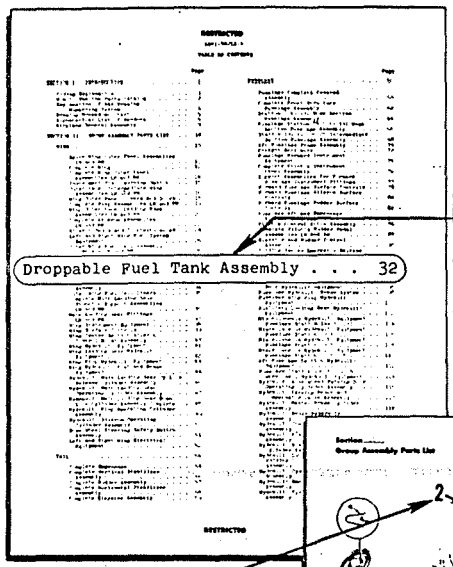
Example - The "Useable On" code "A" appears opposite a part indicating that useage of such part is limited to only certain F-86F Airplanes. Look at the end of the listing for the foot-note "A" which will give the USAF Serial Numbers of the F-86F Airplane on which this part can be used.

Parts coded A, D are used on airplanes coded "A" and "D" only. The following USAF serial numbers listed below with their respective block designations are those assigned to F-86F Airplanes.

Block Number	NAA Model	NAA Plant	NAA Sequence	USAF Model	USAF Serial Numbers
F-86F-1	NA-172	Los Angeles	1 thru 78	F-86F	51-2850 thru 51-2927
F-86F-5	NA-172	Los Angeles	79 thru 94	F-86F	51-2928 thru 51-2943
F-86F-10	NA-172	Los Angeles	95 thru 128	F-86F	51-12936 thru 51-12969
F-86F-15	NA-172	Los Angeles	129 thru 135	F-86F	51-12970 thru 51-12976
F-86F-20	NA-176	Columbus	1 thru 100	F-86F	51-13070 thru 51-13169
F-86F-25	NA-176	Columbus	101 thru 441	F-86F	51-13170 thru 51-13510 and
	NA-193	Columbus	442 thru 700	F-86F	52-5272 thru 52-5530
F-86F-30 } RF-86F-30 }	NA-191	Los Angeles	229 thru 1087	F-86F	52-4305 thru 52-5163
F-86F-35	NA-191	Los Angeles	1088 thru 1195	F-86F	52-5164 thru 52-5271
	NA-202	Los Angeles	1196 thru 1352	F-86F	53-1072 thru 53-1228
F-86F-40	NA-227	Los Angeles	1353 thru 1567	F-86F	55-3816 thru 55-4030
F-86F-40	NA-227	Los Angeles	1568 thru 1632	F-86F	55-4983 thru 55-5047

HOW TO USE THE PARTS CATALOG

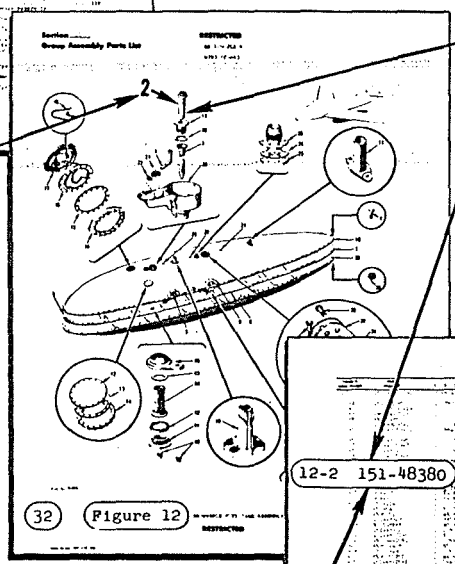
HOW TO FIND A PART—when the Part Number is not known



1. Determine the location of the part in relation to the major groups of the airplane: Wing, Tail, Fuselage, Alighting Gear, Power Plant and Engine Section, and Loose Equipment.

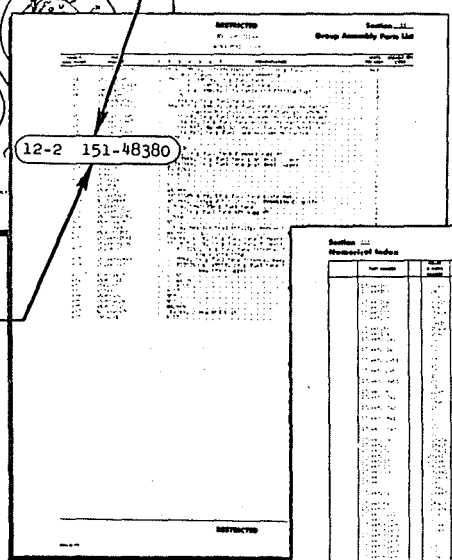
2. Turn to the Table of Contents. Under each of the major group headings will be found a list of all illustrations comprising that group. From this list select the illustration most likely to contain the desired part or Consult one of the Complete System Installation Drawings which appear as the last pages of Section II. These illustrations show complete functional systems (Fuel, Hydraulic, Electrical, etc.) and serve as a visual index to the equipment throughout the catalog.

3. Refer to the page number indicated and find desired part on illustration.

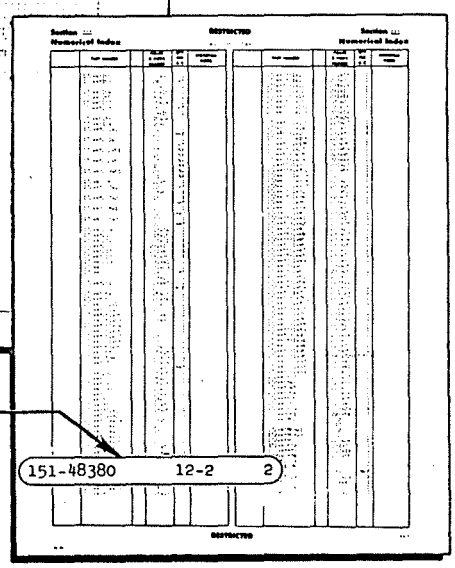


3. If illustration of part is desired—refer to same Figure and Index Number on accompanying illustration.

4. Note the Figure Number of the illustration and the Index Number of the part. Refer to the corresponding Figure Index Number on the Assembly List page for Part Number, Nomenclature, etc.



2. Turn to Figure and Index Number indicated to obtain desired information.



—when the Part Number is known

1. Find the Part Number in the Numerical Parts List. Note the Figure and Index Number where the part is called out in Group Assembly Parts List.

SECTION II—GROUP ASSEMBLY PARTS LIST illustrates and lists parts which are stocked or likely to be stocked or being capable of replacement. Parts which have lost their individual identity as a result of being fabricated into a permanent assembly are not listed. The listing of parts in this catalog shall not be construed to mean that all parts have been procured and are in stock or spares. Whether or not a part [illegible] considered as a replacement part shall be determined from Air Force Stock lists.

1 FIGURE NUMBER of corresponding illustration.

2 INDEX NUMBER of part on illustration.

3 PART NUMBER—for explanation of North American Aviation drawing numbering system, see drawing breakdown chart in introduction section.

4 NP indicates an installation drawing which is a Non-Procurable item.

5 When LEFT AND RIGHT-HAND PARTS are listed together under one index number, the left-hand parts are shown on the illustrations.

6 ATTACHING PARTS are listed immediately after the item being attached and preceding any components of the item.

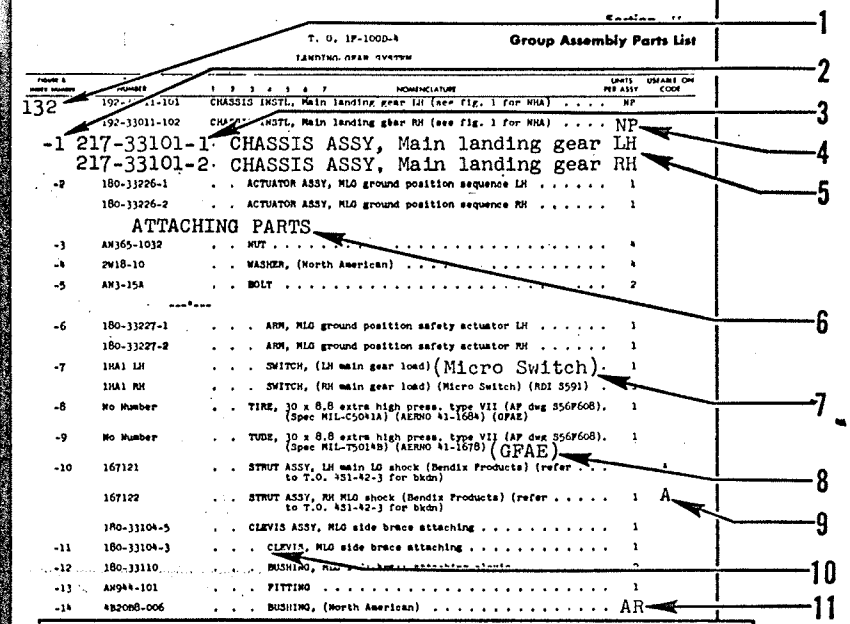
7 VENDORS' NAME shown after title—for complete firm name and address, see alphabetical list of Vendors.

8 (GFAE) indicates Government-furnished property. No detail breakdown is listed for these parts.

9 USEABLE CODES—shown here—for explanation see introduction page.

10 INDENTURE of titles indicate the relationship of parts to the next assembly. For example, the items shown here in column 4 are the component parts of 180-33104-5 Clevis Assembly.

11 AR indicates "As Required."



SECTION III—NUMERICAL INDEX is the index for the catalog listing all part numbers called for in Section II.

12 COMMERCIAL PARTS and parts for which no part number is available are listed at the beginning of the Numerical Parts List in alphabetical order.

13 For STANDARD PARTS, including the Contractor's standards, only one figure and index number is listed.

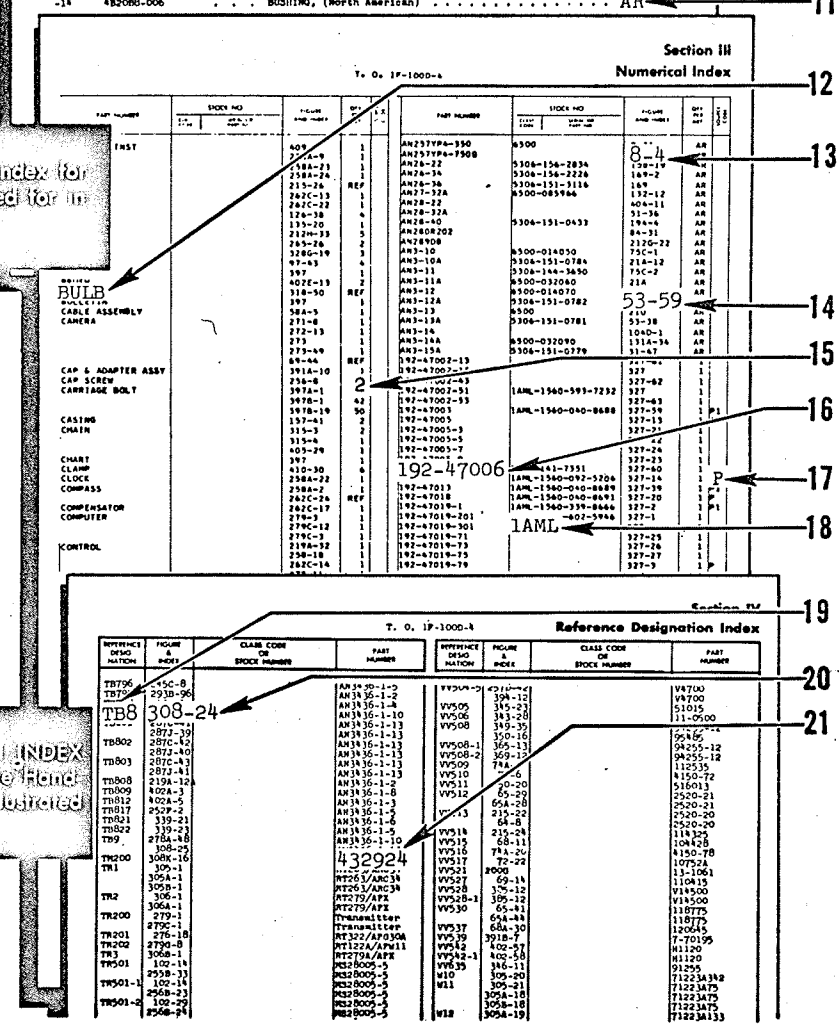
14 FIGURE AND INDEX NUMBER where parts are illustrated and listed.

15 The QUANTITY PER A/C summarizes the callouts in Section II and is not necessarily total quantity per airplane.

16 The NUMERICAL ARRANGEMENT is in accordance with Specification MIL-B-5005A.

17 SOURCE CODE as supplied by Air Force representatives

18 STOCK NUMBERS, the policy of including and updating stock number information in IPB manuals has been discontinued. See S-00-1-1, USAF Master Cross-Reference Index for converted part number to stock number information.



SECTION IV—REFERENCE DESIGNATION INDEX is a cross reference of item numbers in the Handbook of Maintenance Instructions and the Illustrated Parts Breakdown.

19 REFERENCE DESIGNATIONS are item numbers assigned to the parts in the wiring data section of the Handbook of Maintenance Instruction.

20 FIGURE AND INDEX NUMBER where parts are illustrated and listed.

21 PART NUMBER for identification purpose.

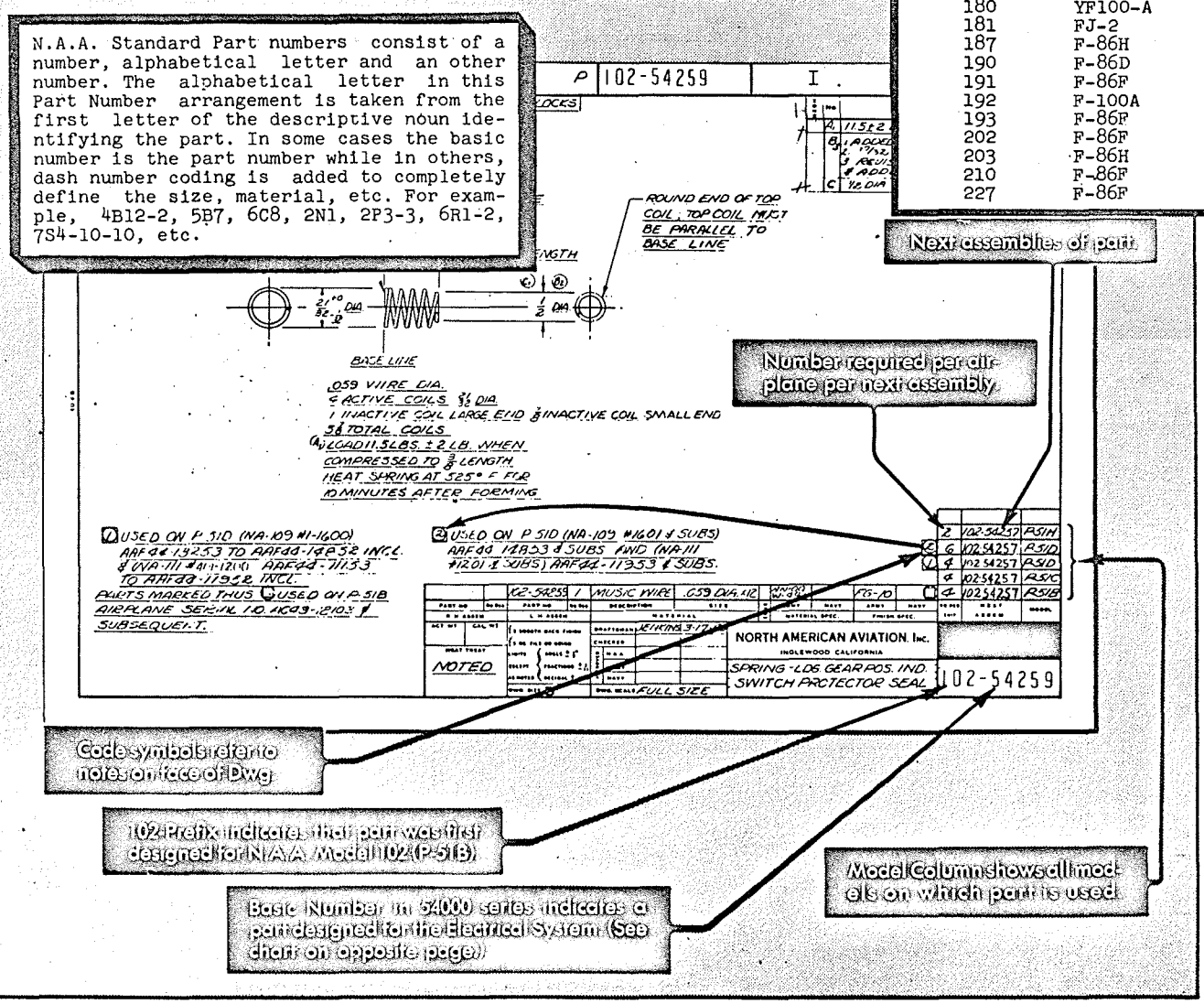
N.A.A. DRAWING NUMBERING SYSTEM

Numbers are assigned to North American Aviation Drawings in accordance with the chart on the opposite page. The basic number (number after the dash) assigned a drawing is determined by the function it performs. For example, Electrical Drawings are assigned numbers in the 54000 series, Hydraulics Drawings in the 58000 series, etc. The identity of a part is determined by the functional group for which it was designed, regardless of its location in the airplane or of its method of attachment. The number before the dash is the North American Aviation Model Designation for the airplane for which the part was originally designed. However, a part originally designed for one model may be used on any other model and if the part remains the same the drawing number also remains the same.

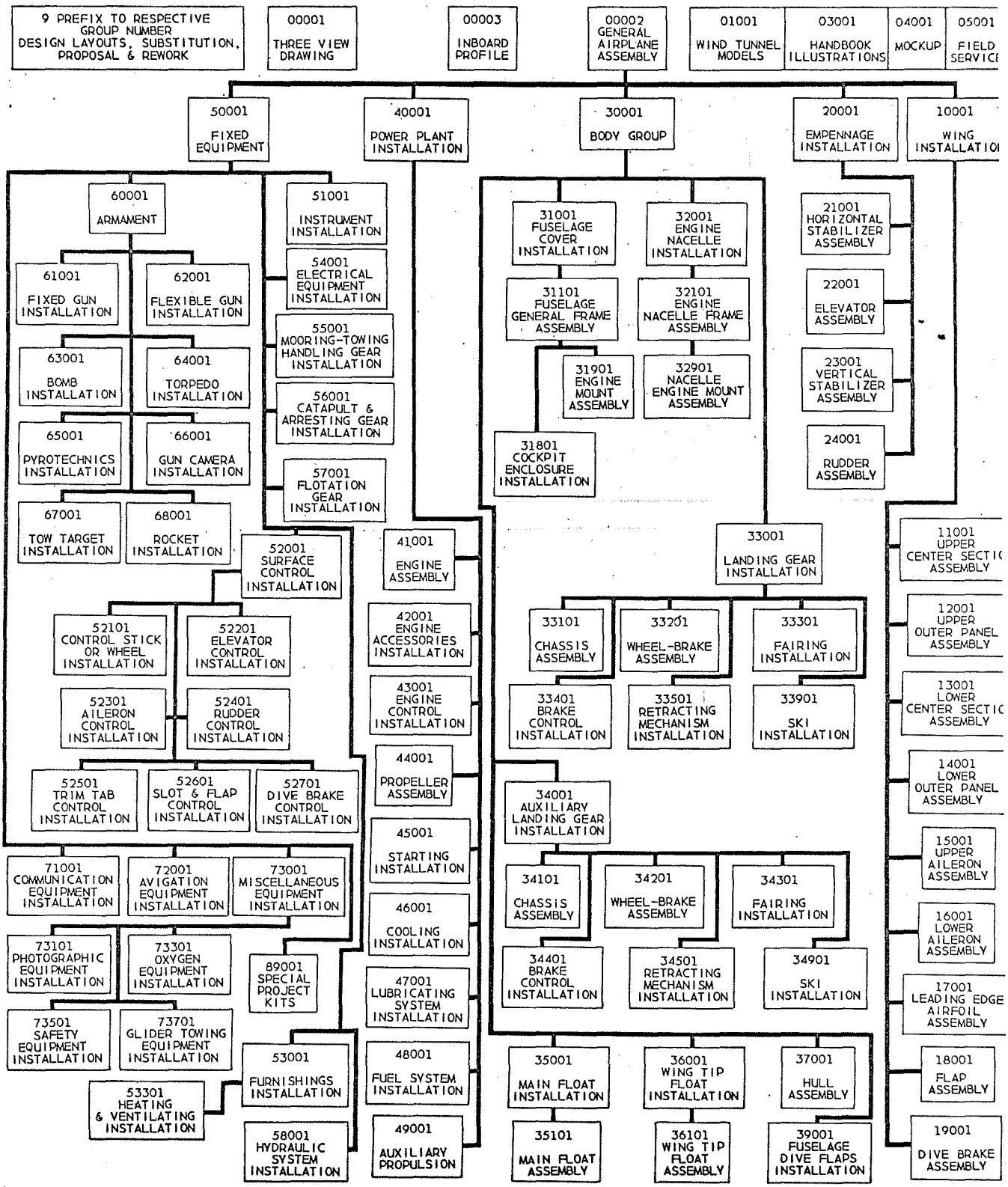
N.A.A. DRAWING PREFIX CHART

PREFIX	MODEL
102	P-51B
109	P-51D
117	P-51H
120	XF-82
123	F-82B
130	XB-45
134	XFJ-1
140	XP-86
141	FJ-1
142	XSN2J-1
144	F-82E
146	XAJ-1
147	B-45A
149	F-82F
150	F-82G,F-82H
151	F-86A
152	F-86A
153	B-45C,RB-45C
156	AJ-1
157	XF-93A
159	T-28A
160	AJ-1
161	F-86A
165	F-86D
169	AJ-1
170	F-86E
171	T-28A
172	F-86E
173	F-86D
175	AJ-2P
176	F-86F
177	F-86D
180	YF100-A
181	FJ-2
187	F-86H
190	F-86D
191	F-86F
192	F-100A
193	F-86F
202	F-86F
203	F-86H
210	F-86F
227	F-86F

N.A.A. Standard Part numbers consist of a number, alphabetical letter and an other number. The alphabetical letter in this Part Number arrangement is taken from the first letter of the descriptive noun identifying the part. In some cases the basic number is the part number while in others, dash number coding is added to completely define the size, material, etc. For example, 4B12-2, 5B7, 6C8, 2N1, 2P3-3, 6R1-2, 7S4-10-10, etc.



EXPLANATION OF NAA DRAWING NUMBERING SYSTEM



DRAWING BREAKDOWN CHART

ALPHABETICAL LIST OF VENDORS

A

AA Metal Products
6200 So. Central Avenue
Los Angeles, California

A.C. Spark Plug
Division of General Motors
Flint, Michigan

Adel Precision Products Corp.
10555 Van Owen Blvd
Burbank, California

Aero Supply Mfg Co, Inc
Corry, Pennsylvania

Aeroquip Corporation
303 South East Avenue
Jackson, Michigan

Air Associates, Inc
Teterboro, New Jersey

Air Products Inc
P.O. Box 538
Allentown, Pennsylvania

Aircraft Bolt Company
El Monte, California

Aircraft Marine Products Inc
N. Broad and Westfield Avenue
Elizabeth, New Jersey

Aircraft Tapered Sheets, Inc.
717 San Mateo
Los Angeles, California

Airesearch Manufacturing Company
9851 Sepulveda Boulevard
Los Angeles, California

Airtron, Incorporated
Linden, New Jersey

Allied Appliance Company
108 West Alameda Avenue
Burbank, California

American Chain and Cable Co, Inc
1119 Santa Fe Avenue
Los Angeles 21, California

American Hardware Company
New Britain, Connecticut

American Phenolic Corporation
1858 South 54th Avenue
Chicago 50, Illinois

American Radio Hardware Co, Inc
Arhco Building
Mt. Vernon, New York

American Screw Company
121 Stevens Street
Providence 1, Rhode Island

American Seating Company
9th and Broadway
Grand Rapids, Michigan

Apex Machine and Tool Company
Dayton 2, Ohio

Arens Controls, Incorporated
2253 South Halsted Street
Chicago 8, Illinois

Aro Equipment Company
Bryan, Ohio

Avdel Inc.
210 So. Victory
Burbank, California

Avron Corporation
17035 So. Lakewood Blvd
Bellflower, California

B

Barber-Colman Company
Rockford, Illinois

Barry Controls, Inc.
734 Pleasant Street
Watertown 72, Massachusetts

Barry, L.N. Company, Incorporated
Sidney and Erie Streets
Cambridge 39, Massachusetts

Benbow Mfg. Corp.
13916 Cordary Avenue
Hawthorne, California

Bendix Aviation Corporation
Fisher Building
Detroit, Michigan

Benrus Watch Co.
30 Cherry Avenue
Waterbury, Connecticut

Bertea Products
1450 North Lake Avenue
Pasadena, California

Binks Manufacturing Company
Carroll at Kedzie Avenue
Chicago 12, Illinois

Boston Gear Works, Inc
3200 Kerr Street
North Qunicy 71, Massachusetts

Boston Insulated Wire & Cable Co
Dorchester District
Boston, Massachusetts

Bourns Laboratories, The
2044 North Los Robles Avenue
Pasadena 6, California

Burklyn Corporation
3429 Glendale Boulevard
Los Angeles 26, California

Burndy Engineering Company
107-T Bruckner Boulevard
New York 54, New York

Burton Electrical Engineering Company
Los Angeles 16, California

Bussmann Manufacturing Company
2538 W. University Street
St. Louis 7, Missouri

C

Cam-Stat, Incorporated
Division of the Paul Henry Co
La Cienega & Cadillac Streets
Los Angeles, California

Camloc Fastener Company
Graybar Building
New York, New York

Cannon Electric Development Company
3209 Humboldt Street
Los Angeles, California

Carma Manufacturing Company
1879 Mullin Avenue
Torrance, California

Chicago Metal Hose Corporation
Maywood, Illinois

Chicago Telephone Supply Company
Elkhart. Indiana

Circle Weld Company, Inc.
8400 San Fernando Rd.
Sun Valley, California

Clarostat Mfg Company, Inc
285-287 North 6th Street
Brooklyn 11, New York

Cleveland Pneumatic Tool Company
3781 East 77th Street
Cleveland 5, Ohio

Cole Electric Company
8439 Steeler Drive
Culver City, California

Cook Electric Company
2700 Southport Avenue
Chicago 14, Illinois

Cornelius Products Company
386 Fourth Avenue
New York 16, New York

Cornell-Dublier Electric Corp
1000 Hamilton Boulevard
South Plainfield, New Jersey

Curtis Automotive Devices, Incorporated
Dayton, Ohio

Cutler-Hammer, Incorporated
315 North 12th Street
Milwaukee, Wisconsin

D

De Jur-Amsco Corporation
Long Island City, New York

Delron Company, Incorporated
Marguerita & San Fernando Road
Los Angeles, California

Dial Light Company of America
900 Boradway
New York 3, New York

Douglas Aircraft Company
El Segundo, California

ALPHABETICAL LIST OF VENDORS (Cont)

Drescher, C., Precision Machine Company
Glendale, California
Ducommun Metal Products Company
P.O. Box 2117 Terminal Annex
Los Angeles 54, California
Dunbar Kapple
405 River Street
Batavia, Illinois
D.W. Price
11161 West Pico Blvd
Los Angeles 64, California
Dynamic Air Engineering Company
1619 South Alameda Street
Los Angeles 21, California
Dzus Fastener Company, Inc
John Street
Babylon, New York

E

Eaton Manufacturing Company
Cleveland, Ohio
Eclipse-Pioneer Division
(Bendix Aviation Corp)
43 Williams Avenue
Teterboro, New Jersey
Edison, Thomas A., Incorporated
West Orange, New Jersey
Edwards and Company
Post Hill Road
Norwalk, Connecticut
Elcord, Incorporated
1503 W. Congress Street
Chicago, Illinois
Elastic Stop Nut Corporation
2330 Vauxhall Road
Union, New Jersey
Electric Service Mfg Company
2901 No. 17th Street
Philadelphia 32, Pennsylvania
Electrol, Incorporated
1000 Grand Street
Kingston, New York
Electronic Specialty Co.
3456 Glendale Blvd
Los Angeles 39, California
Ensminger, J. A., Company
231 No. Pickering
Whittier, California
Erie Resistor Corporation
Erie, Pennsylvania
Exacto Industries, Inc
150 South Doheny Drive
Beverly Hills, California

F

Fafnir Bearing Company
New Britain, Connecticut
Fahlin Manufacturing Company
Columbia, Missouri
Fenwal, Incorporated
400 Pleasant Street
Ashland, Massachusetts
Foster, J. J., Company
19666 South Harbor
Santa Ana, California
Frampton Electric Company
Fifth St. and Norwood Avenue
Dayton 7, Ohio
Frebank Company
6441 San Fernando Road
Glendale 1, California

G

Garden City Plating Mfg Company
1750 N. Ashland Avenue
Chicago, Illinois
Garlock Packing Company
2303 E. 8th Street
Los Angeles, California
General Aviation Equipment Co, Inc
69 Public Square
Wilkes-Barre, Pennsylvania
General Controls Company
805 Allen Avenue
Glendale 1, California
General Electric Company
Schenectady, New York
General Metals Corporation
Adel Division
Burbank 1, California
Gladden Products
Glendale, California
Glass Containers
3601 Santa Fe Avenue
Los Angeles, California
Globe Industries, Inc
Dayton, Ohio
Goodrich, B. F., Company
Akron, Ohio
Grayhill Company
561 Hillgrove Avenue
La Grange, Illinois
Grimes Manufacturing Company
Urbana, Ohio
Guardian Electric Mfg Company
1400 West Washington Blvd
Chicago, Illinois

H

Halfco Products
211 South Beverly Drive
Beverly Hills, California
Hamilton Standard Division
(United Aircraft Corp)
Windsor Locks, Connecticut
Hartman Electrical Mfg Company
Mansfield, Ohio
Hartwell Aviation Supply Company
6623 Standard Avenue
Los Angeles, California
Haskel Engineering and Supply Company
Glendale, California
Haydon Company, A. W.
220 N. Elm Street
Waterbury 32, Connecticut
Hayes Industries, Inc
Dept. T
Wildwood Road
Jackson, Michigan
Heim Company, The
Fairfield, Connecticut
Heli-Coil Corporation
951 Shelter Rock Lane
Danbury, Connecticut
Henry Engineering Co. Inc.
3625 W. Pacific Avenue
Burbank, California
Henry, Paul, Company
La Cienega and Cadillac Streets
Los Angeles 34, California
Hetherington, Incorporated
1200 Elmwood Avenue
Sharon Hill, Pennsylvania
Hoover Electric Company
2100 S. Stoner Avenue
Los Angeles 25, California
Huber Engineering Company
340 Neeb Road
Cincinnati, Ohio
Hughes Aircraft Company
Culver City, California
Hydraulic Research and Manufacturing Co
Verdugo Avenue and Beechwood
Burbank, California
Hydro-Aire Company
2000 Winona Boulevard
Burbank, California

I

Industrial Products Company
(Division of Danbury-Knudson, Inc)
3348 W. Compton Boulevard
Gardena, California

ALPHABETICAL LIST OF VENDORS (Cont)

Insuline Corporation of America
Insuline Building
35th Avenue and 36th Street
Long Island City 1,New York
International Resistance Co.
1101 Terminal Commerce Building
Philadelphia 8, Pennsylvania

J

Jack & Heintz Precision Industries, Inc
17598 Broadway
Cleveland 1, Ohio
James-Pond-Clark
1247 East Green Street
Pasadena, California
Johns-Manville Sales Corporation
Thermoflex Blanket Dept
22 East 40th Street
New York, New York
Johnson, E.F., Company
Waseca, Minnesota
Jones, Howard B.
2300 Wabansia Avenue
Chicago, Illinois
Juniper and Norris Company, Inc
11129 Chandler Boulevard
North Hollywood, California

K

Kahr Fastener Company
Division of United-Carr
1709 West 8th Street
Los Angeles 45, California
Kanar Manufacturing Company
820 East 16th Street
Los Angeles 21, California
Kaynar Company
Box 2001 Terminal Annex
Los Angeles 54, California
Kidde, Walter, and Company
88 West Street
New York, New York
Klixon Company
(Spencer Thermostat Company)
40 Forest Street
Attleboro, Massachusetts
Koehler Aircraft Products Company
814 Vermont Avenue
Dayton, Ohio
Kollsman
80-08 45th Avenue
Elmhurst, New York

L

Leach Relay Company, Incorporated
5915 Avalon Blvd
Los Angeles, California
Lear, Incorporated
Grand Rapids, Michigan
Leece-Neville Company
5109 Hamilton Avenue
Cleveland 14, Ohio
Leland Electric Company
1501 Webster Street
Dayton 4, Ohio
Leland, George H., Incorporated
123 Webster Street
Dayton, Ohio
Leonard, W.O., Incorporated
373 South Fairoaks Avenue
Pasadena, California
Liquidometer Corporation
Skillman Avenue and 37th St.
Long Island City, New York
Littelfuse, Incorporated
4757 Ravenswood Avenue
Chicago 40, Illinois
Lord Manufacturing Company
1639 West 12th Street
Erie, Pennsylvania
Los Angeles Standard Rubber Co.
1500 E. Gage
Los Angeles, California

M

Magnavox Company, The
Ft. Wayne, Indiana
Mallory, R.R. and Co., Incorporated
1200 East 24th Street
Indianapolis 5, Indiana
Mar-Vista Engineering Company
Los Angeles, California
Marlin-Rockwell Corporation
Chandler Street
Jamestown, New York
Marman Products
11214 Exposition Blvd
Los Angeles 64, California
Master Specialties Company
6810 Wentworth Avenue
Chicago, Illinois
M. C. Manufacturing Company
Lake Orion, Michigan
McGill Manufacturing Company, Inc.,
110 N. Lafayette Street
Valparaiso, Indiana
Mechanical Products, Incorporated
1824 Rivet Street
Jackson, Michigan
Meletron Corporation
Romaine and Highland
Los Angeles, California
Micro-Switch Corporation
Freeport, Illinois
Minneapolis-Honeywell Regulator Co
Minneapolis, Minnesota
Mu-Switch Corporation
(Division of Acro Mfg Co)
Canton, Massachusetts
Muelhausen Spring Corporation
1950 Butler Street
Logansport, Indiana

N

Nichols Plastics and Engineering Company
13007 South Main Street
Los Angeles, California
National Screw and Manufacturing Company
Los Angeles 22, California
National Utilities Corporation
826 Arroyo Parkway
Pasadena, California
New York Airbrake Company
420 Lexington Avenue
New York 17, New York
North American Aviation, Inc
International Airport
Los Angeles 45, California
Novak Template Company
Wichita, Kansas
Nutt-Shel Company
317 East 2nd Street
Los Angeles, California
Nylon Moulding Corp
141 S Avenue
Garwood, New Jersey

O

Ohmite Manufacturing Company
4837 Flournoy Street
Chicago 44, Illinois
Operating and Maintenance Specialties
Charlotte 1, North Carolina

P

Pacific Airmotive Corporation
2940 North Hollywood Way
Burbank, California
Pacific Division of
Bendix Aviation Corporation
North Hollywood, California
Pacific Scientific Company
1430 Grand Vista Avenue
Los Angeles, California

ALPHABETICAL LIST OF VENDORS (Cont)

Parker Appliance Company
17325 Euclid Avenue
Cleveland, Ohio
Parker-Kalon Corporation
208 Varick Street
New York, New York
Pastushin Aviation Corp.
5651 West Century Blvd
Los Angeles, California
Peerless Electrical Products Company
1161 North Vine Street
Los Angeles, California
Plomb Tool Company
2009 Santa Fe
Los Angeles, California
Pollak, Joseph, Corporation
79-85 Freeport Street
Boston, Massachusetts
Potter Company
1944-52 Sheridan Road
North Chicago, Illinois
Precision Fabricators, Incorporated
Roosevelt Road
East Rochester, New York
Proof Industries, Incorporated
c/o Henry Trich
1000 Exposition Blvd
Los Angeles, California
Purolator Products, Incorporated
744 Broad Street
Newark, New Jersey

R

Ramsey Corporation
3763 Forest Park Blvd
St. Louis 8, Missouri
Revere Corporation
Wallingford, Connecticut
Rhodes Lewis Company
3652 Eastham Drive
Culver City, California
Robinson Aviation, Incorporated
716-718 West Wilson Avenue
Glendale 3, California
Robertshaw-Fulton Controls Company
110 E. Otterman Street
Greensburg, Pennsylvania
Roller Bearing Company of America
Whitehead Avenue
Trenton, New Jersey
Rosan, Incorporated
52224 Southern Avenue
Southgate, California
Roylyn, Incorporated
Teterboro, New Jersey
Rubbercraft Corp of California
114 East 17 St
Los Angeles, California

S

Safe Flight Instrument Corp
4 Water Street
White Plains, New York
Saval Division of
Wm. R. Whittaker Company
1915 East 51st Street
Los Angeles 11, California
Seaboard Electric Company
145 Hudson Street
New York, New York
Sensenich Brothers
525 Commercial Street
Los Angeles, California
Servomechanisms, Incorporated
Old Country and Glen Cove Road
Mineola, New York
Shafer Bearing Corporation
Monte and Horace
Downer's Grove, Illinois
Shakeproof, Incorporated
2501 North Keeler Avenue
Chicago, Illinois
Shakespeare Products Company
Kalamazoo, Michigan
Skinner Purifiers
Detroit, Michigan
Soderberg Mfg Company
628 South Palm
Alhambra, California
Solar Manufacturing Corporation
285 Madison Avenue
New York 17, New York
Sperry Gyroscope Company, Inc
Great Neck, New York
Spencer Thermostat Company
(Klixon Company)
40 Forest Street
Attleboro, Massachusetts
Sprague Specialties Company
201 Beaver Street
North Adams, Massachusetts
Square "D" Company
6000 Rivard Street
Detroit 11, Michigan
Standard Pressed Steel Company
Box 732
Jenkintown, Pennsylvania
Standard Thompson Corporation
Franklin Street at Ludlow
Dayton, Ohio
Sterer Engineering & Manufacturing Co
North Hollywood, California
Stratos Corporation
Framington, Long Island, N.Y.
Strom Steel Ball Company
1850 South 54th Avenue
Cicero 50, Illinois
Sturgess, Incorporated
Glendale, California
Sweeney Engineering Corporation
3825 Willat Avenue
Culver City, California

T

T. A. Manufacturing Corp
Alger and Baywood Streets
Los Angeles 39, California
Talley Industries
4551 E. McKellips Road
Mesa, Arizona
Teleflex, Incorporated
258 West Wingbocking Street
Philadelphia 40, Pennsylvania
Thomas Associates
(See T.A. Mfg. Corp.)
Thompson, H.I., Company
1733 Cordova Street
Los Angeles, California
Thompson Products, Incorporated
2196 Clarkwood Road
Cleveland 3, Ohio
Tinnerman Products, Incorporated
2079 Fulton Road
Cleveland 13, Ohio
Tison Brothers
2226 S. Sepulveda Boulevard
West Los Angeles 25, California
Torrington Company
Torrington, Connecticut
Transco Products, Incorporated
11751 Mississippi Avenue
Los Angeles 25, California

U

Ucinite Company
Newtonville, Massachusetts
United Aircraft Products, Inc
1116 Bolender Avenue
Dayton 1, Ohio
United-Carr Fastener Corporation
31 Ames Street
Cambridge 42, Massachusetts
United Control Corporation
4540 Union Bay Place
Seattle 5, Washington
Universal Metal Products Company
458 Main Street
Saranac, Michigan

ALPHABETICAL LIST OF VENDORS (Cont)

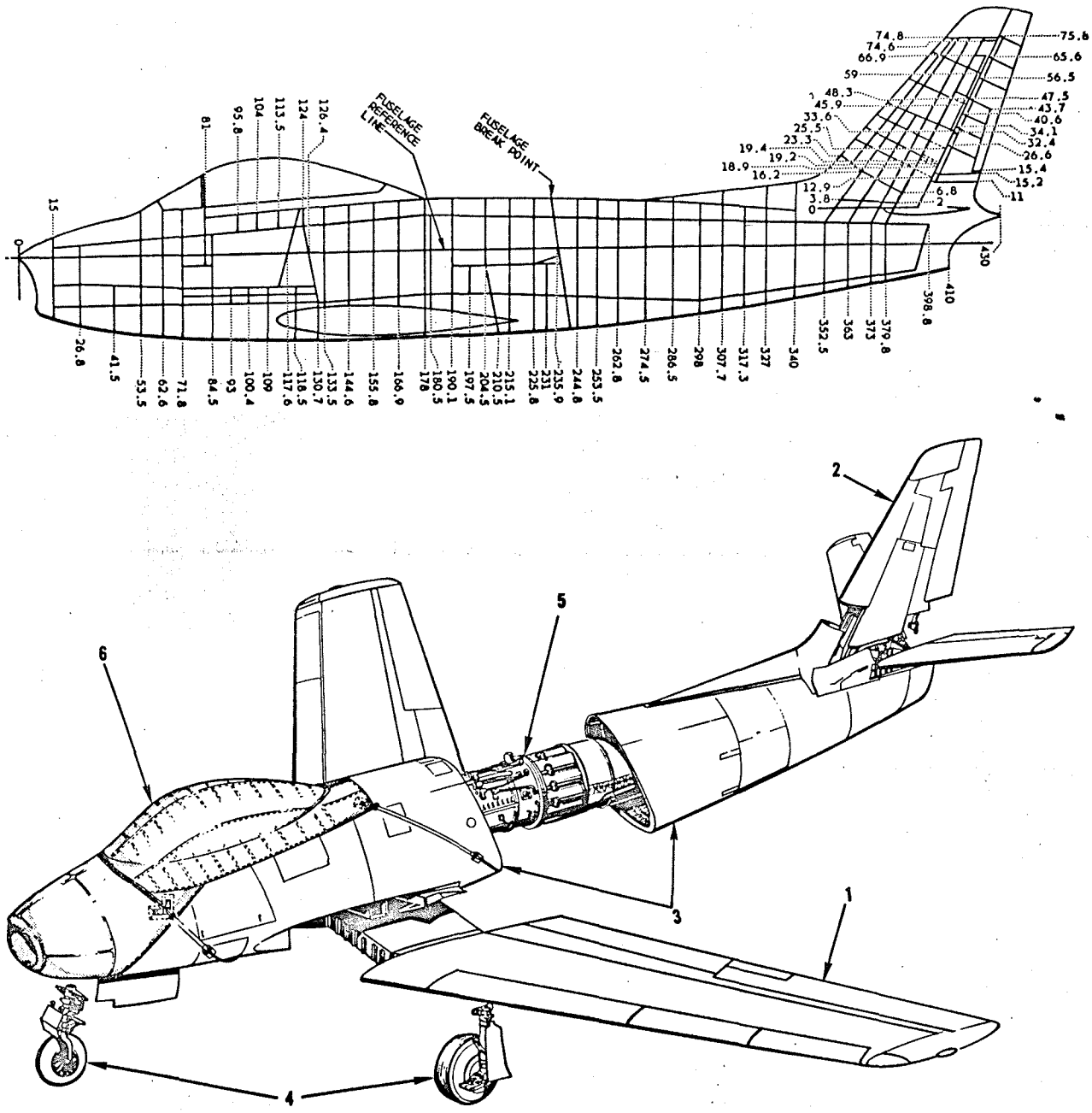
Univox Corporation
4301 W. Jefferson
Los Angeles, California
U. S. Gauge Company
Sellersville, Pennsylvania

V

Valcor Engineering Corporation
Colfax and Carnegie St
Kenilworth, New Jersey
Vapor Heating Corporation
80 East Jackson Boulevard
Chicago, Illinois
Vickers, Incorporated
1402 Oakman Boulevard
Detroit 32, Michigan
Vinson Manufacturing Company
8044 Woodley Avenue
Van Nuys, California

W

Waldes-Kohinoor, Incorporated
Austel Place
Long Island City 1, New York
Waterman Engineering Company
120 South La Salle
Chicago 3, Illinois
Weatherhead Company
East 131st St & Weatherhead Ave
Cleveland, Ohio
Wemac Company
502 South Isis Street
Inglewood, California
Weston Electric Instrument Company
619 Frelinghuysen Avenue
Newark 5, New Jersey
Weston Hydraulics Company
10918 Burbank Boulevard
North Hollywood, California
White, S.S., Dental Manufacturing Company
211-217 South 12th Street
Philadelphia 5, Pennsylvania
Whitney Blake Company
100 Pershing Street
Hamden (New Haven) 14, Connecticut
Whittaker, Wm. R., Company
915 North Citrus Avenue
Los Angeles 38, California
Wiggins, E.B., Oil Tool Company, Inc
3424 East Olympic Blvd
Los Angeles 23, California
Wolfe, Franklin C., Company
407 Commercial Center Street
Beverly Hills, California
Wood Electrical Company
Newburyport, Massachusetts

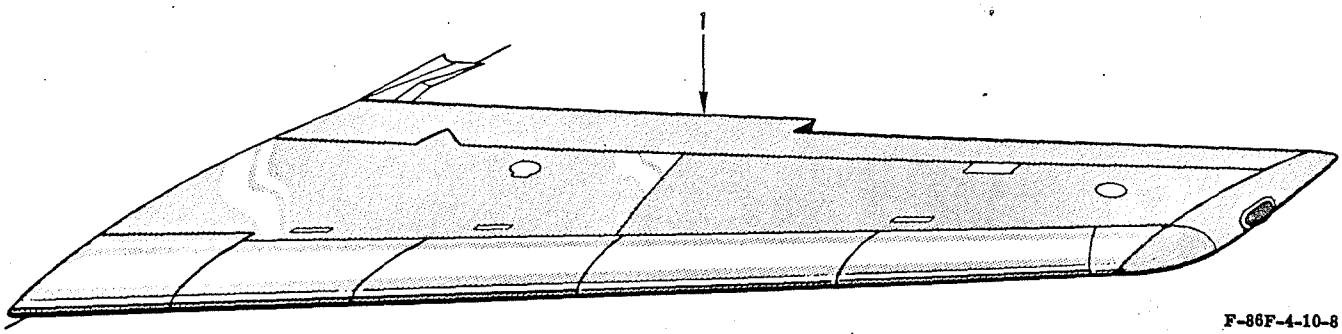


F-86F-4-00-1A

1. WING, (see figure 4)
2. TAIL, (see figure 96)
3. FUSELAGE, (see figure 106)
4. ALIGHTING GEAR, (see figure 395)
5. POWER PLANT AND ENGINE SECTION, (see figure 432)
6. LOOSE EQUIPMENT, (see figure 471)

FIGURE 1 - AIRPLANE GENERAL ASSEMBLY

SECTION II
GROUP ASSEMBLY PARTS LIST



F-86F-4-10-8

FIGURE 2 - OUTER PANEL SPARE WING ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
2-1	170-14901-61	WING ASSEMBLY, OUTER PANEL SPARE LH	1	A
	170-14901-62	WING ASSEMBLY, OUTER PANEL SPARE RH	1	A
	170-14901-81	WING ASSEMBLY, OUTER PANEL SPARE LH	1	B
	170-14901-82	WING ASSEMBLY, OUTER PANEL SPARE RH	1	B
	170-14901-51	WING ASSEMBLY, OUTER PANEL SPARE LH	1	C
	170-14901-52	WING ASSEMBLY, OUTER PANEL SPARE RH	1	D
	170-14901-101	WING ASSEMBLY, OUTER PANEL SPARE LH	1	E
	170-14901-102	WING ASSEMBLY, OUTER PANEL SPARE RH	1	F
	191-14901-1 *5	WING ASSEMBLY, OUTER PANEL SPARE LH	1	G
	191-14901-2 *5	WING ASSEMBLY, OUTER PANEL SPARE RH	1	G
	191-14901-11	WING ASSEMBLY, OUTER PANEL SPARE LH	1	H
	191-14901-12	WING ASSEMBLY, OUTER PANEL SPARE RH	1	H
	191-14901-21	WING ASSEMBLY, OUTER PANEL SPARE LH	1	J
	191-14901-22	WING ASSEMBLY, OUTER PANEL SPARE RH	1	J
	191-14901-31 *5	WING ASSEMBLY, OUTER PANEL SPARE LH	1	G
	191-14901-32 *5	WING ASSEMBLY, OUTER PANEL SPARE RH	1	G
	191-14901-41	WING ASSEMBLY, OUTER PANEL SPARE LH	1	L
	191-14901-42	WING ASSEMBLY, OUTER PANEL SPARE RH	1	L

WING

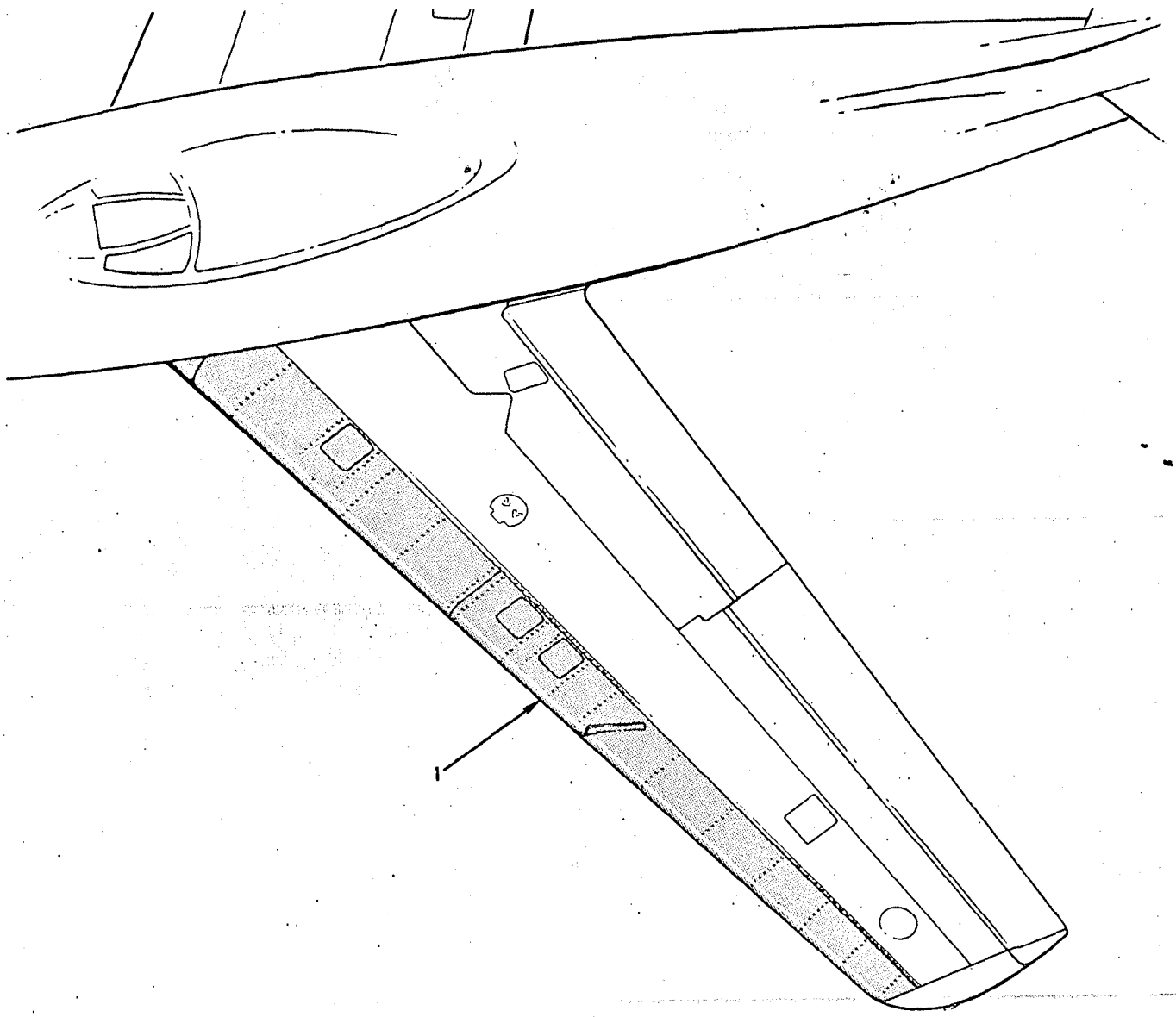
FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
2	191-14901-101								WING ASSEMBLY, OUTER PANEL SPARE LH	1	K
	191-14901-102								WING ASSEMBLY, OUTER PANEL SPARE RH	1	K
	227-140901-1								WING, OUTER PANEL SPARE ASSY OF LH	1	N
	227-140901-2								WING, OUTER PANEL SPARE ASSY OF RH	1	N
	191-14910-1	*3							WING ASSEMBLY, OUTER PANEL SPARE UNIVERSAL LH	1	
	191-14910-2	*4							WING ASSEMBLY, OUTER PANEL SPARE UNIVERSAL RH	1	
	170-14001-61		.						WING ASSEMBLY, OUTER PANEL COMPLETE LH (SEE FIGURE 7)	1	A
	170-14001-62		.						WING ASSEMBLY, OUTER PANEL COMPLETE RH (SEE FIGURE 7)	1	A
	170-14001-81		.						WING ASSEMBLY, OUTER PANEL COMPLETE LH (SEE FIGURE 7)	1	B
	170-14001-82		.						WING ASSEMBLY, OUTER PANEL COMPLETE RH (SEE FIGURE 7)	1	B
	170-14001-51		.						WING ASSEMBLY, OUTER PANEL COMPLETE LH (SEE FIGURE 7)	1	C,E
	170-14001-52		.						WING ASSEMBLY, OUTER PANEL COMPLETE RH (SEE FIGURE 7)	1	D,F
	191-14001-1		.						WING ASSEMBLY, OUTER PANEL COMPLETE LH (SEE FIGURE 7)	1	G
	191-14001-2		.						WING ASSEMBLY, OUTER PANEL COMPLETE RH (SEE FIGURE 7)	1	G
	191-14101-1		.						WING ASSEMBLY, OUTER PANEL COMPLETE LH (SEE FIGURE 7)	1	H
	191-14101-2		.						WING ASSEMBLY, OUTER PANEL COMPLETE LH (SEE FIGURE 7)	1	H
	191-14101-11		.						WING ASSEMBLY, OUTER PANEL COMPLETE LH (SEE FIGURE 7)	1	J
	191-14101-12		.						WING ASSEMBLY, OUTER PANEL COMPLETE RH (SEE FIGURE 7)	1	J
	191-14101-21		.						WING ASSEMBLY, OUTER PANEL COMPLETE LH (SEE FIGURE 7)	1	K
	191-14101-22		.						WING ASSEMBLY, OUTER PANEL COMPLETE RH (SEE FIGURE 7)	1	K
	191-14101-31		.						WING ASSEMBLY, OUTER PANEL COMPLETE LH (SEE FIGURE 7)	1	L
	191-14101-32		.						WING ASSEMBLY, OUTER PANEL COMPLETE RH (SEE FIGURE 7)	1	L
	227-14001-1		.						WING ASSEMBLY, OUTER PANEL COMPLETE LH (SEE FIGURE 7)	1	N
	227-14001-2		.						WING ASSEMBLY, OUTER PANEL COMPLETE RH (SEE FIGURE 7)	1	N
	S1452-098		.						BARREL NUT, (ELASTIC)	2	A,B
	COMPLETE EXCEPT FOR THE FOLLOWING PARTS:										
	165-16001-1	*1	.	.					AILERON ASSEMBLY, COVERED LH (SEE FIGURE 34)	1	
	165-16001-2	*2	.	.					AILERON ASSEMBLY, COVERED RH (SEE FIGURE 34)	1	
	165-16001-101		.	.					AILERON ASSEMBLY, COVERED LH (SEE FIGURE 34)	1	N
	165-16001-102		.	.					AILERON ASSEMBLY, COVERED RH (SEE FIGURE 34)	1	N
	165-18001-101	*1	.	.					FLAP ASSEMBLY, COVERED LH (SEE FIGURE 32)	1	A,B
	165-18001-2	*2	.	.					FLAP ASSEMBLY, COVERED RH (SEE FUGURE 32)	1	A,B
	165-18001-201	*1	.	.					FLAP ASSEMBLY, COMELETE LH (SEE FIGURE 32)	1	C,E
	165-18001-22	*2	.	.					FLAP ASSEMBLY, COMPLETE RH (SEE FIGURE 32)	1	D,F
	177-18001-101	*1	.	.					FLAP ASSEMBLY, COVERED LH (SEE FIGURE 32)	1	M
	177-18001-2	*2	.	.					FLAP ASSEMBLY, COVERED RH (SEE FIGURE 32)	1	M
	227-18001-1		.	.					FLAP ASSEMBLY, COVERED LH (SEE FIGURE 33)	1	N
	227-18001-2		.	.					FLAP ASSEMBLY, COVERED RH (SEE FIGURE 33)	1	N
	AN742D4C	*1	.	.					CLAMP	2	A,B
	AN365-832	*1	.	.					NUT	2	A,B
	AN515-8R8	*1	.	.					SCREW	2	A,B
	A5910-6Z3	*1	.	.					NUT, RING (TINNERMAN)	1	A,B
	AN530-6R8	*1	.	.					SCREW	5	A,B
	EA378A545M	*1	.	.					TRANSMITTER, OUTER WING FUEL LEVEL OUTBD (LIQUIDOMETER) (SEE FIGURE 74)	1	
	EA378A546M	*1	.	.					TRANSMITTER, OUTER WING FUEL LEVEL OUTBD (LIQUIDOMETER) (SEE FIGURE 74)	1	
	172-58634-3	*1	.	.					VALVE ASSEMBLY, HYDRAULIC AILERON EMERGENCY CONTROL RELIEF LH COMPLETE (SEE FIGURE 83)	1	A,B
	172-58635-3	*2	.	.					VALVE ASSEMBLY, HYDRAULIC AILERON EMERGENCY CONTROL RELIEF RH COMPLETE (SEE FIGURE 83)	1	A,B
	170-58636-3	*1	.	.					VALVE ASSEMBLY, HYDRAULIC AILERON POWER CONTROL RELIEF LH COMPLETE (SEE FIGURE 83)	1	A,B
	170-58637-3	*2	.	.					VALVE ASSEMBLY, HYDRAULIC AILERON POWER CONTROL RELIEF RH COMPLETE (SEE FIGURE 83)	1	A,B
	151-58627-1	*1	.	.					CYL ASSY, HYD MAIN LG OPERATING COMPLETE LH (SEE FIG. 83)	1	A,B
	151-58627-2	*2	.	.					CYL ASSY, HYD MAIN LG OPERATING COMPLETE RH (SEE FIG. 83)	1	A,B
	151-58628-3	*1	.	.					CYL ASSY, HYD MAIN LG DOWNLOCK COMPLETE LH (SEE FIG. 83)	1	A,B
	151-58628-6	*2	.	.					CYL ASSY, HYD MAIN LG DOWNLOCK COMPLETE RH (SEE FIG. 83)	1	A,B
	151-58629-1	*1	.	.					CYL ASSY, HYD MAIN LG UPLOCK REL COMPLETE LH (SEE FIG. 83)	1	A,B
	151-58629-2	*2	.	.					CYL ASSY, HYD MAIN LG UPLOCK REL COMPLETE RH (SEE FIG. 83)	1	A,B
	10-1547-5		.	.					VALVE ASSY, CHECK (PARKER) (SEE FIG. 86) (AN6249-6)	2	A,B
	151-58809-37	*1	.	.					LINE ASSY, HYD BRAKE FLEX HOSE TO FLEX HOSE ON STRUT LH	1	
	151-58810-37	*2	.	.					LINE ASSY, HYD BRAKE FLEX HOSE TO FLEX HOSE ON STRUT RH	1	
	151-58809-39	*1	.	.					LINE ASSY, HYD BRAKE MAIN LANDING GEAR AXLE LH	1	
	151-58810-39	*2	.	.					LINE ASSY, HYD BRAKE MAIN LANDING GEAR AXLE RH	1	
	151-58184		.	.					BOLT, HYDRAULIC BRAKE UNIVERSAL AXLE (SEE FIGURE 83)	1	
	AN6271-4-19		.	.					HOSE ASSEMBLY, (SEE FIGURE 83)	1	A,B
	170-48125		.	.					ADAPTER ASSY, WING FUEL CELL FILLER CAP (SEE FIGURE 39)	1	A,B
	172-48023-11	*1	.	.					CELL ASSY, OUTER WING FUEL COMPLETE LH (SEE FIGURE 39)	1	
	172-48023-12	*2	.	.					CELL ASSY, OUTER WING FUEL COMPLETE RH (SEE FIGURE 39)	1	
	172-48116		.	.					NUT, OUTER WING FUEL CELL VENT LINE GLAND (SEE FIGURE 39)	1	A,B
	151-48180-1	*1	.	.					BLOCK, OUTER WING FUEL CELL INBD SUP LH (SEE FIG. 39)	1	A,B
	151-48180-2	*2	.	.					BLOCK, OUTER WING FUEL CELL INBD SUP RH (SEE FIG. 39)	1	A,B
	151-48193-11		.	.					RING, OUTER WING FUEL CELL FILLER SCUPPER CUP (SEE FIG. 39)	1	A,B
	165-58705-7	*1	.	.					ACTUATOR ASSY, HYD AIL. POWER CONTROL LH (SEE FIG. 76)	1	A,B
	165-58705-8	*2	.	.					ACTUATOR ASSY, HYD AIL. POWER CONTROL RH (SEE FIG. 76)	1	A,B
	165-16003-11	*1	.	.					SEAL AND COUNTERBALANCE INSTL, AILERON LH (SEE FIG. 34)	1	C,E,G,H,N
	165-16003-12	*2	.	.					SEAL AND COUNTERBALANCE INSTL, AILERON RH (SEE FIG. 34)	1	D,F,G,H,N
	151-51068		.	.					PLUG ASSY, FUEL LEVEL TRANSMITTER ACCESS (SEE FIG. 74)	1	A,B

WING

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
2	140-58393			.	.				CAP, HYDRAULIC BRAKE UNIVERSAL AXLE (SEE FIGURE 83) . . .	1	
	AN6271-4-11			.	.				HOSE ASSEMBLY	2	A,B
	M3320			.	.				ACTUATOR, WING FLAP (AIR ASSOCIATES) (SEE FIG. 77)	1	A,B
	165-51017	*2		.	.				BOOM ASSY, AIRSPEED PITOT STATIC TUBE (SEE FIGURE 74) . .	1	P
	187-51098-20			.	.				BOOM ASSY, AIRSPEED PITOT STATIC TUBE (SEE FIGURE 74) . .	1	N
	187-16009			.	.				FITTING ASSY, AILERON INBD AND OUTBD HINGE (SEE FIG. 7) .	2	Q
	B68P0H			.	.				. BEARING, (TORRINGTON)	1	Q
	165-16012			.	.				RACE, INBD AND OUTBD HINGE BEARING INNER (SEE FIG. 7) . .	2	
	172-48862	*1		.	.				LINE ASSY, FUEL OUTER WING CELL VENT AND GUAGE ADAPTER TO HOSE REFUELING VENT RH (SEE FIGURE 39)	1	A,B
	151-48142-41			.	.				CAP ASSEMBLY, FUEL CELLS FILLER (SEE FIGURE 39)	1	A,B
	117-48142-11			.	.				GASKET, WING FUEL CELL FILLER ADAPTER (SEE FIGURE 39) . .	1	A,B
	AN3436-2-2	*1		.	.				TERMINAL BLOCK ASSEMBLY, (SEE FIGURE 90)	2	A,B
	172-48810	*1		.	.				LINE ASSY, LH OUTER WING FUEL CELL TO WHEEL WELL VENT . . (SEE FIGURE 39)	1	A,B
	172-48873	*1		.	.				LINE, OUTER WING FUEL CELL TO HOSE CLIMB VENT LH (SEE FIG.39	1	A,B
	140-54011	*1		.	.				FAIRING, LOWER FUSELAGE POSITION LIGHT (SEE FIGURE 95) . .	1	A,B
	79XZ6-11	*1		.	.				SCREW, (PARKER-KALON) (SEE FIGURE 95)	1	A,B
	79XZ6-20	*1		.	.				SCREW, (PARKER-KALON) (SEE FIGURE 95)	1	A,B
	AN3177-9	*1		.	.				LIGHT ASSEMBLY, (SEE FIGURE 95)	1	A,B
	AN3106B14S7S	*1		.	.				PLUG, (SEE FIGURE 95)	1	A,B
	AN3106B14S2S	*1		.	.				PLUG, (SEE FIGURE 95)	2	A,B
	AN3107B10SL4S	*1		.	.				PLUG, (SEE FIGURE 95)	1	A,B
	AN3106B12S3S	*1		.	.				PLUG, (SEE FIGURE 95)	1	A,B
	AN3057-4A	*1		.	.				ADAPTER, (SEE FIGURE 95)	2	A,B
	AN3057-6A	*1		.	.				ADAPTER, (SEE FIGURE 95)	3	A,B
	AN3099-1	*1		.	.				COVER, (SEE FIGURE 95)	1	A,B
	AN3131-303	*1		.	.				LAMP, (SEE FIGURE 95)	1	A,B
	INCLUDED ON WING ASSEMBLIES ON AIRPLANES NOTES										
	172-58634-3	*1		.	.				VALVE ASSY, HYD AIL. EMER CONTROL RELIEF LH (SEE FIG. 83).	1	C,E,M
	172-58634-5	*1		.	.				VALVE ASSY, HYD AIL. EMER CONTROL RELIEF LH (SEE FIG. 83).	1	N
	172-58635-3	*2		.	.				VALVE ASSY, HYD AIL. EMER CONTROL RELIEF RH (SEE FIG. 83).	1	D,F,M
	172-58635-5	*2		.	.				VALVE ASSY, HYD AIL. EMER CONTROL RELIEF RH (SEE FIG. 83).	1	N
	151-58627-1	*1		.	.				CYL ASSY, HYD MAIN LG OPERATING COMPLETE LH (SEE FIG. 83).	1	C,E,M
	151-58627-3	*1		.	.				CYL ASSY, HYD MAIN LG OPERATING COMPLETE LH (SEE FIG. 83).	1	N
	151-58627-2	*2		.	.				CYL ASSY, HYD MAIN LG OPERATING COMPLETE RH (SEE FIG. 83).	1	D,F,M
	151-58627-4	*2		.	.				CYL ASSY, HYD MAIN LG OPERATING COMPLETE RH (SEE FIG. 83).	1	N
	151-58628-3	*1		.	.				CYL ASSY, HYD MAIN LG DOWNLOCK COMPLETE LH (SEE FIG. 83) .	1	C,E,M
	151-58628-5	*1		.	.				CYL ASSY, HYD MAIN LG DOWNLOCK COMPLETE LH (SEE FIG. 83) .	1	N
	161-58628-6	*2		.	.				CYL ASSY, HYD MAIN LG DOWNLOCK COMPLETE RH (SEE FIG. 83) .	1	D,F,M
	161-58628-8	*2		.	.				CYL ASSY, HYD MAIN LG DOWNLOCK COMPLETE RH (SEE FIG. 83) .	1	N
	151-58629-1	*1		.	.				CYL ASSY, HYD MAIN LG UPLOCK REL COMPLETE LH (SEE FIG. 83)	1	C
	151-58629-2	*2		.	.				CYL ASSY, HYD MAIN LG UPLOCK REL COMPLETE RH (SEE FIG. 83)	1	D
	151-58629-5	*1		.	.				CYL ASSY, HYD MAIN LG UPLOCK REL COMPLETE LH (SEE FIG. 83)	1	E,M,N
	151-58629-6	*2		.	.				CYL ASSY, HYD MAIN LG UPLOCK REL COMPLETE RH (SEE FIG. 83)	1	F,M,N
	165-58705-13			.	.				ACTUATORY ASSY, HYD AIL. POWER CONTROL (WHN EXH USE . . . 165-58705-131) (SEE FIGURE 76)	1	C
	165-58705-131			.	.				ACTUATOR ASSY, HYD AIL. POWER CONTROL (USE 165-58705-13 . UNTL EXH) (SEE FIGURE 76)	1	E,F,M
	165-58705-117			.	.				ACTUATOR ASSY, HYD AIL. POWER CONTROL (SEE FIG. 76) . . .	1	N
	D1010			.	.				ACTUATOR, (HOOVER) (INTRCH WTH AIR ASSOCIATES M3320) . . . (See Figure 77)	1	C,E,M,N

*1 PARTS INDICATED THUS EXCLUDED ON LEFT WING
*2 PARTS INDICATED THUS EXCLUDED ON RIGHT WING
*3 191-89207-10 UNIVERSAL SPARE WING KIT IS USED WITH 191-14910-1
*4 191-89207-20 UNIVERSAL SPARE WING KIT IS USED WITH 191-14910-2
ALL GOVERNMENT FURNISHED AIRCRAFT EQUIPMENT IS EXCLUDED ON SPARE WING ASSEMBLIES
*5 191-14901-1 AND -2, 191-14901-31 AND -32 ARE REIDENTIFIED TO 191-14901-41 AND -42 RESPECTIVELY WHEN REWORKED PER T. O. 1F-86F-214.

USEABLE ON CODE:
A 51-2850 thru 51-2927
B 51-2928 thru 51-2943, 51-12936 thru 51-13069
C 51-13070 thru 51-13077
D 51-13070 thru 51-13089
E 51-13078 thru 51-13169
F 51-13090 thru 51-13169
G 51-13170 thru 51-13340, 52-4305 thru 52-4504
H 51-13341 thru 51-13468, 52-4505 thru 52-4805
J 52-5164 thru 52-5271
K 53-1072 thru 53-1228
L 51-13469 thru 51-13510, 52-5272 thru 52-5530, 52-4806 thru 52-5163
M 51-13170 thru 53-1228
N 55-3816 and subs
P 51-2850 thru 53-1228
Q 51-13070 and subs



176-12-13

FIGURE 3 - 6-3 EXTENDED SPARE LEADING EDGE ASSEMBLY LH AND RH

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
3-1	191-14940-1	*1	LEADING EDGE SPARE ASSEMBLY, 6-3 EXTENDED SPARE LH	1	A
	191-14940-2	*1	LEADING EDGE SPARE ASSEMBLY, 6-3 EXTENDED SPARE RH	1	A
	191-14940-11	*1	LEADING EDGE SPARE ASSEMBLY, 6-3 EXTENDED SPARE LH	1	C
	191-14940-12	*1	LEADING EDGE SPARE ASSEMBLY, 6-3 EXTENDED SPARE RH	1	C
	191-14940-101	*1	LEADING EDGE SPARE ASSEMBLY, 6-3 EXTENDED SPARE LH	1	B
	191-14940-102	*1	LEADING EDGE SPARE ASSEMBLY, 6-3 EXTENDED SPARE RH	1	B
	191-14240-1		. LEADING EDGE ASSY, WOP 6-3 EXTENDED LH (SEE FIGURE 17) . . .	1	A,B
	191-14240-2		. LEADING EDGE ASSY, WOP 6-3 EXTENDED RH (SEE FIGURE 17) . . .	1	A,B
	191-14240-11		. LEADING EDGE ASSY, WOP 6-3 EXTENDED LH (SEE FIGURE 17) . . .	1	C
	191-14240-12		. LEADING EDGE ASSY, WOP 6-3 EXTENDED RH (SEE FIGURE 17) . . .	1	C
	193-48202-1	*2	. FUEL AND PRESSURE EQUIPMENT INSTL, EXTENDED WING LEADING . . EDGE DROP TANK LH (SEE FIGURE 41)	1	A,B,C
	193-48202-2	*2	. FUEL AND PRESSURE EQUIPMENT INSTL, EXTENDED WING LEADING . . EDGE DROP TANK RH (SEE FIGURE 41)	1	A,B,C
	176-68704		. BUNGEE ASSY, EMER JETTISON BP118 RETURN (SEE FIGURE 64) . .	1	A,B,C
	176-68714		. BUNGEE ASSY, EMER JETTISON BP118 OVERRIDING (SEE FIGURE 67)	1	A,B,C
	176-68720		. PIN, EMER JETTISON BP118 OVERRIDING BUNGEE (SEE FIGURE 67) .	1	A,B,C
	176-68724-1		. SUPPORT, EMER JETTISON OUTBD RETURN BUNGEE LH (SEE FIG. 64)	1	A,B,C
	176-68724-2		. SUPPORT, EMER JETTISON OUTBD RETURN BUNGEE RH (SEE FIG. 64)	1	A,B,C

WING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
3	176-68745-11	.	BELLCRANK ASSY, EMERGENCY JETTISON BP72 1/4 PLUNGER OPERATING COMPLETE LH (SEE FIGURE 64)	1	A,B,C
	176-68745-12	.	BELLCRANK ASSY, EMERGENCY JETTISON BP72 1/4 PLUNGER OPERATING COMPLETE RH (SEE FIGURE 64)	1	A,B,C
	176-68721	.	ROD ASSY, EMER JETTISON BP72 1/4 TIE (SEE FIG. 64)	1	A,B,C
	176-68739-3	.	BELLCRANK ASSY, EMERGENCY JETTISON BP72 1/4 FORWARD COMPLETE LH (SEE FIGURE 64)	1	A,B,C
	176-68739-4	.	BELLCRANK ASSY, EMERGENCY JETTISON BP72 1/4 FORWARD COMPLETE RH (SEE FIGURE 64)	1	A,B,C
	176-68769	.	CABLE ASSY, EMER JETTISON INBD WING LH (SEE FIGURE 64)	1	A,B
	176-68768	.	CABLE ASSY, EMER JETTISON INBD WING RH (SEE FIGURE 62)	1	A,B
	176-68754-15	.	MECHANISM ASSY, EMER JETTISON PLUNGER LH (SEE FIGURE 64)	1	A
	176-68754-16	.	MECHANISM ASSY, EMER JETTISON PLUNGER RH (SEE FIGURE 64)	1	A
	176-68754-11	.	MECHANISM ASSY, EMER JETTISON PLUNGER LH (SEE FIGURE 64)	1	B,C
	176-68754-12	.	MECHANISM ASSY, EMER JETTISON PLUNGER RH (SEE FIGURE 64)	1	B,C
	176-68754-13	.	MECHANISM ASSY, EMER JETTISON PLUNGER LH (SEE FIGURE 64)	1	B,C
	176-68754-14	.	MECHANISM ASSY, EMER JETTISON PLUNGER RH (SEE FIGURE 64)	1	B,C
	176-68791	.	CABLE ASSY, EMER JETTISON LE STA 91 THRU 150 (SEE FIGURE 64)	1	A
	187-54163	.	CORD ASSY, CANOPY PLUG DISCONNECT (SEE FIGURE 92)	1	A,B,C
	172-54066	.	CLIP ASSY, ELEC WING TIP LIGHT DISCONNECT (SEE FIGURE 90)	1	A,B,C
	176-54120	.	SUPPORT, BP99 1/2 ELEC OUTER WING FUEL TANK JACK	1	A,B,C
	176-54027-3	.	SUPPORT, BP81 ELEC OUTER WING AUX FUEL TANK JACK	1	A,B,C
	151-54115	.	COVER, ROCKET RACK ELECTRICAL CONNECTOR (SEE FIGURE 90)	4	A,B,C
	191-68770	.	CABLE ASSY, EMER JETTISON SYSTEM BP67.706 INBOARD LH	1	C
	191-68771	.	CABLE, EMER JETTISON SYS BP76.706 WING LE STA 76.166 WING LE. STATION 86.154	1	C
	176-68770	.	CABLE ASSY, EMER JETTISON WING LE STA 90 1/2 TO WING LE STA 105	1	B,C
	176-68771	.	CABLE ASSY, EMER JETTISON LE STA 105 TO LE STA 121	1	B,C
	176-68772	.	CABLE ASSY, EMER JETTISON WING LE STA 121 TO WING LE STA 136	1	B,C
	176-68773	.	CABLE ASSY, EMER JETTISON WING LE STA 136 TO WING LE STA 150	1	B,C
	AN3436-2-2	.	TERMINAL BLOCK ASSY (WING TIP LIGHT, RH WING, 1 REQ, SEE FIG. 90) (BOMB SALVO 1 REQ, ROCKET POD, 2 REQ, SEE FIG. 92)	4	A,B,C
	AN3436-2-7	.	TERMINAL BLOCK ASSY (GYROSYN COMPASS AND WING TIP LIGHT LH, SEE FIG 90) (USED ON 191-14940-1, -11 and -101)	1	A,B,C
	AN3436-2-12	.	TERMINAL BLOCK ASSY (LH WING FWD) (SEE FIG. 92)	1	A,B
	AN3436-4-2	.	TERMINAL BLOCK ASSY (RH WING RWD) (SEE FIG. 92)	2	C
	191-14248	.	DOOR, WOP 6-3 EXTENDED LE SURF. CONTROLS ACCESS (SEE FIG. 31)	1	A,B,C
	176-54136	.	GUARD, ELEC OUTER WING AUX FUEL TANK JACK (SEE FIG. 92)	2	A,B,C
	191-14251	.	DOOR, WOP 6-3 EXTENDED LE STA 13.696 FUEL LINE ACCESS (SEE FIGURE 31)	1	A,B,C
	191-14252-1	.	DOOR, WOP 6-3 EXTENDED LE STA 84.498 FUEL LINE ACCESS LH (SEE FIGURE 31)	1	A,B,C
	191-14252-2	.	DOOR, WOP 6-3 EXTENDED LE STA 84.498 FUEL LINE ACCESS RH (SEE FIGURE 31)	1	A,B,C
	191-14246	.	DOOR, WOP 6-3 EXTENDED LE HYD LINES ACCESS (SEE FIGURE 27)	3	A,B,C
	191-14247	.	DOOR, WOP 6-3 EXTENDED LE HYD LINES ACCESS (LH ONLY) (SEE FIGURE 31)	1	A,B,C
	191-14254	.	DOOR, WOP 6-3 EXTENDED LE STA 122.212 FUEL LINES ACCESS (SEE FIGURE 31)	1	A,B,C
	191-14256-1	.	DOOR ASSY, WOP 6-3 EXTENDED LE STA 104-524 FUEL ACCESS LH (SEE FIGURE 31)	1	A,B,C
	191-14256-2	.	DOOR ASSY, WOP 6-3 EXTENDED LE STA 104.524 FUEL ACCESS RH (SEE FIGURE 31)	1	A,B,C
	191-14257-1	.	DOOR ASSY, WOP 6-3 EXTENDED LE STA 120.332 FUEL LINE ACCESS LH (SEE FIGURE 31)	1	A,B,C
	191-14257-2	.	DOOR ASSY, WOP 6-3 EXTENDED LE STA 120-332 FUEL LINE ACCESS RH (SEE FIGURE 31)	1	A,B,C
	191-14255-1	.	DOOR ASSY, WOP 6-3 EXTENDED LE STA 89.598 FUEL LINES ACCESS LH (SEE FIGURE 31)	1	A,B,C
	191-14255-2	.	DOOR ASSY, WOP 6-3 EXTENDED LE STA 89.598 FUEL LINES ACCESS RH (SEE FIGURE 31)	1	A,B,C
	191-14253-1	.	DOOR, WOP 6-3 EXTENDED LE FUEL LINE ACCESS LH (SEE FIG. 31)	1	A,B,C
	191-14253-2	.	DOOR, WOP 6-3 EXTENDED LE FUEL LINE ACCESS RH (SEE FIG. 31)	1	A,B,C
	191-14244-1	.	DOOR ASSY, WOP 6-3 EXTENDED LE FUEL LINE ACCESS LH (SEE FIGURE 31)	1	A,B,C
	191-14244-2	.	DOOR ASSY, WOP 6-3 EXTENDED LE FUEL LINE ACCESS RH (SEE FIGURE 31)	1	A,B,C
	191-14819-3	.	DOOR, WOP 6-3 EXTENDED LE STA 80.781 LH (SEE FIGURE 31)	1	A,B,C
	191-14819-4	.	DOOR, WOP 6-3 EXTENDED LE STA 80.781 RH (SEE FIGURE 31)	1	A,B,C
	*				

*1 191-14940-1, -2, -11, -12, -101 and -102 ALSO INCLUDED ELECTRICAL WIRING, APPLICABLE HARDWARE AND ATTACHING PARTS

*2 193-48202-1 and -2 EXCLUDES 1 EA. OF A 3H2-20-15 HOSE AND 2EA. of AN737TW56 CLAMPS

USEABLE ON CODE: A 51-13341 thru 51-13510, 52-4505 thru 52-5113, 52-5272 thru 52-5386.
B 52-5114 thru 52-5271, 52-5387 thru 52-5530
C 53-1072 thru 53-1228

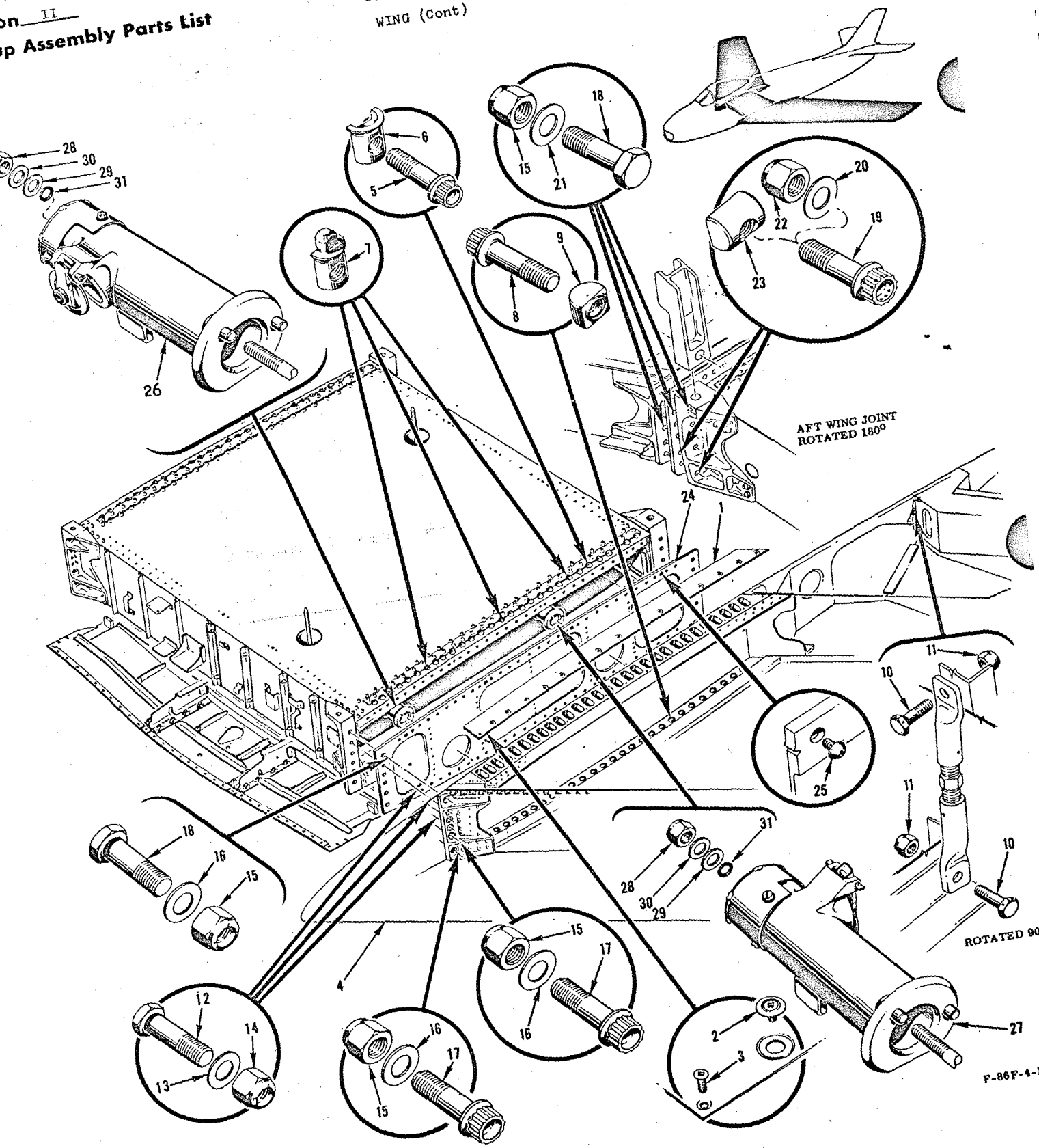


FIGURE 4 - COMPLETE WING

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
4	170-10001		WING INSTL, Complete (see fig. 5 for additional breakdown) . . .	NP	A,C
	191-10001		WING INSTL, Complete (see fig. 5 for additional breakdown) . . .	NP	D
	227-10001		WING INSTL, Complete (see fig. 5 for additional breakdown) . . .	NP	P
-1	151-14085-1	.	PLATE, WCS to outer panel joint upper cover LH	1	
	151-14085-2	.	PLATE, WCS to outer panel joint upper cover RH	1	
-2	SP1561-832-8	.	SCREW ASSY, (Shakeproof)	30	
-3	AN507-832R8	.	SCREW	2	
-4	170-14001	.	WING ASSY, Outer panel complete LH and RH . . . . . (see figure 7 for breakdown)	Ref	A,C
	191-14001-1	.	WING ASSY, Wing outer panel complete LH (see . . . . . figure 7 for breakdown)	1	H
	191-14001-2	.	WING ASSY, WOP complete RH (see fig. 7 for breakdown)	1	H
	191-14101-1	.	WING ASSY, Outer panel complete LH (see fig. 7 for . . . . . breakdown) (whn exh use 191-14101-31)	1	J
	191-14101-2	.	WING ASSY, Outer panel complete RH (see fig. 7 for . . . . . breakdown) (whn exh use 191-14101-32)	1	J
	191-14101-11	.	WING ASSY, Outer panel complete LH (see fig. 7 for breakdown)	1	K
	191-14101-12	.	WING ASSY, Outer panel complete RH (see fig. 7 for breakdown)	1	K
	191-14101-21	.	WING ASSY, Outer panel complete LH (see fig. 7 for breakdown)	1	L
	191-14101-22	.	WING ASSY, Outer panel complete RH (see fig. 7 for breakdown)	1	L
	191-14101-31	.	WING ASSY, Outer panel complete LH (see fig. 7 for breakdown) (use 191-14101-1 until exh)	1	J
	191-14101-32	.	WING ASSY, Outer panel complete RH (see fig. 7 for breakdown) (use 191-14101-2 until exh)	1	J
	227-14001-1	.	WING ASSY, Outer panel complete LH (see fig. 7 for breakdown)	1	P
	227-14001-2	.	WING ASSY, Outer panel complete RH (see fig. 7 for breakdown)	1	P
	ATTACHING PARTS				
-5	EWB18-7-14	*1 .	BOLT, (Standard Pressed Steel)	58	
-6	2034-070	.	BARREL NUT, (Elastic)	52	
-7	2033-070	.	BARREL NUT, (Elastic)	6	
-8	EWB18-8-17	*2 .	BOLT, (Standard Pressed Steel)	58	
-9	32-1451-080	.	BARREL NUT, (Elastic)	58	
-10	AN4H7A	.	BOLT	2	
-11	AN365-428	.	NUT	2	
-12	AN8-16A	.	BOLT	6	
-13	2W18-816	.	WASHER, Plain (North American)	6	
-14	AN365-820	.	NUT	6	
-15	AN365-918	.	NUT	14	
-16	2W18-916	.	WASHER, Plain (North American)	6	
-17	MS20009-16	.	BOLT, (use NAS149-30 & 172-10020 until exh)	4	
-18	AN9-16A	.	BOLT	10	
-19	EWB18-9H18	*3 .	BOLT, (Standard Pressed Steel)	4	E,M
	EWB18-9-18	*4 .	BOLT, (Standard Pressed Steel)	4	N
-20	NAS143-9	.	WASHER, X4130 125,000 to 145,000 psi plain	4	E,M
-21	NAS143-9	.	WASHER, X4130 125,000 to 145,000 psi plain	8	
-22	AN365-918	.	NUT	4	E,M
-23	S1452-098	.	BARREL NUT, (Elastic)	4	N
		---*---			
-24	151-13039-1	.	RIB ASSY, Wing center section BP29 LH	1	
	151-13039-2	.	RIB ASSY, Wing center section BP29 RH	1	
-25	AN520-416R7	.	SCREW	8	
-26	172-48107-11	.	VALVE ASSY, Outer to center wing fuel interconnector check . RH rear and LH fwd (use 151-48107-31 and 172-48107-1 until exh) (see fig. 15 for breakdown)	Ref	
-27	172-48107-12	.	VALVE ASSY, Outer to center wing fuel interconnector check . LH rear and RH fwd (use 151-48107-52 and 172-48107-2 until exh) (see fig. 15 for breakdown)	Ref	
-28	AN365-524	.	NUT	4	
-29	2W18-516L	.	WASHER, Plain (North American)	4	
-30	191-48106	.	WASHER, Fuel cell outer wing to center wing interconnector . swivel	4	
-31	MS29513-11	.	PACKING	4	

*1 Use Thompson Prod. 2319-27, 172-10019 and North American 5B24-7-14 until exh
*2 Use Thompson Prod. 2320-30, 172-10024 and North American 5B24-8-17 until exh
*3 Use NAS149DH32, 172-10021-5 and North American 5B24H9-18 until exh
*4 Use NAS149-32, 172-10021-3 and North American 5B24-9-18 until exh

USEABLE ON CODE:
A 51-2850 thru 51-2927, 51-2928 thru 51-12976
C 51-13070 thru 51-13169
D 51-13170 thru 53-1228
E 51-2850 thru 51-2906
H 51-13170 thru 51-13340, 52-4305 thru 52-4504
J 51-13341 thru 51-13510, 52-4505 thru 52-5163, 52-5272 thru 52-5530
K 52-5164 thru 52-5271
L 53-1072 thru 53-1228
M 51-13070 thru 51-13089
N 51-2907 thru 51-13069, 51-13090 and subs
P 55-3816 and subs

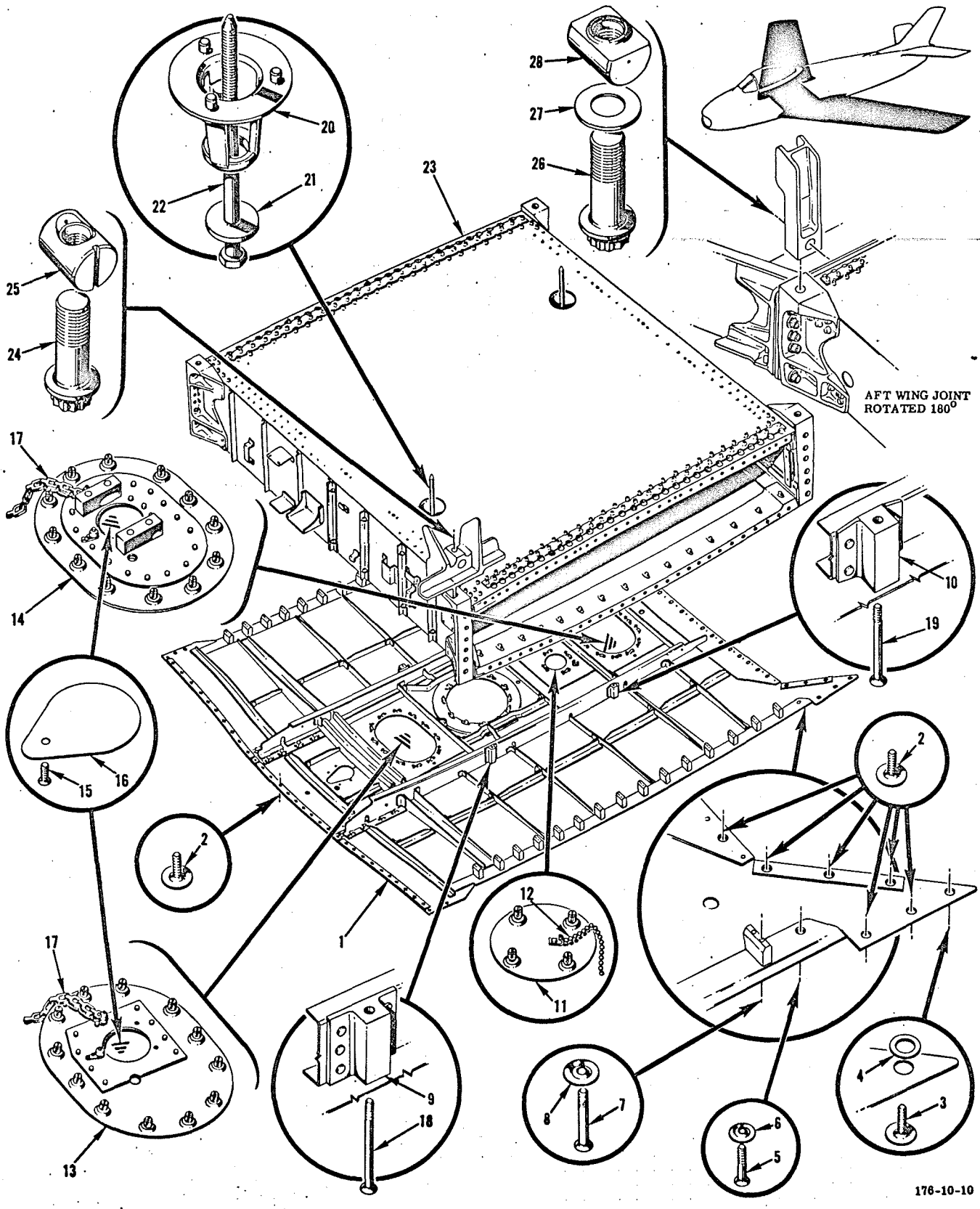


FIGURE 5 - COMPLETE WING (Cont)

WING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
5	170-10001	WING INSTALLATION, Complete (see figure 4 for additional breakdown)	NP	A,B,C
	191-10001	WING INSTALLATION, Complete (see figure 4 for additional breakdown)	NP	D,E,F,G
	227-10001	WING INSTALLATION, Complete (see figure 4 for additional breakdown)	NP	J
-1	161-10005	. FAIRING ASSY, WCS sta 126.875 to 178 (useable on airplanes noted, whn exh use 161-10005-201)	1	H
	161-10005-101	. FAIRING ASSY, WCS sta 126.875 to 178 (useable on airplanes noted, whn exh use 161-10005-201)	1	G,L
	161-10005-201	. FAIRING ASSY, WCS sta 126.875 to 178 (use 161-10005 or 161-10005-101 until exh on those airplanes from which part was removed)	1	
	ATTACHING PARTS			
-2	SP1561-832-11	. SCREW, (Shakeproof)	71	
-3	SP1561-832-13	. SCREW, (Shakeproof)	2	
-4	AN960D616	. WASHER	2	
-5	NAS204-15	. SCREW, 100° flat head Phillips recess 8-32	2	A,B,C
	AN509-8R15	. SCREW	2	D,E,F,G,J
-6	A3135SS	. WASHER, (Tinnerman)	2	
-7	AN509-10-27	. SCREW	30	
-8	A3235SS020	. WASHER, (Tinnerman)	2	
	---*---			
	161-10005-11	. . FAIRING SUB-ASSY, Wing center section sta 126.875	1	K
	161-10005-141	. . FAIRING SUB-ASSY, Wing center section sta 126.875	1	J
-9	140-10009-1	. . . SPACER, Wing center section fairing front LH	1	
	140-10009-2	. . . SPACER, Wing center section fairing front RH	1	
-10	140-10010	. . . SPACER, Wing center section fairing aft	2	
-11	140-10008	. . . DOOR ASSY, Wing center section fuel drain access	1	
-12	9C1-1-5	. . . CHAIN, Bead (North American)	1	
-13	151-10017	. . . DOOR ASSY, Wing center section fairing fuel booster pump access forward	1	
-14	151-10007	. . . DOOR ASSY, Wing center section fairing fuel booster pump access aft	1	
-15	AN509-10R9	. . . . SCREW	1	
-16	140-14158	. . . . COVER, Wing outer panel fuel tank sump drain	1	
-17	9C1-3-5	. . . CHAIN, Safety (North American)	2	
-18	AN509-10R8	. . SCREW	4	
-19	NAS205-35	. SCREW, 100° flat head Phillips recess alloy steel 10-32	2	A,B,C,D
	AN509-10R35	. SCREW	2	E,F,G,J
-20	151-48135-11	. SPIDER ASSY, Forward fuselage to center wing fuel cell interconnector	2	
	151-48109	. . STUD, Outer to center wing fuel cell interconnector check valve	2	
-21	2W1AL22-36-125	. WASHER, Plain (North American)	2	
-22	191-48117	. BOLT, Forward fuselage to center wing fuel cell interconnector (191-48117 is used together with AN365-524) (use 151-48117 until exh)	2	
-23	170-13601-41	. WING ASSY, Intermediate center section (see figure 6 for breakdown)	1	A
	170-13601-51	. WING ASSY, Intermediate center section (see figure 6 for breakdown)	1	B
	170-13601-71	. WING ASSY, Intermediate center section (see figure 6 for breakdown)	1	C,D
	170-13601-81	. WING ASSY, Intermediate center section (see figure 6 for breakdown)	1	E,F
	170-13601-91	. WING ASSY, Intermediate center section (see figure 6 for breakdown)	1	G
	ATTACHING PARTS			
-24	NAS152DH35	. BOLT, Internal wrenching steel 3/4-16	2	*1
-25	117-31923	. NUT, Engine mount to fuselage upper attaching	2	
-26	MS20012-18	. BOLT, (use NAS152-35 until exh)	2	*1
-27	140-14183	. WASHER, Wing center section to fuselage attaching rear bolt	2	
-28	32-1452-126	. BARREL NUT, (Elastic)	2	
	---*---			

*1 Refer to T. O. 1F-86-535.

USEABLE ON CODE:
A 51-2850 thru 51-12976
B 51-13070 thru 51-13129
C 51-13130 thru 51-13169
D 51-13170 thru 51-13226
E 51-13227 thru 51-13510
F 52-4305 thru 52-5530
G 53-1072 thru 53-1228
H 51-2850 thru 52-5530
J 55-3816 and subs
K 51-2850 thru 53-1228
L 52-4305 thru 52-5271

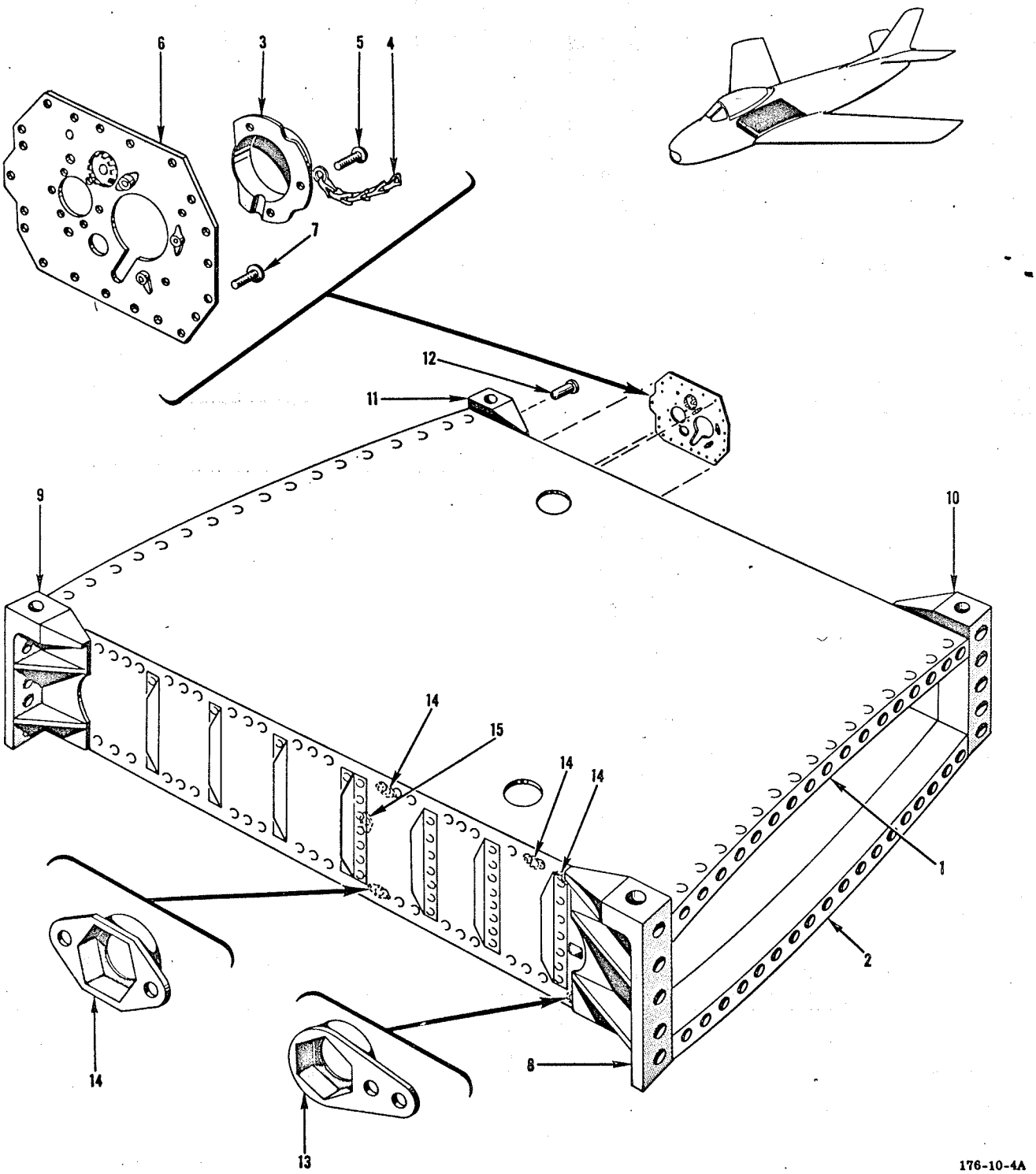


FIGURE 6 - INTERMEDIATE WING CENTER SECTION

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
6	170-13601-41	WING ASSY, Intermediate center sect. (see fig. 5 for next assy).	Ref	A
	170-13601-51	WING ASSY, Intermediate center sect. (see fig. 5 for next assy).	Ref	B
	170-13601-71	WING ASSY, Intermediate center sect. (see fig. 5 for next assy).	Ref	C,D
	170-13601-81	WING ASSY, Intermediate center sect. (see fig. 5 for next assy).	Ref	E,F M
	170-13601-91	WING ASSY, Intermediate center sect. (see fig. 5 for next assy).	Ref	J,K
	172-48013	. FUEL SYSTEM EQUIPMENT INSTALLATION, Center Wing (see figure 38 for breakdown)	NP	
	170-51013	. INSTRUMENT EQUIPMENT INSTALLATION, Wing center section (see figure 73 for breakdown).	NP	A
	176-51013	. INSTRUMENT EQUIPMENT INSTALLATION, Wing center section (see figure 73 for breakdown).	NP	G
	172-58066	. HYDRAULIC EQUIPMENT INSTALLATION, Wing center section (see figure 80 for breakdown).	NP	
	170-52013	. SURFACE CONTROLS INSTALLATION, Wing center (see figure 75 for breakdown).	NP	L
	176-54014-3	. ELECTRICAL EQUIPMENT INSTALLATION, Wing center section (see figure 95 for breakdown).	NP	H
	191-54014-3	. ELECTRICAL EQUIPMENT INSTALLATION, Wing center section (see figure 95 for breakdown).	NP	J,K
	227-54014-3	. ELECTRICAL EQUIPMENT INSTALLATION, Wing center section (see figure 95 for breakdown).	NP	M
	170-13001-31	. WING ASSEMBLY, Center section.	1	A,B
	170-13001-51	. WING ASSEMBLY, Center section.	1	C,D
	170-13001-61	. WING ASSEMBLY, Center section.	1	E,F,J, K,M
-1	140-13029-21	. . FITTING ASSY, Wing center section to outer panel upper inbd splice LH (use 150-13029-11 until exh).	1	
	140-13029-22	. . FITTING ASSY, Wing center section to outer panel upper inbd splice RH (use 140-13029-12 until exh).	1	
	140-13031-11	. . . SPACER, Wing center section to outer panel splice fitting LH (use 140-13031-1 Until exh)	1	

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
	140-13031-12	. . . SPACER, Wing center section to outer panel splice fitting RH (use 140-13031-2 until exh). . .	1	
-2	140-13030-1	. . FITTING ASSEMBLY, Wing center section to outer panel lower inbd splice LH	1	
	7578-130009-11*1			
	140-13030-2	. . FITTING ASSEMBLY, Wing center section to outer panel lower inbd splice RH.	1	
	7578-130009-12*1			
	140-13032-11	. . . SPACER, Wing center section to outer panel lower inbd splice fitting LH (use 140-13032-1 until exh). .	1	
	140-13032-12	. . . SPACER, Wing center section to outer panel lower inbd splice fitting RH (use 140-13032-2 until exh). .	1	
-3	151-13043	. . COVER, Wing center section rear spar fuel level transmitting duct. . . .	1	
-4	9C1-3-10	. . CHAIN, Safety (North American). . .	1	
-5	AN520-10-8	. . SCREW.	3	
-6	151-13038-21	. . DOOR ASSEMBLY, WCS rear spar interconnector fitting access.	1	
	48166	. . . PLUG, (United-Carr).	1	
	151-13038-7	. . . SEAL, WCS rear spar interconnector fitting access	1	
-7	NAS221-13	. . SCREW, Brazier head Phillips recess 10-32.	20	
	170-13003-21	. . SPAR ASSEMBLY, Wing center section front.	1	
-8	152-13027-3	. . . FITTING, Wing center section front spar to fuselage attaching LH. . .	1	
	152-13027-23 *1			
-9	152-13027-4	. . . FITTING, Wing center section front spar to fuselage attaching RH. . .	1	
	152-13027-24 *1			
	151-13005-21	. . SPAR ASSEMBLY, Wing center section rear.	1	
-10	152-13028-7	. . . FITTING ASSEMBLY, Wing center section rear spar to fuselage attaching LH (use 140-13028-2 until exh).	1	
	152-13027-21 *1			
-11	152-13028-8	. . . FITTING ASSEMBLY, Wing center section rear spar to fuselage attaching RH (use 140-13028-2 until exh).	1	
	152-13028-22 *1			
		*1 For aircraft modified by T.O. 1F-86F-544.		

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
-12	140-13033-3	. . PIN, Wing center section fitting centering.	6	
-13	6810-048 AN4-11A	. . BOLT RETAINER, One lug (Nutt-Shel).	1	
		. . BOLT.	1	
-14	6800-048 AN4-11A	. . BOLT RETAINER, Two lug (Nutt-Shel).	4	
		. . BOLT.	4	
-15	6800-048 AN4-10A	. . BOLT RETAINER, Two lug (Nutt-Shel).	1	
		. . BOLT.	1	
	USEABLE ON CODE:	A 51-2850 thru 51-12976		
		B 51-13070 thru 51-13129		
		C 51-13130 thru 51-13169		
		D 51-13170 thru 51-13226		
		E 51-13227 thru 51-13340		
		F 51-4305 thru 51-4504		
		G 151-13070 and subs		
		H 51-13070 thru 51-13340 & 52-4305 thru 52-4504		
		J 51-13341 thru 51-13510 & 52-4505 thru 52-5530		
		K 53-1072 thru 53-1228		
		L 51-13130 and subs		
		M 55-3816 and subs		

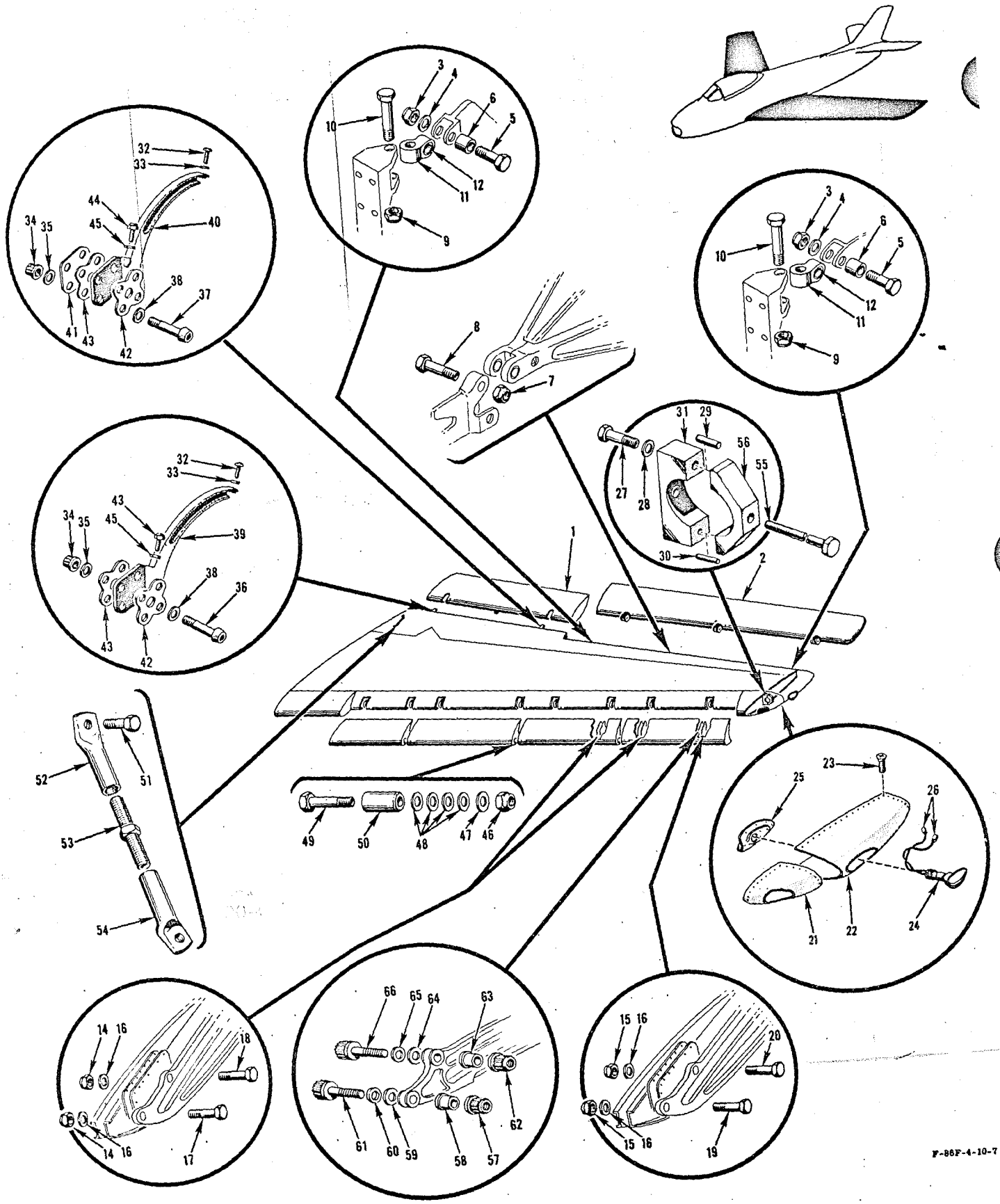


FIGURE 7 - COMPLETE OUTER PANEL WING ASSEMBLY

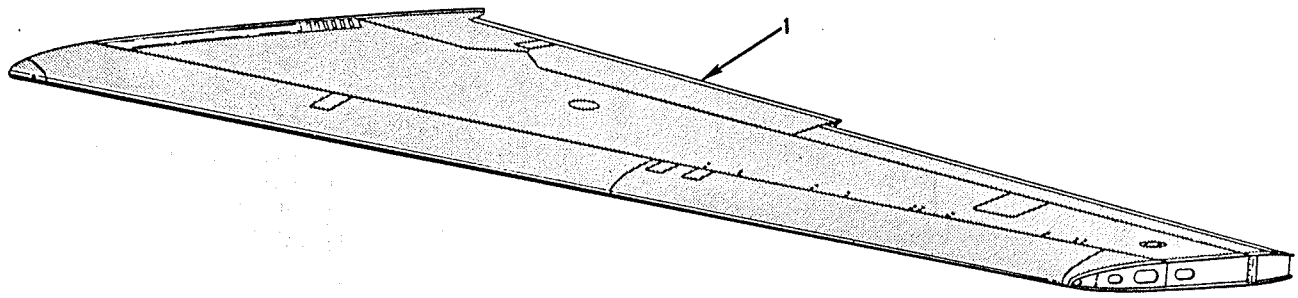
FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
7	170-14001-61		WING ASSY, Outer panel complete LH (see fig. 4 for next assy) .	Ref	A
	170-14001-62		WING ASSY, Outer panel complete RH (see fig. 4 for next assy) .	Ref	A
	170-14001-81		WING ASSY, Outer panel complete LH (see fig. 4 for next assy) .	Ref	B
	170-14001-82		WING ASSY, Outer panel complete RH (see fig. 4 for next assy) .	Ref	B
	170-14001-51		WING ASSY, Outer panel complete LH (see fig. 4 for next assy) .	Ref	C
	170-14001-52		WING ASSY, Outer panel complete RH (see fig. 4 for next assy) .	Ref	C
	191-14001-1	*4	WING ASSY, Outer panel complete LH (see fig. 4 for next assy) . (whn exh use 191-14001-11)	Ref	L
	191-14001-2	*4	WING ASSY, Outer panel complete RH (see fig. 4 for next assy) . (whn exh use 191-14001-12)	Ref	L
	191-14001-11	*4	WING ASSY, Outer panel complete LH (see fig. 4 for next assy) . (use 191-14001-1 untl exh)	Ref	L
	191-14001-12	*4	WING ASSY, Outer panel complete RH (see fig. 4 for next assy) . (use 191-14001-2 untl exh)	Ref	L
	191-14101-1	*5	WING ASSY, Outer panel complete LH (see fig. 4 for next assy) . (whn exh use 191-14101-31)	Ref	M
	191-14101-2	*5	WING ASSY, Outer panel complete RH (see fig. 4 for next assy) . (whn exh use 191-14101-32)	Ref	M
	191-14101-11		WING ASSY, Outer panel complete LH (see fig. 4 for next assy) .	Ref	F
	191-14101-12		WING ASSY, Outer panel complete RH (see fig. 4 for next assy) .	Ref	F
	191-14101-21		WING ASSY, Outer panel complete LH (see fig. 4 for next assy) .	Ref	G
	191-14101-22		WING ASSY, Outer panel complete RH (see fig. 4 for next assy) .	Ref	G
	191-14101-31	*5	WING ASSY, Outer panel complete LH (see fig. 4 for next assy) . (use 191-14101-1 untl exh)	Ref	M
	191-14101-32	*5	WING ASSY, Outer panel complete RH (see fig. 4 for next assy) . (use 191-14101-2 untl exh)	Ref	M
	227-14001-1		WING ASSY, Outer panel complete LH (see fig. 4 for next assy) .	Ref	K
	227-14001-2		WING ASSY, Outer panel complete RH (see fig. 4 for next assy) .	Ref	K
	No Number		. WING OUTER PANEL DOORS AND COVERS, (see figure 31)	NP	
	No Number		. WING OUTER PANEL FITTING PLUGS, (see fig. 9 for breakdown) .	NP	
	No Number		. WING OUTER PANEL ASSEMBLIES, (see figure 8 for breakdown) . .	NP	
-1	177-18001-201		. FLAP ASSY, Complete LH (use 165-18001-201, 165-18001-301, . . 165-18001-101 and 177-18001-101 untl exh) (see fig. 32 for breakdown)	1	J
	177-18001-202		. FLAP ASSY, Complete RH (use 165-18001-22, 165-18001-32, . . . 165-18001-2 and 177-18001-2 untl exh) (see figure 32 for breakdown	1	J
	227-18001-1		. FLAP ASSY, Complete LH (see fig. 33 for breakdown).	1	K
	227-18001-2		. FLAP ASSY, Complete RH (see fig. 33 for breakdown	1	K
	227-18001-101		. FLAP ASSY, Complete LH (use 227-18001-1 untl exh) . . . . . (see fig. 33 for breakdown)	1	K
	227-18001-102		. FLAP ASSY, Complete RH (use 227-18001-2 untl exh) . . . . . (see fig. 33 for breakdown)	1	K
-2	165-16001-1		. AILERON ASSY, Complete LH (see fig. 34 for breakdown)	1	J,*9
	165-16001-101		. AILERON ASSY, Complete LH (see fig. 34 for breakdown)	1	N,*9
	165-16001-2		. AILERON ASSY, Complete RH (see fig. 34 for breakdown)	1	J,*9
	165-16001-102		. AILERON ASSY, Complete RH (see fig. 34 for breakdown)	1	N,*9
	ATTACHING PARTS				
-3	AN365-428		. NUT	2	
-4	AN960D416		. WASHER.	2	
-5	AN174-15A		. BOLT.	2	
-6	165-16012		. RACE, Inboard and outboard hinge bearing inner.	2	
-7	AN364-624		. NUT	1	
-8	NAS464-6A40		. BOLT, Shear close tolerance	1	
-9	AN365-428		. NUT	2	
-10	AN4-14A		. BOLT.	2	
-11	165-16009		. FITTING ASSY, Aileron inboard and outboard hinge.	2	A,B
	187-16009		. FITTING ASSY, Aileron inboard and outboard hinge.	2	H
-12	B68		. . BEARING, (Torrington)	1	A,B
	B68POH		. . BEARING, (Torrington)	1	H
	---*---				
	165-16003-11		. SEAL AND COUNTERBALANCE INSTALLATION, Aileron LH. . . . . (see figure 34 for breakdown)	NP	
	165-16003-12		. SEAL AND COUNTERBALANCE INSTALLATION, Aileron RH. . . . . (see figure 34 for breakdown)	NP	
-13	No Number		. SLAT ASSEMBLIES LH AND RH, (see figure 10 for breakdown) . .	NP	*8
-14	AN365-624		. NUT	14	
-15	AN365-624		. NUT	2	
-16	AN960D616		. WASHER	32	
	2W7-616		. WASHER, Salvage (North American) (used under head of bolts) .	32	
-17	AN6-13A		. BOLT.	15	
-18	AN6-12A		. BOLT.	15	
-19	AN6-12A		. BOLT.	1	
-20	AN6-13A		. BOLT.	1	
-21	165-14423-51	*1,*9	. NOSE ASSEMBLY, RH wing tip	1	A,B,C,D
-22	161-14414-121		. TIP ASSEMBLY, Wing LH	1	A,B,C,D
	170-14414-21		. TIP ASSEMBLY, Wing RH	1	A,B,C,D
	172-14713-1	*2	. TIP ASSEMBLY, Wing extended 6-3 leading edge LH	1	E,F,G
	172-14713-2	*2	. TIP ASSEMBLY, Wing extended 6-3 leading edge RH	1	E,F,G
	172-14713-3		. . SHELL, Wing extended 6-3 leading edge LH	1	E,F,G
	172-14713-4		. . SHELL, Wing extended 6-3 leading edge RH	1	E,F,G
-23	AN507C832R10	*2	. SCREW, (LH only).	58	
	AN507C832R10	*2	. SCREW, (RH only).	61	
-24	AN3033-7	*2	. . LIGHT ASSEMBLY, (LH only).	1	

WING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
7	AN3033-8	*2	. . LIGHT ASSEMBLY, (RH only)	1	
	AN3042-3	*2	. . . COVER, Wing position light (red)	1	
	AN3042-4	*2	. . . COVER, Wing position light (green)	1	
	AN3122-1524	*2	. . . LAMP	1	
-25	1071	*2	. . COUPLER, (female portion) (Littelfuse)	1	A,B,C,D
	2347	*2	. . COUPLER, (female portion) (Insuline Corp)	1	E,F,G
	1071	*2	. . COUPLER, (male portion) (Littelfuse)	1	A,B,C,D
	2347	*2	. . COUPLER, (male portion) (Insuline Corp)	1	E,F,G
-26	165-14503	*2	. MOUNT, Wing tip light external	1	
-27	5B17C5A		BOLT, Corrosion resistant 10-32 (North American) (RH only)	2	A,B,C,D
-28	AN960C10		WASHER, (RH only)	2	A,B,C,D
	165-51107-21	*1,*3	FITTING ASSY AND CLAMP, Wing outer panel airspeed boom forward attaching (RH only)	1	A,B,C,D
-29	165-51107-7	*3	. PIN, Wing outer panel airspeed boom forward attaching (RH only)	1	A,B,C,D
-30	165-51107-11	*3	. PIN, Wing outer panel airspeed boom forward attaching (RH only)	1	A,B,C,D
-31	165-51107-13	*3	. FITTING, WOP airspeed boom attaching (RH only)	1	A,B,C,D
-32	NAS221-11		SCREW, Brazier head Phillips recess alloy steel 10-32	2	
-33	AN960C10		WASHER	2	
-34	EB080		NUT, (Elastic)	8	
-35	NAS143-8		WASHER, X4130 125,000 to 145,000 psi plain	8	
-36	NAS148-30		BOLT, Internal wrenching steel 1/2-20	8	
-37	NAS148-29		BOLT, Internal wrenching steel 1/2-20	8	
-38	NAS143-8C		WASHER, X4130 125,000 to 145,000 psi countersunk	8	
-39	151-18128-11		TRACK ASSY, Flap inboard (use 151-18128-5 until exh)	1	
	151-18128-3		. TRACK, Flap inboard	1	
-40	151-18011-11		TRACK ASSY, Flap outboard (use 151-18011-5 until exh)	1	
	151-18011-3		. TRACK, Flap outboard	1	
-41	140-18017-7		PLATE, Flap track to wing attaching	1	
-42	140-18017-9		PLATE, Flap track to wing attaching	2	
-43	140-18017-11		PLATE, Flap track to wing attaching	2	
-44	NAS428-4-7		BOLT, Crowned hexagon head (use 140-18012 until exh)	2	
-45	AN316-4		NUT	2	
-46	AN365-524		NUT	3	
-47	2W1-21-28-64		WASHER, Plain (North American)	6	
-48	AN960C516C		WASHER	AR	
-49	AN5-22A		BOLT	3	
-50	161-17170		SPACER, Wing slat interconnector	3	
-51	AN4H7A		BOLT	1	D,E,F,G
-52	140-14166-3		TERMINAL, Landing gear beam to fuselage turnbuckle attaching	1	
-53	140-14167		TURNBUCKLE, Landing gear beam to fuselage attaching	1	
-54	140-14166-5		TERMINAL, Landing gear beam to fuselage attaching	1	
-55	165-51107-9	*3	CLAMP, Wing outer panel airspeed boom attaching (RH only) (refer to figure 74)	1	A,B,C,D
-56	AN3-25A		BOLT, (RH only)	1	A,B,C,D
-57	EB054	*6	NUT, (Elastic)	8	K
-58	180-17123	*6	BUSHING, WOP 15° slat to track attaching	8	K
-59	202-14829-5	*6	WASHER, WOP LE 6-3 with slats slat to track attaching	8	K
-60	2W10-5	*6	WASHER, Countersunk (North American)	8	K
-61	EWB18-5-24	*6	BOLT, (Standard Pressed Steel) (use North American. 5B24-5-24 until exh)	8	K
-62	EB064	*7	NUT, (Elastic).	8	K
-63	180-17069-3	*7	BUSHING, Slat to track attaching	8	K
-64	202-14829-3	*7	WASHER, WOP LE 6-3 with slats slat to track attaching	8	K
-65	2W10-3	*7	WASHER, Countersunk (North American)	8	K
-66	EWB18-6-24	*7	BOLT, (Standard Pressed Steel) (use North American. 5B24-6-24 until exh)	8	K
	187-14480-1		TIP ASSY, WOP extended LE wing LH (see fig. 21 for breakdown)	1	K,*8
	187-14480-2		TIP ASSY, WOP extended LE wing RH (see fig. 21 for breakdown)	1	K,*8
	187-14511-1		DOOR, WOP 12 in. tip extension intermediate access LH	1	K,*8
	187-14511-2		DOOR, WOP 12 in. tip extension intermediate access RH	1	K,*8

*1 Use 165-14423 together with 165-51107-3 until exh, when exh use 165-14423-51 together with 165-51107-21.
*2 Also useable on airplanes within the coding 51-2850 thru 51-2927 modified per T. O. 1F-86-109.
*3 Matched component, do not stock separately, part No. 165-51907.
*4 191-14001-1 and -2 reworked in accordance with T. O. 1F-86F-214 have been reidentified as 191-14001-11 and -12.
*5 191-14101-1 and -2 reworked in accordance with T. O. 1F-86F-214 have been reidentified as 191-14101-31 and -32.
*6,*7 Used at LE stations 74.917, 129.853, 184.789 & 239.725 installation reversed (nut on inbd side) LE stas 60.184, 97-391, 154.324 & 209.260
*8 Also used on airplanes 51-13170 thru 53-1227 modified per T.O. 1F-86F-516
*9 Refer to T. O. 1F-86F-516, and -516B

USEABLE ON CODE:
A 51-2850 thru 51-2927
B 51-2928 thru 51-12976
C 51-13070 thru 51-13169
D 51-13170 thru 51-13340, 51-4305 thru 51-4504
E 51-13341 thru 51-13510, 52-4505 thru 52-5163, 52-5272 thru 52-5530
F 52-5164 thru 52-5271
G 53-1072 thru 53-1228
H 51-13070 and subs
*9J 51-2850 thru 51-13169
K 55-3816 and subs
L 51-13170 thru 51-13468 52-4305 thru 52-4805
M 51-13469 thru 51-13510 52-4806 thru 53-1228
*9N 51-13170 and subs



176-10-12

FIGURE 8 - WING OUTER PANEL ASSEMBLIES

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
8	No Number	WING OUTER PANEL ASSEMBLIES, (see figure 7 for next assy)	NP	
	170-14601-61	. WING ASSEMBLY, Outer panel LH	1	A
	170-14601-62	. WING ASSEMBLY, Outer panel RH	1	A
	170-14601-81	. WING ASSEMBLY, Outer panel LH	1	B
	170-14601-82	. WING ASSEMBLY, Outer panel RH	1	B
	170-14601-51	. WING ASSEMBLY, Outer panel LH	1	C
	170-14601-52	. WING ASSEMBLY, Outer panel RH	1	C
	191-14601-1	. WING ASSEMBLY, Outer panel LH	1	D
	191-14601-2	. WING ASSEMBLY, Outer panel RH	1	D
	191-14601-11	. WING ASSEMBLY, Outer panel LH	1	E
	191-14601-12	. WING ASSEMBLY, Outer panel RH	1	E
	191-14601-21	. WING ASSEMBLY, Outer panel LH	1	F
	191-14601-22	. WING ASSEMBLY, Outer panel RH	1	F
	191-14601-31	. WING ASSEMBLY, Outer panel LH	1	G
	191-14601-32	. WING ASSEMBLY, Outer panel RH	1	G
	227-14601-1	. WING ASSEMBLY, Outer panel LH	1	H
	227-14601-2	. WING ASSEMBLY, Outer panel RH	1	H
-1	170-14002-41	. . WING ASSY, Outer panel intermediate LH (see figure 13)	1	A
	170-14002-42	. . WING ASSY, Outer panel intermediate RH (see figure 13)	1	A
	170-14002-81	. . WING ASSY, Outer panel intermediate LH (see figure 13)	1	B,C
	170-14002-82	. . WING ASSY, Outer panel intermediate RH (see figure 13)	1	B,C
	191-14002-1	. . WING ASSY, Outer panel intermediate LH (see figure 14)	1	D
	191-14002-2	. . WING ASSY, Outer panel intermediate RH (see figure 14)	1	D
	191-14002-11	. . WING ASSY, Outer panel intermediate LH (see figure 14)	1	E
	191-14002-12	. . WING ASSY, Outer panel intermediate RH (see figure 14)	1	E
	191-14002-21	. . WING ASSY, Outer panel intermediate LH (see figure 14)	1	F
	191-14002-22	. . WING ASSY, Outer panel intermediate RH (see figure 14)	1	F
	191-14002-31	. . WING ASSY, Outer panel intermediate LH (see figure 14)	1	G
	191-14002-32	. . WING ASSY, Outer panel intermediate RH (see figure 14)	1	G
	227-14002-1	. . WING ASSY, Outer panel intermediate LH (see figure 14)	1	H
	227-14002-2	. . WING ASSY, Outer panel intermediate RH (see figure 14)	1	H
	170-51114	. . INSTRUMENT EQUIP. INSTL, Right wing (see fig. 74 for bkdn)	NP	J
	227-51114	. . INSTRUMENT EQUIP. INSTL, Right wing (see fig. 74 for bkdn)	NP	H
	151-51014	. . INSTRUMENT EQUIP. INSTL, Left wing (see fig. 74 for bkdn)	NP	
	172-48014-51	. . FUEL SYSTEM EQUIPMENT INSTL, Wing LH (see figure 39 for breakdown)	NP	
	172-48014-52	. . FUEL SYSTEM EQUIPMENT INSTL, Wing RH (see figure 39 for breakdown)	NP	
	170-58063-1	. . HYDRAULIC EQUIPMENT INSTL, Wing LH (see figure 83 for breakdown)	NP	A,B,C
	170-58063-2	. . HYDRAULIC EQUIPMENT INSTL, Wing RH (see figure 83 for breakdown)	NP	A,B,C
	191-58063-1	. . HYD EQUIP. INSTL, Wing LH (see fig. 83 for breakdown)	NP	D,E,F,G,H
	191-58063-2	. . HYD EQUIP. INSTL, Wing RH (see fig. 83 for breakdown)	NP	D,E,F,G,H
	170-54014-1	. . ELECTRICAL EQUIP. INSTL, LH (see fig. 90 for breakdown)	NP	A,B
	170-54014-2	. . ELECTRICAL EQUIP. INSTL, RH (see fig. 90 for breakdown)	NP	A,B
	176-54014-1	. . ELECTRICAL EQUIP. INSTL, LH (see fig. 90 for breakdown)	NP	C,D
	176-54014-2	. . ELECTRICAL EQUIP. INSTL, RH (see fig. 90 for breakdown)	NP	C,D
	191-54014-1	. . ELECTRICAL EQUIP. INSTL, LH (see fig. 90 for breakdown)	NP	E,F
	191-54014-2	. . ELECTRICAL EQUIP. INSTL, RH (see fig. 90 for breakdown)	NP	E,F
	202-54014-1	. . ELECTRICAL EQUIP. INSTL, LH (see fig. 90 for breakdown)	NP	G
	202-54014-2	. . ELECTRICAL EQUIP. INSTL, RH (see fig. 90 for breakdown)	NP	G
	227-54014-1	. . ELECTRICAL EQUIP. INSTL, LH (see fig. 90 for breakdown)	NP	H
	227-54014-2	. . ELECTRICAL EQUIP. INSTL, RH (see fig. 90 for breakdown)	NP	H
	191-54025-3	. . ELECTRICAL EQUIP. INSTL, Wing special stores (see fig. 328 for breakdown)	NP	F,G
	191-54025-5	. . ELECTRICAL EQUIP. INSTL, Wing special stores (see fig. 328 for breakdown)	NP	H
	170-52014-1	. . SURFACE CONTROL INSTL, Wing outer panel LH (see figure 77 for breakdown)	NP	
	170-52014-2	. . SURFACE CONTROL INSTL, Wing outer panel RH (see figure 77 for breakdown)	NP	

USEABLE ON CODE:
A 51-2850 thru 52-12927
B 51-2928 thru 51-12976
C 51-13070 thru 51-13169
D 51-13170 thru 51-13340, 51-4305 thru 51-4504
E 51-14451 thru 51-13510, 52-4505 thru 52-5163, 52-5272 thru 52-5530
F 52-5164 thru 52-5271
G 53-1072 thru 53-1228
H 55-3816 and subs
J 51-2850 thru 53-1228

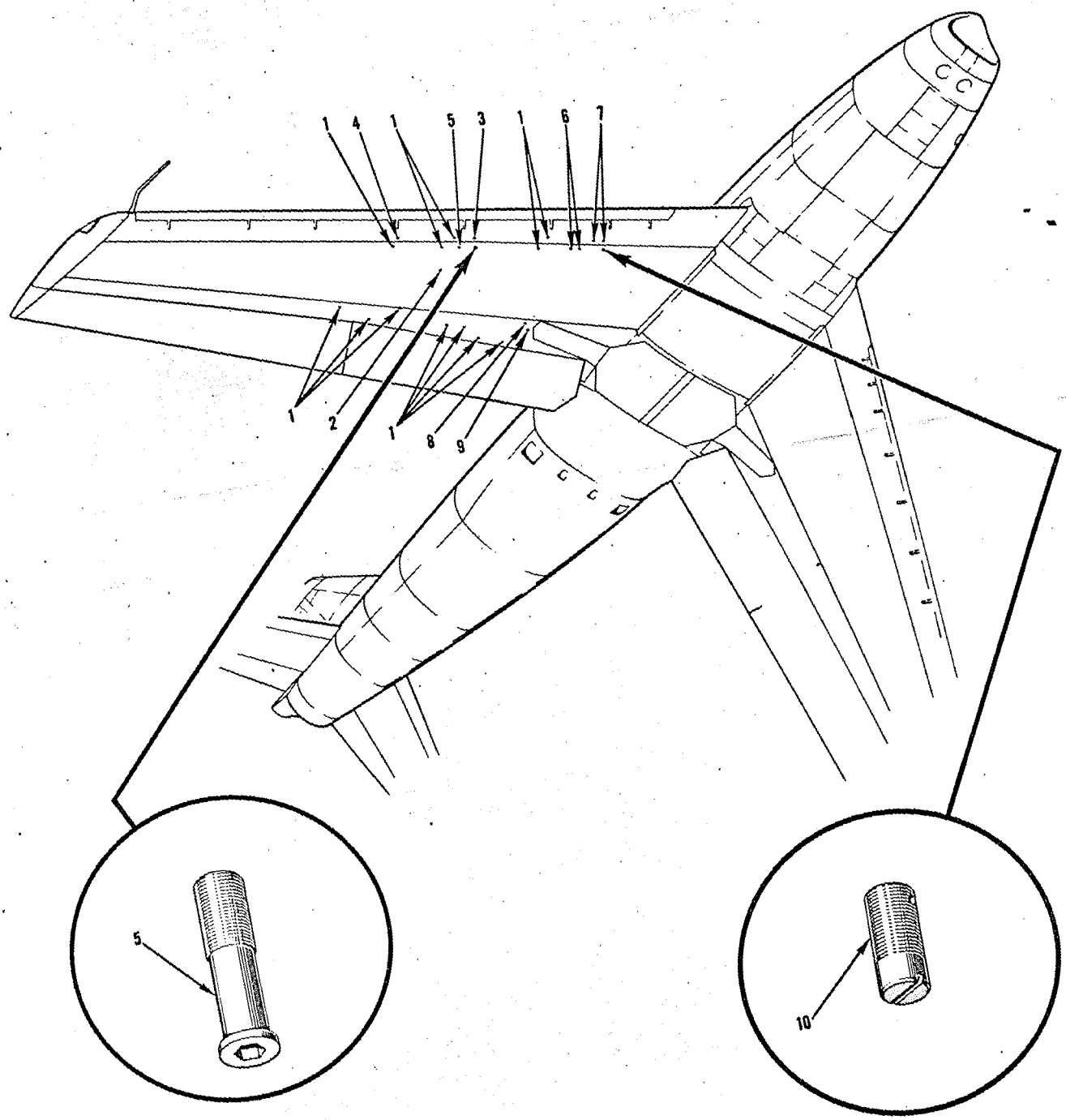


FIGURE 9 - WING OUTER PANEL FITTING PLUGS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
9	No Number		WING OUTER PANEL FITTING PLUGS, (see figure 7 for next assy) . .	NP	
	151-14029		. PLUG ASSY, WOP front & rear rocket & bomb hoist fittings . .	*1	
-1	151-14029-3		. . PLUG, WOP front & rear rocket and bomb hoist fitting . . .	*1	
	151-14029-5		. . INSERT, WOP front & rear rocket and bomb hoist fitting . .	*1	
-2	151-14029-21		. PLUG ASSY, WOP front & rear rocket and bomb hoist fitting . .	3	
	151-14029-9		. . PLUG, WOP front and rear rocket and bomb hoist fitting . .	3	
	151-14029-17		. . INSERT, WOP front & rear rocket and bomb hoist fitting . .	3	
-3	157-14029-3		. PLUG, Wing outer panel bomb and bomb hoist fitting	1	A
-4	157-14029-9		. PLUG, Wing outer panel bomb and bomb hoist fitting	1	A
	151-14029-21		. PLUG, Wing outer panel bomb and bomb hoist fitting	1	B
-5	157-14029-11		. PLUG, Wing outer panel bomb and bomb hoist fitting	2	
	187-14419-31		. PLUG ASSY, WOP bomb rack and mooring fitting hole	2	B,*3
-6	187-14419-9		. . PLUG, WOP bomb rack and mooring fitting hole	2	B
	187-14419-15		. . INSERT, WOP bomb rack and mooring hole	2	B
	AA2225		. NUT, (AA Metal Products)	2	B,*2,*4
	187-14469-13		. PLUG, WOP external equipment attaching fitting	2	C,*4
	AA2225		. NUT, (AA Metal Products)	2	C,*2,*4
-7	187-14469-11		. PLUG, WOP external equipment attaching fitting (use	2	
	187-14419-51		. PLUG ASSY, WOP bomb rack and mooring fitting hole	1	B,*3
-8	187-14419-23		. . PLUG, WOP bomb rack and mooring fitting hole	1	B
	187-14419-15		. . INSERT, WOP bomb rack and mooring fitting hole	1	B
	AA2225		. NUT, (AA Metal Products)	1	B *2,*4
	H598575		. RETAINER, (United-Carr)	1	B,*2,*4
	187-14469-17		. PLUG, WOP external equipment attaching fitting	1	C,*4
	AA2225		. NUT, (AA Metal Products)	1	C,*2,*4
	H598575		. RETAINER, (United-Carr)	1	C,*2,*4
	187-14419-61		. PLUG ASSY, WOP bomb rack and mooring fitting hole	1	B,*3
-9	187-14419-25		. . PLUG, WOP bomb rack and mooring fitting hole	1	B
	187-14419-15		. . INSERT, WOP bomb rack and mooring fitting hole	1	B
	187-14469-15		. PLUG, WOP external equipment attaching fitting	1	C,*4
	AA2225		. NUT, (AA Metal Products)	1	C,*2,*4
	H598575		. RETAINER, (United-Carr)	1	C,*2,*4
-10	159-13334-17		. PLUG, Gun and bomb assembly and wing tank fittings	1	B,C

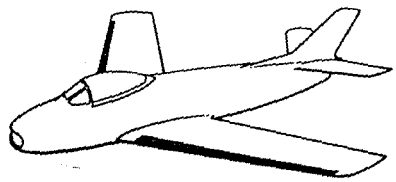
*1 12 req on 170-14001-61, -62,-81,-82,-51, & -52, 11 req on 191-14001,-2,-11,-12, 191-14101-1,-2,-31 & -32 13 req on 191-14101-11 & -12, 14 req on 191-14101-21 and -22.

*2 (AA2344A (AA Metal Products) or 1018-10A (Shur-Loc) may be substituted) substituted nuts removed by T.O. 1F-86F-214

*3 Removed from airplanes noted per T.O. 1F-86F-214

*4 Used on airplanes 51-13170 & subs when reworked per T.O. 1F-86F-214

USEABLE ON CODE: A 51-2850 thru 51-13169 B 51-13170 thru 51-13468, 52-4305 thru 52-4821 C 51-13469 thru 51-13510, 52-4822 and subs



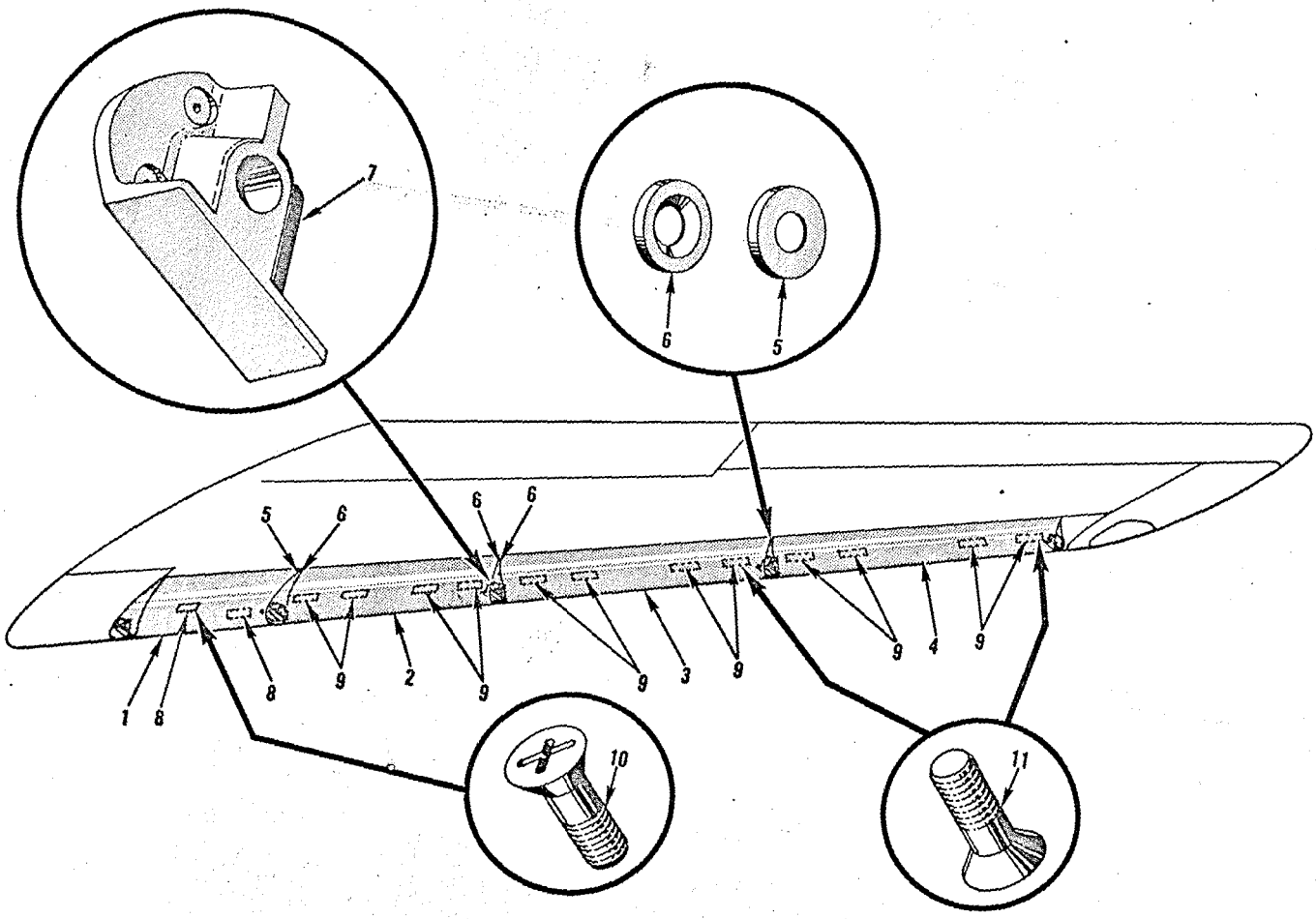


FIGURE 10 - WING SLAT ASSEMBLIES

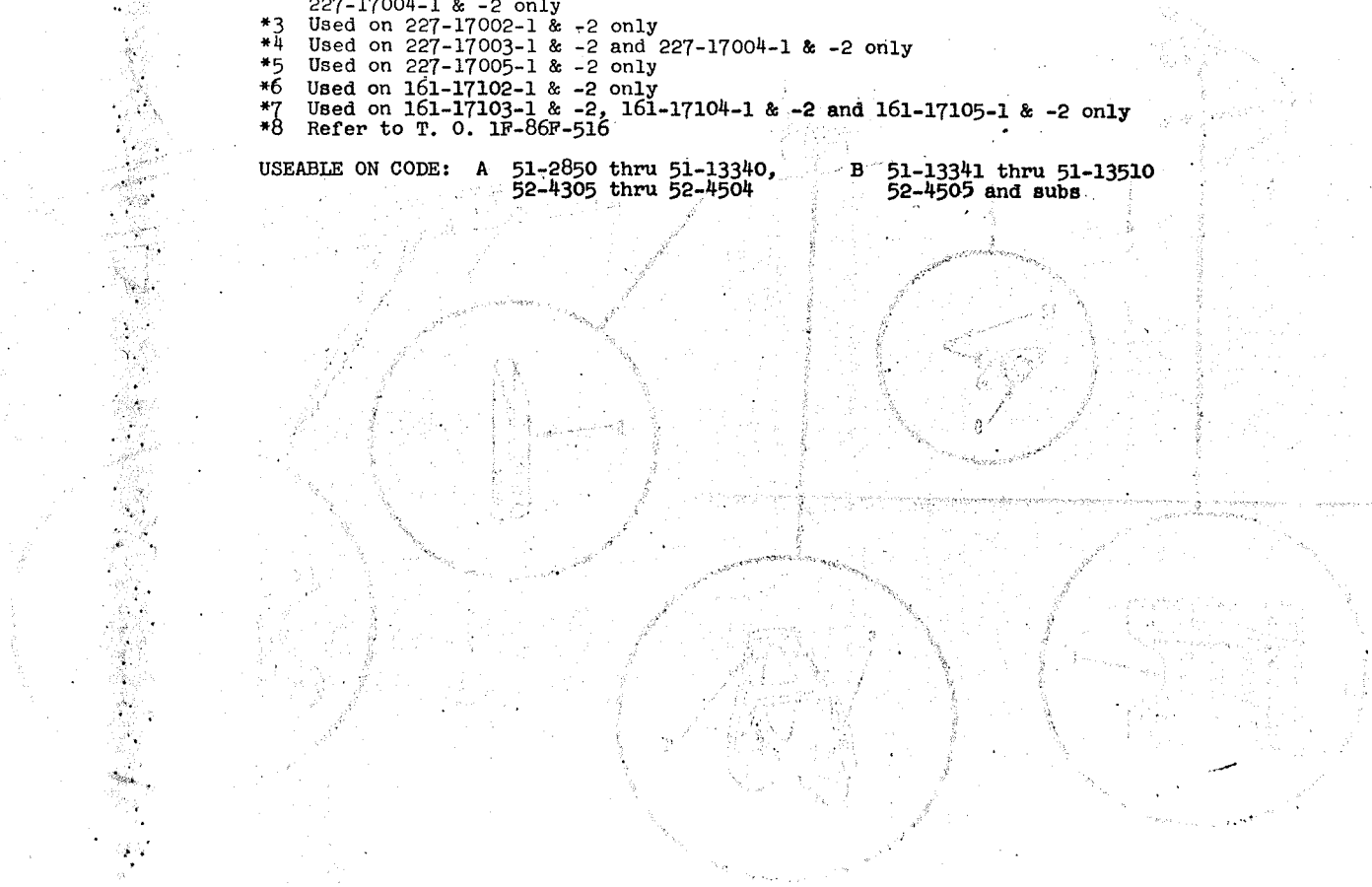
F-86F-4-10-6A

WING (CONT)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
10	No Number		SLAT ASSEMBLIES, LH and RH (see fig. 7 for next assy)	NP	A,B,*8
-1	161-17102-1		SLAT ASSY, Wing inboard LH	1	A,*8
	227-17002-1		SLAT ASSY, Wing 6-3 extended LE inboard LH	1	B,*8
	161-17102-2		SLAT ASSY, Wing inboard LH	1	A,*8
	227-17002-2		SLAT ASSY, Wing 6-3 extended LE inboard RH	1	B,*8
-2	161-17103-1		SLAT ASSY, Wing inboard center LH	1	A,*8
	227-17003-1		SLAT ASSY, Inboard center LH	1	B,*8
	161-17103-2		SLAT ASSY, Wing inboard center RH	1	A,*8
	227-17003-2		SLAT ASSY, Inboard center RH	1	B,*8
-3	161-17104-1		SLAT ASSY, Wing outboard center LH	1	A,*8
	227-17004-1		SLAT ASSY, Wing LE outboard center LH	1	B,*8
	161-17104-2		SLAT ASSY, Wing outboard center RH	1	A,*8
	227-17004-2		SLAT ASSY, Wing LE outboard center RH	1	B,*8
-4	161-17105-1		SLAT ASSY, Wing outboard LH	1	A,*8
	227-17005-1		SLAT ASSY, Wing extended LE outboard LH	1	B,*8
	161-17105-2		SLAT ASSY, Wing outboard RH	1	A,*8
	227-17005-2		SLAT ASSY, Wing extended LE outboard RH	1	B,*8
-5	140-17115	*1	WASHER, Wing slat bumper	1	A,B,*8
-6	140-17115	*2	WASHER, Wing slat bumper	2	A,B,*8
-7	161-17169-3	*6,*7	FITTING, Wing slat interconnector LH	1	A,*8
	161-17169-4	*6,*7	FITTING, Wing slat interconnector RH	1	A,*8
	227-17038-3	*3	FITTING, 6-3 extended LE wing slat interconnector	1	B,*8
	227-17038-3	*4	FITTING, 6-3 extended LE wing slat interconnector	2	B,*8
	227-17038-5	*5	FITTING, 6-3 extended LE wing slat interconnector	1	B,*8
-8	161-17012	*6	DOOR ASSY, Wing LE slat riveting access	2	A,*8
-9	161-17012	*7	DOOR ASSY, Wing LE slat riveting access	4	A,*8
	227-17040	*3	DOOR ASSY, WOP extended slat LE access	3	B,*8
	227-17040	*4,*5	DOOR ASSY, WOP extended slat LE access	4	B,*8
-10	AN509-10R8	*6	SCREW	12	A,*8
-11	AN509-10R8	*7	SCREW	24	A,*8
	AN509-10R7	*3	SCREW	48	B,*8
	AN509-10R7	*4,*5	SCREW	64	B,*8

*1 Used on 161-17102-1 & -2, 161-17105-1 & -2, 227-17002-1 & -2 and 227-17005-1 & -2 only
*2 Used on 161-17103-1 & -2, 161-17104-1 & -2, 227-17003-1 & -2 and 227-17004-1 & -2 only
*3 Used on 227-17002-1 & -2 only
*4 Used on 227-17003-1 & -2 and 227-17004-1 & -2 only
*5 Used on 227-17005-1 & -2 only
*6 Used on 161-17102-1 & -2 only
*7 Used on 161-17103-1 & -2, 161-17104-1 & -2 and 161-17105-1 & -2 only
*8 Refer to T. O. 1F-86F-516

USEABLE ON CODE: A 51-2850 thru 51-13340, 52-4305 thru 52-4504 B 51-13341 thru 51-13510 52-4505 and subs



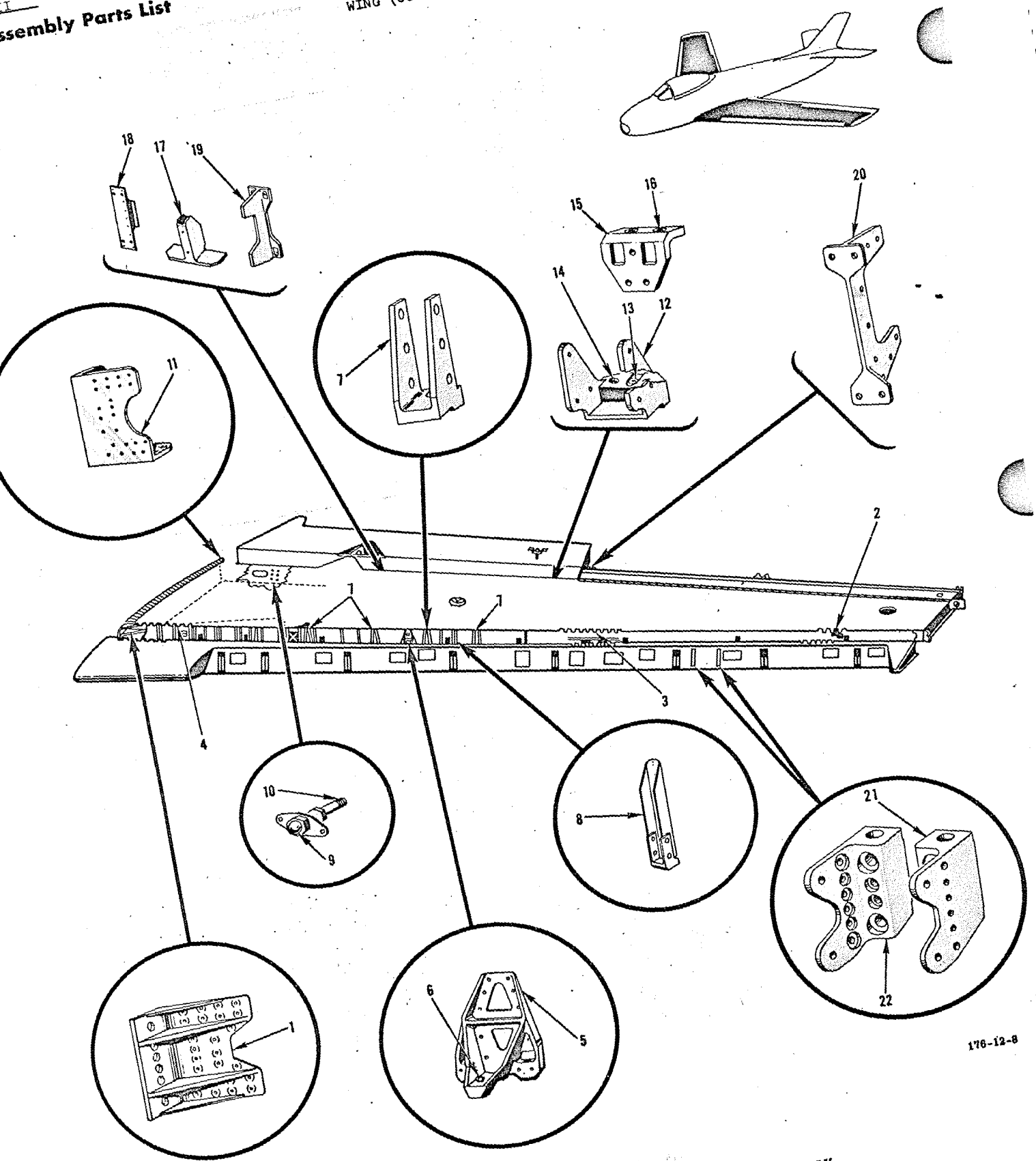


FIGURE 11 - WING OUTER PANEL FRONT AND REAR SPAR ASSEMBLY

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
11	No Number	WING OUTER PANEL FRONT AND REAR SPAR ASSEMBLIES (see figure 12 for next assy)	NP	A,B
	170-14003-111	. SPAR ASSEMBLY, Wing outer panel front LH.	1	A
	170-14003-112	. SPAR ASSEMBLY, Wing outer panel front RH.	1	A
	170-14003-121	. SPAR ASSEMBLY, Wing outer panel front LH.	1	B
	170-14003-122	. SPAR ASSEMBLY, Wing outer panel front RH.	1	B
-1	151-14047-3	. . FITTING, Front spar panel attaching LH.	1	A,B
	151-14047-13 *1			
	151-14047-4	. . FITTING, Front spar panel attaching RH.	1	A,B
	151-14047-14 *1			
-2	170-14003-49	. . JOINT, WOP sta 262.111 to sta 182 LH upper.	1	A,B
	170-14003-50	. . JOINT, WOP sta 262.111 to sta 182 RH upper.	1	A,B
	170-14003-47	. . JOINT, WOP sta 262.111 to sta 182 LH lower.	1	A,B
	170-14003-48	. . JOINT, WOP sta 262.111 to sta 182 RH lower.	1	A,B
-3	170-14003-55	. . JOINT, WOP sta 182 to sta 100 LH upper.	1	A,B
	170-14003-56	. . JOINT, WOP sta 182 to sta 100 RH upper.	1	A,B
	170-14003-53	. . JOINT, WOP sta 182 to sta 100 LH lower.	1	A,B
	170-14003-54	. . JOINT, WOP sta 182 to sta 100 RH lower.	1	A,B
-4	170-14003-61	. . JOINT, WOP sta 100 to sta 30.980 LH upper.	1	A,B
	170-14003-62	. . JOINT, WOP sta 100 to sta 30.980 RH upper.	1	A,B
	170-14003-59	. . JOINT, WOP sta 100 to sta 30.980 LH lower.	1	A,B
	170-14003-60	. . JOINT, WOP sta 100 to sta 30.980 RH lower.	1	A,B
-5	152-14089-9	. . FITTING ASSY, WOP front spar bomb support attaching LH.	1	A,B
	152-14089-10	. . FITTING ASSY, WOP front spar bomb support attaching RH.	1	A,B

*1 For aircraft modified by T.O. 1F-86F-544

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
-6	42D10-048	. . . NUT, (Elastic).	1	A,B
	42D10-064	. . . NUT, (Elastic).	2	A,B
-7	151-14292-1	. . FITTING, Wing outer panel rocket support attaching LH.	4	A
	151-14292-2	. . FITTING, Wing outer panel rocket support attaching RH.	4	A
	151-14292-1	. . FITTING, Wing outer panel rocket support attaching LH.	1	B
	151-14292-2	. . FITTING, Wing outer panel rocket support attaching RH	1	B
	176-14721-1	. . FITTING, WOP sta 138.690 front sway brace back-up LH.	1	B
	176-14721-2	. . FITTING, WOP sta 138.690 front sway brace back-up RH.	1	B
-8	151-14293-11	. . CHANNEL ASSY, Wing outer panel bomb hoist attaching LH.	1	A,B
	151-14293-12	. . CHANNEL ASSY, Wing outer panel bomb hoist attaching RH.	1	A,B
	151-14169	. . . FITTING ASSY, WOP front spar bomb hoist attaching.	1	A,B
	42D10-054	. . . . NUT, (Elastic).	1	A,B
	170-14005-61	. SPAR ASSY, WOP rear LH (use 170-14005-51 until exh).	1	A
	170-14005-62	. SPAR ASSY, WOP rear RH (use 170-14005-52 until exh).	1	A
	170-14005-31	. SPAR ASSY, WOP rear LH (use 170-14005-21 until exh).	1	B
	170-14005-32	. SPAR ASSY, WOP rear RH (use 170-14005-22 until exh).	1	B
-9	6800-048	. . RETAINER, Nut (Nutt-Shel).	6	A,B
-10	AN4-11A	. . BOLT	4	A,B
	AN4-12A	. . BOLT	2	A,B
-11	172-14049-3	. . FITTING, Wing outer panel rear spar to fuselage attaching LH (use 152-14049-3 until exh).	1	A,B
	172-14049-13 *1			
	172-14049-4	. . FITTING, Wing outer panel rear spar to fuselage attaching RH (use 152-14049-4 until exh)	1	A,B
	172-14049-14 *1			
-12	152-14180-1	. . FITTING ASSY, Wing outer panel station 166.129 rear rocket attaching LH	1	A,B
	152-14180-2	. . FITTING ASSY, Wing outer panel station 166.129 rear rocket attaching RH	1	A,B

*1 For aircraft modified by T.O. 1F-86F-544

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
-13	140-14181	. . . BUSHING, Wing outer panel rocket rear support	1	A,B
-14	RL21SB6	. . . RING, (Rosan)	2	A,B
	R104SH5	. . . INSERT, (Rosan).	2	A,B
-15	140-14058	. . FITTING ASSY, Rear spar wing outer panel hoisting	2	A,B
-16	42D10-048	. . . NUT, (Elastic)	2	A,B
-17	151-14099-1	. . FITTING, Wing station 126 jack point LH	1	A,B
	151-14099-2	. . FITTING, Wing station 126 jack point RH	1	A,B
-18	151-14249-1	. . FITTING, WOP main gear retracting cylinder support LH	1	A,B
	151-14249-2	. . FITTING, WOP main gear retracting cylinder support RH	1	A,B
-19	165-14056-1	. . TEE ASSY, Station 170 WOP rear spar rib attaching LH	1	A,B
	165-14056-2	. . TEE ASSY, Station 170 WOP rear spar rib attaching RH	1	A,B
	K14	. . . PLATE, (Kaynar).	4	A,B
	S20	. . . SPRING, (Kaynar)	4	A,B
-20	165-16111	. . FITTING, Aileron inboard hinge rear spar attaching	1	A,B
-21	165-14490-1	. . FITTING ASSY, WOP sta 224 rib to rear spar attaching LH	1	A,B
	165-14490-2	. . FITTING ASSY, WOP sta 224 rib to rear spar attaching RH	1	A,B
-22	165-14491-1	. . FITTING, WOP sta 215 rib to rear spar spar attaching LH	1	A,B
	165-14491-2	. . FITTING, WOP sta 215 rib to rear spar attaching RH	1	A,B
	(For airplanes coded 51-13170 and subs, see figures 16 and 35)			
	USEABLE ON CODE:	A 51-2850 thru 51-2927 B 51-2928 thru 51-13169		

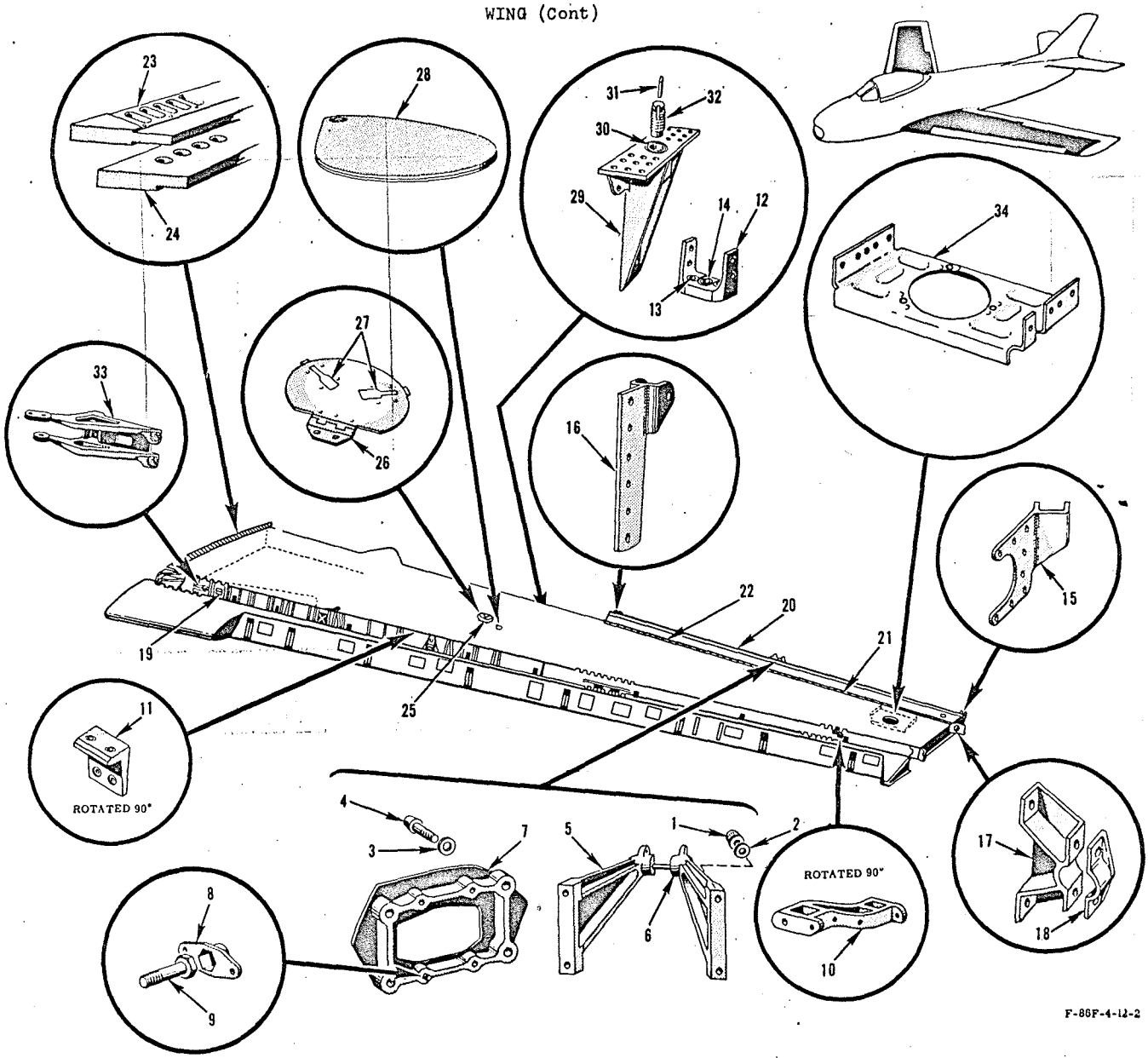


FIGURE 12 - WING OUTER PANEL BOX ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
12	170-14004-31	BOX ASSY, Wing outer panel LH (see fig. 13 for next assy)	Ref	A
	170-14004-32	BOX ASSY, Wing outer panel RH (see fig. 13 for next assy)	Ref	A
	170-14004-71	BOX ASSY, Wing outer panel LH (see fig. 13 for next assy)	Ref	B
	170-14004-72	BOX ASSY, Wing outer panel RH (see fig. 13 for next assy)	Ref	B
	No Number	. WOP FRONT AND REAR SPAR ASSEMBLIES, (see fig. 11 for bkdn)	NP	A,B
-1	EB080	. NUT, (Elastic)	4	A,B
-2	NAS143-8	. WASHER, 125,000 to 145,000 psi countersunk and plain type	4	A,B
-3	NAS143-8C	. WASHER, 125,000 to 145,000 psi countersunk and plain type	4	A,B
-4	NAS148-65	. BOLT, Internal wrenching steel 1/2-20	4	A,B
-5	165-16068-7	. FITTING ASSEMBLY, Aileron center hinge LH	1	A,B
	165-16068-8	. FITTING ASSEMBLY, Aileron center hinge RH	1	A,B
-6	AN207DP6	. . BEARING	1	A,B
	NAS144-29	. BOLT, Internal wrenching steel 1/4-28	1	A,B
	NAS143-4	. WASHER, 125,000 to 145,000 psi countersunk and plain type	1	A,B
	NAS143-4C	. WASHER, 125,000 to 145,000 psi countersunk and plain type	1	A,B
	EB048	. NUT, (Elastic)	2	A,B
-7	165-16067-5	. FITTING ASSY, Aileron center hinge support LH	1	A,B
	165-16067-6	. FITTING ASSY, Aileron center hinge support RH	1	A,B
-8	6800-054	. . RETAINER, Nut (Nutt-Shel)	2	A,B
-9	AN5-23A	. . BOLT, (inboard)	1	A,B
	AN5-22A	. . BOLT, (outboard)	1	A,B
-10	165-16065-3	. SUPPORT, Aileron bellcrank WOP sta 215 to 224 forging LH	1	A,B
	165-16065-4	. SUPPORT, Aileron bellcrank WOP sta 215 to 224 forging RH	1	A,B
-11	140-14119	. FITTING ASSEMBLY, Wing outer panel hoisting	1	A,B
-12	151-14579-1	. FITTING ASSEMBLY, WOP sta 150.931 rear rocket attaching LH	1	A,B
	151-14579-2	. FITTING ASSEMBLY, WOP sta 150.931 rear rocket attaching RH	1	A,B

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
12-13	R104SH5	. . INSERT, (Rosan)	2	A,B
	RL21SB6	. . RING, (Rosan)	2	A,B
-14	140-14181	. . BUSHING, Wing outer panel rocket rear support	1	A,B
-15	165-16020-1	. FITTING, Aileron outboard forward hinge LH	1	A,B
	165-16020-2	. FITTING, Aileron outboard forward hinge RH	1	A,B
-16	165-16007-1	. FITTING, Aileron inbd fwd hinge LH (whn exh use 227-16007-3).	1	A,B
	165-16007-2	. FITTING, Aileron inbd fwd hinge RH (whn exh use 227-16007-4).	1	A,B
	227-16007-3	. FITTING, Aileron inbd fwd hinge LH (use 165-16007-1 until exh)	1	A,B
	227-16007-4	. FITTING, Aileron inbd fwd hinge RH (use 165-16007-2 until exh)	1	A,B
-17	165-51108-3 *1	. FITTING, WOP airspeed boom rear beam attaching (RH only)	1	A,B
-18	165-51108-5 *1	. FITTING, WOP airspeed boom rear beam attaching (RH only)	1	A,B
	165-52328-1	. BRACKET ASSY, Aileron control outer wing sta 53 9/16 LH	1	A,B
	165-52328-2	. BRACKET ASSY, Aileron control outer wing sta 53 9/16 RH	1	A,B
-19	NAS376-4	. . PULLEY, Secondary control	2	A,B
	170-14025-11	. SKIN ASSY, WOP flap sta 95.227 to tip TE upper LH	1	A,B
	170-14025-12	. SKIN ASSY, WOP flap sta 95.227 to tip TE upper RH	1	A,B
	170-14025-21	. SKIN ASSY, WOP flap sta 95.227 to tip TE lower LH	1	A,B
	170-14025-22	. SKIN ASSY, WOP flap sta 95.227 to tip TE lower RH	1	A,B
	165-14394-1	. . SEAL ASSY, WOP flap sta 95 to aileron sta 144 lower door hinge LH (outboard)	1	A,B
	165-14394-2	. . SEAL ASSY, WOP flap sta 95 to aileron sta 144 lower door hinge RH (outboard)	1	A,B
	165-14394-41	. . SEAL ASSY, WOP flap sta 95 to aileron sta 144 lower door hinge LH (inboard)	1	A,B
	165-14394-42	. . SEAL ASSY, WOP flap sta 95 to aileron sta 144 lower door hinge RH (inboard)	1	A,B
-20	165-14239-1	. . TRAILING EDGE, WOP aileron sta 0 to 114 upper LH (used on 170-14025-11 assy only)	1	A,B

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
-20	165-14239-2	. . TRAILING EDGE, WOP aileron sta 0 to 114 upper RH (used on 170-14025-12 assy only)	1	A,B
	170-14234-1	. . TRAILING EDGE, WOP aileron sta 0 to 114 lower LH (used on 170-14025-21 assy only)	1	A,B
	170-14234-2	. . TRAILING EDGE, WOP aileron sta 0 to 114 lower RH (used on 170-14025-22 assy only)	1	A,B
-21	165-14393-3	. . HINGE, WOP flap sta 95 to aileron sta 114 upper access door LH . . .	1	A,B
	165-14393-4	. . HINGE, WOP flap sta 95 to aileron sta 114 upper access door RH . . .	1	A,B
	165-14393-5	. . HINGE, WOP flap sta 95 to aileron sta 114 lower access door LH . . .	1	A,B
	165-14393-6	. . HINGE, WOP flap sta 95 to aileron sta 114 lower access door RH . . .	1	A,B
-22	165-14393-11	. . HINGE, WOP flap sta 95 to aileron sta 114 upper access door LH . . .	1	A,B
	165-14393-12	. . HINGE, WOP flap sta 95 to aileron sta 114 upper access door RH . . .	1	A,B
	165-14393-13	. . HINGE, WOP flap sta 95 to aileron sta 114 lower access door LH . . .	1	A,B
	165-14393-14	. . HINGE, WOP flap sta 95 to aileron sta 114 lower access door RH . . .	1	A,B
	151-14007-1	. JOINT INSTALLATION, BP29 wing LH . .	NP	A,B
	151-14007-2	. JOINT INSTALLATION, BP29 wing RH . .	NP	A,B
-23	140-14076-1	. . FITTING ASSY, WCS to outer panel upper outboard splice LH	1	A,B
	140-14076-2	. . FITTING ASSY, WCS to outer panel upper outboard splice RH	1	A,B
-24	140-14077-3	. . FITTING, WCS to outer panel lower outboard splice LH	1	A,B
	7578-140007-3 *2			
	140-14077-4	. . FITTING, WCS to outer panel lower outboard splice RH	1	A,B
	7578-140007-4 *2			
	151-14600-201	. SKIN ASSY, Outer panel inbd upper LH (use 151-14600-101 until exh)	1	A
	151-14600-202	. SKIN ASSY, Outer panel inbd upper RH (use 151-14600-102 until exh). . . .	1	A
	151-14600-301	. SKIN ASSY, Outer panel inbd upper LH .	1	B
	151-14600-302	. SKIN ASSY, Outer panel inbd upper RH.	1	B

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
	170-14115-101	. . SKIN ASSY, WOP upper intermediate LH (use 170-14115-1 until exh)	1	A
	170-14115-102	. . SKIN ASSY, WOP upper intermediate RH (use 170-14115-2 until exh)	1	A
	170-14115-201	. . SKIN ASSY, WOP upper intermediate LH	1	B,C
	170-14115-202	. . SKIN ASSY, WOP upper intermediate RH	1	A,B
	140-48018	. . . GASKET, Wing fuel cell filler basin	1	A,B,C
-25	151-48029-11	. . . DOOR ASSY, Wing fuel cell filler .	1	A,B
-26	120-48079-10	. . . . HINGE ASSY, Wing fuel cell filler	2	A,B
-27	H5000-2-.081-.125	. . . . . LATCH ASSY, (Hartwell)	2	A,B
-28	172-14736	. . . COVER ASSY, WOP sta 126 bomb rack sway brace fitting access door . .	1	A,B
	176-14426-1	. RIB ASSY, Wing outer panel sta 126 intermediate LH	1	A
	176-14426-2	. RIB ASSY, Wing outer panel sta 126 intermediate RH	1	A
	176-14726-1	. RIB ASSY, Wing outer panel sta 126 intermediate LH	1	B
	176-14726-2	. RIB ASSY, Wing outer panel sta 126 intermediate RH	1	B
-29	152-14124-5	. . FITTING ASSY, Wing sta 126 rear bomb rack sway brace LH (use 151-14124 until exh)	1	A
	152-14124-6	. . FITTING ASSY, Wing sta 126 rear bomb rack sway brace RH (use 151-14124 until exh)	1	A
	152-14124-15	. . FITTING ASSY, Wing sta 126 rear bomb rack sway brace LH	1	B
	152-14124-16	. . FITTING ASSY, Wing sta 126 rear bomb rack sway brace RH	1	B
-30	RL72SB11	. . . RING, (Rosan)	1	A
	R312SH16	. . . INSERT, (Rosan)	1	A
-31	176-14767	. . RETAINER, WOP external fuel tank center post attach unit.	1	B
-32	176-14813	. . NUT WOP BP99 external fuel tank center post attaching	1	B
-33	165-52347-1	. SUPPORT, Aileron control WOP inboard bellcrank LH	1	A,B
	165-52347-2	. SUPPORT, Aileron control WOP inboard bellcrank RH	1	A,B

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
	6800-048	. BOLT RETAINER, Two lug (Nutt-Shel) .	2	A,B
	6820-048	. BOLT RETAINER, Corner type (Nutt-Shel).	2	A,B
-34	191-51130	. SUPPORT ASSY, Remote compass transmitter (use 151-51030-15 until exh) (LH wing only)	1	A,B,C
*1	Matched component, do	not stock separately, Part No. 165-51908		
*2	For aircraft modified	by T.O. 1F-86F-544.		
	USEABLE ON CODE: A	51-2850 thru 51-2927		
	B	51-2928 thru 51-13169		
	C	51-13070 thru 51-13169		
	(For airplanes coded	51-13170 and subs see figure 14)		

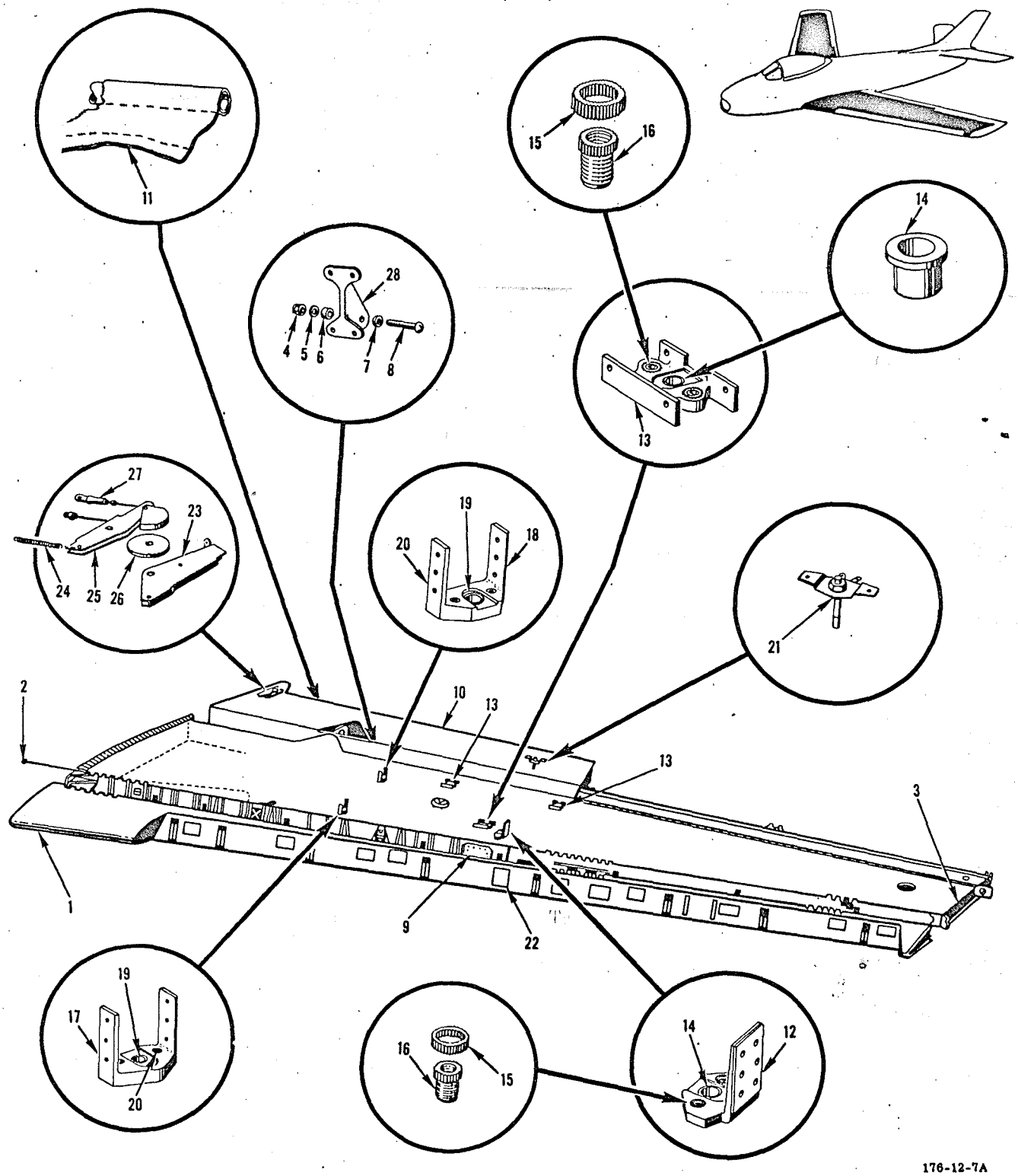


FIGURE 13 - OUTER PANEL INTERMEDIATE WING ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
13	170-14002-41	WING ASSY, Outer panel intermediate LH (see figure 8 for next assy)	Ref	A
	170-14002-42	WING ASSY, Outer panel intermediate RH (see figure 8 for next assy)	Ref	A
	170-14002-81	WING ASSY, Outer panel intermediate LH (see figure 8)	Ref	B
	170-14002-82	WING ASSY, Outer panel intermediate RH (see figure 8)	Ref	B

WING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
13-1	170-14009-201	.	LEADING EDGE ASSEMBLY, Wing outer panel LH . . . . . (see figure 28 for breakdown)	1	A
	170-14009-202	.	LEADING EDGE ASSY, WOP RH (see fig. 28 for breakdown) . . .	1	A
	170-14009-401	.	LEADING EDGE ASSY, WOP LH (see fig. 28 for breakdown) . . .	1	B
	170-14009-402	.	LEADING EDGE ASSY, WOP RH (see fig. 28 for breakdown) . . .	1	B
	172-14711-1 *2	.	LEADING EDGE ASSY, WOP extended 6-3 LH (modification) . . . (see figure 23 for breakdown)	1	*1
	172-14711-2 *2	.	LEADING EDGE ASSY, WOP extended 6-3 RH (modification) . . . (see figure 23 for breakdown)	1	*1
	172-14109-1 *2	.	LEADING EDGE ASSY, WOP extended 6-3 LH (modification) . . . (see figure 23 for breakdown)	1	A,B,*3
	172-14109-2 *2	.	LEADING EDGE ASSY, WOP extended 6-3 RH (modification) . . . (see figure 23 for breakdown)	1	A,B,*3
-2	2P7-13-34 31-32	.	PIN ASSEMBLY, Hinge (outboard upper) (North American) . . .	1	A,B
	2P7-13-32 11-16	.	PIN ASSEMBLY, Hinge (outboard lower) (North American) . . .	1	A,B
	2P7-13-35 43-64	.	PIN ASSY, Hinge (outbd intermediate upper) (North American)	1	A,B
	2P7-13-32 11-16	.	PIN ASSY, Hinge (outbd intermediate lower) (North American)	1	A,B
	2P7-13-43 3-16	.	PIN ASSY, Hinge (intermediate upper & lower) (North American)	4	A,B
	2P7-13-32 11-16	.	PIN ASSY, Hinge (inbd intermediate upper) (North American) .	1	A,B
	2P7-13-35 43-64	.	PIN ASSY, Hinge (inbd intermediate lower) (North American) .	1	A,B
	2P7-13-32 11-16	.	PIN ASSY, Hinge (inbd upper) (North American)	1	A,B
-3	170-14004-31	.	BOX ASSY, WOP LH (see figure 12 for breakdown)	1	A
	170-14004-32	.	BOX ASSY, WOP RH (see figure 12 for breakdown)	1	A
	170-14004-71	.	BOX ASSY, WOP LH (see figure 12 for breakdown)	1	B
	170-14004-72	.	BOX ASSY, WOP RH (see figure 12 for breakdown)	1	B
	140-33014-21	.	FITTINGS INSTL, Main LG LH (see figure 29 for breakdown) . .	NP	A,B
	140-33014-22	.	FITTINGS INSTL, Main LG RH (see figure 29 for breakdown) . .	NP	A,B
-4	AN365-720	.	NUT	1	A,B
-5	AN960D716	.	WASHER	1	A,B
-6	4S3-716-7	.	SPACER, Bolt (North American)	1	A,B
-7	4S3-716-3	.	SPACER, Bolt (North American)	1	A,B
-8	AN7-15A	.	BOLT	1	A,B
-9	165-14107-1	.	DOOR, Wing outer panel front spar sta 148 access	1	A,B
-10	170-14006-201	.	TRAILING EDGE ASSY, Wing outer panel inboard LH	1	A,B
	170-14006-202	.	TRAILING EDGE ASSY, Wing outer panel inboard RH	1	A,B
	151-14152	.	TRAILING EDGE, Wing outer panel inboard upper	1	A,B
	170-14234-3	.	TRAILING EDGE, WOP ail. sta 0 to sta 114 lower LH	1	A,B
	170-14234-4	.	TRAILING EDGE, WOP ail. sta 0 to sta 114 lower RH	1	A,B
-11	151-14256-31	. .	SEAL ASSY, Flap to shroud lower surface (outboard) . . .	1	A,B
	151-14256-11	. .	SEAL ASSY, Flap to shroud lower surface (intermediate). .	1	A,B
	151-14256-1	. .	SEAL ASSY, Flap to shroud lower surface (inboard)	1	A,B
-12	151-14578-1	. .	FITTING ASSY, WOP sta 142.484 rear rocket attaching LH .	1	A,B
	151-14578-2	. .	FITTING ASSY, WOP sta 142.484 rear rocket attaching RH .	1	A,B
-13	152-14176-1	. .	FITTING ASSY, WOP rocket support attaching rear LH . . .	3	A,B
	152-14176-2	. .	FITTING ASSY, WOP rocket support attaching rear RH . . .	3	A,B
-14	140-14181	. . .	BUSHING, Wing outer panel rocket rear support	1	A,B
-15	RL21SB6	. . .	RING, (Rosan).	2	A,B
-16	R10SH6	. . .	INSERT, (Rosan).	2	A,B
	170-14570-1	. .	RIB ASSEMBLY, WOP flap shroud flap sta 47.288 LH	1	A,B
	170-14570-2	. .	RIB ASSEMBLY, WOP flap shroud flap sta 47.288 RH	1	A,B
	170-14571-1	. .	RIB ASSEMBLY, WOP flap shroud flap sta 56 LH	1	A,B
	170-14571-2	. .	RIB ASSEMBLY, WOP flap shroud flap sta 56 RH	1	A,B
-17	151-14576-1	. . .	FITTING ASSY, WOP 115.526 rear rocket attaching LH . .	1	A,B
	151-14576-2	. . .	FITTING ASSY, WOP 115.526 rear rocket attaching RH . .	1	A,B
-18	151-14577-1	. . .	FITTING ASSY, WOP 123.971 rear rocket attaching LH . .	1	A,B
	151-14577-2	. . .	FITTING ASSY, WOP 123.971 rear rocket attaching RH . .	1	A,B
-19	140-14181	. . . .	BUSHING, Wing outer panel rocket rear support . . .	1	A,B
-20	RL21SB6	. . . .	RING, (Rosan)	2	A,B
	R10SH6	. . . .	INSERT, (Rosan)	2	A,B
-21	2J1	. .	JACK ASSY, Fuel nozzle grounding (North American)	1	A,B
-22	165-14107-1	.	DOOR, Wing outer panel front spar sta 148 access LH	1	A,B
	165-14107-2	.	DOOR, Wing ou er panel front spar sta 148 access RH	1	A,B
	176-14716	.	PIN ASSY, WOP sta 138.5 rear spar	1	A,B
-23	140-33625-1	.	BRACKET ASSY, LG emer rel flap sta 5 5/8 LH (right side only)	1	A,B
	140-33625-2	.	BRACKET ASSY, LG emer rel flap sta 5 5/8 RH (left side only)	1	A,B
-24	140-33634	.	SPRING, LG emer release uplock holdback	2	A,B
-25	151-33629	.	ARM ASSY, Main LG emer release system uplock actuating . . .	2	A,B
-26	AN210-2B	.	PULLEY	1	A,B
-27	151-33642	.	CABLE ASSY, LG emergency release main gear LH	1	A,B
	151-33640	.	CABLE ASSY, LG emergency release RH	1	A,B
	RA2258-3	. .	TERMINAL, (American Chain and Cable)	1	A,B
-28	151-18045-1		FITTING, Hinge flap sta 33.437 rib to LG trunnion attaching . . LH (see figure 30)	Ref	A,B
	151-18045-2		FITTING, Hinge flap sta 33.437 rib to LG trunnion attaching . . RH (see figure 30)	Ref	A,B

*1 Useable on any F-86F airplanes within the coding 51-2850 thru 51-2927 modified per T. O. IF-86F-109. Dated 19 June 1952.

*2 If leading edge assy is identified as part no. 172-14711-1 or -2 T. O. IF-86-109 dated later than 19 June 1952 does not apply and no further rework is necessary.

*3 Modified per T. O. IF-86-109 dated later than 19 June 1952

USEABLE ON CODE: A 51-2850 thru 51-2927 B 51-2928 thru 51-13169
(For airplanes coded 51-13170 and subs see figure 14)

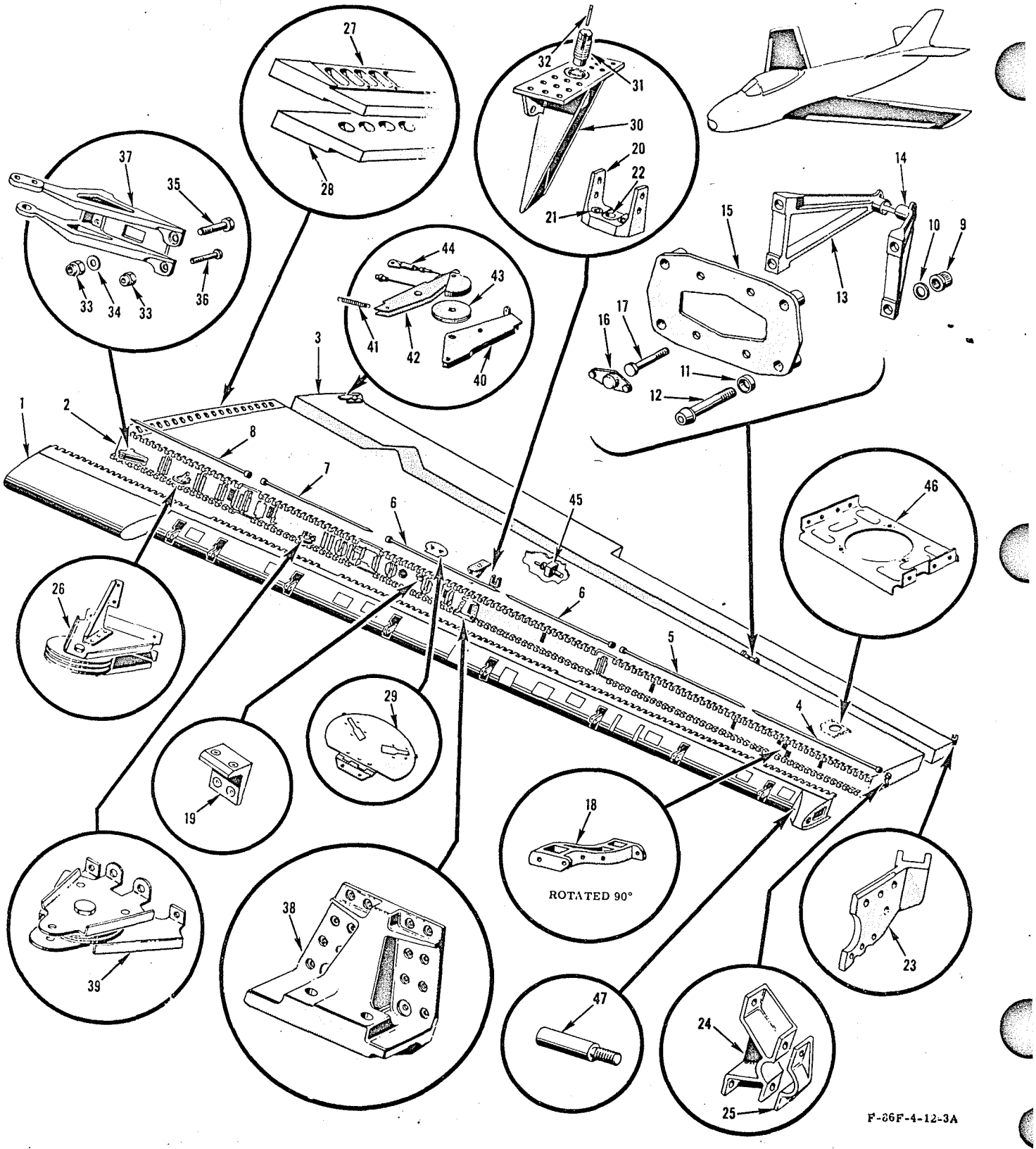


FIGURE 14 - OUTER PANEL WING ASSEMBLY

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
14	191-14002-1	WING ASSY, Outer panel LH (see figure 8 for next assy)	Ref	A
	191-14002-2	WING ASSY, Outer panel RH (see figure 8 for next assy)	Ref	A
	191-14002-11	WING ASSY, Outer panel LH (see figure 8 for next assy)	Ref	B
	191-14002-12	WING ASSY, Outer panel RH (see figure 8 for next assy)	Ref	B
	191-14002-21	WING ASSY, Outer panel LH (see figure 8 for next assy)	Ref	C
	191-14002-22	WING ASSY, Outer panel RH (see figure 8 for next assy)	Ref	C
	191-14002-31	WING ASSY, Outer panel interm LH (see fig. 8 for next assy).	Ref	D
	191-14002-32	WING ASSY, Outer panel interm RH (see fig. 8 for next assy).	Ref	D
	227-14002-1	WING ASSY, Outer panel interm LH (see fig. 8 for next assy).	Ref	F
	227-14002-2	WING ASSY, Outer panel interm RH (see fig. 8 for next assy).	Ref	F
	227-14605-1	. TIP STRUCTURE INSTL. WOP 12 in. extension LH (see fig. 20 for breakdown) .	NP	F
	227-14605-2	. TIP STRUCTURE INSTL. WOP 12 in. extension RH (see fig. 20 for breakdown).	NP	F
-1	191-14009-1	. LEADING EDGE ASSY, WOP LH (see fig. 28 for breakdown).	1	A,*4
	191-14009-2	. LEADING EDGE ASSY, WOP RH (see fig. 28 for breakdown).	1	A,*4
	191-14240-1	. LEADING EDGE ASSY, WOP 6-3 extended LH (see fig. 17 for breakdown)	1	B,C, *3
	191-14240-2	. LEADING EDGE ASSY, WOP 6-3 extended RH (see fig. 17 for breakdown)	1	B,C, *3
	191-14240-11	. LEADING EDGE ASSY, WOP 6-3 extended LH (see fig. 17 for breakdown)	1	D,*3
	191-14240-12	. LEADING EDGE ASSY, WOP 6-3 extended RH (see fig. 17 for breakdown)	1	D,*3
	227-14009-1	. LEADING EDGE ASSY, WOP 6-3 extended LH (see fig. 19 for breakdown)	1	F,*2
	227-14009-2	. LEADING EDGE ASSY, WOP 6-3 extended RH (see fig. 19 for breakdown)	1	F,*2
-2	191-14003-1	. SPAR ASSY, WOP front LH (see figure 35 for breakdown).	1	A,B, *4
	191-14003-2	. SPAR ASSY, WOP front RH (see figure 35 for breakdown).	1	A,B, *4
	191-14003-11	. SPAR ASSY, WOP front LH (see figure 35 for breakdown).	1	C
	191-14003-31	. SPAR ASSY, WOP front LH (see figure 35 for breakdown).	1	F,*2

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
	191-14003-2	. SPAR ASSY, WOP front RH (see figure 35 for breakdown)	1	C
	191-14003-21	. SPAR ASSY, WOP front LH (see figure 35 for breakdown)	1	D
	191-14003-22	. SPAR ASSY, WOP front RH (see figure 35 for breakdown)	1	D
	191-14003-32	. SPAR ASSY, WOP front RH (see figure 35 for breakdown)	1	F,*2
-3	191-14008-1	. TRAILING EDGE ASSY, WOP LH (see figure 16 for breakdown).	1	A,B
	191-14008-2	. TRAILING EDGE ASSY, WOP RH (see figure 16 for breakdown).	1	A,B
	191-14008-11	. TRAILING EDGE ASSY, WOP LH (see figure 16 for breakdown).	1	C,D
	191-14008-12	. TRAILING EDGE ASSY, WOP RH (see figure 16 for breakdown).	1	C,D
	191-14008-21	. TRAILING EDGE ASSY, WOP LH (see figure 16 for breakdown	1	F,*2
	191-14008-22	. TRAILING EDGE ASSY, WOP RH (see figure 16 for breakdown).	1	F,*2
-4	2P7-13-34 31/32	. PIN ASSY, Hinge outboard upper (North American).	1	G,*3
	2P7-13-37 17/32	. PIN ASSY, Hinge outboard upper (North American).	1	F,*2
	2P7-13-35 43/63	. PIN ASSY, Hinge outbd lower (North American).	1	F,*2
	2P7-13-38 1/32	. PIN ASSY, Hinge outbd lower (North American).	1	F,*2
-5	2P7-13-35 43/64	. PIN ASSY, Hinge outbd intermediate upper (North American)	1	G,*3
	2P7-13-28 1/32	. PIN ASSY, Hinge outbd intermediate upper (North American)	1	F,*2
	2P7-13-35 43/64	. PIN ASSY, Hinge outbd intermediate lower (North American)	1	G,*3
	2P7-13-28 17/32	. PIN ASSY, Hinge outbd intermediate lower (North American)	1	F,*2
-6	2P7-13-43 3/16	. PIN ASSY, Hinge center upper & lower (North American)	4	
-7	2P7-13-32 11/16	. PIN ASSY, Hinge intermediate inbd upper & lower (North American)	2	
-8	2P7-13-32 11/16	. PIN ASSY, Hinge inbd upper & lower (North American)	2	
-9	EB080	. NUT (Elastic).	4	E
-10	NAS143-8	. WASHER, 125,000 to 145,000 psi countersunk and plain type.	4	E
-11	NAS143-8C	. WASHER, 125,000 to 145,000 psi countersunk and plain type.	4	E
-12	NAS148-65	. BOLT, Internal wrenching steel 1/2-20.	4	E

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
-13	165-16068-7	. FITTING ASSY, Aileron center hinge RH.	1	E
	165-16068-8	. FITTING ASSY, Aileron center hinge RH.	1	E
-14	AN207DP6	. . BEARING		
	NAS144-29	. BOLT, Internal wrenching steel 1/4-28.	1	E
	NAS143-4	. WASHER, 125,000 to 145,000 psi countersunk and plain type	1	E
	NAS143-4C	. WASHER, 125,000 to 145,000 psi countersunk and plain type	1	E
	EB048	. NUT, (Elastic)	1	E
-15	165-16067-5	. FITTING ASSY, Aileron center hinge support LH	1	E
	165-16067-5	. FITTING ASSY, Aileron center hinge support RH	1	E
-16	6800-054	. . RETAINER, Nut (Nutt-Shel)	2	E
-17	AN5-23A	. . BOLT, (inboard)	1	E
	AN5-22A	. . BOLT, (outboard).	1	E
-18	165-16065-3	. SUPPORT, Aileron bellcrank WOP sta 215 to 224 forging LH	1	E
	165-16065-4	. SUPPORT, Aileron bellcrank WOP sta 215 to 224 forging RH	1	E
-19	140-14119	. FITTING ASSY, Wing outer panel hoisting	1	E
-20	151-14579-1	. FITTING ASSY, WOP sta 150.931 rear rocket attaching LH	1	E
	151-14579-2	. FITTING ASSY, WOP sta 150.931 rear rocket attaching RH	1	E
-21	R104SH5	. . INSERT, (Rosan)	2	E
	RL21SB6	. . RING, (Rosan)	2	E
-22	140-14181	. . BUSHING, Wing outer panel rocket rear support	1	E
-23	165-16020-1	. FITTING, Aileron outboard forward hinge LH	1	E
	165-16020-2	. FITTING, Aileron outboard forward hinge RH	1	E
-24	165-51108-3 *1	. FITTING, WOP airspeed boom rear beam attaching (RH only)	1	G
-25	165-51108-5 *1	. FITTING, WOP airspeed boom rear beam attaching (RH only)	1	G
-26	165-52328-1	. BRACKET ASSY, Aileron control outer wing sta 53 9/16 LH	1	E
	165-52328-2	. BRACKET ASSY, Aileron control outer wing sta 53 9/16 RH	1	E
	NAS376-4	. . PULLEY, Secondary control	2	E
	151-14007-1	. JOINT INSTALLATION, BP 29 wing LH (use 151-14007-11 until exh)	NP	E
	151-14007-2	. JOINT INSTALLATION, BP 29 wing RH (use 151-14007-12 until exh)	NP	E

Added 16 August 1965

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
-27	140-14076-1	. . FITTING ASSY, WCS to outer panel upper outbd splice LH	1	E
	140-14076-2	. . FITTING ASSY, WCS to outer panel upper outbd splice RH	1	E
-28	140-14077-5	. . FITTING, WCS to outer panel lower outboard splice LH (use 140-14077-3 until exh)	1	E
	7578-140007-3 *5			
	140-14077-6	. . FITTING, WCS to outer panel lower outboard splice RH (use 140-14077-4 until exh)	1	E
	7578-140007-6 *5			

WING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
14	191-14600-1	.							SKIN ASSY, Outer panel inboard upper LH	1	G
	191-14600-11	.							SKIN ASSY, Outer panel inboard upper LH	1	F
	191-14600-2	.							SKIN ASSY, Outer panel inboard upper RH	1	G
	191-14600-12	.							SKIN ASSY, Outer panel inboard upper RH	1	F
	191-14600-3	.	.						SKIN ASSY, Outer panel inboard upper inner LH (altered from 191-14407-1)	1	G
	191-14600-4	.	.						SKIN ASSY, Outer panel inboard upper inner RH (altered from 191-14407-2)	1	E
	191-14115-1	.	.						SKIN ASSY, WOP upper intermediate LH	1	E
	191-14115-2	.	.						SKIN ASSY, WOP upper intermediate RH	1	E
	191-14115-101	.	.						SKIN ASSY, WOP upper intermediate LH	1	F
	191-14115-102	.	.						SKIN ASSY, WOP upper intermediate RH	1	F
	191-14115-3	.	.	.					SKIN ASSY, WOP upper intermediate LH	1	E
	191-14115-4	.	.	.					SKIN ASSY, WOP upper intermediate RH	1	E
	191-14115-91	.	.	.					SKIN ASSY, WOP upper intermediate LH	1	F
	191-14115-92	.	.	.					SKIN ASSY, WOP upper intermediate RH	1	F
	140-48018	.	.	.					GASKET, WOP upper intermediate	1	E
-29	151-48029-11	.	.	.					DOOR ASSY, Wing fuel cell filler	1	E
	H5000-2-.081-.125	.	.	.	.				LATCH, (Hartwell)	2	E
	120-48079-10	.	.	.	.				HINGE ASSY, Wing fuel cell filler	2	E
	191-14603-1	.							SKIN ASSY, Outer panel lower LH	1	A,B,C
	191-14603-2	.							SKIN ASSY, Outer panel lower RH	1	A,B,C
	191-14603-11	.							SKIN ASSY, Outer panel lower LH	1	D
	191-14603-12	.							SKIN ASSY, Outer panel lower RH	1	D
	191-14603-21	.							SKIN ASSY, Outer panel lower LH	1	F
	191-14603-22	.							SKIN ASSY, Outer panel lower RH	1	F
	191-14603-3	.	.						SKIN, WOP inbd lower inner LH (altered from 191-14412-1)	1	G
	191-14603-9	.	.						SKIN, WOP inbd lower inner LH	1	F
	191-14603-4	.	.						SKIN, WOP inbd lower inner RH (altered from 191-14412-2)	1	G
	191-14603-10	.	.						SKIN, WOP inbd lower inner RH	1	F
	191-14116-1	.	.						SKIN ASSY, WOP lower intermediate LH	1	A,B,C
	191-14116-201	.	.						SKIN ASSY, WOP lower intermediate LH	1	D
	191-14116-301	.	.						SKIN ASSY, WOP lower intermediate LH	1	E
	191-14116-2	.	.						SKIN ASSY, WOP lower intermediate RH	1	A,B,C
	191-14116-202	.	.						SKIN ASSY, WOP lower intermediate RH	1	D
	191-14116-302	.	.						SKIN ASSY, WOP lower intermediate RH	1	E
	191-14116-91	.	.	.					SKIN, WOP lower intermediate inner LH (altered from 191-14770-1)	1	E
	191-14116-92	.	.	.					SKIN, WOP lower intermediate inner RH (altered from 191-14770-2)	1	E
	191-14750-1	.							RIB ASSY, Wing outer panel sta 147 intermediate LH	1	E
	191-14750-2	.							RIB ASSY, Wing outer panel sta 147 intermediate RH	1	E
-30	152-14124-13	.	.						FITTING ASSY, Wing sta 147 rear bomb rack sway brace LH (use 151-14124 until exh)	1	E
	152-14124-14	.	.						FITTING ASSY, Wing sta 147 rear bomb rack sway brace RH (use 151-14124 until exh)	1	E
-31	191-14768	.	.						NUT, WOP BP118 external fuel tank center post attaching	1	E
-32	176-14767	.	.						RETAINER, WOP external fuel tank center post attaching	1	E
-33	AN365-428	.							NUT	4	E
-34	AN960D416	.							WASHER	2	E
-35	AN4-10A	.							BOLT RETAINER, Two lug (Nutt-Shel)	2	E
	6800-048	.							BOLT	2	E
-36	AN4-12A	.							BOLT RETAINER, Corner type (Nutt-Shel)	2	E
	6820-048	.	.						BOLT RETAINER, Corner type (Nutt-Shel)	2	E
-37	165-52347-1	.							SUPPORT, Aileron control WOP inboard bellcrank LH	1	E
	165-52347-2	.							SUPPORT, Aileron control WOP inboard bellcrank RH	1	E
-38	191-14779-7	.							FITTING ASSY, WOP forward tank support BP118 LH	1	E
	191-14779-8	.							FITTING ASSY, WOP forward tank support BP118 RH	1	E
-39	165-52333-1	.							BRACKET ASSY, Aileron control wing sta 104 LH	1	E
	165-52333-2	.							BRACKET ASSY, Aileron control wing sta 104 RH	1	E
-40	140-33625-1	.							BRACKET ASSY, Landing gear emer release flap sta 5 5/8 LH (right side only)	1	E
	140-33625-2	.							BRACKET ASSY, Landing gear emer release flap sta 5 5/8 RH (right side only)	1	E
-41	140-33634	.							SPRING, LG emer release uplock holdback	2	E
-42	151-33629	.							ARM ASSY, Main LG emer release sys uplock activating	2	E
-43	AN210-2B	.							PULLEY	1	E
-44	151-33642	.							CABLE ASSY, LG emer release main gear LH	1	E
	151-33640	.							CABLE ASSY, LG emer release main gear RH	1	E
	RA2258-3	.	.						TERMINAL, (American Chain and Cable)	1	E
-45	191-14773	.							PIN ASSY, Rear spar WOP sta 160.265	1	E
-46	191-51130	.							SUPPORT ASSY, Remote compass transmitter (use 151-51030-15 until exh) (LH wing only)	1	E
-47	227-14617	.							STUD, WOP extended LE to 12 in. extended wing tip	2	F,*2

*1 Mtchd cmpnt, do not stk sep, order part No. 165-51908.
*2 Also used on airplanes 51-13170 thru 53-1227 modified per T. O. 1F-86F-516.
*3 Not used on airplanes modified per T. O. 1F-86F-516
*4 Refer to T. O. 1F-86F-516

USEABLE ON CODE:
A 51-13170 thru 51-13340, 52-4305 thru 52-4504
B 51-13341 thru 51-13510, 52-4505 thru 52-5163, 52-5272 thru 52-5530
C 52-5164 thru 52-5271
D 53-1072 thru 53-53-1228
E 51-13170 and subs
F 55-3816 and subs
G 51-13170 thru 53-1228

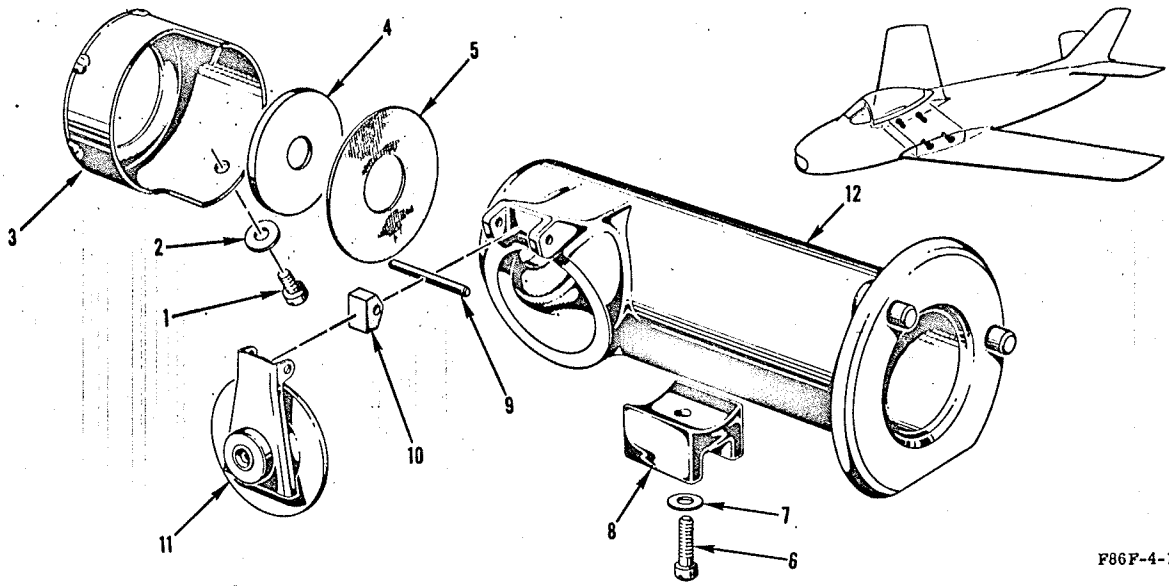


FIGURE 15 - OUTER TO CENTER WING FUEL INTERCONNECTOR CHECK VALVE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
15	172-48107-1	VALVE ASSY, Outer to center wing fuel interconnector check LH fwd and RH rear (use 151-48107-31 until exh, when exh use 172-48107-11) (see figure 4 for next assy)	2	B
	172-48107-11	VALVE ASSY, Outer to center wing fuel interconnector check LH fwd and RH rear (use 172-48107-1 or 151-48107-31 until exh) (see figure 4 for next assy)	2	C
	151-48107-31	VALVE ASSY, Outer to center wing fuel interconnector check RH rear and LH fwd (use 172-48107-1 or 172-48107-11 when exh) (see figure 4 for next assy)	2	A
	172-48107-2	VALVE ASSY, Outer to center wing fuel interconnector check LH rear and RH fwd (use 151-48107-52 until exh, when exh use 172-48107-12) (see figure 4 for next assy)	2	B
	172-48107-12	VALVE ASSY, Outer to center wing fuel interconnector check RH fwd and LH rear (use 172-48107-2 or 151-48107-52 until exh) (see figure 4 for next assy)	2	C
	151-48107-52	VALVE ASSY, Outer to center wing fuel interconnector check RH fwd and LH rear (use 172-48107-2 or 172-48107-12 when exh) (see figure 4 for next assy)	2	A
-1	AN503-8-4	. SCREW	2	
-2	AN960D8L	. WASHER	2	
-3	151-48123	. RETAINER ASSY, Outer to center wing fuel cell interconnector washer	2	
-4	172-48107-3	. WASHER, Outer to center wing fuel interconnector check valve	1	*1
	172-48107-7	. WASHER, Outer to center wing fuel interconnector check valve	1	*2
	151-48107-9	. WASHER, Outer to center wing fuel interconnector check valve	1	A
-5	2W1V40-52-31	. WASHER, Plain (North American)	1	
-6	AN503-8-8	. SCREW	1	
-7	AN960D8L	. WASHER	1	
-8	172-48110	. SPACER, Fuel cell outer to center wing interconnector check valve (use 151-48107-11 until exh)	1	
	151-48107-11	. SPACER, Outer to center wing fuel cell interconnector check valve (when exh use 172-48110)	1	
-9	AN253-2-106	. PIN	2	
-10	172-48124	. BLOCK, Outer to center wing fuel cell interconnector check valve stop (used on 151-48107-52 only)	2	A
-11	5-2400	. VALVE ASSY, Swing check (used on LH forward and RH rear interconnector) (Sweeney)(use 151-48111-11 until exh)	2	
	151-48111-11	. FLAPPER ASSY, Outer to center wing fuel cell interconnector (when exh use 5-2400 or 5-2500 Sweeney)	4	A
	151-48110	. . ARM, Outer to center wing fuel cell interconnector flapper	4	A
	5-2500	. VALVE ASSY, Swing check (used on RH fwd and LH rear interconnector) (Sweeney) (use 151-48111-11 until exh) (NA Spec 172-948034)	2	
-12	151-48126-31	. BODY ASSY, Outer to center wing fuel cell interconnector check valve (use 151-48126-11 until exh)	2	
	151-48126-11	. BODY ASSY, Outer to center wing fuel cell interconnector check valve (when exh use 151-48126-31)	2	A
	151-48126-32	. BODY ASSY, Outer to center wing fuel cell interconnector check valve (use 151-48126-12 until exh)	2	
	151-48126-12	. BODY ASSY, Outer to center wing fuel cell interconnector check valve (when exh use 151-48126-32)	2	A

*1 Used on 172-48107-1 and -2 only.
*2 Used on 172-48107-11 and -12 together with 191-48106 and MS29513-11

USEABLE ON CODE: A 51-2850 thru 51-2943 51-13070 thru 51-13079 C 51-13170 and subs
51-12936 thru 51-12976, B 51-13070 thru 51-13169

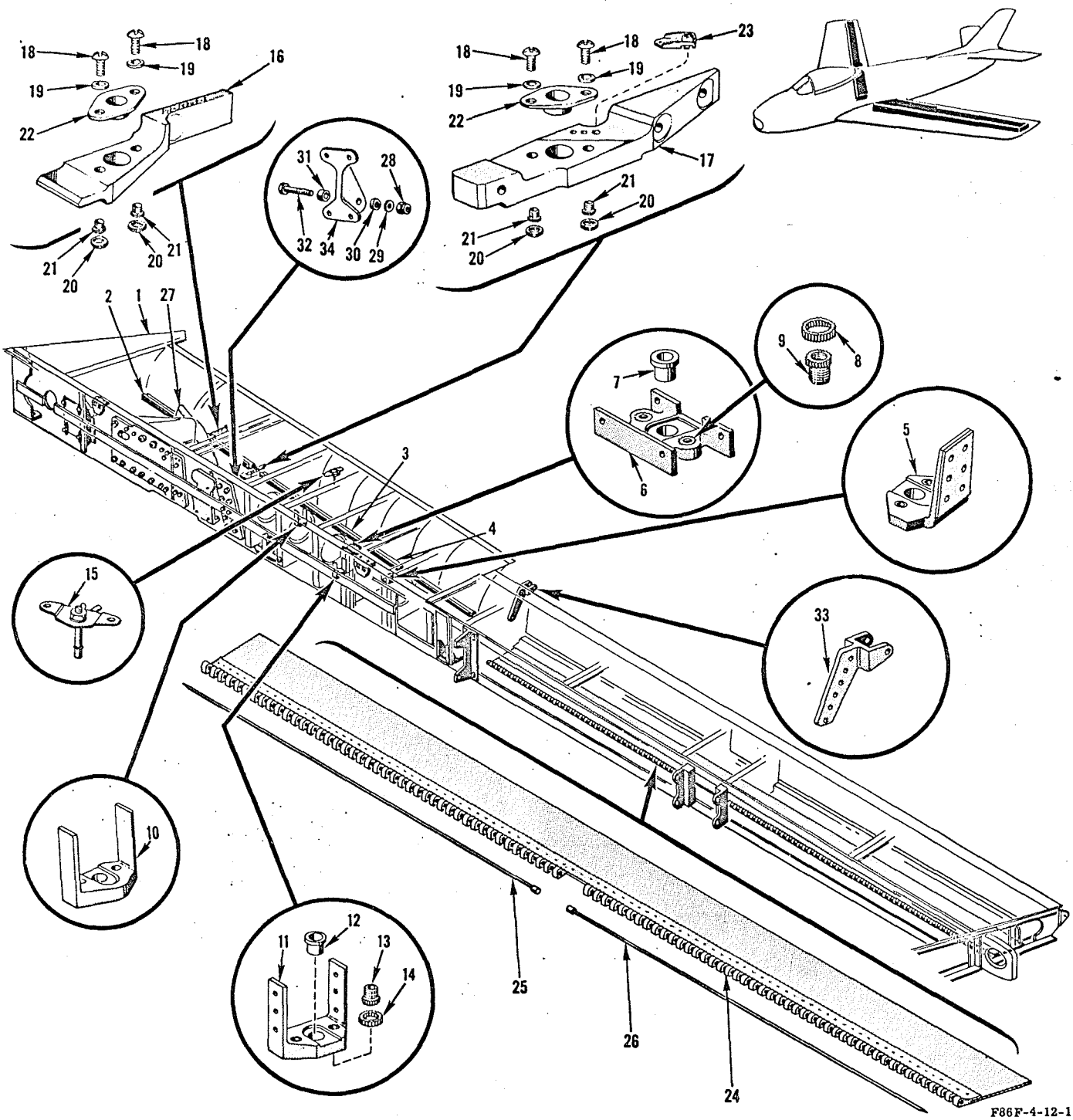


FIGURE 16 - WING OUTER PANEL TRAILING EDGE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
16	191-14008-1	TRAILING EDGE ASSY, WOP LH (see figure 14 for next assy)	Ref	A,B
	191-14008-2	TRAILING EDGE ASSY, WOP RH (see figure 14 for next assy)	Ref	A,B
	191-14008-11	TRAILING EDGE ASSY, WOP LH (see figure 14 for next assy)	Ref	C
	191-14008-12	TRAILING EDGE ASSY, WOP RH (see figure 14 for next assy)	Ref	C
	191-14008-21	TRAILING EDGE ASSY, WOP LH (see figure 14 for next assy)	Ref	D
	191-14008-22	TRAILING EDGE ASSY, WOP RH (see figure 14 for next assy)	Ref	D
-1	191-14006-21	. TRAILING EDGE ASSY, Wing outer panel inboard LH	1	A,B,*1
	191-14006-22	. TRAILING EDGE ASSY, Wing outer panel inboard RH	1	A,B,*2
	191-14006-31	. TRAILING EDGE ASSY, Wing outer panel inboard LH	1	C,D,*3
	191-14006-32	. TRAILING EDGE ASSY, Wing outer panel inboard RH	1	C,D,*4

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
16	151-14152	.	.						TRAILING EDGE, Wing outer panel inboard upper	1	A,B,C
	170-14234-3	.	.						TRAILING EDGE, WOP aileron sta 0 to sta 114 lower LH	1	A,B,C
	170-14234-4	.	.						TRAILING EDGE, WOP aileron sta 0 to sta 114 lower RH	1	A,B,C
-2	151-14256-1	.	.						SEAL ASSY, Flap to shroud lower surface (inboard)	1	A,B,C
-3	151-14256-11	.	.						SEAL ASSY, Flap to shroud lower surface (intermediate)	1	A,B,C
-4	151-14256-31	.	.						SEAL ASSY, Flap to shroud lower surface (outboard)	1	A,B,C
-5	151-14578-1	.	.						FITTING ASSY, WOP sta 142.484 rear rocket attaching LH	1	A,B,C
	151-14578-2	.	.						FITTING ASSY, WOP sta 142.484 rear rocket attaching RH	1	A,B,C
-6	152-14176-1	.	.						FITTING ASSY, WOP rocket attaching rear LH	1	A,B,C
	152-14176-2	.	.						FITTING ASSY, WOP rocket attaching rear RH	1	A,B,C
-7	140-14181	.	.	.					BUSHING, WOP rocket rear support	1	A,B,C
-8	RL21SB6	.	.	.					RING, (Rosan)	2	A,B,C
-9	R104SH6	.	.	.					INSERT, (Rosan)	2	A,B,C
	170-14570-11	.	.						RIB ASSY, WOP flap shroud flap sta 47.288 LH	1	A,B
	170-14570-12	.	.						RIB ASSY, WOP flap shroud flap sta 47.288 RH	1	A,B
	191-14570-1	.	.						RIB ASSY, WOP flap shroud to flap sta 56 LH	1	C
	191-14570-2	.	.						RIB ASSY, WOP flap shroud to flap sta 56 RH	1	C
	170-14571-1	.	.						RIB ASSY, WOP flap shroud to flap sta 56 LH	1	A,B,C
	170-14571-2	.	.						RIB ASSY, WOP flap shroud to flap sta 56 RH	1	A,B,C
-10	151-14576-1	.	.	.					FITTING ASSY, WOP 115.526 rear rocket attaching LH	1	A,B,C
	151-14576-2	.	.	.					FITTING ASSY, WOP 115.526 rear rocket attaching RH	1	A,B,C
-11	151-14577-1	.	.	.					FITTING ASSY, WOP 123.971 rear rocket attaching LH	1	A,B,C
	151-14577-2	.	.	.					FITTING ASSY, WOP 123.971 rear rocket attaching RH	1	A,B,C
-12	140-14181	.	.	.	.				BUSHING, WOP rocket rear support	1	A,B,C
-13	R104SH6	.	.	.	.				INSERT, (Rosan)	2	A,B,C
-14	RL21SB6	.	.	.	.				RING, (Rosan)	2	A,B,C
-15	2J1	.	.						JACK ASSY, Fuel nozzle grounding (North American)	3	A,B,C
	2J1	.	.						JACK ASSY, Fuel nozzle grounding (North American) (LH only station 168)	2	A,B,C
-16	191-14302-1	.	.						FITTING ASSY, WOP rocket support flap sta 35.562 LH	1	C
	191-14302-2	.	.						FITTING ASSY, WOP rocket support flap sta 35.562 RH	1	C
-17	191-14301-1	.	.						FITTING ASSY, WOP rocket support flap sta 44.750 LH	1	C
	191-14301-2	.	.						FITTING ASSY, WOP rocket support flap sta 44.720 RH	1	C
-18	AN515-8R6	.	.	.					SCREW	4	C
-19	AN935-8	.	.	.					WASHER	4	C
-20	RD104SB5	.	.	.					INSERT, (Rosan)	4	C
-21	RL21SB6	.	.	.					RING, (Rosan)	4	C
-22	191-14311	.	.	.					BUSHING, WOP rocket BP67.706 rear support (used on 191-14301-1 & -2 and 191-14302-1 & -2)	2	C
-23	22A217-22-02	.	.	.					NUTPLATE, (Elastic) (used on 191-14301 only)	1	C
	191-14005-1	.	SPAR ASSY, WOP rear LH (see figure 22 for breakdown)							1	A,B
	191-14005-11	.	SPAR ASSY, WOP rear LH (see figure 22 for breakdown)							1	C
	191-14005-21	.	SPAR ASSY, WOP rear LH (see figure 22 for breakdown)							1	D
	191-14005-2	.	SPAR ASSY, WOP rear RH (see figure 22 for breakdown)							1	A,B,C
	191-14005-22	.	SPAR ASSY, WOP rear RH (see figure 22 for breakdown)							1	D
-24	170-14025-11	.	SKIN ASSY, WOP flap sta 95.227 to tip TE upper LH							1	A,B,C,D
	170-14025-12	.	SKIN ASSY, WOP flap sta 95.227 to tip TE upper RH							1	A,B,C,D
	170-14025-21	.	SKIN ASSY, WOP flap sta 95.227 to tip TE lower LH							1	A,B,C,D
	170-14025-22	.	SKIN ASSY, WOP flap sta 95.227 to tip TE lower RH							1	A,B,C,D
	170-14234-1	.	.	TRAILING EDGE, WOP aileron sta 0 to 114 lower LH						1	A,B
	170-14234-2	.	.	TRAILING EDGE, WOP aileron sta 0 to 114 lower RH						1	A,B
	165-14239-1	.	.	TRAILING EDGE, WOP aileron sta 0 to 114 upper LH						1	C,D
	165-14239-2	.	.	TRAILING EDGE, WOP aileron sta 0 to 114 upper RH						1	C,D
	165-14394-1	.	.	SEAL ASSY, WOP plap sta 95 to aileron sta 114 lower door LH (outboard)						1	A,B
	165-14394-2	.	.	SEAL ASSY, WOP flap sta 95 to aileron sta 114 lower door RH (outboard)						1	A,B
	165-14394-41	.	.	SEAL ASSY, WOP flap sta 95 to aileron sta 114 lower door LH (inboard)						1	A,B
	165-14394-42	.	.	SEAL ASSY, WOP flap sta 95 to aileron sta 114 lower door RH (inboard)						1	A,B
-25	2P7-9-46 5/8	.	.	PIN ASSY, Hinge (North American)						1	A,B
-26	2P7-9-54	.	.	PIN ASSY, Hinge (North American)						1	A,B
-27	140-33014-31	.	FITTINGS INSTL, Main LG LH (see figure 29 for breakdown)							NP	A,B,C,D
	140-33014-32	.	FITTINGS INSTL, Main LG RH (see figure 29 for breakdown)							NP	A,B,C,D
-28	AN365-720	.	NUT							1	A,B,C,D
-29	AN960D716	.	WASHER							1	A,B,C,D
-30	NAS43C7-6	.	SPACER							1	A,B,C,D
-31	NAS43C7-14	.	SPACER							1	A,B,C,D
-32	AN7-15A	.	BOLT							1	A,B,C,D
-33	165-16007-1	.	FITTING, Aileron inbd fwd hinge LH (whn exh use 227-16007-3)							1	A,B,C,D
	165-16007-2	.	FITTING, Aileron inbd fwd hinge RH (whn exh use 227-16007-4)							1	A,B,C,D
	227-16007-3	.	FITTING, Aileron inbd fwd hinge LH (use 165-16007-1 untl exh)							1	A,B,C,D
	227-16007-4	.	FITTING, Aileron inbd fwd hinge RH (use 165-16007-2 untl exh)							1	A,B,C,D
-34	151-18045-1	FITTING, Hinge flap sta 33.347 rib to landing gear trunnion attaching LH (see figure 30)								Ref	
	151-18045-2	FITTING, Hinge flap sta 33.347 rib to landing gear trunnion attaching RH (see figure 30)								Ref	

USEABLE ON CODE: A 51-13170 thru 51-13510, 52-5272 thru 52-5530 B 52-4305 thru 52-4504, 51-4505 thru 51-5163 C 52-5164 thru 52-5271, 53-1072 thru 53-1228 D 55-3816 and subs

*1 Use 191-14006-1 untl exh
*2 Use 191-14006-2 untl exh
*3 Use 191-14006-11 untl exh
*4 Use 191-14006-12 untl exh

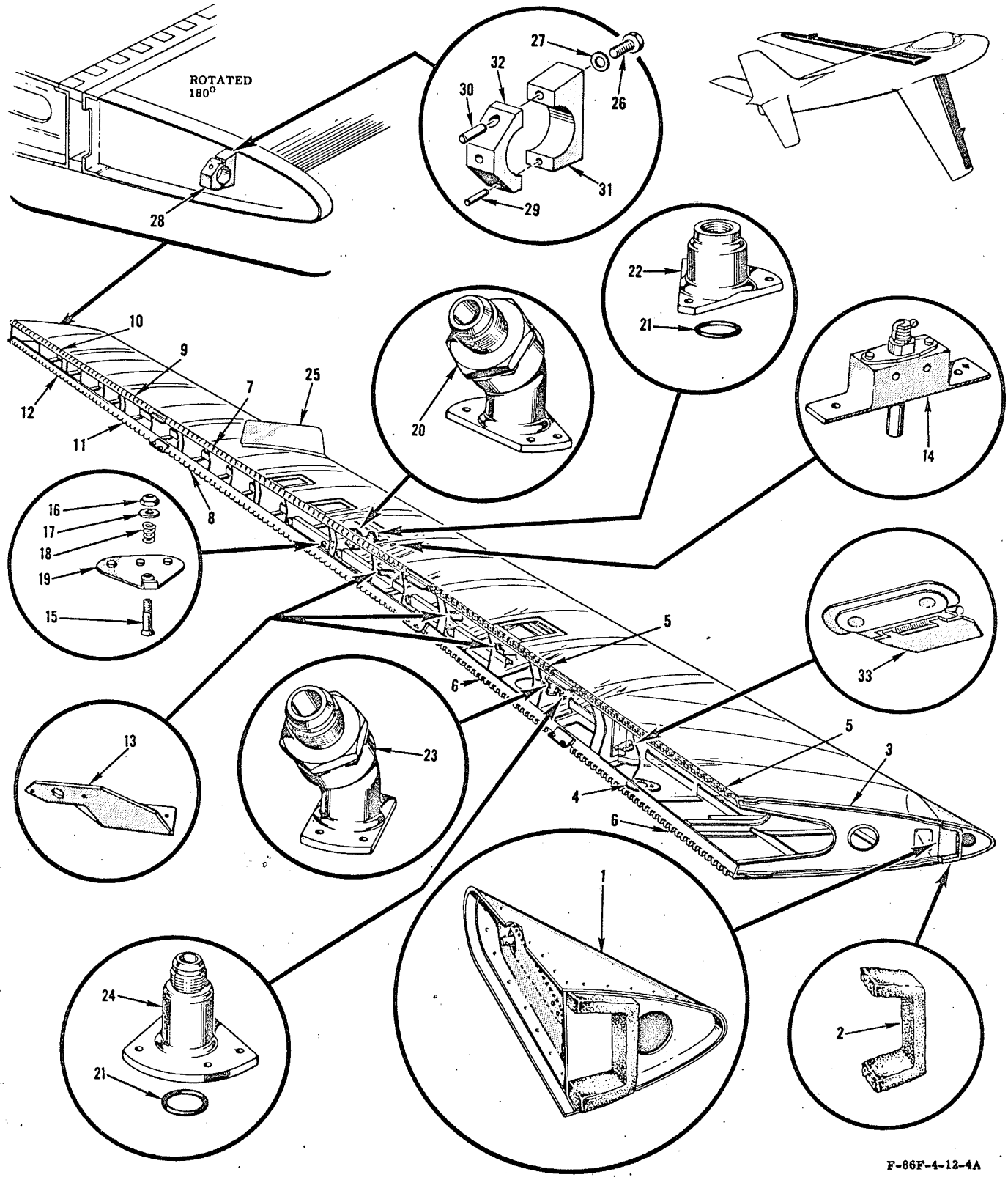


FIGURE 17 - WING OUTER PANEL 6-3 EXTENDED LEADING EDGE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
17	191-14240-1		LEADING EDGE ASSY, WOP 6-3 extended LH (see fig. 14 for next assy)	Ref	A,*1,*3
	191-14240-2		LEADING EDGE ASSY, WOP 6-3 extended RH (see fig. 14 for next assy)	Ref	A,*1,*3
	191-14240-11		LEADING EDGE ASSY, WOP 6-3 extended LH (see fig. 14 for next assy)	Ref	B,*1,*3
	191-14240-12		LEADING EDGE ASSY, WOP 6-3 extended RH (see fig. 14 for next assy)	Ref	B,*1,*3
-1	172-14714-41	*2	. LEADING EDGE ASSY, WOP 6-3 extended inbd removable LH	1	A,B,*3
	172-14714-42	*2	. LEADING EDGE ASSY, WOP 6-3 extended inbd removable RH	1	A,B,*3
	4002-5N		. . GROMMET, (Camloc)	1	A,B,*3
	4002-5	*2	. . STUD, (Camloc)	1	A,B,*3
-2	191-14236	*2	. . SEAL, WOP 6-3 extended inbd removable LE assy	1	A,B,*3
-3	5W1-9-15-0		. WEATHERSEAL, (North American) (lower)	1	A,B,*3
	5W1-9-22-0		. WEATHERSEAL, (North American) (upper)	1	A,B,*3
-4	8C3-3-064		. COVER, Bolt access (North American)	1	A,B,*3
-5	140-14014-5		. JOINT, WOP LE front spar inboard upper LH	1	A,B,*3
	140-14014-6		. JOINT, WOP LE front spar inboard upper RH	1	A,B,*3
-6	191-14545-5		. JOINT, WOP LE front spar inboard lower LH	1	A,*3
	191-14545-6		. JOINT, WOP LE front spar inboard lower RH	1	A,*3
	191-14545-9		. JOINT, WOP LE front spar inboard lower LH	1	B,*3
	191-14545-10		. JOINT, WOP LE front spar inboard lower RH	1	B,*3
-7	151-14546-5		. JOINT, WOP LE front spar center upper LH	1	A,B,*3
	151-14546-6		. JOINT, WOP LE front spar center upper RH	1	A,B,*3
-8	191-14547-5		. JOINT, WOP LE front spar center lower LH	1	A,B,*3
	191-14547-6		. JOINT, WOP LE front spar center lower RH	1	A,B,*3
-9	191-14548-5		. JOINT, WOP LE outboard upper (intermediate) LH	1	A,B,*3
	191-14548-6		. JOINT, WOP LE outboard upper (intermediate) RH	1	A,B,*3
-10	191-14548-7		. JOINT, WOP LE outboard upper LH	1	A,B,*3
	191-14548-8		. JOINT, WOP LE outboard upper RH	1	A,B,*3
-11	191-14549-5		. JOINT, WOP LE outboard lower (intermediate) LH	1	A,B,*3
	191-14549-6		. JOINT, WOP LE outboard lower (intermediate) RH	1	A,B,*3
-12	191-14549-7		. JOINT, WOP LE outboard lower LH	1	A,B,*3
	191-14549-8		. JOINT, WOP LE outboard lower RH	1	A,B,*3
-13	191-14258-1		. CLIP, WOP 6-3 extended LE electrical rocket release LH	3	A,B,*3
	191-14258-2		. CLIP, WOP 6-3 extended LE electrical rocket release RH	3	A,B,*3
-14	191-14250-11		. FITTING ASSY, WOP BP118 200 gallon drop tank fairing (use 191-14250 untl exh)	1	A,B,*3
-15	7S13-1032-13		. SCREW, 100° flush head corrosion resistant (North American)	1	A,B,*3
-16	AN310-3		. NUT	1	A,B,*3
-17	2W1AL13-16-64		. WASHER, Plain (North American)	1	A,B,*3
-18	157-318101		. SPRING, Cockpit canopy seal inflation plunger	1	A,B,*3
-19	191-14259		. COVER ASSY, WOP 6-3 extended LE elec jack access hole	1	A,B,*3
-20	176-48206-1		. FITTING ASSY, Drop tank BP118 fuel line disconnect & check valve LH (whn exh use 176-48206-11) (see fig 28)	1	A,B,*3
	176-48206-2		. FITTING ASSY, Drop tank BP118 fuel line disconnect & check valve RH (whn exh use 176-48206-12) (see fig. 28)	1	A,B,*3
	176-48206-11		. FITTING ASSY, Drop tank BP118 fuel line disconnect & check valve LH (use 176-48206-1 untl exh) (see fig 28)	1	A,B,*3
	176-48206-12		. FITTING ASSY, Drop tank BP118 fuel line disconnect & check valve RH (use 176-48206-2 untl exh) (see fig. 28)	1	A,B,*3
-21	191-48015	*4	. SEAL, Fuel drop tank air line disconnect	1	A,B,*3
-22	176-48213-1		. FITTING, Fuel drop tank air line disconnect BP118 LH	1	A,B,*3
	176-48213-2		. FITTING, Fuel drop tank air line disconnect BP118 RH	1	A,B,*3
-23	176-48210		. FITTING ASSY, Fuel drop tank BP72 1/4 disconnect & check valve (whn exh use 176-48210-10) (see fig. 28 for bkdn)	1	A,B,*3
	176-48210-10		. FITTING ASSY, Fuel drop tank BP72 1/4 disconnect & check valve (use 176-48210 untl exh) (see fig. 28 for bkdn)	1	A,B,*3
-24	176-48225-1		. FITTING, Drop fuel tank air line BP72 1/4 disconnect LH	1	A,B,*3
	176-48225-2		. FITTING, Drop fuel tank air line BP72 1/4 disconnect RH	1	A,B,*3
-25	191-14850-1		. FENCE ASSY, WOP 6-3 extended LE BP145 LH (use 191-14243-1 untl exh)	1	A,B,*3
	191-14850-2		. FENCE ASSY, WOP 6-3 extended LE BP145 RH (use 191-14243-2 untl exh)	1	A,B,*3
-26	NAS510-3-5A		. BOLT, (RH only)	2	A,B,*3
-27	2W18-10		. WASHER, Flat (North American) (RH only)	2	A,B,*3
-28	165-51107-21		. CLAMP ASSY, WOP airspeed boom fwd attaching (RH only)	1	A,B,*3
-29	165-51107-7		. . PIN, WOP airspeed boom fwd attaching (RH only)	1	A,B,*3
-30	165-51107-11		. . PIN, WOP airspeed boom fwd attaching (RH only)	1	A,B,*3
-31	165-51107-13		. . FITTING, WOP airspeed boom fwd attaching (RH only)	1	A,B,*3
-32	165-51107-9		. . CLAMP, WOP airspeed boom fwd attaching (RH only)	1	A,B,*3
-33	191-14730-11		. DOOR ASSY, WOP BP118 elec auxiliary fuel tank jack	1	B,*3

*1 Also used on airplanes modified in accordance with T. O. 1F-86-109
*2 Refer to T. O. 1F-86-204
*3 Not used on airplanes 51-13170 thru 53-1228 modified per T. O. 1F-86F-516
*4 Refer to T. O. 1F-86-176
See fig. 17B for LE assys modified per T. O. 1F-86F-516

USEABLE ON CODE: A 51-13341 thru 51-13510, 52-4505 thru 52-5530 B 53-1072 thru 53-1228

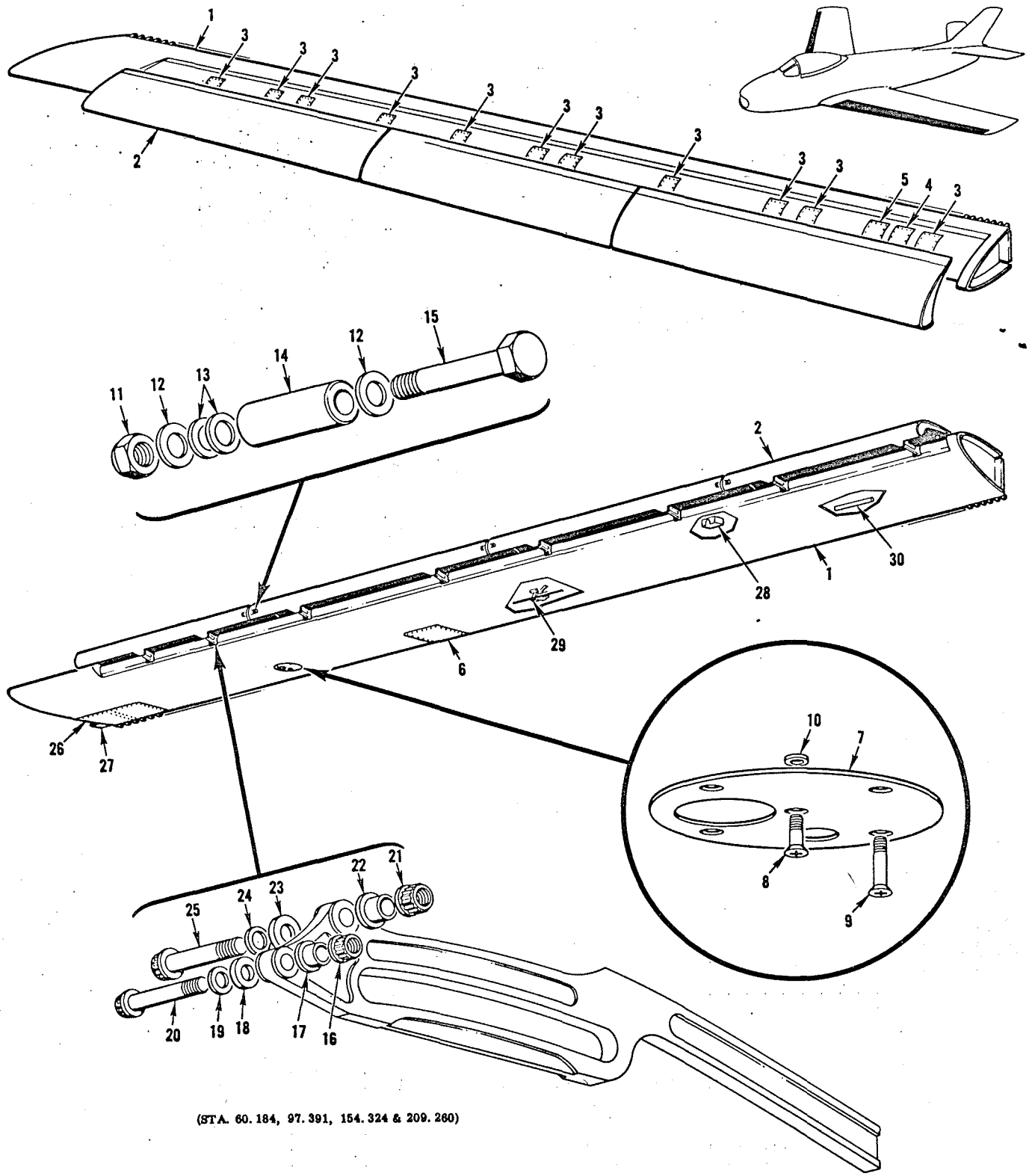


FIGURE 18 - 6-3 SLATTED EXTENDED LEADING EDGE ASSEMBLY (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
18	202-14109-1		LEADING EDGE ASSY, WOP 6-3 extended slatted complete LH (Mod)	1	*1
	202-14109-2		LEADING EDGE ASSY, WOP 6-3 extended slatted complete RH (Mod)	1	*1
-1	227-14009-1	.	LEADING EDGE ASSY, WOP 6-3 extended LH (see fig 19 for bkdn)	1	
	227-14009-2	.	LEADING EDGE ASSY, WOP 6-3 extended RH (see fig 19 for bkdn)	1	
-2	No Number	.	SLAT ASSY, LH and RH (see fig. 10 for breakdown)	NP	
-3	227-14561	.	DOOR, WOP extended slat LE access	11	
	AN509-10R8	.	SCREW	143	
-4	227-14561	.	DOOR, WOP extended slat LE access (LH wing only)	1	
	AN509-10R8	.	SCREW, (LH wing only)	13	
-5	227-14561	.	DOOR, WOP extended slat LE access (RH wing only)	1	
	AN509-10R8	.	SCREW, (RH wing only)	13	
-6	191-14254-3	.	DOOR, WOP 6-3 extended LE sta 122.212 fuel line access	1	
	AN509-10R8	.	SCREW	14	
-7	191-14819-5	.	DOOR, WOP leading edge access LE sta 80.781 LH	1	
	191-14819-6	.	DOOR, WOP leading edge access LE sta 80.781 RH	1	
-8	AN509-10R9	.	SCREW	4	
-9	7S13-1032-16	.	SCREW, 100° flush head corrosion resistant (North American)	1	
-10	2W18-10M	.	WASHER, Flat (North American)	1	
-11	AN365-524	.	NUT	3	
-12	2W1-21-28-64	.	WASHER, Plain (North American)	6	
-13	2W18-516M	.	WASHER, Flat (North American)	6	
-14	161-17170	.	SPACER, Wing slat interconnector	3	
-15	AN5-22A	.	BOLT	3	
-16	EB054	*2 .	NUT, (Elastic)	8	
-17	180-17123	*2 .	BUSHING, WOP 15° slat track attaching	8	
-18	202-14829-5	*2 .	WASHER, WOP LE 6-3 with slats slat to track attaching	8	
-19	2W10-5	*2 .	WASHER, Countersunk (North American)	8	
-20	5B24-5-24	*2 .	BOLT, 12 point external wrenching (North American)	8	
-21	EB064	*2 .	NUT, (Elastic)	8	
-22	180-17069-3	*2 .	BUSHING, Slat track attaching	8	
-23	202-14829-3	*2 .	WASHER, WOP 6-3 LE with slats slat to track attaching	8	
-24	2W10-6	*2 .	WASHER, Countersunk (North American)	8	
-25	5B24-6-24	*2 .	BOLT, 12 point external wrenching (North American)	8	
-26	191-14244-11	.	DOOR ASSY, WOP 6-3 extended LE lines access LH	1	
	191-14244-12	.	DOOR ASSY, WOP 6-3 extended LE lines access RH	1	
	AN509-10R9	.	SCREW	40	
-27	151-14273-1	.	RETAINER ASSY, WOP LE to fairing LH	1	
	151-14273-2	.	RETAINER ASSY, WOP LE to fairing RH	1	
-28	193-48202-1	.	FUEL AND PRESSURE EQUIP INSTL, Extended wing LE drop tank LH (see fig. 41 for breakdown)	NP	
	193-48202-2	.	FUEL AND PRESSURE EQUIP INSTL, Extended wing LE drop tank RH (see fig. 41 for breakdown)	NP	
-29	202-68701-1	.	JETTISON MECHANISM INSTALLATION, Wing outer emergency LH (see fig. 65 & 67 for breakdown)	NP	
	202-68701-2	.	JETTISON MECHANISM INSTALLATION, Wing outer emergency RH (see fig. 65 & 67 for breakdown)	NP	
-30	202-54114-1	.	ELEC EQUIP. INSTALLATION, 6-3 slatted leading edge LH (see fig 95 for breakdown)	NP	
	202-54114-2	.	ELEC EQUIP. INSTALLATION, 6-3 slatted leading edge RH (see fig. 95 for breakdown)	NP	

*1 Used on airplanes 51-13170 thru 53-1227 modified per T. O. 1F-86F-516.
*2 Reverse instl of these parts at stas. 74.917, 129-853, 184-789 & 239.725 (bolt heads inboard)

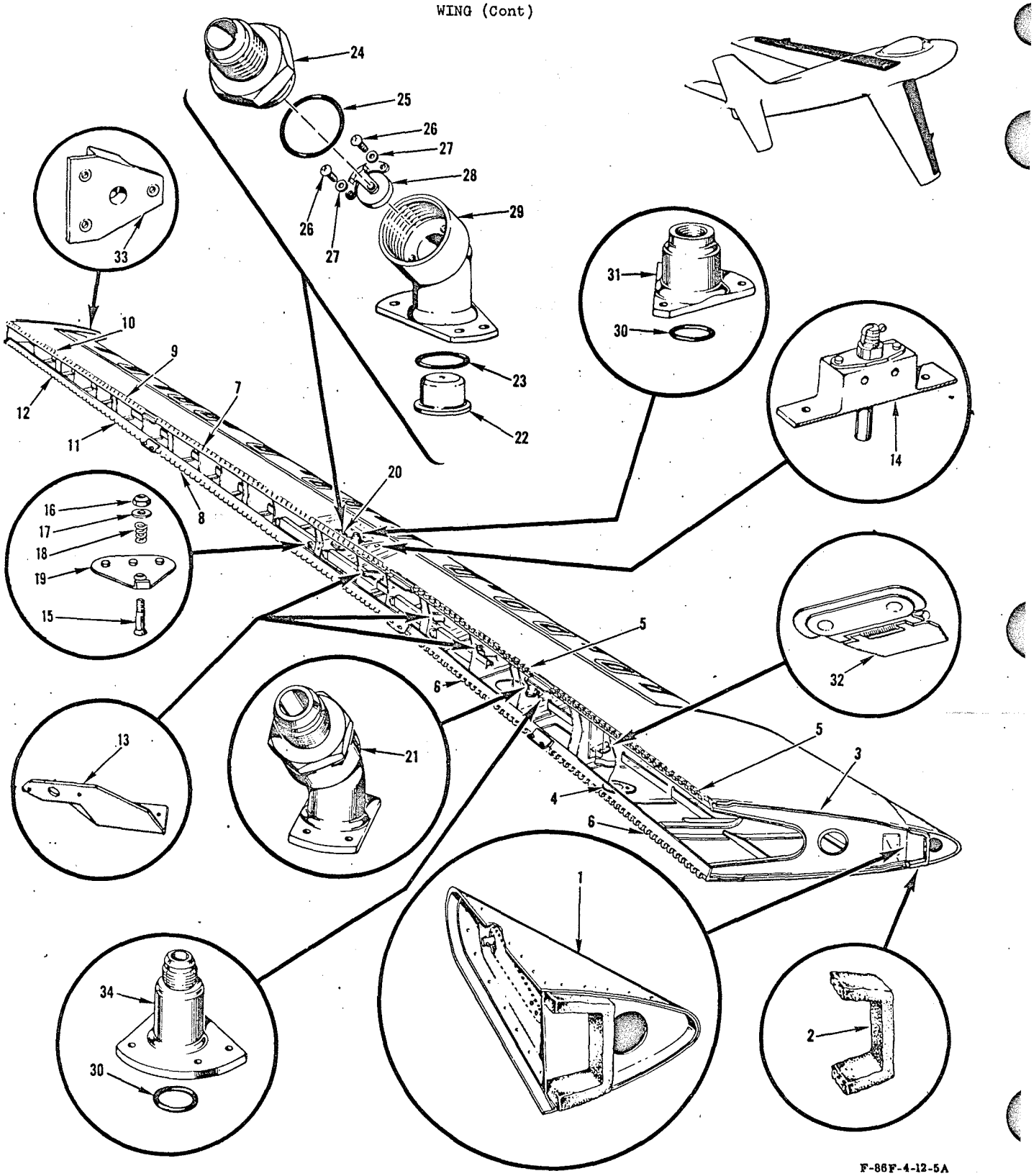
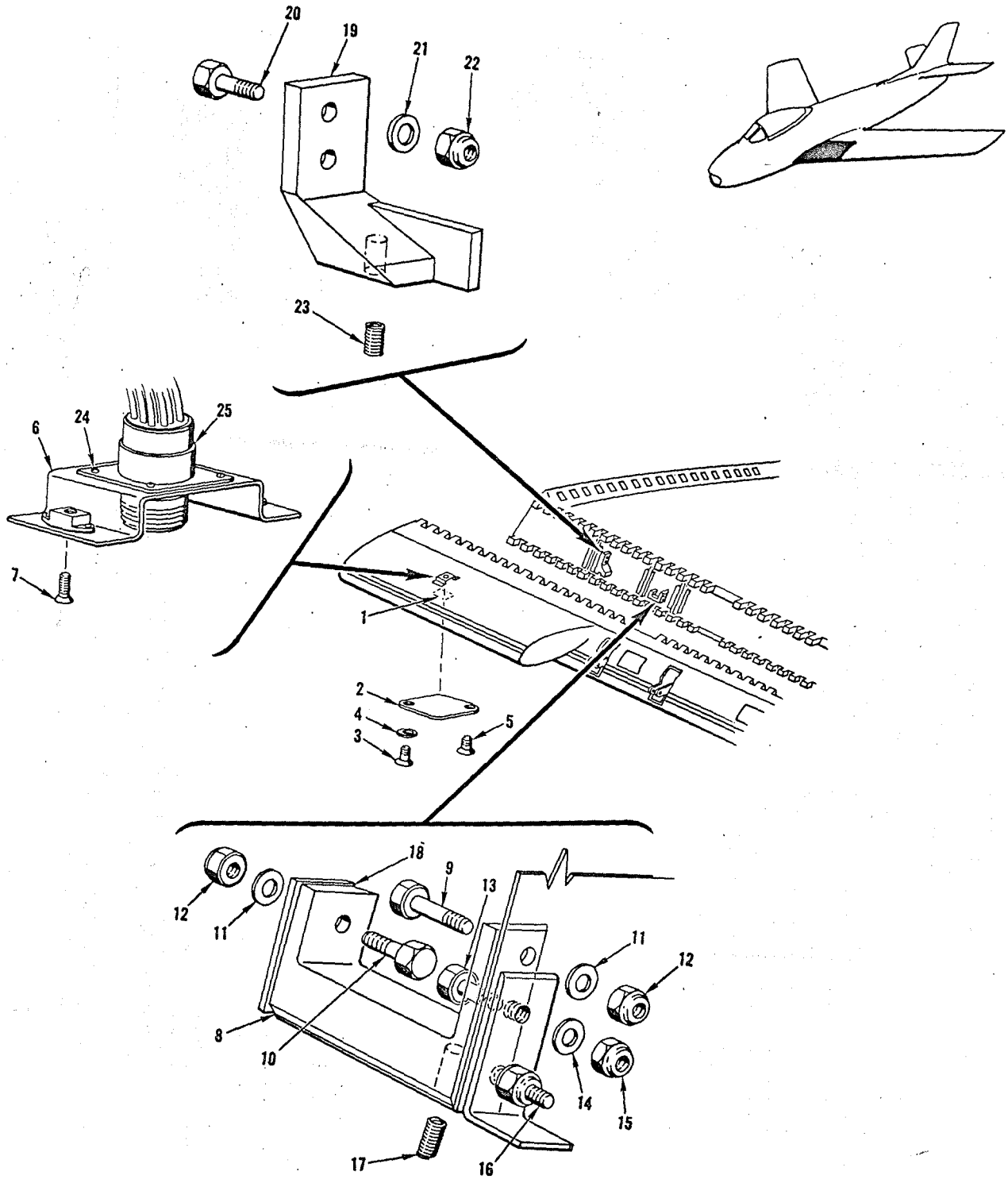


FIGURE 19 - 6-3 SLATTED EXTENDED LEADING EDGE ASSEMBLY (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
19	227-14009-1	*2	LEADING EDGE ASSY, Wing 6-3 extended with slats LH (see figs. . . . . 14 and 18 for next assy)	NP	
	227-14009-2	*2	LEADING EDGE ASSY, Wing 6-3 extended with slats RH (see figs. . . . . 14 and 18 for next assy)	NP	

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
19	No Number	*3	.	MISSILE PYLON GAR-8 SIDEWINDER WING EQUIPMENT (MOD) (see fig. 19A for bkdn)	Ref	
-1	172-14714-41		.	LEADING EDGE ASSY, WOP 6-3 extended inbd removable LH	1	
	172-14714-42		.	LEADING EDGE ASSY, WOP 6-3 extended inbd removable RH	1	
	4002-5N		. .	GROMMET, (Camloc)	1	
	4002-5		. .	STUD, (Camloc)	1	
-2	191-14236		. .	SEAL, WOP 6-3 extended removable LE assy	1	
-3	5W1-9-15-0		.	WEATHERSEAL, (North American) (lower)	1	
	5W1-9-22-0		.	WEATHERSEAL, (North American) (upper)	1	
-4	8C3-3-064		.	COVER, Bolt access (North American) (or RH wing only)	1	
-5	140-14014-5		.	JOINT, WOP 6-3 LE front spar inboard upper LH	1	
	140-14014-6		.	JOINT, WOP 6-3 LE front spar inboard upper RH	1	
-6	191-14545-9		.	JOINT, WOP LE front spar inboard lower LH	1	
	191-14545-10		.	JOINT, WOP LE front spar inboard lower RH	1	
-7	151-14546-5		.	JOINT, WOP LE front spar center upper LH	1	
	151-14546-6		.	JOINT, WOP LE front spar center upper RH	1	
-8	191-14547-5		.	JOINT, WOP LE front spar center lower LH	1	
	191-14547-6		.	JOINT, WOP LE front spar center lower RH	1	
-9	191-14548-11		.	JOINT, WOP LE outboard upper (intermediate) LH	1	
	191-14548-12		.	JOINT, WOP LE outboard upper (intermediate) RH	1	
-10	191-14548-13		.	JOINT, WOP LE outboard upper LH	1	
	191-14548-14		.	JOINT, WOP LE outboard upper RH	1	
-11	191-14549-11		.	JOINT, WOP LE outboard lower (intermediate) LH	1	
	191-14549-12		.	JOINT, WOP LE outboard lower (intermediate) RH	1	
-12	191-14549-13		.	JOINT, WOP LE outboard lower LH	1	
	191-14549-14		.	JOINT, WOP LE outboard lower RH	1	
-13	191-14258-1		.	CLIP, WOP 6-3 extended LE electrical rocket release LH	3	
	191-14258-2		.	CLIP, WOP 6-3 extended LE electrical rocket release RH	3	
-14	191-14250-11		.	FITTING ASSY, WOP BP118 200 Gallon drop tank fairing (use 191-14250 until exh)	1	
-15	7S13-1032-13		.	SCREW, 100° flush head corrosion resistant (North American)	4	
-16	AN310-3		.	NUT	4	
-17	2W1AL13-16-64		.	WASHER, Plain (North American)	4	
-18	157-318101		.	SPRING, Cockpit canopy seal inflation plunger	4	
-19	170-14691-1		.	COVER, WOP LE elec jack access hole LH	4	
	170-14691-2		.	COVER, WOP LE elec jack access hole RH	4	
-20	176-48206-1		.	FITTING ASSY, Drop tank BP118 fuel line disconnect & check valve LH (whn exh use 176-48206-11)	1	
	176-48206-2		.	FITTING ASSY, Drop tank BP118 fuel line disconnect & check valve RH (whn exh use 176-48206-12)	1	
	176-48206-11		.	FITTING ASSY, Drop tank BP118 fuel line disconnect & check valve LH (use 176-48206-1 until exh)	1	
	176-48206-12		.	FITTING ASSY, Drop tank BP118 fuel line disconnect & check valve RH (use 176-48206-2 until exh)	1	
-21	176-48210		.	FITTING ASSY, Fuel drop tank BP72 1/4 disconnect & check valve (whn exh use 176-48210-10)	1	
	176-48210-10		.	FITTING ASSY, Fuel drop tank BP72 1/4 disconnect & check valve (use 176-48210 until exh)	1	
-22	161-48273		. .	PLUG, Drop fuel tank fuel disconnect (used on 176-48206 -1 & -2 or -11 & -12 only)	1	
	176-48223		. .	PLUG, Drop fuel tank fuel line BP72 1/4 disconnect fitting (used on 176-48210 or -10 only)	1	
-23	MS29513-214		. .	PACKING	1	
-24	176-48205		. .	UNION, Drop fuel tank line and disconnect fitting	1	
-25	MS29512-24		. .	GASKET	1	
-26	AN515-6R7		. .	SCREW	2	
-27	AN960D6L		. .	WASHER	2	
-28	1111-518111		. .	VALVE, Check (Parker Aircraft) (intrch wth Sweeney 6-1600) (whn exh use 1111-536313)	1	
	1111-536313		. .	VALVE, Check (Parker Aircraft) (intrch wth Sweeney 5-1700) (use 1111-518111 until exh)	1	
-29	176-48204-1		. .	FITTING, Drop fuel tank BP118 fuel line disconnect & check valve LH (used on 176-48206-1 or -11 only)	1	
	176-48204-2		. .	FITTING, Drop fuel tank BP118 fuel line disconnect & check valve RH (used on 176-48206-2 or -12 only)	1	
	176-48209		. .	FITTING, Drop tank BP72 1/4 disconnect & check valve (used on 176-48210 or -10 only)	1	
	RD103SB5L		. . .	INSERT, (Rosan)	1	
	RL18SB6		. . .	RING, (Rosan)	1	
-30	191-48015	*1	.	SEAL, Fuel drop tank air line disconnect	2	
-31	176-48213-1		.	FITTING, Fuel drop tank air line disconnect BP118 LH	1	
	176-48213-2		.	FITTING, Fuel drop tank air line disconnect BP118 RH	1	
-32	191-14730-21		.	DOOR ASSY, WOP BP118 elec aux fuel tank jack	2	
	156-54069		. .	SPRING, Electric spare lamp door	1	
-33	227-14616		.	FITTING, WOP extended LE to 12 in. extended wing tip inbd	2	
	No Number		.	WING LEADING EDGE SLAT TRACK EQUIP (see fig. 26 for bkdn)	NP	
-34	176-48225-1		.	FITTING, Fuel drop tank airline BP72 1/4 disconnect LH	1	
	176-48225-2		.	FITTING, Fuel drop tank airline BP72 1/4 disconnect RH	1	

*1 Refer to T. O. 1F-86-176.
*2 When airplanes have been modified per T. O. 1F-86F-516 this leading edge assy is used on all F-86F airplanes.
*3 Used on airplanes coded A when modified per T. O. F-86F-533.
USEABLE ON CODE: A 51-13170 thru 51-13510, 52-5523 thru 52-5530, 52- 5272 thru 52- 5521, 52-4305 thru 52-5015, 52-5017 thru 52-5163



F-86F-4-54-37

FIGURE 19A - MISSILE PYLON GAR-8 SIDEWINDER WING EQUIPMENT (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
19A	No Number	*1	MISSILE PYLON GAR-8 SIDEWINDER WING EQUIPMENT (MOD) (see fig. 19 for next assy)	Ref	A
-1	202-540013		DECAL, Identification wing exterior missile elec sys (LH and RH)	1	A
-2	202-914044-5		DOOR, WOP GAR-8 sidewinder missile (LH and RH)	1	A
	ATTACHING PARTS				
-3	7S13-1032-16		SCREW, (North American)	1	A
-4	2W18-10M		WASHER, (North American)	1	A
-5	AN509-10R8		SCREW	1	A
	---*---				
-6	202-914044-9		BRACKET, WOP GAR-8 sidewinder missile elec (LH and RH)	1	A
	ATTACHING PARTS				
-7	AN509-10R7		SCREW	2	A
	---*---				
-8	202-681007-1		SUPPORT, GAR-8 sidewinder missile pylon outbd WOP front spar LH	1	A
	202-681007-2		SUPPORT, GAR-8 sidewinder missile pylon outbd WOP front spar RH	1	A
	ATTACHING PARTS				
-9	NAS1104-4		BOLT	1	A
-10	NAS1104-6		BOLT	1	A
-11	2W18-416M		WASHER, (North American)	2	A
-12	NAS679A4		NUT	2	A
-13	NAS1103-6		BOLT	1	A
-14	2W18-10M		WASHER, (North American)	1	A
-15	NAS679A3		NUT	1	A
	---*---				
-16	AN509-10R11		SCREW	1	A
	2W18-10		WASHER, (North American)	1	A
	AN365-428		NUT	1	A
-17	3591-5CN x 15/32		INSERT, (Heli-Coil)	1	A
-18	202-914044-19		SHIM, GAR-8 sidewinder missile pylon support	1	A
-19	202-681006-1		SUPPORT, GAR-8 sidewinder missile pylon inbd WOP front spar LH	1	A
	202-681006-2		SUPPORT, GAR-8 sidewinder missile pylon inbd WOP front spar RH	1	A
	ATTACHING PARTS				
-20	NAS1104-6		BOLT	2	A
-21	2W18-416M		WASHER, (North American)	2	A
-22	NAS679A4		NUT	2	A
	---*---				
-23	3591-5CN x 15/32		INSERT, (Heli-Coil)	1	A
-24	AN515-4R8		SCREW	4	A
	AN365-440		NUT	4	A
-25	MS3102A20-27S		RECEPTACLE, (wing to pylon attaching) (see fig. 293A)	Ref	

*1 Used on airplanes coded A when modified per T. O. 1F-86F-533

USEABLE ON CODE: A 51-13170 thru 51-13510,
52-5272 thru 52-5521,
52-5523 thru 52-5539,
52-4305 thru 52-5015,
52-5017 thru 52-5163

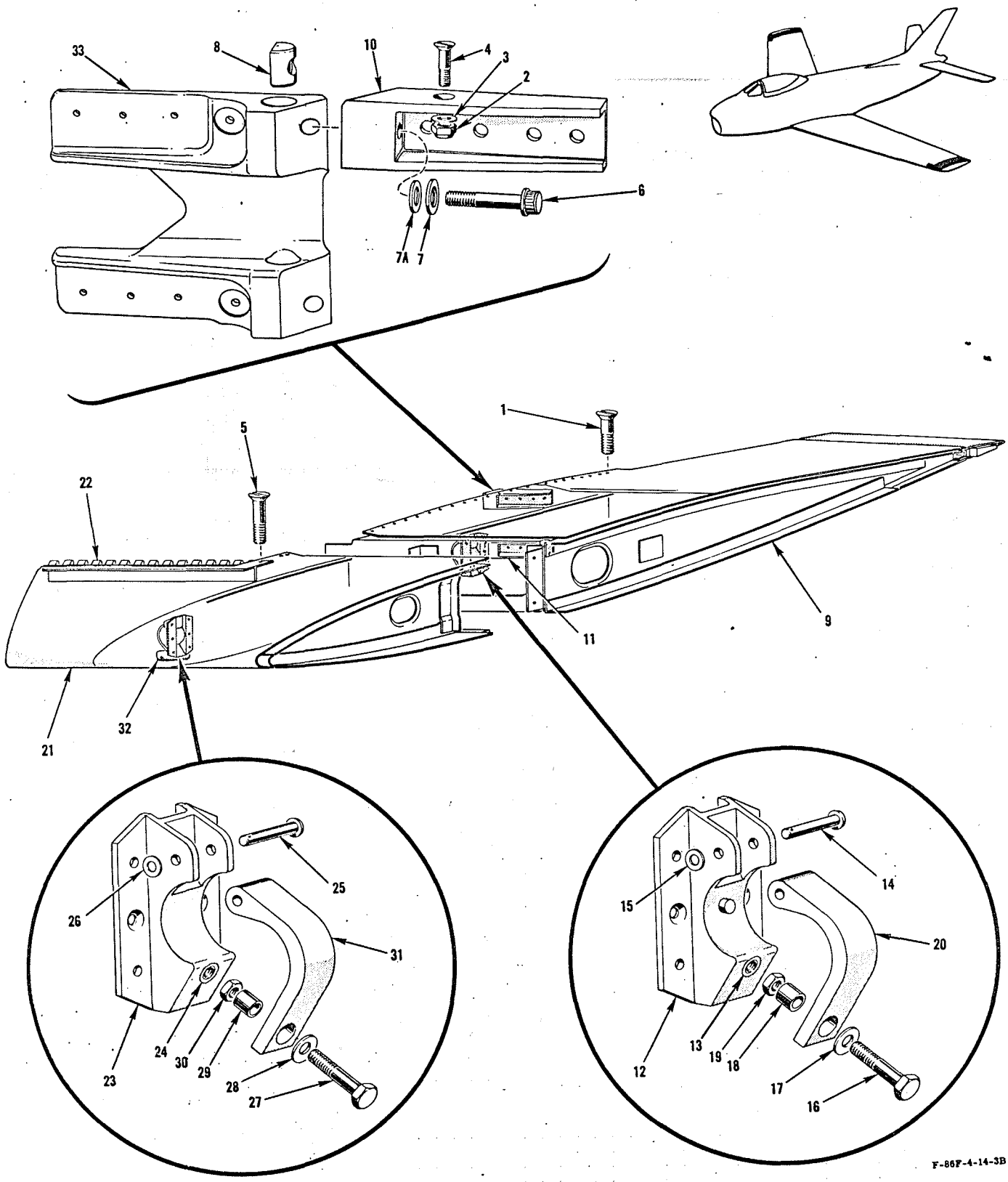


FIGURE 20 - LH AND RH WING OUTER PANEL 12 INCH EXTENSION TIP STRUCTURE INSTALLATION

WING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
20	227-14605-1	TIP STRUCTURE INSTALLATION, Wing outer panel 12 inch extension LH (see figure 14 for next assembly)	NP	A,*1
	227-14605-2	TIP STRUCTURE INSTALLATION, Wing outer panel 12 inch extension RH (see figure 14 for next assembly)	NP	A,*1
-1	7S21-10-11	. SCREW, 100° flush head corrosion resistant steel (North American)	33	A,*1
-2	AN365-1032	. NUT	1	A,*1
-3	2W18-10	. WASHER, Flat (North American)	1	A,*1
-4	7S10-21-14	. SCREW, 100° flush head corrosion resistant steel (North American)	1	A,*1
-5	7S21-10-9	. SCREW, 100° flush head corrosion resistant steel (North American)	2	A,*1
	7S21-10-14	. SCREW, 100° flush head corrosion resistant steel (North American)	1	A,*1
-6	NAS145-30	. BOLT, Internal wrenching steel 5/16-24	2	A,*1
-7	NAS143-5C	. WASHER, X1430 or equivalent 125,000 to 145,000 psi countersunk	2	A,*1
-7A	2W18-516M	. WASHER, Flat (North American)	2	A,*1
-8	AA2205W524	. BARREL NUT, Floating locking type (AA Metal Products)	2	A,*1
-9	187-14477-21	. STRUCTURE ASSY, Wing outer panel intermediate 12 inch tip extension LH	1	A,*1
	187-14477-22	. STRUCTURE ASSY, Wing outer panel intermediate 12 inch tip extension RH	1	A,*1
-10	187-14546-3	. . FITTING, Wing outer panel rear spar outboard 12 inch tip extension attaching LH upper	1	A,*1
	187-14546-4	. . FITTING, Wing outer panel rear spar outboard 12 inch tip extension attaching RH upper	1	A,*1
-11	187-14546-5	. . FITTING, Wing outer panel rear spar outboard 12 inch tip extension attaching LH lower	1	A,*1
	187-14546-6	. . FITTING, Wing outer panel rear spar outboard 12 inch tip extension attaching RH lower	1	A,*1
	187-51064-3	. . FITTING ASSEMBLY, Airspeed boom aft attaching (used on RH only)	1	A,*1
-12	187-51087-11	. . . BRACKET ASSY, Airspeed boom aft attaching	1	A,*1
-13	RL28SB8	. . . . RING, (Rosan)	1	A,*1
	RD206SH6.5L	. . . . INSERT, (Rosan)	1	A,*1
-14	AN393-33	. . . PIN	1	A,*1
-15	AN960D10L	. . . WASHER	1	A,*1
-16	NAS428-4-11	. . . BOLT, Adjusting crowned hex head	1	A,*1
-17	AN960D416	. . . WASHER	1	A,*1
-18	NAS43DD4-22	. . . SPACER, Screw and bolt	1	A,*1
-19	AN316-4	. . . NUT	1	A,*1
-20	187-51088-5	. . . CLAMP, Airspeed boom forward and aft	1	A,*1
-21	227-14606-1	. LEADING EDGE ASSY, Wing outer panel 12 inch extension LH	1	A,*1
	227-14606-2	. LEADING EDGE ASSY, Wing outer panel 12 inch extension RH	1	A,*1
-22	191-14548-15	. . JOINT, Wing outer panel leading edge outboard upper LH	1	A,*1
	191-14548-16	. . JOINT, Wing outer panel leading edge outboard upper RH	1	A,*1
	191-14549-15	. . JOINT, Wing outer panel leading edge outboard lower LH	1	A,*1
	191-14549-16	. . JOINT, Wing outer panel leading edge outboard lower RH	1	A,*1
	187-51064	. . FITTING ASSY, Airspeed boom forward attaching (right hand only)	1	A,*1
-23	187-51087	. . . BRACKET ASSY, Airspeed boom forward attaching	1	A,*1
-24	RL28SB8	. . . . RING, (Rosan)	1	A,*1
	RD206SH6.5L	. . . . INSERT, (Rosan)	1	A,*1
-25	AN393-33	. . . PIN	1	A,*1
-26	AN960D10L	. . . WASHER	1	A,*1
-27	NAS428-4-11	. . . BOLT, Adjusting crowned hex head	1	A,*1
-28	AN960D416	. . . WASHER	1	A,*1
-29	NAS43DD4-22	. . . SPACER, Screw and bolt	1	A,*1
-30	AN316-4	. . . NUT	1	A,*1
-31	187-51088-5	. . . CLAMP, Airspeed boom forward and aft	1	A,*1
-32	187-14521	. . COVER, Wing tip pitot tube forward clamp access	1	A,*1
-33	227-14607-3	FITTING, Wing outer panel rear spar inboard 12 inch tip extension attaching (see figure 24)	Ref	A,*1

*1 Also used on airplanes 51-13170 thru 53-1227 modified in accordance with T. O. 1F-86F-516

USEABLE ON CODE: A 55-3816 and subs

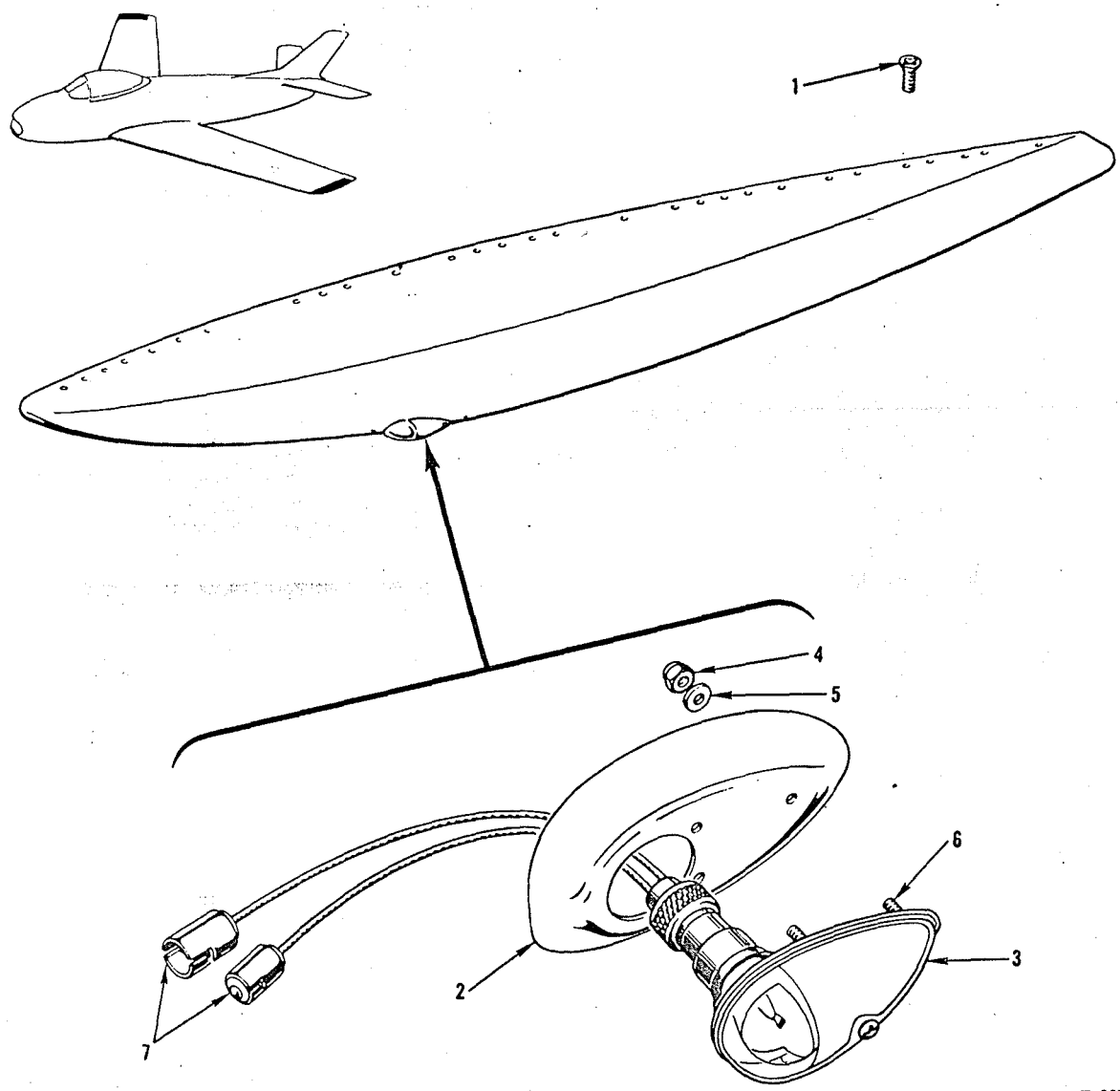


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FIGURE 21 - WING OUTER PANEL EXTENDED LEADING EDGE WING TIP ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
21	187-14480-1		TIP ASSY, WOP extended LE wing LH (see fig. 7 for next assy) . .	Ref	A *1
	187-14480-2		TIP ASSY, WOP extended LE wing RH (see fig. 7 for next assy) .	Ref	A *1
	ATTACHING PARTS				
-1	7S13CN1032-10A	.	SCREW, 100° flush head (North American)	72	A *1
	---*---				
-2	187-14500-1	.	MOUNT, Wing tip external light	1	A *1
	187-14500-2	.	MOUNT, Wing tip external light	1	A *1
-3	AN3033-7	.	LIGHT ASSEMBLY, Wing position wing tip (on LH tip) . . . . . (AERNO 42-4300)	1	A *1
	AN3033-8	.	LIGHT ASSEMBLY, Wing position wing tip (on RH tip) . . . . . (AERNO 42-4200)	1	A *1
-4	AN365B632	.	NUT	3	A *1
-5	AN961-6	.	WASHER	3	A *1
-6	AN507B632R8	.	SCREW	3	A *1
-7	181-54217-1	.	CONNECTOR ASSEMBLY, Electric line (male portion)	1	A *1
	181-54217-3	.	CONNECTOR ASSEMBLY, Electric line (female portion)	1	A *1

*1 Also used on airplanes 51-13170 thru 53-1227 modified per T. O. 1F-86F-516
USEABLE ON CODE: A 55-3816 and subs

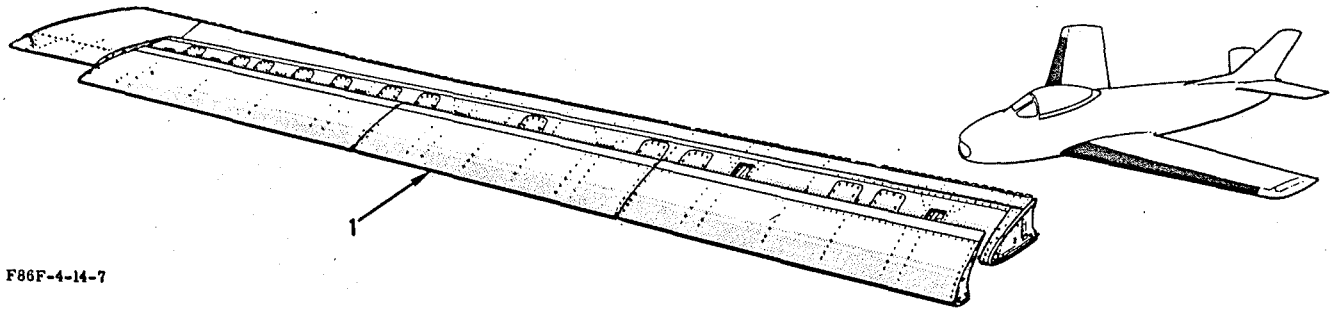


FIGURE 22 - WING EXTENDED LEADING EDGE SPARE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
22-1	227-140909-1	LEADING EDGE, WING EXTENDED LH SPARE	1	A
	227-140909-2	LEADING EDGE, WING EXTENDED RH SPARE	1	A
	227-14009-1	. LEADING EDGE ASSY, WING 6-3 EXTENDED WITH SLATS LH (SEE FIG. 19)	1	A
	227-14009-2	. LEADING EDGE ASSY, WING 6-3 EXTENDED WITH SLATS RH (SEE FIG. 19)	1	A
	193-48202-1	. FUEL & PRESSURE EQUIP. INSTL, DROP TANK WING LH (SEE FIG. 41)	1	A
	193-48202-2	. FUEL & PRESSURE EQUIP. INSTL, DROP TANK WING RH (SEE FIG. 41)	1	A
	176-68704	. BUNGEE ASSY,EMER JETTISON BP118 RETURN (SEE FIG. 64)	1	A
	176-68705-1	. BRACKET ASSY, EMER JETTISON BP118 TORQUE TUBE FWD LH (SEE FIG.67)	1	A
	176-68705-2	. BKT ASSY, EMER JETTISON BP 118 TORQUE TUBE FWD LH (SEE FIG. 67)	1	A
	176-68714-10	. BUNGEE ASSY, EMER JETTISON BP118 OVERRIDING (SEE FIG. 67)	1	A
	176-68720	. PIN, EMER JETTISON BP118 OVERRIDING BUNGEE (SEE FIG. 67)	1	A
	176-68721	. ROD ASSY, EMER JETTISON BP72 1/4 TIE (SEE FIG. 64)	1	A
	176-68724-1	. SUPPORT, EMER JETTISON OUTBD RETURN BUNGEE LH (SEE FIG. 64)	1	A
	176-68724-2	. SUPPORT, EMER JETTISON OUTBD RETURN BUNGEE RH (SEE FIG. 64)	1	A
	176-68739-3	. BELLCRANK ASSY, EMER JETTISON BP72 1/4 FWD COMPLETE LH (SEE FIGURE 64)	1	A
	176-68739-4	. BELLCRANK ASSY, EMER JETTISON BP72 1/4 FWD COMPLETE RH (SEE FIGURE 64)	1	A
	176-68745-11	. BELLCRANK ASSY, EMER JETTISON BP72 1/4 PLUNGER OPERATING COMPLETE LH (SEE FIGURE 64)	1	A
	176-68745-12	. BELLCRANK ASSY, EMER JETTISON BP72 1/4 PLUNGER OPERATING COMPLETE RH (SEE FIGURE 64)	1	A
	176-68754-11	. MECHANISM ASSY, EMER JETTISON PLUNGER LH (SEE FIG. 64)	1	A
	176-68754-12	. MECHANISM ASSY, EMER JETTISON PLUNGER RH (SEE FIG. 64)	1	A
	176-68754-13	. MECHANISM ASSY, EMER JETTISON PLUNGER LH (SEE FIG. 64)	1	A
	176-68754-14	. MECHANISM ASSY, EMER JETTISON PLUNGER RH (SEE FIG. 64)	1	A
	191-68761-1	. MECH ASSY, EMER JETT SYS BP67.706 ROCKET REL LH (SEE FIG. 64)	1	A
	191-68761-2	. MECH ASSY, EMER JETT SYS BP67.706 ROCKET REL RH (SEE FIG. 64)	1	A
	191-68770	. CABLE ASSY, EMER JETTISON SYS BP67.706 INBD LH (SEE FIG. 64)	1	A
	191-68771	. CABLE ASSY, EMER JETTISON SYS BP67.706 WING LE STA 76.166 TO WING LEADING EDGE STA 86-154 (SEE FIG. 64)	1	A
	191-68772	. CABLE ASSY, EMER JETTISON WING LE STA 121 TO STA 136 (SEE FIG. 64)	1	A
	176-68770	. CABLE ASSY, EMER JETTISON WING LE STA 90 1/2 TO WING LE STATION 105 (SEE FIGURE 64)	1	A
	176-68771	. CABLE ASSY, EMER JETTISON LE STA 105 TO LE STA 121 (SEE FIG.64)	1	A
	176-68772	. CABLE ASSY, EMER JETTISON WING LE STA 121 TO STA 136 (FIG. 64)	1	A
	176-68773	. CABLE ASSY, EMER JETTISON WING LE STA 136 TO STA 150 (FIG. 64)	1	A
	176-54136	. GUARD, ELECTRIC OUTER WING AUX FUEL TANK (SEE FIG. 94)	1	A
	176-54027-3	. SUPPORT, BP118 ELEC OUTER WING AUX FUEL TANK JACK (SEE FIG. 94)	1	A
	191-54115	. COVER ASSY, ELECTRICAL ROCKET RACK CONNECTOR (SEE FIG. 92))	1	A
	187-54163	. CORD ASSY, CANOPY PLUG DISCONNECT (SEE FIGURE 92)	1	A
	227-14561	. DOOR, WOP EXTENDED SLAT LE ACCESS (SEE FIGURE 10)	1	A
	191-14254-3	. DOOR, WOP 6-3 EXTENDED LE STA 122 FUEL LINE ACCESS (SEE FIG. 31)	1	A
	191-14244-11	. DOOR ASSY, WOP EXTENDED LE LINK ACCESS LH (SEE FIG. 23)	1	A
	191-14244-12	. DOOR ASSY, WOP EXTENDED LE LINK ACCESS RH (SEE FIG. 23)	1	A
	191-14819-5	. DOOR, WOP LEADING EDGE ACCESS LE STA 80-781 LH (SEE FIG. 31)	1	A
	191-14819-6	. DOOR, WOP LEADING EDGE ACCESS LE STA 80-781 RH (SEE FIG. 31)	1	A
	227-17002-1	. SLAT ASSY, WING 6-3 EXTENDED LE INBD LH (SEE FIG. 10)	1	A
	227-17002-2	. SLAT ASSY, WING 6-3 EXTENDED LE INBD RH (SEE FIG. 10)	1	A
	227-17003-1	. SLAT ASSY, INBOARD CENTER LH (SEE FIGURE 10)	1	A
	227-17003-2	. SLAT ASSY, INBOARD CENTER RH (SEE FIGURE 10)	1	A
	227-17004-1	. SLAT ASSY, WING LEADING EDGE OUTBD CENTER LH (SEE FIG. 10)	1	A
	227-17004-2	. SLAT ASSY, WING LEADING EDGE OUTBD CENTER RH (SEE FIG. 10)	1	A
	227-17005-1	. SLAT ASSY, WING EXTENDED LE OUTBD LH (SEE FIG. 10)	1	A
	227-17005-2	. SLAT ASSY, WING EXTENDED LE OUTBD RH (SEE FIG. 10)	1	A
	2P7-13-32 11/16	. PIN ASSY, HINGE (NORTH AMERICAN) (SEE FIGURE 14)	4	A
	2P7-13-37 17/32	. PIN ASSY, HINGE (NORTH AMERICAN) (SEE FIGURE 14)	1	A
	2P7-13-38 1/32	. PIN ASSY, HINGE (NORTH AMERICAN) (SEE FIGURE 14)	1	A
	2P7-13-43 3/16	. PIN ASSY, HINGE (NORTH AMERICAN) (SEE FIGURE 14)	4	A
	2P7-13-28 17/32	. PIN ASSY, HINGE (NORTH AMERICAN) (SEE FIGURE 14)	1	A
	2P7-13-28 1/32	. PIN ASSY, HINGE (NORTH AMERICAN) (SEE FIGURE 14)	1	A
	AN3436-2-7	. TERMINAL BLOCK ASSY, (GYROSYN COMPASS & WING TIP LIGHT)(RH ONLY) (SEE FIGURE 92)	1	A
	AN3436-4-2	. TERMINAL BLOCK ASSY, (WING DISCONNECT) (SEE FIG. 92)	1	A
	172-54066	. CLIP ASSY, ELECTRICAL WING TIP LIGHT (SEE FIGURE 92)	1	A
	176-54120	. SUPPORT, BP99 1/2 ELEC OUTER WING AUX FUEL TANK JACK	1	A
	USEABLE ON CODE:	A 55-3816 and subs & airplanes 51-13170 thru 53-1227 modified per T. O. 1F-86F-516		

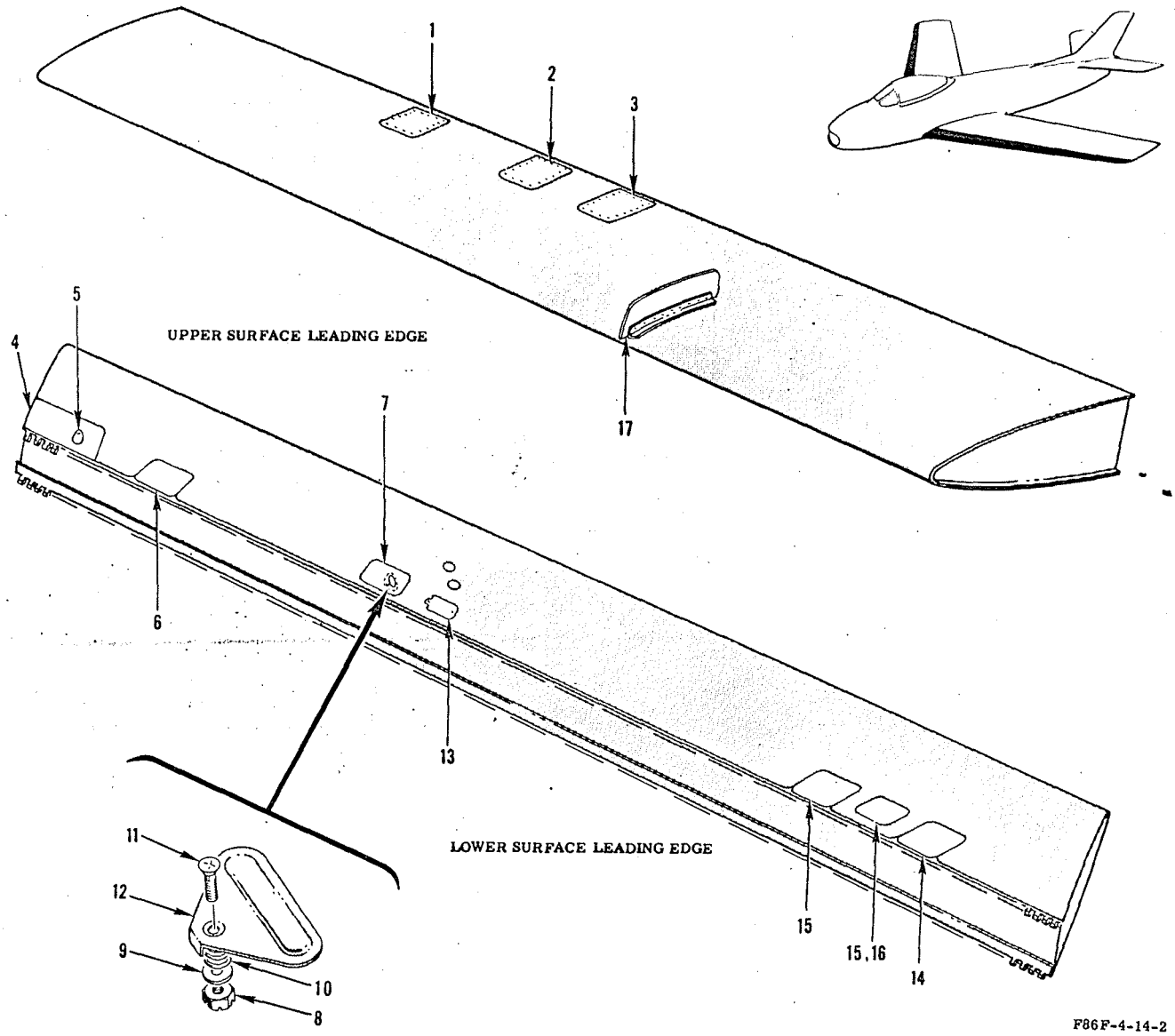


FIGURE 23 - WING EXTENDED LEADING EDGE INSTALLATION (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
23		WING EXTENDED LEADING EDGE INSTALLATION (MODIFICATION)		
	172-14711-1	. LEADING EDGE ASSY, Wing outer panel extended 6-3 LH . . . . . (see figure 27 for additional breakdown)	1	*1,*2
	172-14109-1	. LEADING EDGE ASSY, Wing outer panel 6-3 extended complete LH	1	*1,*2
	191-14109-1	. EXTENDED LEADING EDGE ASSY, 6-3 wing outer panel complete LH	1	*2
	172-14711-2	. LEADING EDGE ASSY, Wing outer panel extended 6-3 RH . . . . . (see figure 27 for additional breakdown)	1	*1,*2
	172-14109-2	. LEADING EDGE ASSY, Wing outer panel 6-3 extended complete RH	1	*1,*2
	191-14109-2	. EXTENDED LEADING EDGE ASSY, 6-3 wing outer panel complete RH	1	*2
	172-54301-1	. . ELECTRICAL EQUIPMENT INSTALLATION, Extended wing leading edge LH (see fig. 90 and 92 for breakdown)	NP	*3
	172-54301-2	. . ELECTRICAL EQUIPMENT INSTALLATION, Extended wing leading edge RH (see fig. 90 and 92 for breakdown)	NP	*4
	172-54192-1	. . WIRING INSTALLATION, Electrical extended wing leading edge BP99 1/2 tank station LH (see figs. 71 & 92)	NP	*5
	191-54192-1	. . WIRING INSTL, Elec extended wing LE BP72 1/2 & BP118 tank station LH (see figures 90 and 92)	NP	*7
	172-54192-2	. . WIRING INSTALLATION, Electrical Extended wing leading edge BP99 1/2 tank station RH (see figs. 90 and 92)	NP	*6
	191-54192-2	. . WIRING INSTALLATION, Electrical extended wing leading edge BP99 1/2 tank station RH (see figs. 90 and 92)	NP	*8
	170-48202-1	. . FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank . . . leading edge LH (see figure 55 for breakdown)	NP	*3
	170-48202-2	. . FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank . . leading edge RH (see figure 55 for breakdown)	NP	*4
	172-48402-1	. . FUEL AND PRESSURE EQUIPMENT INSTL, Extended wing LE . . . drop tank BP99 1/2 LH (see fig. 44 for breakdown)	NP	*5

WING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
23	193-48202-1		.	.					FUEL AND PRESSURE EQUIPMENT INSTL, Extended wing LE drop tank LH (see fig. 41 for breakdown)	NP	*7
	172-48402-2		.	.					FUEL AND PRESSURE EQUIPMENT INSTL, Extended wing LE drop tank BP99 1/2 RH (see fig. 44 for breakdown)	NP	*6
	193-48202-2		.	.					FUEL AND PRESSURE EQUIPMENT INSTL, Extended wing LE drop tank RH (see fig. 41 for breakdown)	NP	*8
	172-68701-1		.	.					EMERGENCY JETTISON MECHANICAL INSTL, Wing outer LH (see figures 61 and 63 for breakdown)	NP	*5
	191-68702-1		.	.					EMERGENCY JETTISON MECHANISM INSTL, Wing outer LH (see figures 62 and 67 for breakdown)	NP	*7
	172-68701-2		.	.					EMERGENCY JETTISON MECHANICAL INSTL, Wing outer RH (see figures 61 and 63 for breakdown)	NP	*6
	191-68702-2		.	.					EMERGENCY JETTISON MECHANISM INSTL, Wing outer RH (see figures 62 and 64 for breakdown)	NP	*8
	172-14240-1		.	.					LEADING EDGE ASSY, Wing outer panel extended (6-3) LH (see figure 27 for breakdown)	1	*5
	191-14240-1		.	.					LEADING EDGE ASSY, Wing outer panel extended 6-3 LH (see figure 27 for breakdown)	1	*7
	172-14240-2		.	.					LEADING EDGE ASSY, Wing outer panel extended (6-3) RH (see figure 27 for breakdown)	1	*6
	191-14240-2		.	.					LEADING EDGE ASSY, Wing outer panel extended 6-3 RH (see figure 17 for breakdown)	1	*8
-1	172-14711-113		.	.					DOOR, Extended leading edge fuel line access	1	*3*4
	172-14110		.	.					DOOR, Wing outer panel 6-3 extended leading edge station 122 fuel line access	1	*5*6
	AN509-10R10		.	.					SCREW	16	*3*4
	AN509-10R9		.	.					SCREW	14	*5*6*7*8
-2	191-14251		.	.					DOOR, Wing outer panel 6-3 extended leading edge station 132.696 surface control access	1	*5*6*7*8
	AN509-10R9		.	.					SCREW	16	*5*6*7*8
-3	191-14248		.	.					DOOR, 6-3 extended LE surface controls access	1	*5*6*7*8
	AN509-10R9		.	.					SCREW	16	*5*6*7*8
-4	172-14711-81		.	.					DOOR, Extended leading edge fuel line access LH	1	*3
	172-14711-82		.	.					DOOR, Extended leading edge fuel line access RH	1	*4
	191-14244-1		.	.					DOOR ASSY, WOP 6-3 extended LE access LH	1	*5*7
	191-14244-11		.	.					DOOR ASSY, WOP 6-3 extended LE access LH	1	
	191-14244-2		.	.					DOOR ASSY, WOP 6-3 extended LE link access RH	1	*6*8
	191-14244-12		.	.					DOOR ASSY, WOP 6-3 extended LE link access RH	1	
-5	172-14711-75		.	.	.				DOOR, WOP 6-3 extended LE fuel press drain LH	1	*3
	172-14711-76		.	.	.				DOOR, WOP 6-3 extended LE fuel press drain RH	1	*4
	191-14245		.	.	.				DOOR ASSY, WOP 6-3 extended LE fuel press. drain access	1	*5*6*7*8
	AN509-10R10		.	.					SCREW	40	*3*4
	AN509-10R9		.	.					SCREW	37	*5*6*7*8
-6	191-14253-1		.	.					DOOR, WOP 6-3 extended LE fuel line access LH	1	*5*7
	191-14253-2		.	.					DOOR, WOP 6-3 extended LE fuel line access RH	1	*6*8
	AN509-10R9		.	.					SCREW	18	*5*6*7*8
-7	172-14711-65		.	.					DOOR, WOP fuel and air pressure line access	1	*5
	191-14256-1		.	.					DOOR ASSY, WOP 6-3 extended LE sta 104.523 fuel access LH	1	*5*7
	191-14256-2		.	.					DOOR ASSY, WOP 6-3 extended LE sta 104.523 fuel access RH	1	*6*8
-8	AN310-3		.	.	.				NUT	1	*6*8
-9	2W1AL13-16-64		.	.	.				WASHER, Plain (North American)	1	*6*8
-10	157-318101		.	.	.				SPRING, Cockpit canopy seal inflation plunger	1	*6*8
-11	7S13-1032-13		.	.	.				SCREW, 100° flush head corrosion resistant (North American)	1	*6*8
-12	170-14691-1		.	.	.				COVER, WOP LE elect jack access hole LH	1	*3
	170-14691-2		.	.	.				COVER, WOP LE elect jack access hole RH	1	*4
	191-14259-1		.	.	.				COVER ASSY, WOP 6-3 extended LE elect jack access hole LH	1	*5*7
	191-14259-2		.	.	.				COVER ASSY, WOP 6-3 extended LE elect jack access hole RH	1	*6*8
	AN509-10R10		.	.					SCREW	15	*3*4
	AN509-10R11		.	.					SCREW	17	*5*6*7*8
-13	172-14711-53		.	.					DOOR, WOP 6-3 extended LE electrical access	1	*3*4
	AN509-8R8		.	.					SCREW	2	*3*4
-14	172-14711-43		.	.					DOOR, WOP 6-3 extended LE hydraulic line access LH	1	*3
	191-14246		.	.					DOOR, WOP 6-3 extended LE hydraulic lines access LH	1	*5*7
-15	172-14711-43		.	.					DOOR, WOP 6-3 extended LE hydraulic line access RH	3	*4
	191-14246		.	.					DOOR, WOP 6-3 extended LE hydraulic lines access RH	3	*6*8
-16	172-14711-65		.	.					DOOR, WOP 6-3 extended LE hydraulic lines access LH	1	*3
	191-14247		.	.					DOOR, WOP 6-3 extended LE hydraulic lines access LH	1	*5*7
	AN509-10R10		.	.					SCREW, (used on 172-14711-43 LH)	16	*3
	AN509-10R10		.	.					SCREW, (used on 172-14711-43 RH)	48	*4
	AN509-10R9		.	.					SCREW, (used on 191-14246 and 191-14247 LH)	31	*5*7
	AN509-10R9		.	.					SCREW, (used on 191-14246 RH)	48	*6*8
-17	See figure 17 for fence assembly										

*1 Use 172-14711-1 LH and 172-14711-2 RH together with 172-48813 line assy until exh, when exh use 172-14109-1 LH and 172-14109-2 RH together with 172-48818 line assy.
*2 Used on aircraft reworked in accordance with T. O. 1F-86-109.
*3 Used on 172-14711-1 only.
*4 Used on 172-14711-2 only.
*5 Used on 172-14109-1 only.
*6 Used on 172-14109-2 only.
*7 Used on 191-14109-1 only.
*8 Used on 191-14109-2 only.

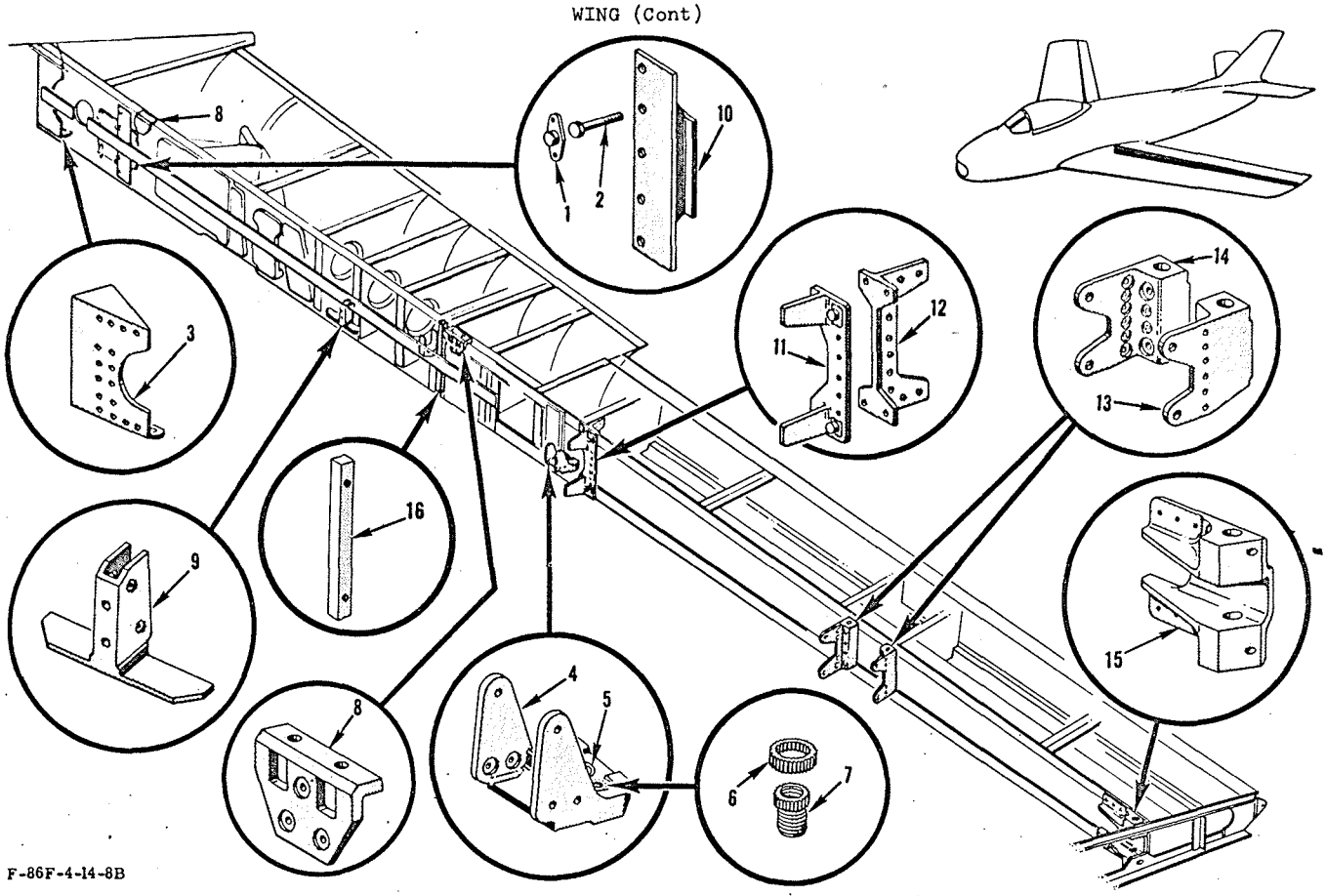


FIGURE 24 - WING OUTER PANEL REAR SPAR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
24		WING OUTER PANEL REAR SPAR ASSEMBLY		
	191-14005-1	. SPAR ASSY, WOP rear LH (see figure 16 for next assy)	Ref	A
	191-14005-11	. SPAR ASSY, WOP rear LH (see figure 16 for next assy)	Ref	B
	191-14005-21	. SPAR ASSY, WOP rear LH (see figure 16 for next assy)	Ref	C
	191-14005-2	. SPAR ASSY, WOP rear RH (see figure 16 for next assy)	Ref	A,B
	191-14005-22	. SPAR ASSY, WOP rear RH (see figure 16 for next assy)	Ref	C
-1	6800-048	. . RETAINER, Nut (Nutt-Shel)	6	A,B,C
-2	AN4-11A	. . BOLT	4	A
	AN4-12A	. . BOLT	2	A,B,C
-3	172-14049-3	. . FITTING, WOP rear spar to fus attaching LH (use 152-15059-3 until exh).	1	A,B,C
	172-14049-13 *2			
	172-14049-4	. . FITTING, WOP rear spar to dus attaching RH (use 152-14049-4 until exh).	1	A,B,C
	172-14049-14 *2			
-4	152-14180-1	. . FITTING ASSY, WOP sta 166.129 rear rocket attaching LH	1	A,B,C
	152-14180-2	. . FITTING ASSY, WOP sta 166.129 rear rocket attaching RH	1	A,B,C
-5	140-14181	. . . BUSHING, WOP rocket rear support.	1	A,B,C
-6	RL21SB6	. . . RING, (Rosan)	2	A,B,C

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
-7	RL104SH5	. . . INSERT, (Rosan)	2	A,B,C
-8	140-14058	. . FITTING ASSY, Rear spar WOP hoisting	2	A,B,C
	42D10-048	. . . NUT, (Elastic)		
-9	151-14099-1	. . FITTING, Wing sta 126 jack point LH	1	A,B,C
	151-14099-2	. . FITTING, Wing sta 126 jack point RH	1	A,B,C
-10	151-14249-1	. . FITTING, WOP main gear retracting cylinder support LH	1	A,B,C
	151-14249-2	. . FITTING, WOP main gear retracting cylinder support RH	1	A,B,C
-11	165-14056-1	. . TEE ASSY, Sta 170 WOP rear spar rib attaching LH	1	A,B,C
	165-14056-2	. . TEE ASSY, Sta 170 WOP rear spar rib attaching RH	1	A,B,C
	K14	. . . PLATE, (Kaynar)	4	A,B,C
	S20	. . . SPRING, (Kaynar).	4	A,B,C
-12	165-16111	. . FITTING, Ail. inbd hinge rear spar attaching	1	A,B,C
-13	165-14490-1	. . FITTING ASSY, WOP sta 224 rib to rear spar attaching LH.	1	A,B,C
	165-14490-2	. . FITTING ASSY, WOP sta 224 rib to rear spar attaching RH	1	A,B,C
-14	165-14491-1	. . FITTING, WOP sta 215 rib to rear spar attaching LH	1	A,B,C
	165-14491-2	. . FITTING, WOP sta 215 rib to rear spar attaching RH	1	A,B,C
-15	227-14607-3	. . FITTING, WOP rear spar inbd 12 in. tip extension attach LH	1	C
	227-14607-4	. . FITTING, WOP rear spar inbd 12 in. tip extension attach RH	1	C
	227-14607-5	. . FITTING, WOP rear spar inbd 12 in. tip extension attach LH	1	*1
	227-14607-6	. . FITTING, WOP rear spar inbd 12 in. tip extension attach RH	1	*1
-16	151-14678	. . SPACER, Wing trailing edge flap sta 75.989 and 76-614	1	A,B,C

*1 Used on airplanes 51-13170 thru 53-1227 modified per T.O. 1F-86F-516.

*2 For aircraft modified by T.O. 1F-86F-544

USEABLE ON CODE:
- A 51-13170 thru 51-13510, 52-4305 thru 52-5163, 52-5272 thru 52-5530
- B 52-5165 thru 52-5271, 53-1072 thru 53-1228
- C 55-3816 and subs

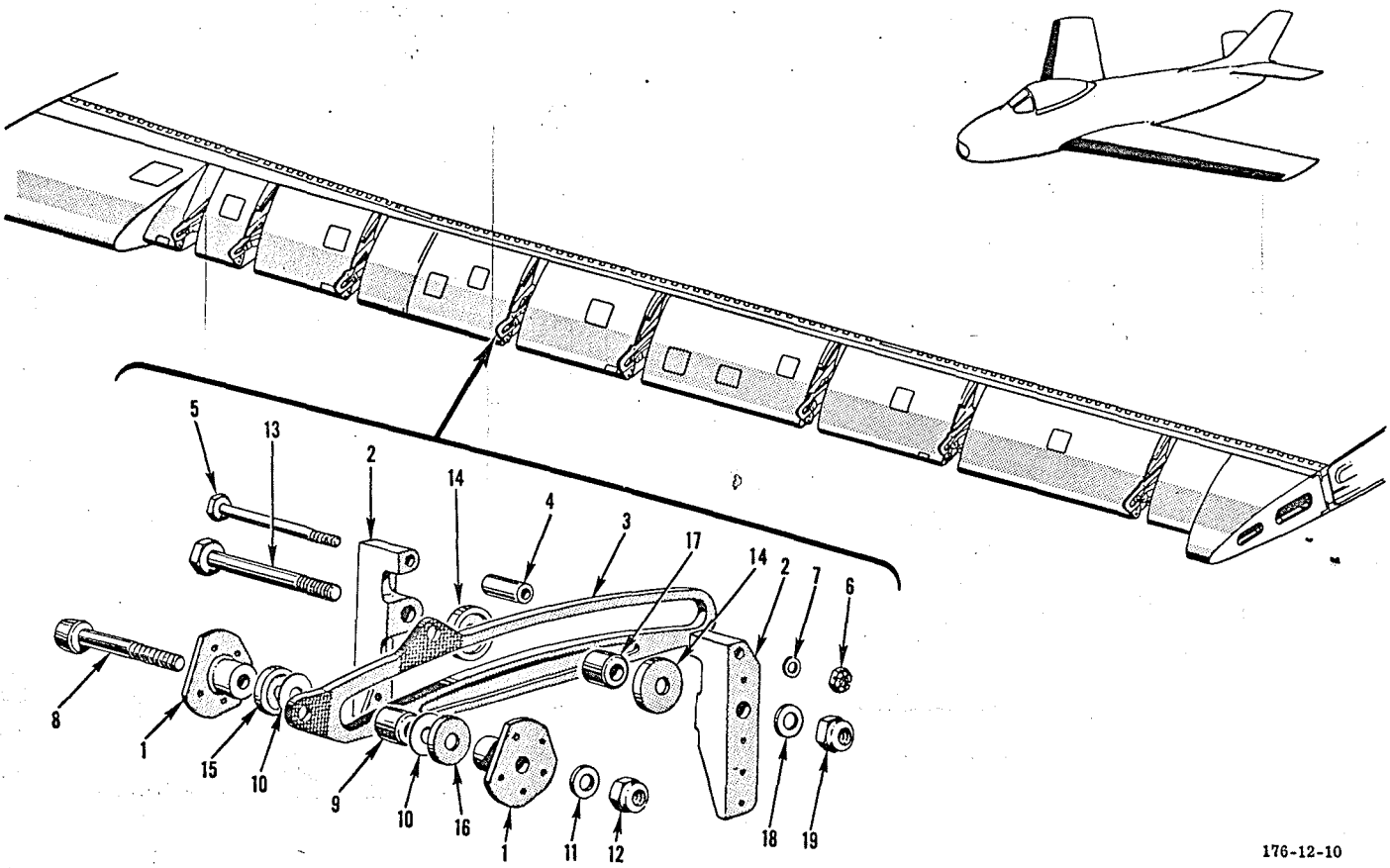


FIGURE 25 - WING LEADING EDGE SLAT TRACK EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
25	No Number	WING LEADING EDGE SLAT TRACK EQUIP.,(see fig. 28 for next assy)	NP	A,B,C
-1	151-17207-3	. BRACKET, Wing leading edge slat roller support forward	14	A,B,C
	151-17207-5	. BRACKET, Wing leading edge slat roller support forward (between station 238 and 240)	2	A,B,C
-2	151-17208-3	. BRACKET, Wing LE slat roller support aft LH and RH	8	A,B,C
	151-17208-4	. BRACKET, Wing LE slat roller support aft LH and RH	8	A,B,C
-3	151-17206-3	. TRACK, Wing LE slat positioning (8 req on RH wing)	7	A,B,C
	151-17206-5	. TRACK, Wing LE slat positioning LH (between sta 238 & 240)	1	A,B,C
-4	140-17210	. GUARD, Wing leading edge slat track	8	A,B,C
-5	AN3-30A	. BOLT, (7 req LH, 8 req RH)	7	A,B,C
	5B17C30	. BOLT, Corrosive resistant 10-32 (North American) (between station 238 and 240 LH)	1	A,B,C
-6	AN365-1032	. NUT, (7 req LH, 8 req RH)	7	A,B,C
	1N1C3	. NUT, Aircraft castle (North American) (between sta 238 & 240 LH)	1	A,B,C
-7	AN960D10	. WASHER	8	A,B,C
-8	NAS146-52	. BOLT, Internal wrenching steel	8	A,B,C
-9	6844	. BEARING, (Torrington) (interchangeable with Roller Bearing 74220, (YR69 McGill or Torrington 8898)	8	A,B,C
-10	2W1-24-36-95	. WASHER, Plain (North American)	14	A,B,C
-11	AN960-616	. WASHER	8	A,B,C
-12	AN365-624	. NUT	8	A,B,C
-13	AN6-32A	. BOLT, (8 req on RH)	7	A,B,C
	5B20C31A	. BOLT, Corrosive resistant 3/8-24 (North American) (station 238 to 240 LH only)	1	A,B,C
-14	140-17018-3	. SPACER, Wing leading edge slat track	16	A,B
	191-17018-3	. SPACER, Wing leading edge slat track	16	C
-15	140-17018-5	. SPACER, Wing leading edge slat track (inbd sta 60 only)	1	A,B
	191-17018-5	. SPACER, Wing leading edge slat track (inbd sta 60 only)	1	C
-16	140-17018-5	. SPACER, Wing leading edge slat track (outbd sta 239 only)	1	A,B
	191-17018-5	. SPACER, Wing leading edge slat track (outbd sta 239 only)	1	C
-17	6844	. BEARING, (Torrington) (interchangeable with 74220 Roller Bearing or YR69 McGill)	8	A,B,C
-18	AN960-616	. WASHER	8	A,B,C
-19	AN365-624	. NUT, (7 req LH, 8 req RH)	7	A,B,C
	AN393C31A	. NUT, (between station 239 to 240 LH only)	1	A,B,C

USEABLE ON CODE: A 51-2850 thru 51-2927 B 51-2928 thru 51-13169
C 51-13170 thru 51-13340 and 52-4305 thru 52-4504

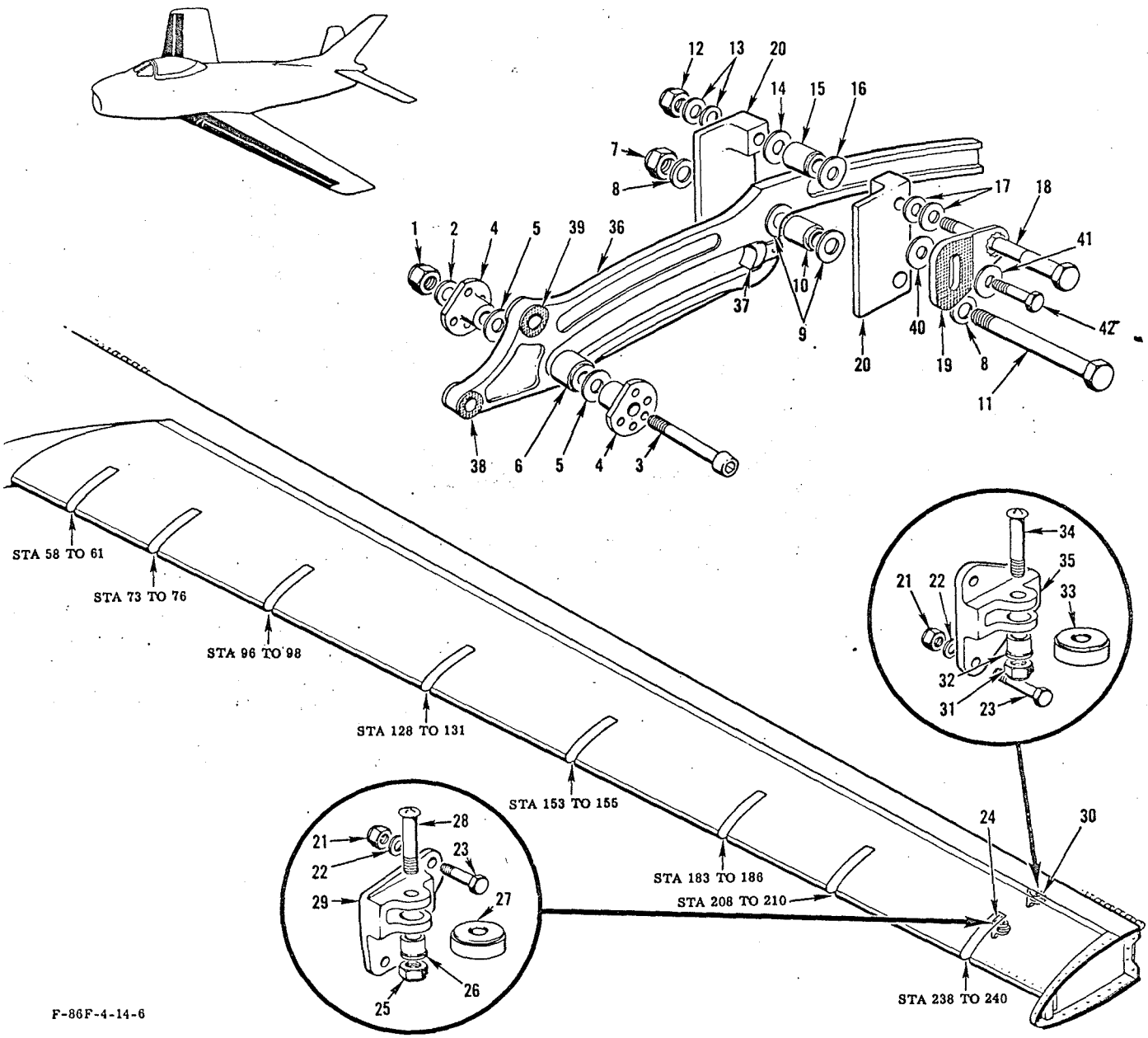


FIGURE 26 - WING LEADING EDGE SLAT TRACK EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
26	No Number	WING LEADING EDGE SLAT TRACK EQUIP., (see fig. 19 for next assy)	NP	A,*1
-1	AN365-624	. NUT	8	A,*1
-2	2W18-616	. WASHER, Flat (North American)	8	A,*1
-3	NAS146-52	. BOLT, Internal wrenching steel	8	A,*1
-4	151-17207-3	. BRACKET, Wing leading edge slat roller support forward	14	A,*1
	151-17207-5	. BRACKET, Wing leading edge slat roller support forward (used at LE sta 238.47 & 240.974 only)	2	A,*1
-5	2W2P25-36-95	. WASHER, Thrust (North American)	16	A,*1
-6	74220	. BEARING, (Roller Bearing Co)	8	A,*1
-7	AN365-624	. NUT	8	A,*1
-8	2W1AL25-24-91	. WASHER, Plain (North American) (LE sta 183.541)	2	A,*1
	2W18-616	. WASHER, Flat (North American) (LE sta 128.605, 183.541, 208.013 and 238.477)	4	A,*1
	2W18-616	. WASHER, Flat (North American) (LE sta 58.936, 73.669, 96.143 and 153.076)	8	A,*1

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
26-9	2W2SP25-40-95	WASHER, Thrust (North American)	16	A,*1
-10	74220	BEARING, (Roller Bearing Co)	8	A,*1
-11	AN6-32A	BOLT, (LE sta 58.936, 73.669, 96.143 and 153.076)	4	A,*1
	AN6-33A	BOLT, (LE sta 128.605, 183.541, 208.013 and 238.477)	4	A,*1
-12	AN365-428	NUT	8	A,*1
-13	2W18-416	WASHER, Flat (North American)	16	A,*1
	2W1AL17-24-91	WASHER, Flat (North American) (under nut sta 128.605, 153.076, 183.541 and 208.013)	4	A,*1
-14	2W2SP17-34-95	WASHER, Thrust (North American)	8	A,*1
-15	YR137CP-X	BEARING, (McGill)	8	A,*1
-16	2W2SP21-34-95	WASHER, Thrust (North American)	8	A,*1
-17	2W18-616M	WASHER, Flat (North American)	8	A,*1
	2W1AL25-24-91	WASHER, Flat (North American) (sta 131.102, 155.574, 186.038 and 210.510)	4	A,*1
-18	202-17068-3	BOLT, Wing leading edge slat roller adjustment (sta 61.433, 76.166 and 98.640)	3	A,*1
	202-17068-5	BOLT, Wing leading edge slat roller adjustment (sta 128.605, 153.076, 183.541 and 208.013)	5	A,*1
-19	227-14827	LOCK, WOP leading edge 6-3 with slats track roller adjusting bolt	8	A,*1
-20	227-14840-3	FITTING, WOP LE 6-3 slats aft roller support LH (sta 153.076, 183.541, 208.013 and 238.477)	4	A,*1
	227-14840-4	FITTING, WOP LE 6-3 slats aft roller support RH (sta 153.076, 183.541, 208.013 and 238.477)	4	A,*1
	227-14840-5	FITTING, WOP LE 6-3 slats aft roller support LH (sta 155.573, 186.038, 210.510 and 240.974)	4	A,*1
	227-14840-6	FITTING, WOP LE 6-3 slats aft roller support RH (sta 155.573, 186.038, 210.510 and 240.974)	4	A,*1
	227-14840-7	FITTING, WOP LE 6-3 slats aft roller support LH (sta 58.936 and 73.669)	2	A,*1
	227-14840-8	FITTING, WOP LE 6-3 slats aft roller support RH (sta 58.936 and 73.669)	2	A,*1
	227-14840-9	FITTING, WOP LE 6-3 slats aft roller support LH (sta 61.433 and 76.166)	2	A,*1
	227-14840-10	FITTING, WOP LE 6-3 slats aft roller support RH (sta 61.433 and 76.166)	2	A,*1
	227-14840-11	FITTING, WOP LE 6-3 slats aft roller support LH (sta 96.143 and 128.605)	2	A,*1
	227-14840-12	FITTING, WOP LE 6-3 slats aft roller support RH (sta 96.143 and 128.605)	2	A,*1
	227-14840-13	FITTING, WOP LE 6-3 slats aft roller support LH (sta 98.640 and 131.102	2	A,*1
	227-14840-14	FITTING, WOP LE 6-3 slats aft roller support RH (sta 98.640 and 131.102	2	A,*1
-21	AN365-1032	NUT	16	A,*1
-22	2W18-10	WASHER, Flat (North American)	16	A,*1
-23	AN3-6A	BOLT	16	A,*1
-24	227-14532-2	FITTING ASSY, Wing LE slat track fwd side load roller RH	8	A,*1
	227-14532-1	FITTING ASSY, Wing LE slat track fwd side load roller LH	8	A,*1
-25	AN365-1032	. NUT	1	A,*1
-26	4B20S3-009	. BUSHING, Press-fit flanged (North American)	1	A,*1
-27	3NBF512YJ	. BEARING, (Torrington)	1	A,*1
-28	NAS221-19	. SCREW, Brazier head Phillips recess alloy steel 8-32	1	A,*1
-29	227-14530-2	. FITTING, Wing leading edge slat track fwd side load roller RH	1	A,*1
	227-14530-1	. FITTING, Wing leading edge slat track fwd side load roller LH	1	A,*1
-30	227-14533-2	FITTING ASSY, Wing LE slat track aft side load roller RH	1	A,*1
	227-14533-1	FITTING ASSY, Wing LE slat track aft side load roller LH	1	A,*1
-31	AN365-1032	. NUT	1	A,*1
-32	4B20S3-009	. BUSHING, Press-fit flanged (North American)	1	A,*1
-33	3NBF512YJ	. BEARING, (Torrington)	1	A,*1
-34	NAS221-19	. SCREW, Brazier head Phillips recess alloy steel 8-32	1	A,*1
-35	227-14531-2	. FITTING, Wing leading edge slat track rear side load roller RH	1	A,*1
	227-14531-1	. FITTING, Wing LE slat track rear side load roller LH	1	A,*1
-36	202-17070	TRACK ASSY, WOP LE sta 60.184 slat positioning LH and RH	1	A,*1
	202-17071	TRACK ASSY, WOP LE sta 74.917 slat positioning LH and RH	1	A,*1
	202-17072	TRACK ASSY, WOP LE sta 97.391 slat positioning LH and RH	1	A,*1
	202-17073	TRACK ASSY, WOP LE sta 129.853 slat positioning LH and RH	1	A,*1
	202-17074	TRACK ASSY, WOP LE sta 154.324 slat positioning LH and RH	1	A,*1
	202-17075	TRACK ASSY, WOP LE sta 184.789 slat positioning LH and RH	1	A,*1
	227-17076	TRACK ASSY, WOP LE sta 209.260 slat positioning LH and RH	1	A,*1
	202-17077-11	TRACK ASSY, WOP LE sta 239.725 slat positioning LH.	1	A,*1
	202-17077	TRACK ASSY, WOP LE sta 239.725 slat positioning RH.	1	A,*1
-37	187-17032	. BUMPER ASSY, WOP LE slat track	1	A,*1
-38	180-17122-3	. BUSHING, WOP 15° slat track serrated attach.	2	A,*1
-39	180-17068-3	. BUSHING, LE slat track serrated attaching.	2	A,*1
-40	2W1AL13-32-32	WASHER, Plain (North American) (LE sta 61.433, 76.166, 98.640)	3	A,*1
	2W1AL13-32-125	WASHER, Plain (North American) (LE sta 131.102, 155.574, 186.038, 210.510 and 240.974)	5	A,*1
-41	2W1AL13-32-100	WASHER, Plain (North American).	8	A,*1
-42	AN3-6A	BOLT, (LE sta 61.433, 76.166 and 98.640).	3	A,*1
	AN3-7A	BOLT, (LE sta 131.102, 155.574, 186.038, 210.510 & 240.974)	5	A,*1

*1 Also used on airplanes 51-13170 thru 53-1227 that have been modified per T.O. 1F-86F-516

USEABLE ON CODE: A 55-3816 and subs

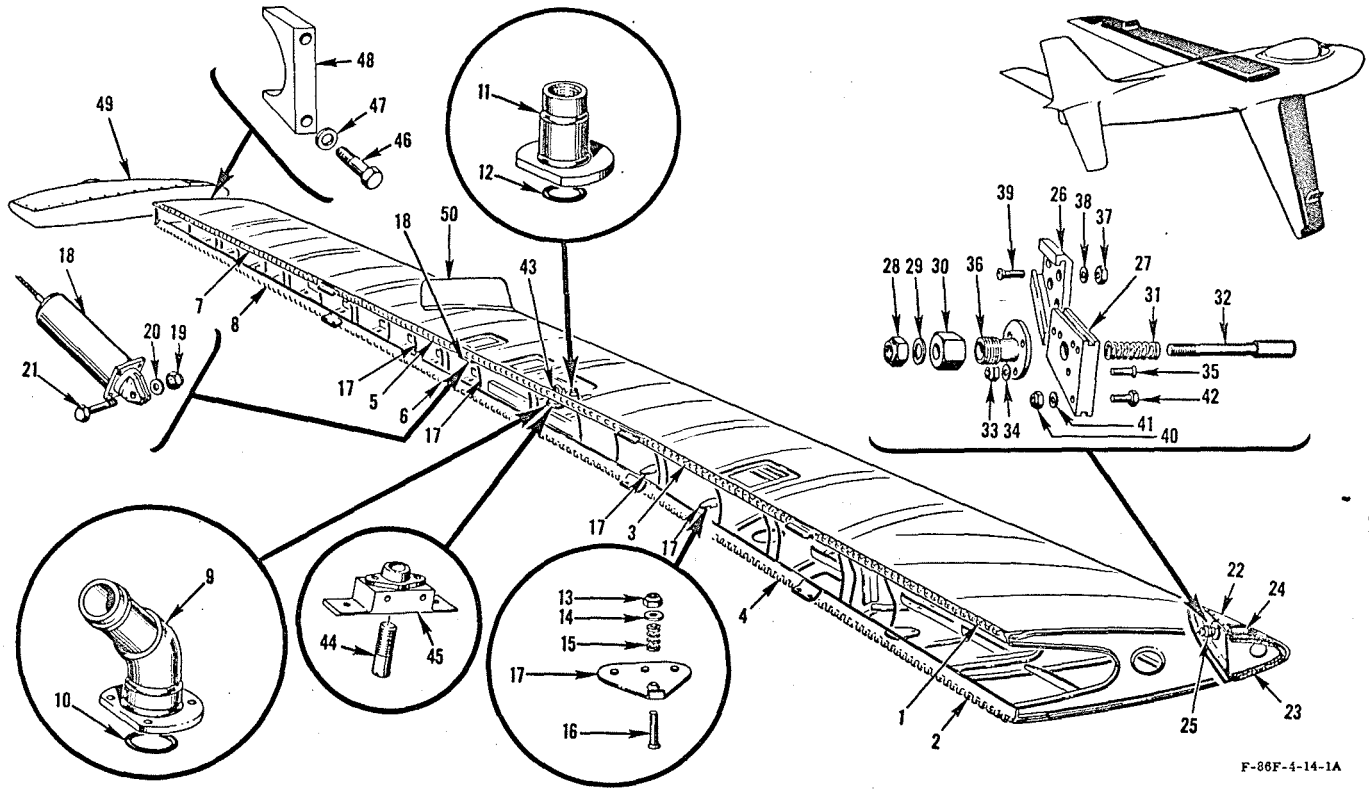


FIGURE 27 - WING OUTER PANEL EXTENDED 6-3 LEADING EDGE ASSEMBLY (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
27	172-14711-1		LEADING EDGE ASSY, WOP extended 6-3 LH (modification) . . . . . (see figure 23 for additional breakdown)	Ref	*1
	172-14711-2		LEADING EDGE ASSY, WOP extended 6-3 RH (modification) . . . . . (see figure 23 for additional breakdown)	Ref	*1
	172-14240-1		LEADING EDGE ASSY, WOP extended 6-3 LH (modification) . . . . . (see figure 23 for next assy)	Ref	*2
	172-14240-2		LEADING EDGE ASSY, WOP extended 6-3 RH (modification) . . . . . (see figure 23 for next assy)	Ref	*3
	191-14240-1	*11	LEADING EDGE ASSY, WOP 6-3 extended LH (see figure 23 for . . . next assy) (see fig. 17 for additional breakdown)	Ref	*9
	191-14240-2	*11	LEADING EDGE ASSY, WOP 6-3 extended RH (see figure 23 for . . . next assy) (see fig. 17 for additional breakdown)	Ref	*10
-1	140-14014-5		. JOINT, WOP leading edge front spar inbd upper LH	1	*1
	140-14014-6		. JOINT, WOP leading edge front spar inbd upper RH	1	*1
-2	151-14545-5		. JOINT, WOP leading edge front spar inbd lower LH	1	*5
	191-14545-5		. JOINT, WOP leading edge front spar inbd lower LH	1	*7
	151-14545-6		. JOINT, WOP leading edge front spar inbd lower RH	1	*6
	191-14545-6		. JOINT, WOP leading edge front spar inbd lower RH	1	*8
-3	151-14546-5		. JOINT, WOP leading edge front spar center upper LH	1	*1
	151-14546-6		. JOINT, WOP leading edge front spar center upper RH	1	*1
-4	151-14547-5		. JOINT, WOP leading edge front spar center lower LH	1	*5
	191-14547-5		. JOINT, WOP leading edge front spar center lower LH	1	*7
	151-14547-6		. JOINT, WOP leading edge front spar center lower RH	1	*6
	191-14547-6		. JOINT, WOP leading edge front spar center lower RH	1	*8
-5	151-14548-7		. JOINT, WOP leading edge front spar outbd upper LH	1	*5
	191-14548-5		. JOINT, WOP leading edge front spar outbd upper LH	1	*7
	151-14548-8		. JOINT, WOP leading edge front spar outbd upper RH	1	*6
	191-14548-6		. JOINT, WOP leading edge front spar outbd upper RH	1	*8
-6	151-14549-11		. JOINT, WOP leading edge front spar outbd lower LH	1	*5
	191-14549-5		. JOINT, WOP leading edge front spar outbd lower LH	1	*7
	151-14549-12		. JOINT, WOP leading edge front spar outbd lower RH	1	*6
	191-14549-6		. JOINT, WOP leading edge front spar outbd lower RH	1	*8
-7	151-14548-9		. JOINT, WOP leading edge front spar outbd upper LH	1	*5
	191-14548-7		. JOINT, WOP leading edge front spar outbd upper LH	1	*7
	151-14548-10		. JOINT, WOP leading edge front spar outbd upper RH	1	*6
	191-14548-8		. JOINT, WOP leading edge front spar outbd upper RH	1	*8

WING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
27-8	151-14549-13		.	JOINT, WOP leading edge front spar outbd lower LH	1	*5
	191-14549-7		.	JOINT, WOP leading edge front spar outbd lower LH	1	*7
	151-14549-14		.	JOINT, WOP leading edge front spar outbd lower RH	1	*6
	191-14549-8		.	JOINT, WOP leading edge front spar outbd lower RH	1	*8
-9	161-48369-1		.	FITTING, Drop tank fuel disconnect LH	1	*5
	161-48369-2		.	FITTING, Drop tank fuel disconnect RH	1	*6
-10	934-19		.	PACKING	1	*5,*6
-11	161-48370		.	FITTING, Drop tank fuel airline disconnect	1	*5,*6
-12	191-48015		.	SEAL, Drop fuel tank airplane disconnect	1	*5,*6
-13	AN310-3		.	NUT	3	*5,*7
-14	2W1AL13-16-64		.	WASHER, Plain (North American)	3	*5,*7
-15	157-318101		.	SPRING, Cockpit canopy seal inflation plunger	3	*5,*7
-16	7S13-1032-13		.	SCREW, 100° flush head corrosion resistant (North American)	3	*5,*7
-17	170-14691-1		.	COVER, WOP leading edge electrical jack access hole LH	3	*5
	191-14259-1		.	COVER ASSY, WOP 6-3 ext LE elec jack access hole LH	3	*7
	170-14691-2		.	COVER, WOP leading edge electrical jack access hole RH	3	*6
	191-14259-2		.	COVER ASSY, WOP 6-3 ext LE elec jack access hole RH	3	*8
-18	172-68740-1		.	BUNGEE ASSY, Emergency jettison cable return LH (refer to T. O. 16C1-1-114 for breakdown)	1	*5
	172-68740-2		.	BUNGEE ASSY, Emergency jettison cable return RH (refer to T. O. 16C1-1-114 for breakdown)	1	*6
	ATTACHING PARTS					
-19	AN310-3		.	NUT	1	*5*6
-20	AN960D10		.	WASHER	1	*5*6
-21	AN23-12		.	BOLT	1	*5*6
		---*---				
-22	172-14714-1		.	LEADING EDGE ASSY, WOP 6-3 extended inbd removable LH	1	*5
	172-14714-41	*4	.	LEADING EDGE ASSY, WOP 6-3 extended inbd removable LH	1	*7
	172-14714-2		.	LEADING EDGE ASSY, WOP 6-3 extended inbd removable RH	1	*6
	172-14714-42	*4	.	LEADING EDGE ASSY, WOP 6-3 extended inbd removable RH	1	*8
-23	172-14714-37		. .	SEAL, WOP 6-3 extended inbd removable LE sponge rubber (used on 172-14714-1 and 172-14714-2 only)	1	
	191-14236	*4	. .	SEAL, WOP 6-3 extended inbd removable LE assy	1	
-24	172-14738-1		. .	GUIDE ASSY, WOP extended 6-3 inbd removable LE LH (used on 172-14714-1 and 172-14714-2 only)	1	
	172-14738-2		. .	GUIDE ASSY, WOP extended 6-3 inbd removable LE RH (used on 172-14714-1 and 172-14714-2 only)	1	
	4002-5N	*4	. .	GROMMET, (Camloc)	1	
	4002-5	*4	. .	STUD, (Camloc) (attaches 172-14714-41 & -42 to wing)	1	
-25	172-14720		.	SLIDE ASSY, WOP 6-3 extended inbd removable leading edge	1	*5*6
-26	172-14716		. .	SLIDE, WOP 6-3 extended inbd removable leading edge fwd	1	*5*6
-27	172-14715		. .	SLIDE, WOP 6-3 extended inbd removable leading edge aft	1	*5*6
-28	AN365-428		. .	NUT	1	*5*6
-29	AN960D416		. .	WASHER	1	*5*6
-30	172-14719		. .	CAP, WOP 6-3 extended inbd removable LE spring retainer	1	*5*6
-31	146-523114		. .	SPRING, Aileron control locked torque	1	*5*6
-32	172-14718-10		. .	PIN, WOP 6-3 extended inbd leading edge	1	*5*6
-33	AN365-1032		. .	NUT	3	*5*6
-34	AN960D10		. .	WASHER	3	*5*6
-35	7S13-1032-20		. .	SCREW, 100° flush head corrosion resistant (North American)	3	*5*6
-36	172-14717		. .	HOUSING, WOP 6-3 extended inbd removable leading edge pin.	1	*5*6
-37	AN365-428		..	NUT	3	*5*6
-38	AN960-416		.	WASHER	3	*5*6
-39	AN509-416R15		.	SCREW	3	*5*6
-40	AN365-428		.	NUT	3	*5*6
-41	AN960D416		.	WASHER	3	*5*6
-42	AN4-11A		.	BOLT	3	*5*6
-43	191-14250-11		.	PIN ASSY, WOP BP118 200 gallon drop tank fairing	1	*7*8
-44	172-14229		. .	PIN, WOP BP99 1/2 200 gallon drop tank fairing	1	*7*8
-45	191-14249		. .	FITTING, WOP BP118 200 gallon drop tank fairing	1	*7*8
-46	5B17C5A		.	BOLT, 10-32 corrosion resistant (North American)	2	*6*8
-47	AN960C10		.	WASHER	2	*6*8
-48	165-51107-21		.	CLAMP ASSY, WOP airspeed boom fwd attaching (RH LE only)	1	*6*8
-49	172-14713-1		.	TIP ASSY, Wing extended leading edge LH (see figure 7)	1	*5,*7
	172-14713-2		.	TIP ASSY, Wing extended leading edge RH (see figure 7)	1	*6,*8
	172-14713-3		. .	SHELL, Wing extended 6-3 leading edge LH	1	*5,*7
	172-14713-4		. .	SHELL, Wing extended 6-2 leading edge RH	1	*6,*8
-50	172-14711-35		.	ANGLE, Extended leading edge LH half fence	1	*5
	172-14711-37		.	ANGLE, Extended leading edge LH half fence	1	*5
	172-14711-36		.	ANGLE, Extended leading edge RH half fence	1	*6
	172-14711-38		.	ANGLE, Extended leading edge RH half fence	1	*6
	191-14850-1		.	FENCE, WOP 6-3 extended leading edge BP145 LH	1	*7
	191-14850-2		.	FENCE, WOP 6-3 extended leading edge BP145 RH	1	*8

*1 Used on aircraft reworked in accordance with T. O. 1F-86-109 dated 19 June 1952
*2 Used on 172-14109-1 only (see figure 23) per T. O. 1F-86-109 dated later than 19 June 1952
*3 Used on 172-14109-2 only (see figure 23) per T. O. 1F-86-109 dated later than 19 June 1952
*4 Refer to T. O. 1F-86-204
*5 Used on 172-14711-1 only per T. O. 1F-86-109 dated 19 June 1952
*6 Used on 172-14711-2 only per T. O. 1F-86-109 dated 19 June 1952
*7 Used on 172-14240-1 and 191-14240-1 only per T. O. 1F-86-109 dated later than 19 June 1952
*8 Used on 172-14240-2 and 191-14240-2 only per T. O. 1F-86-109 dated later than 19 June 1952
*9 Used on 191-14109-1 only per T. O. 1F-86-109 dated later than 19 June 1952
*10 Used on 191-14109-2 only per T. O. 1F-86-109 dated later than 19 June 1952
*11 Parts marked thus are not used on airplanes modified per T. O. 1F-86F-516 If the inbd LE assemblies are identified as part number 172-14714-1 or -2 T. O. 1F-86-204 does not apply and no further rework is required

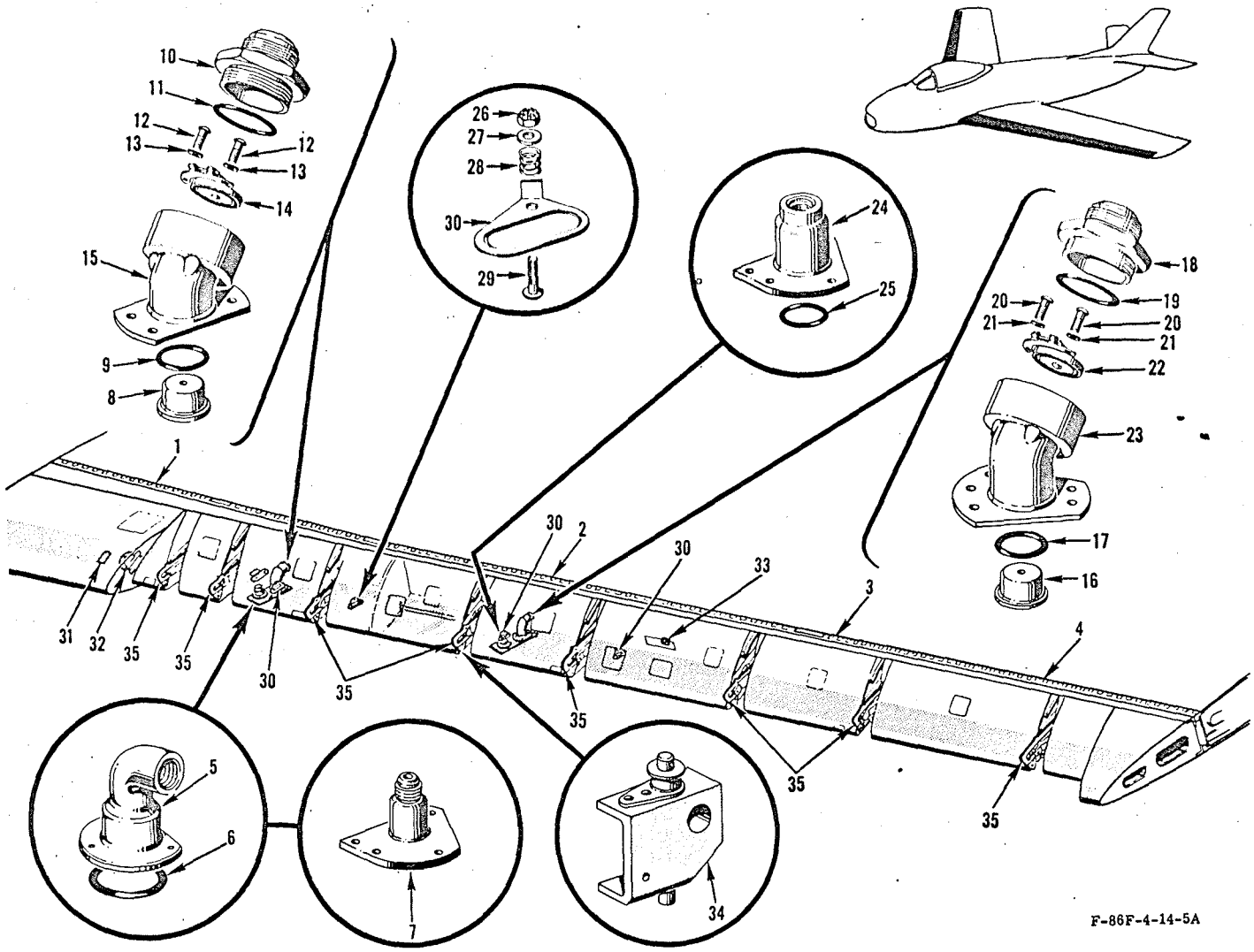


FIGURE 28 - WING OUTER PANEL LEADING EDGE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
28	170-14009-201	LEADING EDGE ASSY, Wing outer panel LH (see fig. 13 for next assy)	Ref	A
	170-14009-202	LEADING EDGE ASSY, Wing outer panel RH (see fig. 13 for next assy)	Ref	A
	170-14009-401	LEADING EDGE ASSY, Wing outer panel LH (see fig. 13 for next assy)	Ref	B
	170-14009-402	LEADING EDGE ASSY, Wing outer panel RH (see fig. 13 for next assy)	Ref	B
	191-14009-1	LEADING EDGE ASSY, Wing outer panel LH (see fig. 14 for next assy)	Ref	C
	191-14009-2	LEADING EDGE ASSY, Wing outer panel RH (see fig. 14 for next assy)	Ref	C
-1	140-14014-5	. JOINT, Wing outer panel LE front spar inbd upper LH	1	A,B
	140-14014-6	. JOINT, Wing outer panel LE front spar inbd upper RH	1	A,B
	151-14545-5	. JOINT, WOP leading edge front spar inboard lower LH	1	A,B
	191-14545-5	. JOINT, WOP leading edge front spar inboard lower LH	1	C
	151-14545-6	. JOINT, WOP leading edge front spar inboard lower RH	1	A,B
	191-14545-6	. JOINT, WOP leading edge front spar inboard lower RH	1	C
-2	151-14546-5	. JOINT, WOP leading edge front spar center upper LH	1	A,B
	151-14546-6	. JOINT, WOP leading edge front spar center upper RH	1	A,B
	151-14547-5	. JOINT, WOP leading edge front spar center lower LH	1	A,B
	191-14547-5	. JOINT, WOP leading edge front spar center lower LH	1	C
	151-14547-6	. JOINT, WOP leading edge front spar center lower RH	1	A,B
	191-14547-6	. JOINT, WOP leading edge front spar center lower RH	1	C
-3	151-14548-7	. JOINT, WOP leading edge front spar outboard upper LH	1	A,B
	191-14548-5	. JOINT, WOP leading edge front spar outboard upper LH	1	C
	151-14548-8	. JOINT, WOP leading edge front spar outboard upper RH	1	A,B
	191-14548-6	. JOINT, WOP leading edge front spar outboard upper RH	1	C
	151-14549-11	. JOINT, WOP leading edge front spar outboard lower LH	1	A,B
	191-14549-5	. JOINT, WOP leading edge front spar outboard lower LH	1	C
	151-14549-12	. JOINT, WOP leading edge front spar outboard lower RH	1	A,B
	191-14549-6	. JOINT, WOP leading edge front spar outboard lower RH	1	C

WING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
\28-4	151-14548-9	.	JOINT, WOP leading edge front spar outboard upper LH	1	A,B
	191-14548-7	.	JOINT, WOP leading edge front spar outboard upper LH	1	C
	151-14548-10	.	JOINT, WOP leading edge front spar outboard upper RH	1	A,B
	191-14548-8	.	JOINT, WOP leading edge front spar outboard upper RH	1	C
	151-14549-13	.	JOINT, WOP leading edge front spar outboard lower LH	1	A,B
	191-14549-7	.	JOINT, WOP leading edge front spar outboard lower LH	1	C
	151-14549-14	.	JOINT, WOP leading edge front spar outboard lower RH	1	A,B
	191-14549-8	.	JOINT, WOP leading edge front spar outboard lower RH	1	C
-5	172-48270	.	FITTING, Drop fuel tank air line disconnect	1	A
-6	191-48015	.	SEAL, Drop fuel tank air line disconnect	1	A
-7	176-48225-1	.	FITTING, Drop fuel tank air line BP72 1/4 disconnect LH	1	C
	176-48225-2	.	FITTING, Drop fuel tank air line BP72 1/4 disconnect RH	1	C
	176-48210	.	FITTING ASSY, Fuel drop tank BP72 1/4 disconnect and check valve (whn exh use 176-48210-10)	1	C
	176-48210-10	.	FITTING ASSY, Fuel drop tank BP72 1/4 disconnect and check valve (use 176-48210 untl exh)	1	C
-8	176-48223	. .	PLUG, Drop fuel tank fuel line BP72 1/4 disconnect fitting	1	C
-9	MS28513-214	. .	PACKING	1	C
-10	176-48205	. .	UNION, Drop tank fuel line and disconnect fitting	1	C
-11	MS29512-24	. .	GASKET	1	C
-12	AN515-6R7	. .	SCREW	2	C
-13	AN960D6L	. .	WASHER	2	C
-14	1111-518111	. .	VALVE OVERALL, Hinge adapter, swing check size 16 (Parker Aircraft) (whn exh use 1111-536313) (intrch wth Sweeney 6-1600)	1	C
	1111-536313	. .	SWING ASSY, Check valve (Parker Aircraft) (use 1111-518111 untl exh) (intrch wth Sweeney 5-7100)	1	C
-15	176-48209	. .	FITTING, Fuel drop tank BP72 1/4 disconnect & check valve	1	C
	RD103SB5L	. . .	INSERT, (Rosan)	1	C
	RL18SB6	. . .	RING, (Rosan)	1	C
	176-48206-1	.	FITTING ASSY, Drop tank BP118 fuel line disconnect and check valve LH (whn exh use 176-48206-11)	1	C
	176-48206-2	.	FITTING ASSY, Drop tank BP118 fuel line disconnect and check valve RH (whn exh use 176-48206-12)	1	C
	176-48206-11	.	FITTING ASSY, Drop tank BP118 fuel line disconnect and check valve LH (use 176-48206-1 untl exh)	1	C
	176-48206-12	.	FITTING ASSY, Drop tank BP118 fuel line disconnect and check valve RH (use 176-48206-2 untl exh)	1	C
-16	161-48273	. .	PLUG, Drop fuel tank fuel disconnect	1	C
-17	MS29513-214	. .	PACKING	1	C
-18	176-48205	. .	UNION, Drop tank fuel line and disconnect fitting	1	C
-19	MS29512-24	. .	GASKET	1	C
-20	AN515-6R7	. .	SCREW	2	C
-21	AN960D6L	. .	WASHER	2	C
-22	1111-518111	. .	VALVE OVERALL, Hinge adapter, swing check size 16 (Parker Aircraft) (whn exh use 1111-536313) (intrch wth Sweeney 6-1600)	1	C
	1111-536313	. .	SWING ASSY, Check valve (Parker Aircraft) (use 1111-518111 untl exh) (intrch wth Sweeney 5-7100)	1	C
-23	176-48204-1	. .	FITTING, Drop tank BP118 fuel line disc & check valve LH	1	C
	176-48204-2	. .	FITTING, Drop tank BP118 fuel line disc & check valve RH	1	C
	RD103SB5L	. . .	INSERT, (Rosan)	1	C
	RL18SB6	. . .	RING, (Rosan)	1	C
-24	176-48213-1	.	FITTING ASSY, Fuel drop tank air line disconnect BP118 LH	1	C
	176-48213-2	.	FITTING ASSY, Fuel drop tank air line disconnect BP118 RH	1	C
-25	191-48015 *1	.	SEAL, Fuel drop tank air line disconnect	1	C
-26	AN310-3	.	NUT	4	C
-27	2W1AL13-16-64	.	WASHER, Plain (North American)	4	C
-28	157-318101	.	SPRING, Cockpit canopy seal inflation plunger	4	C
-29	7S13-1032-13	.	SCREW, 100° flush head corrosion resistant (North American)	4	C
-30	170-14691-1	.	COVER, WOP leading edge electrical jack access hole LH	4	C
	170-14691-2	.	COVER, WOP leading edge electrical jack access hole RH	4	C
-31	8C3-3-040	.	DOOR, Switch protector (North American) (right side)	1	C
-32	170-68719	.	BRACKET ASSY, Emer jettison wing sta 53 11/16 (left side)	1	C
	170-68718	.	BRACKET ASSY, Emer jettison wing sta 53 11/16 (right side)	1	C
	AN210-2B	. .	PULLEY	1	C
	170-68717	.	BRACKET ASSY, Emer jettison wing station 44 1/16 LH	1	
	170-68716	.	BRACKET ASSY, Emer jettison wing station 39 3/4 RH	1	
	AN210-2B	. .	PULLEY	2	
-33	170-68741	.	SUPPORT ASSY, Emer bomb and tank jettison leading edge	1	C
	4B16CP9-12	. .	BEARING, Sintered oil impregnated (North American)	2	C
-34	191-14226-11	.	PIN ASSY, WOP BP118 200 gal drop tank fairing shear LH (use 191-14226-1 untl exh)	1	C
	191-14226-12	.	PIN ASSY, WOP BP118 200 gal drop tank fairing shear RH (use 191-14226-2 untl exh)	1	C
	191-14227	. .	PIN, WOP BP118 200 gal drop tank fairing shear	1	C
-35	No Number		WING LE SLAT EQUIPMENT, (see figure 25 for breakdown)	NP	

USEABLE ON CODE: A 51-2850 thru 51-2927
B 51-2928 thru 51-13169
C 51-13170 thru 51-13340, 52-4305 thru 52-4504

(For Airplanes coded AF51-13341 thru 51-13510, 52-4505 and subs, see figure 17)

*1 Refer to T. O. 1F-86-176.

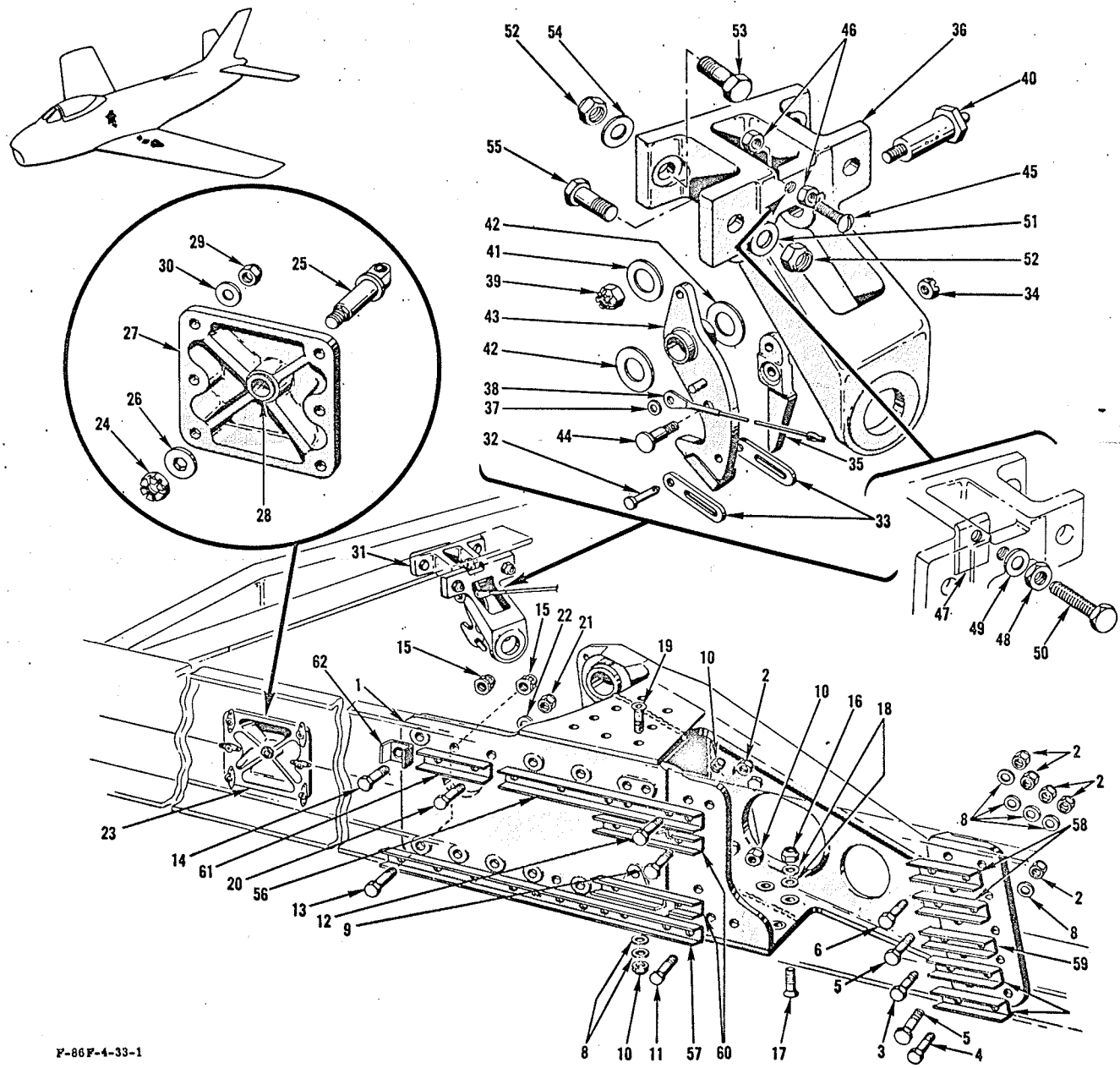


FIGURE 29 - MAIN LANDING GEAR FITTINGS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
29	140-33014-21	FITTINGS INSTL, MLG LH (see fig. 13 for next assy)	NP	A
	140-33014-22	FITTINGS INSTL, MLG RH (see fig. 13 for next assy)	NP	A
	140-33014-31	FITTINGS INSTL, MLG LH (see fig. 16 for next assy)	NP	B
	140-33014-32	FITTINGS INSTL, MLG RH (see fig. 16 for next assy)	NP	B
-1	151-33120-1	. FITTING ASSY, MLG trun sup complete LH (see figure 30) for breakdown) . . .	1	A
	151-33120-2	. FITTING ASSY, MLG trun sup complete RH (see figure 30) . . .	1	A
	151-33120-13	. FITTING ASSY, MLG trun sup complete LH (see figure 30) . . .	1	B
	151-33120-14	. FITTING ASSY, MLG trun sup complete RH (see figure 30) . . .	1	B
	ATTACHING PARTS			
-2	AN365-624	. NUT	2	
-3	165-33510	. BOLT, MLG trun sup fitting attaching high strength	2	
-4	140-33129-5	. BOLT, Main landing gear trunnion	2	
-5	140-33129-3	. BOLT, Main landing gear trunnion	4	
-6	140-33129-7	. BOLT, Main landing gear trunnion	2	

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
29-7	AN365-720	.	NUT	8	
-8	AN960-716	.	WASHER	24	
-9	AN6-11A	.	BOLT	4	
-10	AN365-720	.	NUT	31	
-11	AN7-15A	.	BOLT	10	
-12	AN7-15A	.	BOLT	5	
-13	140-33129-9	.	BOLT, Main landing gear trunnion	2	
-14	140-33129-13	.	BOLT, Main landing gear trunnion	2	
-15	EB070	.	NUT, (Elastic)	4	
-16	AN365-820	.	NUT	7	
-17	NAS338A14	.	BOLT, 100° close tolerance high strength 1/2-20	7	
-18	AN960-816	.	WASHER	14	
-19	NAS337A13	.	BOLT, 100° close tolerance high strength 7/16-20	8	
-20	AN6-14A	.	BOLT	2	
-21	AN365-624	.	NUT	2	
-22	AN960-616	.	WASHER	2	
-23	140-33502-10	.	FITTING ASSY, Main gear retract cyl complete (use 140-33502-21 whn exh)	1	*7
	140-33502-21	.	FITTING ASSY, Main gear retract cylinder complete	1	
-24	AN320-8	. .	NUT	1	
-25	140-33504	. .	PIN ASSY, Main landing gear retract cylinder	1	*3, *7
	165-33504	. .	PIN ASSY, Main landing gear retract cylinder	1	*4
-26	140-33515	. .	WASHER, Main landing gear retract cylinder pivot	1	
-27	140-33503-10	. .	FITTING ASSY, Main gear retract cylinder	1	*3, *7
	173-33503-7	. .	FITTING ASSY, Main gear retract cylinder	1	*4
-28	NAS77-11-50	. . .	BUSHING, Flanged press-fit steel	1	
	173-33504	. . .	BUSHING, Main gear retract cylinder	1	*5, *7
	173-33504-11	. . .	BUSHING, Main gear retract cylinder	1	*6
-29	AN365-428	.	NUT	8	
-30	AN960-416	.	WASHER	6	
-31	151-33511-1	.	SUPPORT ASSY, Main landing gear strut uplock LH (whn exh use 151-33511-11)	1	
	151-33511-2	.	SUPPORT ASSY, MLG strut uplock RH (whn exh use 151-33511-12).	1	
	151-33511-11	.	SUPPORT ASSY, MLG strut uplock LH (use 151-33511-1 untl exh).	1	
	151-33511-12	.	SUPPORT ASSY, MLG strut uplock RH (use 151-33511-2 untl exh).	1	
-32	151-33516	. .	PIN, LG strut uplock latch actuating link attachment	1	
-33	151-33514	. .	LINK, Main landing gear strut uplock latch actuating	2	
	AN960D8	. .	WASHER	1	
-34	AN320-3	. .	NUT	1	
-35	151-54380-1	. .	CAM ASSY, Main landing gear uplock sequence switch LH	1	
	151-54380-2	. .	CAM ASSY, Main landing gear uplock sequence switch RH	1	
	151-54380-7	. . .	BUSHING, Main landing gear uplock sequence switch	1	
-36	151-33512-1	. .	FITTING, Main landing gear uplock support LH	1	
	151-33512-2	. .	FITTING, Main landing gear uplock support RH	1	
-37	AN960-10	. .	WASHER	1	
-38	140-33633	. .	CABLE ASSY, LG emergency release to main gear uplock	1	
-39	AN310-4	. .	NUT	1	
-40	140-33510	. .	BOLT ASSY, Main landing gear uplock	1	
	NAS2-101	. . .	FITTING, Lubrication	1	
-41	2W1-16-24-64	. .	WASHER, Plain (North American)	1	
-42	AN960-816	. .	WASHER	3	
-43	165-33540-5	. .	LATCH ASSY, Main LG uplock LH (use 151-33513-1 untl exh)	1	
	165-33540-6	. .	LATCH ASSY, Main LG uplock RH (use 151-33513-2 untl exh)	1	
-44	165-33541	. . .	PIN, Main alighting gear attaching uplock	1	
-45	NAS428-3-7	. .	SCREW, Crowned hex head adjusting	1	*1
-46	AN345-10	. .	NUT	2	*1
-47	165-33512-1	. .	NUT, Main alighting gear strut uplock LH	1	*2
	165-33512-2	. .	NUT, Main alighting gear strut uplock RH	1	*2
-48	AN345-10	. .	NUT	1	*2
-49	AN960D10	. .	WASHER	1	*2
-50	NAS428H3-7	. .	BOLT, Adjusting crowned hex head	1	*2
-51	AN960-516	.	WASHER	1	
-52	AN365-524	.	NUT	4	
-53	AN5-6A	.	BOLT	3	
-54	AN960-516L	.	WASHER	3	
-55	AN5-7A	.	BOLT	1	
-56	151-33119	.	RETAINER, Main landing gear trunnion support upper bolt	1	
-57	151-33113	.	RETAINER, Main landing gear trunnion support lower bolt	1	
-58	151-33114	.	RETAINER, Main landing gear trunnion support tail sect. bolt.	4	
-59	151-33115	.	RETAINER, Main LG trun sup tail section center bolt	1	
-60	151-33116-1	.	RETAINER, Main LG trun sup center section bolt LH and RH	1	
	151-33116-2	.	RETAINER, Main LG trun sup center section bolt RH and LH	1	
-61	151-33117	.	RETAINER, Main LG trun sup upper center bolt	1	
-62	151-33118	.	RETAINER, Main landing gear trunnion support inboard bolt	1	

USEABLE ON CODE: A 51-2850 thru 51-13169
B 51-13170 and subs

*1 Used on 151-33511-1 and -2 only.
*2 Used on 151-33511-11 and -12 only.
*3 Used on 140-33502-10 only.
*4 Used on 140-33502-21 only.
*5 Used on 140-33503-10 only.
*6 Used on 173-33503-7 only.

*7 Parts marked thus are not to be used as replacements. When replacements are necessary use 140-33502-21.

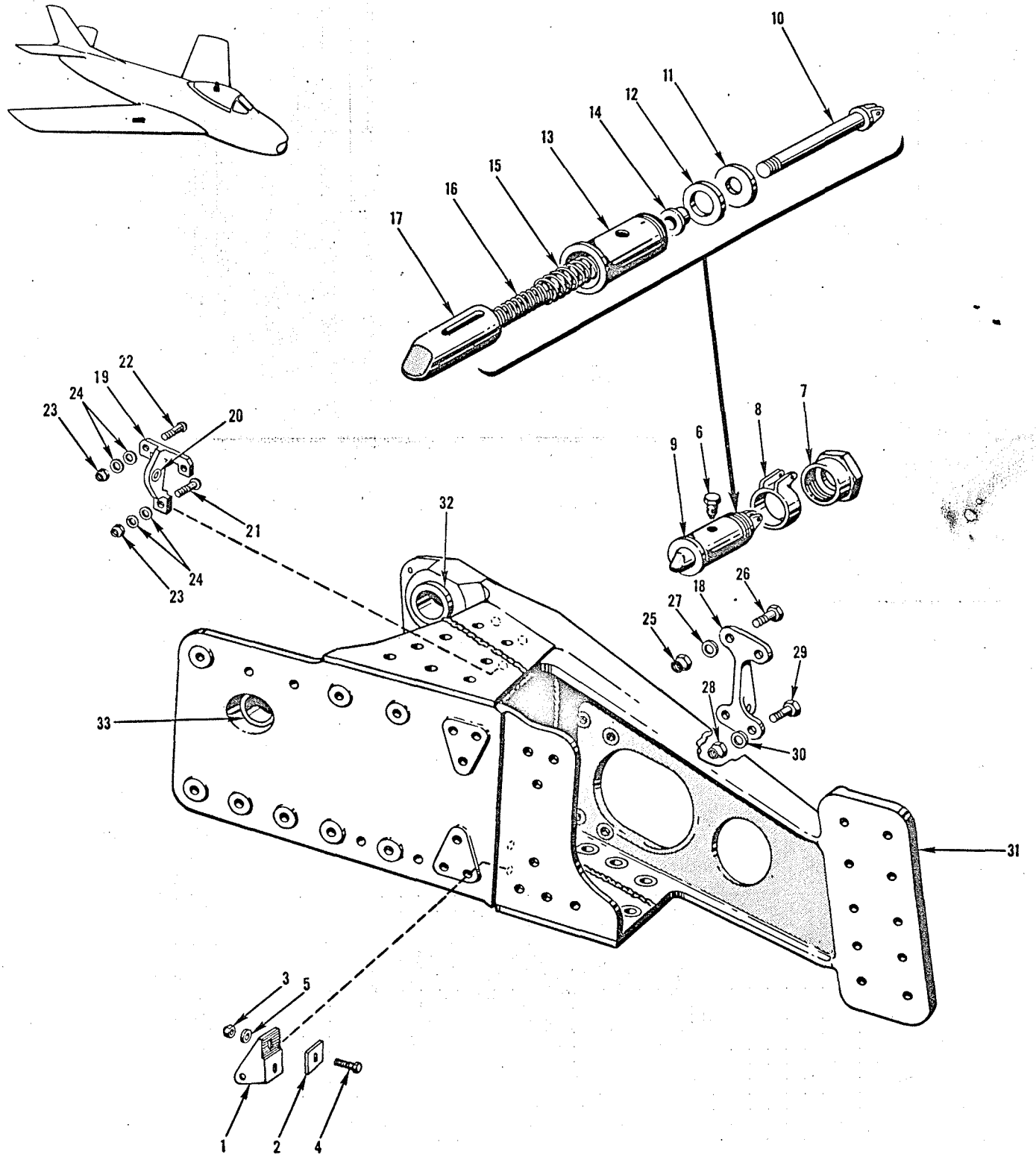


FIGURE 30 - COMPLETE MAIN LANDING GEAR TRUNNION SUPPORT FITTING ASSEMBLY

WING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
30	151-33120-1	FITTING ASSEMBLY, Main landing gear trunnion support complete LH (see figure 29 for next assembly)	Ref	A
	151-33120-2	FITTING ASSEMBLY, Main landing gear trunnion support complete RH (see figure 29 for next assembly)	Ref	A
	151-33120-13	FITTING ASSEMBLY, Main landing gear trunnion support complete LH (see figure 29 for next assembly)	Ref	B
	151-33120-14	FITTING ASSEMBLY, Main landing gear trunnion support complete RH (see figure 29 for next assembly)	Ref	B
-1	151-33354-3	. BRACKET, Main landing gear strut door hinge LH (use 151-33354-1 until exh)	1	
	151-33354-4	. BRACKET, Main landing gear strut door hinge RH (use 151-33354-2	1	
-2	151-33352	. SHIM, Main landing gear strut door hinge	2	
-3	AN365-428	. NUT	2	
-4	AN4-7A	. BOLT	1	
	AN4-10A	. BOLT	1	
-5	AN960-416	. WASHER	1	
-6	140-33153	. SCREW, Main landing gear downlock guide	1	
-7	140-33150	. NUT, Main landing gear downlock	1	
-8	140-33149	. SLEEVE ASSEMBLY, Main landing gear downlock	1	
-9	140-33141-1	. LOCK ASSEMBLY, Main landing gear down LH	1	
	140-33141-2	. LOCK ASSEMBLY, Main landing gear down RH	1	
-10	140-33145	. . SHAFT, Main landing gear downlock	1	
-11	2W2S32-56-65	. . WASHER, Thrust (North American)	1	
-12	140-33146	. . WASHER, Main landing gear downlock shock	1	
-13	140-33143-1	. . HOUSING ASSEMBLY, Main landing gear downlock LH	1	
	140-33143-2	. . HOUSING ASSEMBLY, Main landing gear downlock RH	1	
-14	151-33132	. . . BUSHING, Main alighting gear downlock housing	1	
-15	140-33154	. . SPRING, Main landing gear downlock outer	1	
-16	140-33155	. . SPRING, Main landing gear downlock inner	1	
-17	140-33142-1	. . PIN, Main landing gear trunnion downlock LH	1	
	140-33142-2	. . PIN, Main landing gear trunnion downlock RH	1	
-18	151-18045-1	. FITTING, Flap hinge station 33.437 rib to landing gear trunnion attaching LH	1	
	151-18045-2	. FITTING, Flap hinge station 33.437 rib to landing gear trunnion attaching RH	1	
-19	151-33130	. BRACKET ASSEMBLY, Main landing gear downlock pin actuating support	1	
-20	4B16RP6-10	. . BEARING, Sintered oil impregnated (North American)	1	
-21	NAS204-13	. SCREW, 100° flat head Phillips recess alloy steel 8-32	2	
-22	NAS204-14	. SCREW, 100° flat head Phillips recess alloy steel 8-32	1	
-23	AN365-832	. NUT	3	
-24	AN960-8	. WASHER	6	
-25	AN365-524	. NUT	2	
-26	AN5-10A	. BOLT	2	
-27	AN960D516	. WASHER	2	
-28	AN365-428	. NUT	2	
-29	AN4-10A	. BOLT	2	
-30	AN960D416	. WASHER	2	
-31	151-33121-1	. FITTING ASSEMBLY, Main landing gear trunnion support LH	1	A
	151-33121-2	. FITTING ASSEMBLY, Main landing gear trunnion support RH	1	A
	191-33121-5	. FITTING ASSEMBLY, Main landing gear trunnion support LH	1	B
	191-33121-6	. FITTING ASSEMBLY, Main landing gear trunnion support RH	1	B
-32	140-33124-3	. . BUSHING, Main landing gear trunnion support	1	
-33	140-33124-4	. . BUSHING, Main landing gear trunnion support	1	

USEABLE ON CODE: A 51-2850 thru 51-13169
B 51-13170 and subs

WING (Cont)

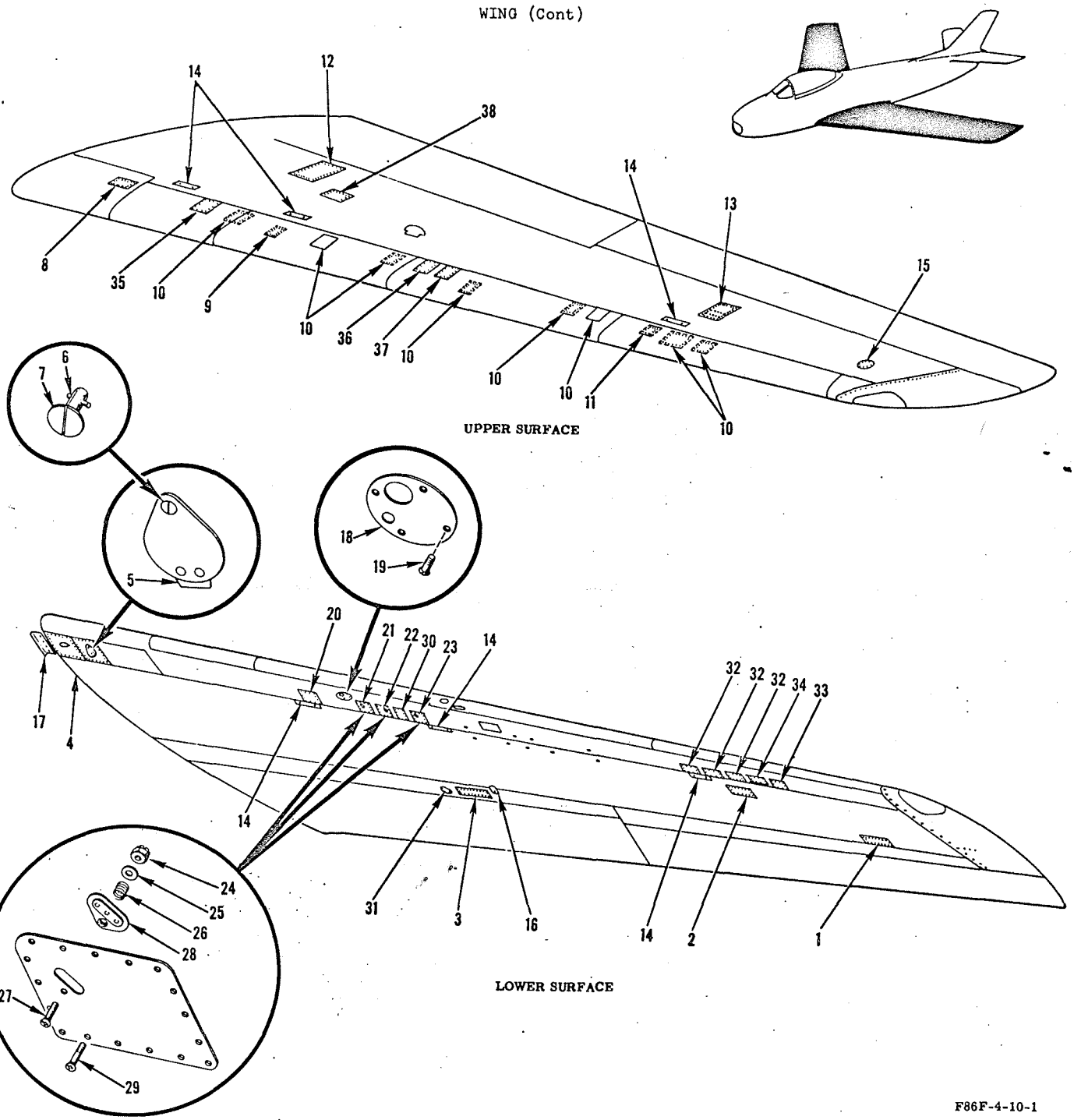


FIGURE 31 - WING OUTER PANEL DOORS AND COVERS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
31	No Number	WING OUTER PANEL DOORS AND COVERS, (see figure 7 for next assy) .	NP	
-1	165-14609-1	. DOOR, Wing outer panel sta 233 to 242 lower access LH	1	
	165-14609-2	. DOOR, Wing outer panel sta 233 to 242 lower access RH	1	
	AN509-10R10	. SCREW	34	
-2	165-14608-1	. DOOR, Wing outer panel sta 197 to 206 lower access LH	1	
	165-14608-2	. DOOR, Wing outer panel sta 197 to 206 lower access RH	1	
	AN509-10R11	. SCREW	27	
-3	170-14432-11	. DOOR ASSEMBLY, Wing outer panel flap actuator access LH (use 170-14432-1 until exh) .	1	
	170-14432-12	. DOOR ASSEMBLY, Wing outer panel flap actuator access RH (use 170-14432-2 until exh) .	1	
	AN509-8R8	. SCREW	12	
-4	170-14357-1	. DOOR ASSY, Wing outer panel leading edge inboard access LH . .	1	A,B
	170-14357-2	. DOOR ASSY, Wing outer panel leading edge inboard access RH . .	1	A,B
	191-14244-1	. DOOR ASSY, WOP 6-3 extended LE lines access LH	1	C,D
	191-14244-2	. DOOR ASSY, WOP 6-2 extended LE lines access RH	1	C,D

WING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
31	191-14244-11	DOOR ASSY, WOP 6-3 extended LE lines access LH.	1	E
	191-14244-12	DOOR ASSY, WOP 6-3 extended LE lines access RH.	1	E
-5	170-14355	. COVER ASSY, WOP leading edge fuel sump drain access	1	A,B
	191-14245	. DOOR ASSY, WOP 6-3 extended LE fuel press. drain access	1	C,D
-6	99836	. . PIN, (United-Carr)	1	
-7	98265-1-.140	. . STUD, (United-Carr)	1	
	AN509-10R9	SCREW	37	
-8	151-14285-3	DOOR, Wing slat retracting mechanism sta 51.250 access LH	1	A,B
	151-14285-4	DOOR, Wing slat retracting mechanism sta 51.250 access RH	1	A,B
	NAS205-9	SCREW, 100° flat head Phillips recess aluminum alloy 10-32	13	A,B
-9	140-14151	DOOR, Leading edge WOP inboard center sta 107.5 access	1	A,B
	NAS205-9	SCREW, 100° flat head Phillips recess aluminum alloy 10-32	9	A,B
-10	140-14268	DOOR, Wing outer panel leading edge access	10	A,B
	NAS205-9	SCREW, 100° flat head Phillips recess aluminum alloy 10-32	134	A,B
-11	170-14475	DOOR, WOP leading edge sta 125 hyd lines access	1	A,B
	NAS205-9	SCREW, 100° flat head Phillips recess aluminum alloy 10-32	13	A,B
-12	151-14153-1	DOOR ASSY, WOP trailing edge trunnion pin access LH	1	A,B
	151-14153-2	DOOR ASSY, WOP trailing edge trunnion pin access RH	1	A,B
	AN509-1032R8	SCREW	15	A,B
-13	165-14059-21	DOOR ASSY, WOP sta 215 to 224 intermediate upper access LH	1	A,B
	165-14059-1	DOOR ASSY, WOP sta 215 to 224 intermediate upper access LH	1	C,D,E
	165-14059-22	DOOR ASSY, WOP sta 215 to 224 intermediate upper access RH	1	A,B
	165-14059-2	DOOR ASSY, WOP sta 215 to 224 intermediate upper access RH	1	C,D,E
	AN509-10R11	SCREW	49	
	AN509-516R15	SCREW	4	
-14	140-14205	DOOR ASSY, Wing outer panel front spar hinge cover	6	A,B,C,D,E
	AN509-832R14	SCREW	6	A,B,C,D,E
-15	140-14062	DOOR ASSY, Wing outer panel remote indicating compass access (LH side only)	1	
	7S13CN632-8A	SCREW, Flush head 100° countersunk Phillips recess low carbon steel (North American)	6	
-16	140-14157	COVER, Wing outer panel jack fitting opening	1	
	AN509-1032R7	SCREW	1	
-17	151-14273-1	RETAINER ASSY, WOP leading edge to fairing LH	1	
	151-14273-2	RETAINER ASSY, WOP leading edge to fairing RH	1	
-18	191-14819-3	DOOR, WOP leading edge access leading edge sta 80.781 LH	1	B,C,D,E
	191-14819-4	DOOR, WOP leading edge access leading edge sta 80.781 RH	1	B,C,D,E
	191-14819-5	DOOR, WOP leading edge access leading edge sta 80.781 LH	1	E
	191-14819-6	DOOR, WOP leading edge access leading edge sta 80.781 RH	1	E
-19	AN509-10R9	SCREW	4	B,C,D,E
-20	191-14253-1	DOOR, WOP 6-3 extended leading edge fuel line access LH	1	C,D
	191-14253-2	DOOR, WOP 6-3 extended leading edge fuel line access RH	1	C,D
	AN509-10R9	SCREW	18	C,D
-21	191-14255-1	DOOR ASSY, WOP 6-3 extended LE sta 89.598 fuel line access LH	1	C,D
	191-14255-2	DOOR ASSY, WOP 6-3 extended LE sta 89.598 fuel line access RH	1	C,D
-22	191-14256-1	DOOR ASSY, WOP 6-3 extended LE sta 104.523 fuel access LH	1	C,D
	191-14256-2	DOOR ASSY, WOP 6-3 extended LE sta 104.524 fuel access RH	1	C,D
-23	191-14257-1	DOOR ASSY, WOP 6-3 extended LE sta 120.332 fuel line access LH	1	C,D
	191-14257-2	DOOR ASSY, WOP 6-3 extended LE sta 120.332 fuel line access RH	1	C,D
-24	AN310-3	. NUT	3	C,D
-25	2W1AL13-16-64	. WASHER, Plain (North American)	3	C,D
-26	157-138101	. SPRING, Cockpit canopy seal inflation plunger	3	C,D
-27	7S13-1032-13	. SCREW, 100° flush head corrosion resistant (North American)	3	C,D
-28	191-14259-1	. COVER, WOP leading edge electrical jack access hole LH	3	C,D
	191-14259-2	. COVER, WOP leading edge electrical jack access hole RH	3	C,D
-29	AN509-10R7	SCREW	46	C.D
-30	191-14254	DOOR, WOP 6-3 extended LE sta 122.212 fuel line access.	1	C,D
	191-14254-3	DOOR, WOP 6-3 extended LE sta 122.212 fuel line access.	1	E
	AN509-10R9	SCREW	14	C,D
	AN509-10R8	SCREW	14	E
-31	191-14592	DOOR, WOP trailing edge electrical cable access	1	C,D
	191-14592-5	DOOR, WOP trailing edge electrical cable access LH.	1	E
	191-14592-6	DOOR, WOP trailing edge electrical cable access RH.	1	E
	AN509-1032R	SCREW	8	C,D
-32	191-14246	DOOR, WOP 6-3 extended LE hyd lines access (RH only)	3	F
	AN509-10R9	SCREW, (RH only)	48	C,D
-33	191-14246	DOOR, WOP 6-3 extended LE hyd lines access (LH only)	1	F
	AN509-10R9	SCREW, (LH only)	16	C,D
-34	191-14247	DOOR, WOP 6-3 extended LE hyd lines access (LH only)	1	C,D
	AN509-10R9	SCREW, (LH only)	15	C,D
-35	191-14252-1	DOOR, WOP 6-3 extended LE sta 84.498 fuel line access LH	1	C,D
	191-14252-2	DOOR, WOP 6-3 extended LE sta 84.498 fuel line access RH	1	C,D
	AN509-10R9	SCREW	16	C,D
-36	191-14251	DOOR, WOP 6-3 extended LE sta 132.696 fuel line access	1	C,D
	AN509-10R9	SCREW	16	C,D
-37	191-14248	DOOR, WOP 6-3 extended LE surface controls access	1	C,D
	AN509-10R9	SCREW	16	C,D
-38	191-14264	DOOR ASSY, WOP trailing edge external stores release mechanism access LH	1	D,E
	AN507-1032R8	SCREW	11	D,E

USEABLE ON CODE:
A 51-2850 thru 51-13169
B 51-13170 thru 51-13340, 52-4305 thru 52-4504
C 51-13341 thru 51-13510, 52-4505 thru 52-5530
D 52-5165 thru 52-5271, 53-1072 thru 53-1228
E 55-3816 and subs
F 51-13341 thru 51-13510, 52-4505 thru 52-4954, 52-5272 thru 53-1228

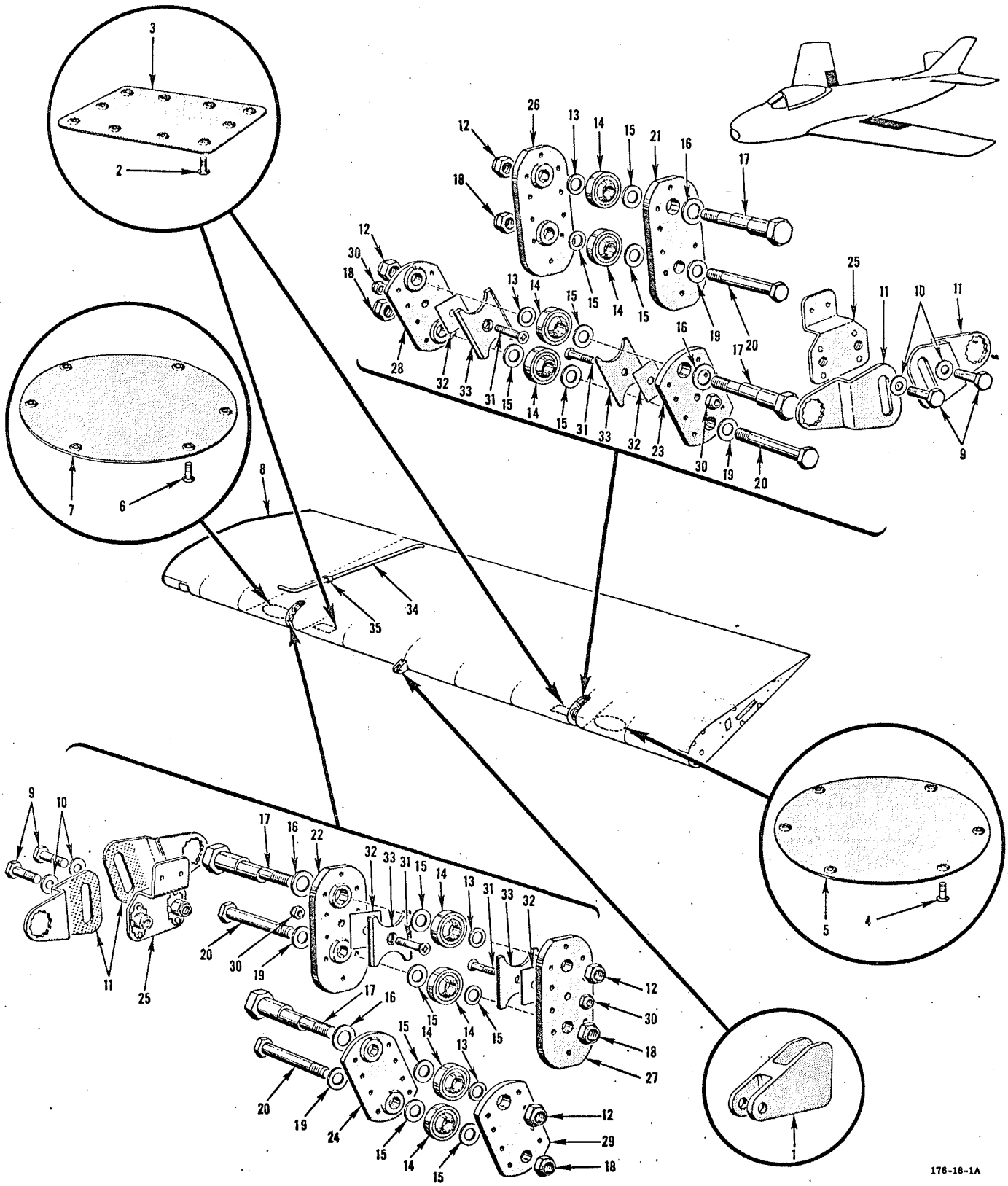


FIGURE 32 - COMPLETE FLAP ASSEMBLIES

WING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
32	177-18001-101	FLAP ASSY, Complete LH (use 165-18001-201, 165-18001-301 or 165-18001-101 untl exh) (see figure 7 for next assembly)	Ref	*1,A
	177-18001-201	FLAP ASSY, Complete LH (use 177-18001-101 untl exh)	Ref	*1,A
	177-18001-2	FLAP ASSY, Complete RH (use 165-18001-22, 165-18001-32 or 165-18001-2 untl exh) (see figure 7 for next assembly)	Ref	*2,A
	177-18001-202	FLAP ASSY, Complete RH (use 177-18001-2 untl exh)	Ref	*2,A
	165-18001-201	FLAP ASSY, Complete LH (whn exh use 177-18001-201) (see figure 7 for next assembly)	Ref	*1,A
	165-18001-22	FLAP ASSY, Complete RH (whn exh use 177-18001-202) (see figure 7 for next assembly)	Ref	*2,A
	165-18001-301	FLAP ASSY, Complete LH (whn exh use 177-18001-201) (see figure 7 for next assembly)	Ref	*1,A
	165-18001-32	FLAP ASSY, Complete RH (whn exh use 177-18001-202) (see figure 7 for next assembly)	Ref	*2,A
	165-18001-101	FLAP ASSY, Complete LH (whn exh use 177-18001-201) (see figure 7 for next assembly)	Ref	*1,A
	165-18001-2	FLAP ASSEMBLY, Complete RH (whn exh use 177-18001-202 (see figure 7 for next assembly)	Ref	*2,A
	177-18010-1	. RIB ASSY, Flap leading edge station 50.75 LH	1	A
	177-18010-2	. RIB ASSY, Flap leading edge station 50.75 RH	1	A
	140-18010-1	. RIB ASSY, Flap leading edge station 50.75 LH (used on 165-18001-101 and 165-18001-201)	1	A
	140-18010-2	. RIB ASSY, Flap leading edge station 50.75 RH (used on 165-18001-2 and 165-18001-22)	1	A
-1	177-18050	. . FITTING, Flap to actuator attaching (used on 177-18010-1 and 177-18010-2)	1	A
	176-18050	. . FITTING, Flap to actuator attaching (used on 140-18010-1 and 140-18010-2)	1	A
-2	AN509-10R7	. SCREW	18	A
-3	151-18030	. DOOR ASSEMBLY, Flap track roller access	2	A
-4	AN509-10-9	. SCREW	5	A
-5	140-18021-3	. DOOR, Flap access	1	A
-6	AN509-10-9	. SCREW	5	A
-7	140-18021-3	. DOOR, Flap access	1	A
-8	177-18001-71	. SEAL, Flap	1	A
-9	AN3-5A	. BOLT	4	A
-10	2W1-12-16-64	. WASHER, Plain (North American)	4	A
-11	140-18047	. LOCK, Flap roller adjustment bolt	4	A
-12	AN365-524	. NUT	4	A
-13	AN960-516	. WASHER	4	A
-14	LSS6B	. BEARING, (Heim)(Heim dwg No. 7-2651)(use 140-18014 untl exh). (intrch wth KAHR HA6R2)	8	A
-15	AN960-616	. WASHER	12	A
-16	AN960D716L	. WASHER	4	A
-17	140-18015	. BOLT, Flap roller adjustment	4	A
-18	AN365-624	. NUT	4	A
-19	AN960D616L	. WASHER	4	A
-20	AN6-21A	. BOLT	4	A
	151-18077-1	. RIB ASSY, Flap leading edge station 77.126 LH	1	A
	151-18077-2	. RIB ASSY, Flap leading edge station 77.126 RH	1	A
	151-18034-1	. RIB ASSY, Flap leading edge station 34.186 LH	1	A
	151-18034-2	. RIB ASSY, Flap leading edge station 34.186 RH	1	A
-21	152-18020-5	. . FITTING, Flap track roller support (sta 77.126 aft)	1	A
-22	152-18020-3	. . FITTING, Flap track roller support (sta 34.186 aft)	1	A
-23	152-18020-9	. . FITTING, Flap track roller support (sta 77.126 forward)	1	A
-24	152-18020-7	. . FITTING, Flap track roller support (sta 34.186 forward)	1	A
-25	140-18046	. . BRACKET ASSEMBLY, Flap roller adjusting lock	2	A
	151-18076-1	. RIB ASSEMBLY, Flap leading edge station 75.626 LH	1	A
	151-18076-2	. RIB ASSEMBLY, Flap leading edge station 75.626 RH	1	A
	151-18032-1	. RIB ASSEMBLY, Flap leading edge station 32.687 LH	1	A
	151-18032-2	. RIB ASSEMBLY, Flap leading edge station 32.687 RH	1	A
-26	152-18020-3	. . FITTING, Flap track roller support (sta 75.626 aft)	1	A
-27	152-18020-5	. . FITTING, Flap track roller support (sta 32.687 aft)	1	A
-28	152-18020-7	. . FITTING, Flap track roller support (sta 75.626 forward)	1	A
-29	152-18020-9	. . FITTING, Flap track roller support (sta 32.687 forward)	1	A
-30	AN364-1032	. NUT	2	A
-31	AN509-10R12	. SCREW	2	A
-32	151-18042-3	. SHIM, Wing outer panel flap track side load	AR	A
	151-18042-5	. SHIM, Wing outer panel flap track side load	AR	A
-33	151-18041	. STRIP, Wing outer panel flap track side load chaffing	2	A
-34	140-53124	. TUBE, Flap sta 28 7/16 pilot's relief (LH only)	1	A
	140-53125	. DOUBLER, Pilot's relief tube flap sta 31 15/64 (LH only)	1	A
-35	791E6	. CLIP, (Adel)	1	A

*1 Parts marked thus are interchangeable assemblies.
*2 Parts marked thus are interchangeable assemblies.

USEABLE ON CODE: A 51-2850 thru 53-1228

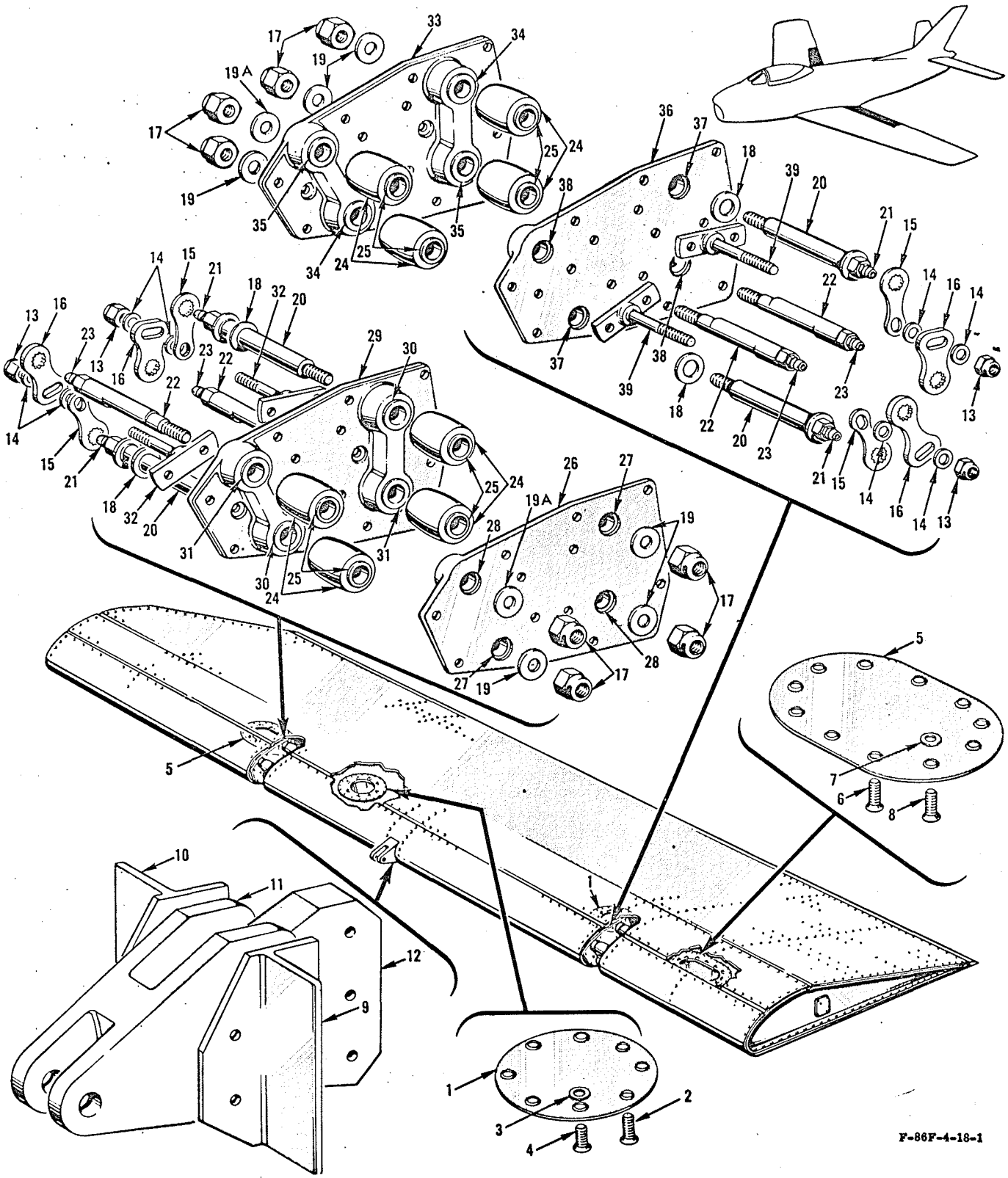
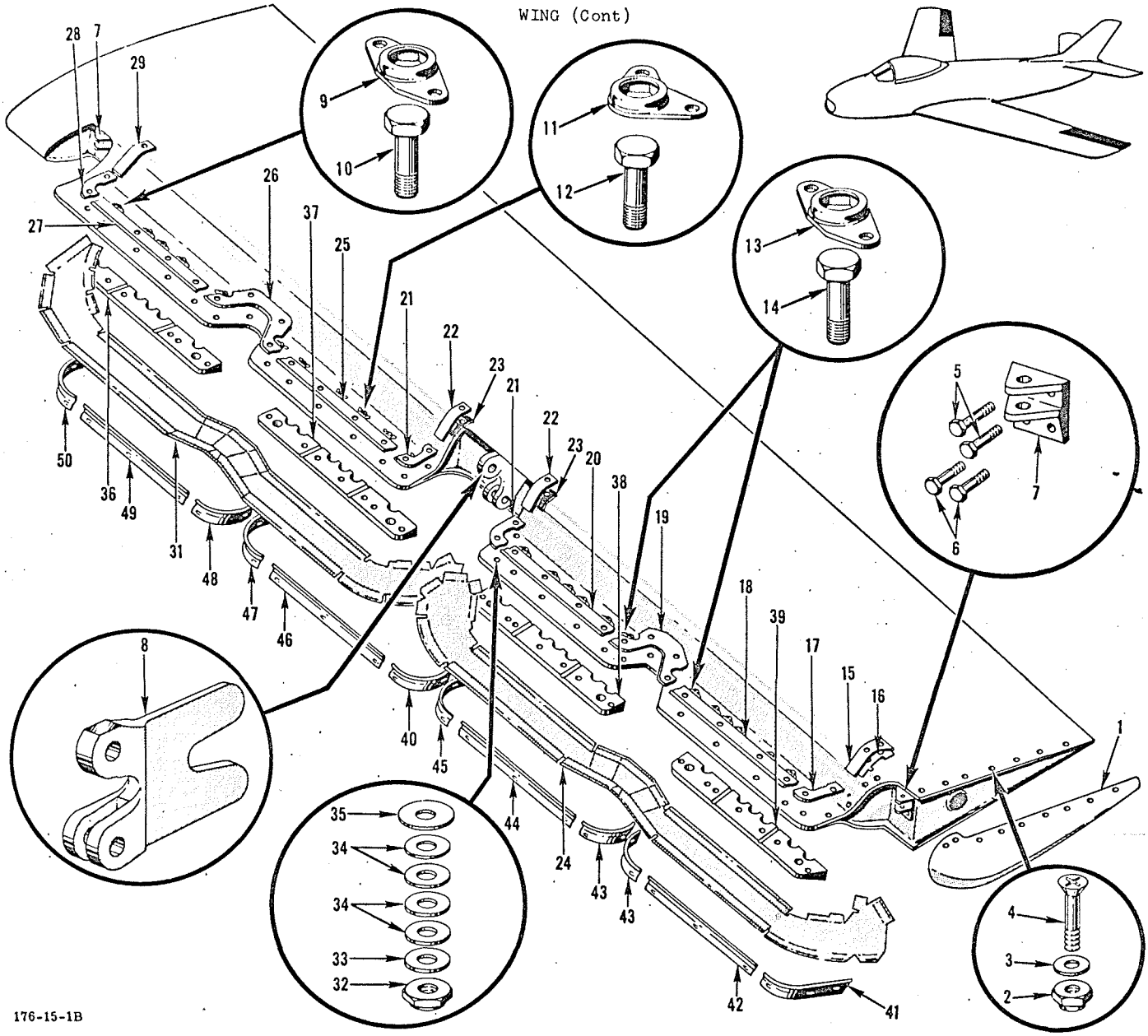


FIGURE 33 - COMPLETE FLAP ASSEMBLY

WING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
33	227-18001-1	FLAP ASSEMBLY, Complete LH (whn exh use 227-18001-101) (see fig. 7 for next assy and fig. 32 for similar breakdown)	Ref	A
	227-18001-2	FLAP ASSEMBLY, Complete RH (whn exh use 227-18001-102) (see fig. 7 for next assy and fig. 32 for similar breakdown)	Ref	A
	227-18001-101	FLAP ASSEMBLY, Complete LH (use 227-18001-1 untl exh) (see fig. 7 for next assy)	Ref	A
	227-18001-102	FLAP ASSEMBLY, Complete RH (use 227-18001-2 untl exh) (see fig. 7 for next assy)	Ref	A
-1	203-18052	. DOOR, Flap track ribs access outboard	2	A
	ATTACHING PARTS			
-2	AN509-10R10	. SCREW	20	A
-3	2W18-10	. WASHER, Flat (North American)	2	A
-4	7S13-1032-17	. SCREW, 100° flush head corrosion resistant (North American)	2	A
	---*---			
-5	203-18063	. DOOR, Flap track ribs access inboard	2	A
	ATTACHING PARTS			
-6	AN509-10R10	. SCREW	28	A
-7	2W18-10	. WASHER, Flat (North American)	2	A
-8	7S13-1032-17	. SCREW, 100° flush head corrosion resistant (North American)	2	A
	---*---			
-9	203-18048-1	. TEE, Flap leading edge rib to intercostal attaching LH	1	A
-10	203-18048-2	. TEE, Flap leading edge rib to intercostal attaching RH	1	A
-11	177-18050	. FITTING, Flap to actuator attaching	1	A
-12	177-18049	. SPACER, Flap to actuator attaching	1	A
-13	AN365-428	. NUT	4	A
-14	2W1AL16-20-064	. WASHER, Plain (North American)	8	A
-15	173-18009	. KEY, Flap roller journal locking	4	A
-16	173-18019	. KEY, Flap roller adjusting journal locking	4	A
-17	AN365-624	. NUT	8	A
-18	2W1AL38-28-064	. WASHER, Plain (North American)	4	A
-19	2W1AL26-28-064	. WASHER, Plain (North American)	8	A
-19A	2W1AL26-24-064	. WASHER, Plain (North American)	2	A
-20	173-18017	. JOURNAL ASSY, Flap roller adjustment	4	A
-21	AN944-101	. . FITTING, Lubricator aircraft pressure grip type NFT	1	A
-22	173-18018	. JOURNAL ASSY, Flap roller adjustment	4	A
-23	AN944-101	. . FITTING, Lubricator aircraft pressure grip type NFT	1	A
-24	227-18021	. ROLLER ASSEMBLY, Flap track	8	A
-25	4B20B9-015	. . BUSHING, Press-fit flanged (North American)	2	A
	203-18029-1	. RIB ASSY, Flap station 32.281 leading edge LH	1	A
	203-18029-2	. RIB ASSY, Flap station 32.281 leading edge RH	1	A
	203-18030-1	. RIB ASSY, Flap station 34.593 leading edge LH	1	A
	203-18030-2	. RIB ASSY, Flap station 34.593 leading edge RH	1	A
-26	173-18011-29	. . FITTING ASSY, Flap roller support LH (sta 34.593)	1	A
	173-18011-30	. . FITTING ASSY, Flap roller support RH (sta 34.593)	1	A
-27	4B20S9-015	. . . BUSHING, Press-fit flanged (North American)	2	A
-28	4B20S8-015	. . . BUSHING, Press-fit flanged (North American)	2	A
-29	173-18011-27	. . FITTING ASSY, Flap roller support LH (station 32.281)	1	A
	173-18011-28	. . FITTING ASSY, Flap roller support RH (station 32.281)	1	A
-30	4B20S9-015	. . . BUSHING, Press-fit flanged (North American)	2	A
-31	4B20S10-015	. . . BUSHING, Press-fit flanged (North American)	2	A
-32	173-18024	. . STUD, Flap roller adjustment lock (station 32.281)	2	A
	203-18035-1	. RIB ASSY, Flap station 75.220 leading edge LH	1	A
	203-18035-2	. RIB ASSY, Flap station 75.220 leading edge RH	1	A
	203-18036-1	. RIB ASSY, Flap sta 77.532 leading edge LH	1	A
	203-18036-2	. RIB ASSY, Flap sta 77.532 leading edge RH	1	A
-33	173-18011-31	. . FITTING ASSY, Flap roller support LH (station 75.220)	1	A
	173-18011-32	. . FITTING ASSY, Flap roller support RH (station 75.220)	1	A
-34	4B20S9-015	. . . BUSHING, Press-fit flanged (North American)	2	A
-35	4B20S8-015	. . . BUSHING, Press-fit flanged (North American)	2	A
-36	173-18011-33	. . FITTING ASSY, Flap roller support LH (sta 77.532)	1	A
	173-18011-34	. . FITTING ASSY, Flap roller support RH (sta 77.532)	1	A
-37	4B20S9-015	. . . BUSHING, Press-fit flanged (North American)	2	A
-38	4B20S10-015	. . . BUSHING, Press-fit flanged (North American)	2	A
-39	173-18024	. . STUD, Flap roller adjustment lock (station 77.532)	2	A

USEABLE ON CODE: A 55-3816 and subs



176-15-1B

FIGURE 34 - AILERON AND AILERON SEAL AND COUNTERBALANCE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
34		AILERON AND AILERON SEAL AND COUNTERBALANCE		
	165-16001-1	. AILERON ASSY, Complete LH (see fig. 7 for next assy)	Ref	A
	165-16001-101	. AILERON ASSY, Complete LH (see fig. 7 for next assy)	Ref	B
	165-16001-2	. AILERON ASSY, Complete RH (see fig. 7 for next assy)	Ref	A
	165-16001-102	. AILERON ASSY, Complete RH (see fig. 7 for next assy)	Ref	B
	165-16002-1	. . AILERON ASSEMBLY, Covered LH	1	
	165-16002-2	. . AILERON ASSEMBLY, Covered RH	1	
	165-16113	. . . EDGE, Wing aileron trailing (altered from 5E90X124) . .	1	
-1	165-16218-1	. . . TIP ASSEMBLY, Aileron LH	1	A,*1
	165-16218-2	. . . TIP ASSEMBLY, Aileron RH	1	A,*1
-2	AN363C832	. . . NUT	6	A,*1
-3	2W10-4	. . . WASHER, Countersunk (North American)	4	A,*1
-4	7S16-8-7	. . . SCREW, 100° flush head corrosion resistant (North American) . . .	20	A,*1
-5	AN4-6A	. . . BOLT	4	
-6	AN4-7A	. . . BOLT	4	
	AN960D416	. . . WASHER	4	
-7	203-16008-3	. . . FITTING, Aileron outboard and inboard aft hinge (use 203-16008 or 157-16008 until exh)	2	
-8	165-16169-5	. . . FITTING, Aileron spar center hinge	1	
-9	6800-02	. . . BOLT RETAINER, Two lug (Nutt-Shel)	5	
-10	AN3-10A	. . . BOLT	5	
-11	5820-02	. . . BOLT RETAINER, Corner type (Nutt-Shel)	6	
-12	AN3-10A	. . . BOLT	6	
-13	5800-02	. . . BOLT RETAINER, Two lug (Nutt-Shel)	12	

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
34-14	5B17C6A			.					BOLT, 10-32 corrosion resistant (North American)	12	
	165-16003-1		.						SEAL AND COUNTERBALANCE INSTALLATION, Aileron LH	NP	
	165-16003-2		.						SEAL AND COUNTERBALANCE INSTALLATION, Aileron RH	NP	
-15	165-16060-1			.					RETAINER, Aileron sta 114.211 canted rib upper LH	1	
	165-16060-2			.					RETAINER, Aileron sta 114.211 canted rib upper RH	1	
	165-16059-1			.					RETAINER, Aileron sta 114.211 canted rib LH	1	
	165-16059-2			.					RETAINER, Aileron sta 114.211 canted rib RH	1	
-16	165-16061-11			.					STRIP, Aileron seal rubbing	1	
	165-16061-13			.					STRIP, Aileron seal rubbing	1	
-17	165-16017-1			.					RETAINER, Aileron sta 114.211 canted paddle seal LH	1	
	165-16017-2			.					RETAINER, Aileron sta 114.211 canted paddle seal RH	1	
	5B17C5A			.					BOLT, 10-32 corrosion resistant (North American)	1	
-18	165-16019-9			.					RETAINER, Aileron paddle seal LH	1	
	165-16019-10			.					RETAINER, Aileron sta 85.813 paddle seal	1	
	5B17C3A			.					BOLT, 10-32 corrosion resistant (North American)	2	
	5B17C5A			.					BOLT, 10-32 corrosion resistant (North American)	2	
-19	165-16120			.					RETAINER, Aileron sta 85.813 paddle seal	1	
-20	165-16019-7			.					RETAINER, Aileron paddle seal LH	1	
	165-16019-8			.					RETAINER, Aileron paddle seal RH	1	
-21	165-16018-1			.					RETAINER, Ail. sta 49.5 and sta 63.5 paddle seal LH	2	
	165-16018-2			.					RETAINER, Ail. sta 49.5 and sta 63.5 paddle seal RH	2	
	5B17C5A			.					BOLT, 10-32 corrosion resistant (North American)	1	
-22	165-16058-1			.					RETAINER, Aileron sta 49.5 and 63.5 ribs upper LH	2	
	165-16058-2			.					RETAINER, Aileron sta 49.5 and 63.5 ribs upper RH	1	
-23	165-16061-7			.					STRIP, Aileron seal rubbing	2	
	165-16061-9			.					STRIP, Aileron seal rubbing	2	
	165-16057-1			.					RETAINER, Aileron sta 49.5 and 63.5 rib lower LH	2	
	165-16057-2			.					RETAINER, Aileron sta 49.5 and 63.5 rib lower RH	2	
-24	165-16006-1			.					SEAL ASSY, Aileron outboard LH	1	
	165-16006-2			.					SEAL ASSY, Aileron outboard RH	1	
-25	165-16019-5			.					RETAINER, Aileron paddle seal LH	1	
	165-16019-6			.					RETAINER, Aileron paddle seal RH	1	
-26	165-16016			.					RETAINER, Aileron station 28.062 paddle seal	1	
-27	165-16019-3			.					RETAINER, Aileron paddle seal LH	1	
	165-16019-4			.					RETAINER, Aileron paddle seal RH	1	
-28	165-16015-1			.					RETAINER, Aileron sta 8.570 paddle seal LH	1	
	165-16015-2			.					RETAINER, Aileron sta 8.570 paddle seal RH	1	
-29	165-16056-1			.					RETAINER, Aileron station 8.572 rib upper LH	1	
	165-16056-2			.					RETAINER, Aileron station 8.572 rib upper RH	1	
-30	165-16061-3			.					STRIP, Aileron seal rubbing	1	
	165-16061-5			.					STRIP, Aileron seal rubbing	1	
	165-16055-1			.					RETAINER, Aileron station 8.570 rib lower LH	1	
	165-16055-2			.					RETAINER, Aileron station 8.570 rib lower RH	1	
-31	165-16004-1			.					SEAL ASSEMBLY, Aileron inboard LH	1	
	165-16004-2			.					SEAL ASSEMBLY, Aileron inboard RH	1	
-32	AN365-1032			.					NUT	23	
-33	AN960D10L			.					WASHER	23	
-34	AN960D10			.					WASHER	AR	
-35	2W16			.					WASHER, Weight balance (North American)	AR	
-36	165-16023-1			.					WEIGHT, Aileron inboard inner balance LH	1	
	165-16023-2			.					WEIGHT, Aileron inboard inner balance RH	1	
-37	165-16024-1			.					WEIGHT, Aileron inboard outer balance LH	1	
	165-16024-2			.					WEIGHT, Aileron inboard outer balance RH	1	
-38	165-16025-1			.					WEIGHT, Aileron outboard inner balance LH	1	
	165-16025-2			.					WEIGHT, Aileron outboard inner balance RH	1	
-39	165-16028-1			.					WEIGHT, Aileron outboard outer balance LH	1	
	165-16028-2			.					WEIGHT, Aileron outboard outer balance RH	1	
	165-16003-11		.						SEAL & COUNTERBALANCE INSTL, Ail. LH (see fig.7 for next assy)	NP	
	165-16003-12		.						SEAL & COUNTERBALANCE INSTL, Ail. RH (see fig. 7 for next assy)	NP	
-40	165-16026-2			.					STRIP ASSY, Ail. seal ail. sta 50.5 and 62.5 retainer RH	1	
	165-16026-1			.					STRIP ASSY, Ail. seal ail. sta 50.5 and 62.5 retainer LH	1	
	5B17C4A			.					BOLT, 10-32 corrosion resistant (North American)	3	
	5B17C6A			.					BOLT, 10-32 corrosion resistant (North American)	2	
-41	165-16027-1			.					STRIP ASSY, Aileron sta 108.750 ail. seal retainer LH	1	
	165-16027-2			.					STRIP ASSY, Aileron sta 108.750 ail. seal retainer RH	1	
	5B17C4A			.					BOLT, 10-32 corrosion resistant (North American)	3	
-42	165-16021-9			.					STRIP, Aileron seal aft retainer	1	
	5B17C4A			.					BOLT, 10-32 corrosion resistant (North American)	1	
-43	165-16048-1			.					STRIP ASSY, Ail. seal ail. sta 85.813 end retainer LH	2	
	165-16048-2			.					STRIP ASSY, Ail. seal ail. sta 85.813 end retainer RH	2	
	5B17C4A			.					BOLT, 10-32 corrosion resistant (North American)	2	
-44	165-16021-7			.					STRIP, Aileron seal aft retainer	1	
	5B17C4A			.					BOLT, 10-32 corrosion resistant (North American)	1	
-45	165-16026-1			.					STRIP ASSY, Ail. seal ail. sta 50.5 and 62.5 retainer	1	
	165-16026-2			.					STRIP ASSY, Ail. seal ail. sta 50.5 and 62.5 retainer	1	
-46	165-16021-5			.					STRIP, Aileron seal aft retainer	1	
-47	165-16045-1			.					STRIP ASSY, Ail. seal ail. sta 28.062 end retainer LH	1	
	165-16045-2			.					STRIP ASSY, Ail. seal ail. sta 28.062 end retainer RH	1	
-48	165-16045-2			.					STRIP ASSY, Ail. seal ail. sta 28.062 end retainer RH	1	
	165-16045-1			.					STRIP ASSY, Ail. seal ail. sta 28.062 end retainer LH	1	
-49	165-16021-3			.					STRIP, Aileron seal aft retainer	1	
-50	165-16022-1			.					STRIP ASSY, Ail. seal station 6.572 end retainer LH	1	
	165-16022-2			.					STRIP ASSY, Ail. seal station 6.572 end retainer RH	1	

*1 Refer to T. O. 1F-86F-516

USEABLE ON CODE: *1 A 51-2850 thru 51-13169 *1 B 51-13170 and subs

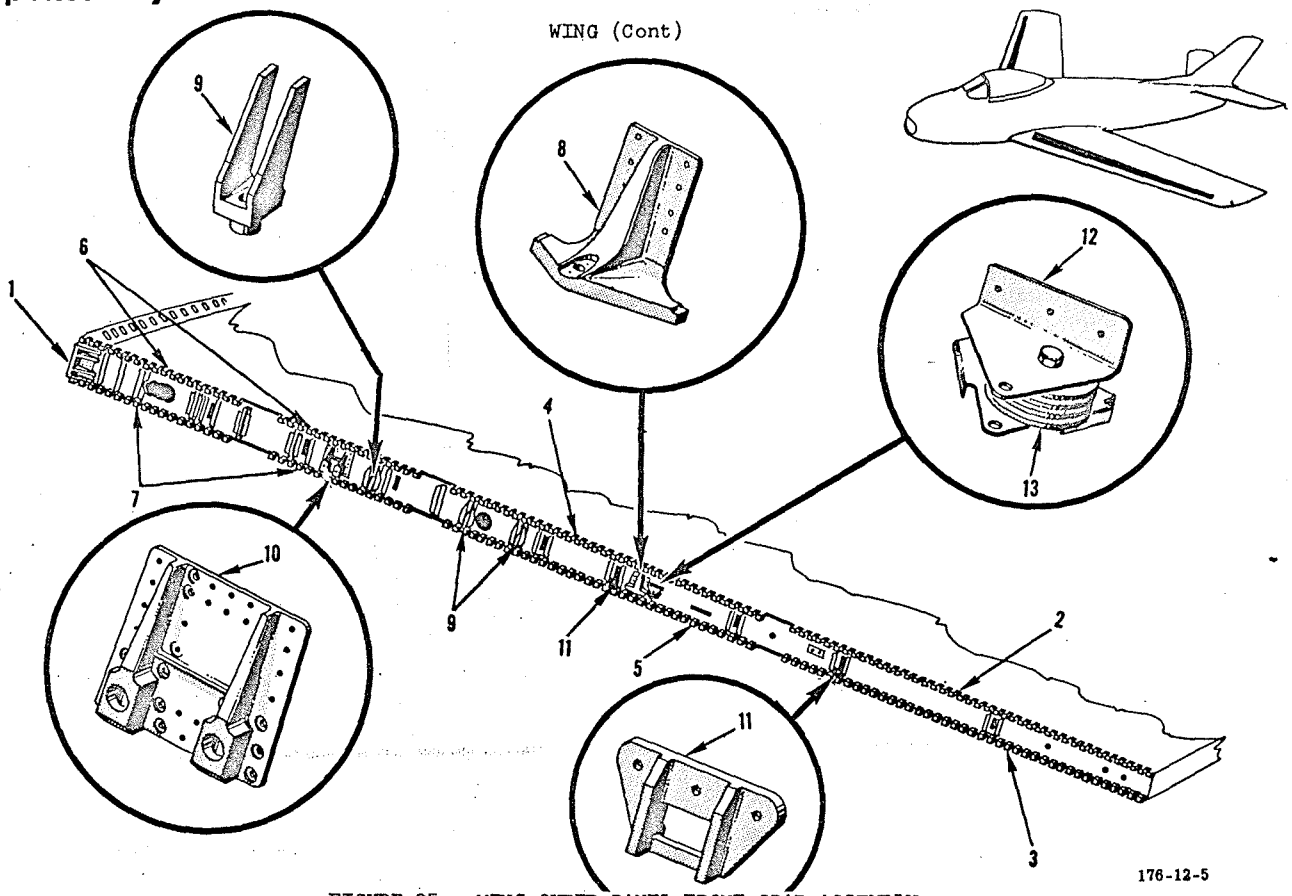


FIGURE 35 - WING OUTER PANEL FRONT SPAR ASSEMBLY

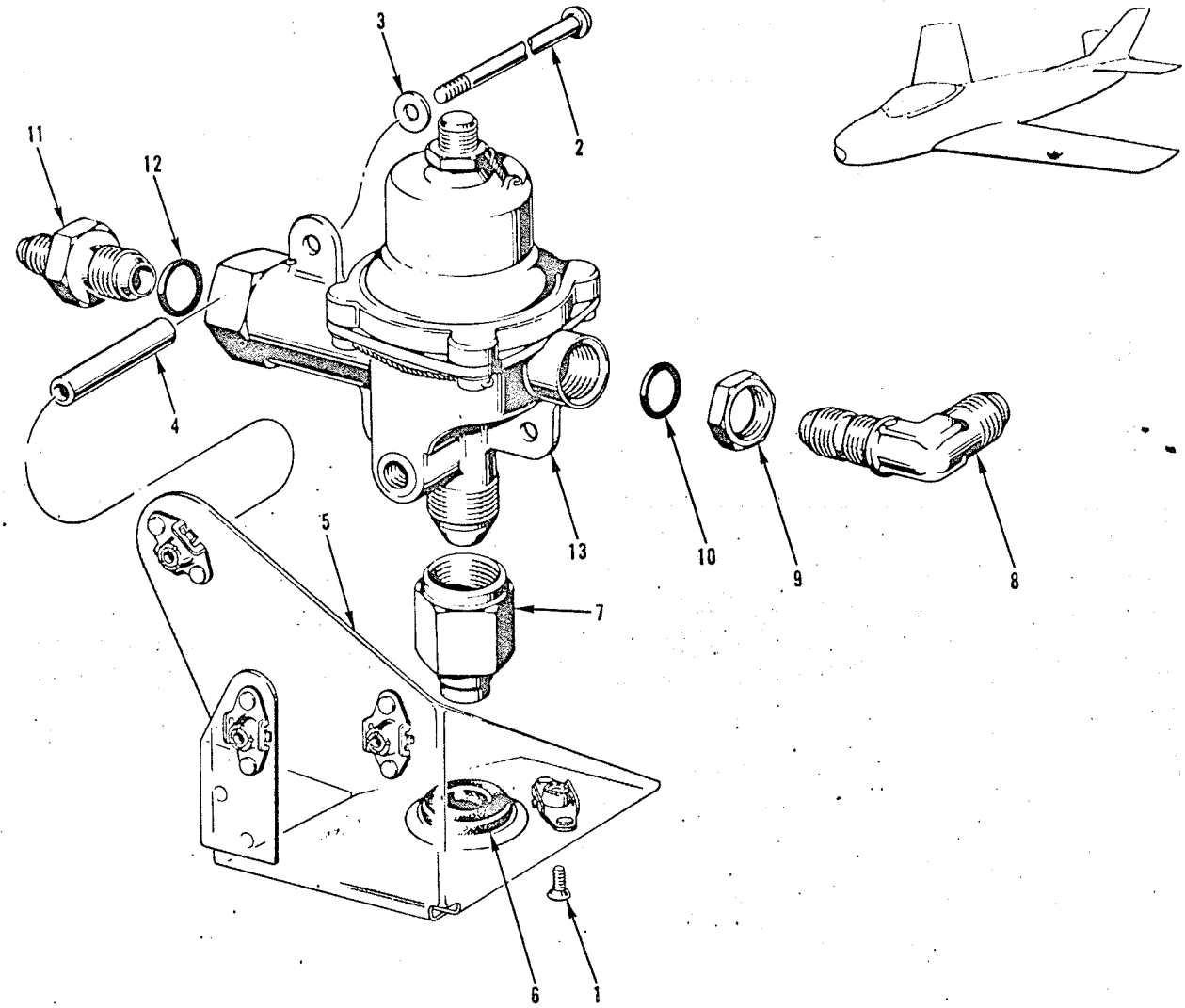
Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
35	191-14003-1	SPAR ASSY, WOP front LH (see fig. 14 for next assy)	Ref	A,*2
	191-14003-2	SPAR ASSY, WOP front RH (see fig 14 for next assy)	Ref	A,B, *2
	191-14003-11	SPAR ASSY, WOP front LH (see fig. 14 for next assy)	Ref	B,*2
	191-14003-21	SPAR ASSY, WOP front LH (see fig. 14 for next assy)	Ref	C,*2
	191-14003-22	SPAR ASSY, WOP front RH (see fig. 14 for next assy)	Ref	C,*2
	191-14003-31	SPAR ASSY, WOP front LH (see fig. 14 for next assy)	Ref	D,*1
	191-14003-32	SPAR ASSY, WOP front RH (see fig. 14 for next assy)	Ref	D,*1
-1	151-14047-3	. FITTING, Front spar panel attaching LH	1	A,B,C D
	151-14047-13 *3			
	151-14047-4	. FITTING, Front spar panel attaching RH	1	A,B,C, D
	151-14047-14 *3			
-2	191-14003-49	. JOINT, WOP sta 262 to 182 LH upper (altered from 191-14548-3)	1	A,B,C, *2

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
	191-14003-50	. JOINT, WOP sta 262 to 182 RH upper (altered from 191-14548-4)	1	A,B,C, *2
	191-14003-117	. JOINT, Wing outer panel sta 262 to 182 LH upper	1	D,*1
	191-14003-118	. JOINT, Wing outer panel sta 262 to 182 RH upper	1	D,*1
-3	191-14003-47	. JOINT, WOP sta 262 to 182 LH lower (altered from 191-14549-3)	1	A,B,C *2
	191-14003-48	. JOINT, WOP sta 262 to 182 RH lower (altered from 191-14549-4)	1	A,B,C, *2
	191-14003-119	. JOINT, WOP sta 262 to 182 LH lower .	1	D,*1
	191-14003-120	. JOINT, WOP sta 262 to 182 RH lower .	1	D,*1
-4	191-14003-55	. JOINT, WOP sta 182 to 100 LH upper (altered from 191-14546-3)	1	A,B,C, D
	191-14003-56	. JOINT, WOP sta 182 to 100 RH upper (altered from 191-14546-4)	1	A,B,C, D
-5	191-14003-53	. JOINT, WOP sta 182 to 100 LH lower (altered from 191-14547-3)	1	A,B,C, D
	191-14003-54	. JOINT, WOP sta 182 to 100 RH lower (altered from 191-14547-4)	1	A,B,C, D
-6	191-14003-61	. JOINT, WOP sta 100 to 30 LH upper (altered from 140-14014-3)	1	A,B,C, D
	191-14003-62	. JOINT, WOP sta 100 to 30 RH upper (altered from 140-14014-4	1	A,B,C, D
-7	191-14003-59	. JOINT, WOP sta 100 to 30 LH lower (altered from 191-14545-3	1	A,B, *2
	191-14003-60	. JOINT, WOP sta 100 to 30 RH lower (altered from 191-14545-4	1	A,B, *2
	191-14003-107	. JOINT, WOP sta 100 to 30 LH lower (altered from 191-14545-7)	1	C,D, *1
	191-14003-108	. JOINT, WOP sta 100 to 30 RH lower (altered from 191-14545-8)	1	C,D *1
-8	191-14774-7	. FITTING ASSY, WOP fuel tank sway brace sup. wing sta 160 LH	1	A,B, C,D
	191-14774-8	. FITTING ASSY, WOP fuel tank sway brace sup. wing sta 160 RH	1	A,B, C,D
	191-14774-5	. . NUT, WOP fuel tank sway brace fitting assembly (altered from Elastic 52A1-080)	1	A,B, C,D

Figure & Index No.	Part No.	1 2 3 4 5 6 7 Description	Units Per Assy	Use On Code
-9	151-14292-1	. FITTING, WOP rocket support attaching LH	3	A,B
	151-14292-1	. FITTING, WOP rocket support attaching LH	4	C,D, *1
	151-14292-2	. FITTING, WOP rocket support attaching RH	3	A,B
	151-14292-2	. FITTING, WOP rocket support attaching RH	4	C,D, *1
-10	191-14812-3	. FITTING, WOP front spar BP72 1/4 bomb beam attaching sup. LH	1	A,B, C,D
	191-14812-4	. FITTING, WOP front spar BP72 1/4 bomb beam attaching sup. RH	1	A,B, C,D
-11	165-14325	. SUPPORT, WOP front spar lower cap. .	2	A,B, C,D
-12	165-52354-7	. BRACKET ASSY, Aileron control wing sta 163 pulley LH	1	A,B, C,D
	165-52354-8	. BRACKET ASSY, Aileron control wing sta 163 pulley RH	1	A,B, C,D
-13	NAS376-2	. . PULLEY, Secondary control for 1/16 and 3/32 dia cables.	2	A,B, C,D

*1 Also used on airplanes 51-13170 thru 53-1227 that have been modified per T.O. 1F-86F-516.
*2 Not used on airplanes modified per T.O. 1F-86F-516 and T.O. 1F-86F-109.
*3 For aircraft modified by T.O. 1F-86F-544.

USEABLE ON CODE:
A 51-13170 thru 51-13510, 52-4305 thru 51-5163, 52-5272 thru 52-5530
B 52-5164 thru 52-5271
C 53-1072 thru 53-1228
D 55-3816 and subs



F-86F-4-48-1

FIGURE 36 - FUEL DROP TANK AIR PRESSURE REGULATOR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
36	172-48408-1	REGULATOR ASSEMBLY, Fuel drop tank air pressure LH . . . . . (see figure 44 for next assembly)	Ref	*1
	172-48408-2	REGULATOR ASSEMBLY, Fuel drop tank air pressure RH . . . . . (see figure 44 for next assembly)	Ref	*1
		ATTACHING PARTS		
-1	AN507-1032R8	SCREW	3	*1
		---*---		
-2	AN520-10R32	. SCREW	3	*1
-3	2W18-10	. WASHER, Flat (North American)	3	*1
-4	NAS43DD3-90	. SPACER, Screw	3	*1
-5	176-48218-11	. BRACKET ASSY, Fuel drop tank air regulator support LH	1	*1
	176-48218-12	. BRACKET ASSY, Fuel drop tank air regulator support RH	1	*1
-6	AN931-8-13	. . GROMMET	1	*1
-7	172-48814-109	. LINE ASSY, Drop fuel tank air regulator drain	1	*1
-8	AN833-4D	. ELBOW	1	*1
-9	AN924-4D	. NUT	1	*1
-10	MS29512-4	. GASKET, Fuel resistant straight thread tube fitting boss . .	1	*1
-11	AN919-6D	. REDUCER	1	*1
-12	MS29512-4	. GASKET, Fuel resistant straight thread tube fitting boss . .	1	*1
-13	1354-526177	. VALVE ASSY, Air press. relief and drain (Parker Aircraft) . .	1	*1

*1 Used on aircraft with 172-14109 extended leading edge installed in accordance with T. O. 1F-86-109.

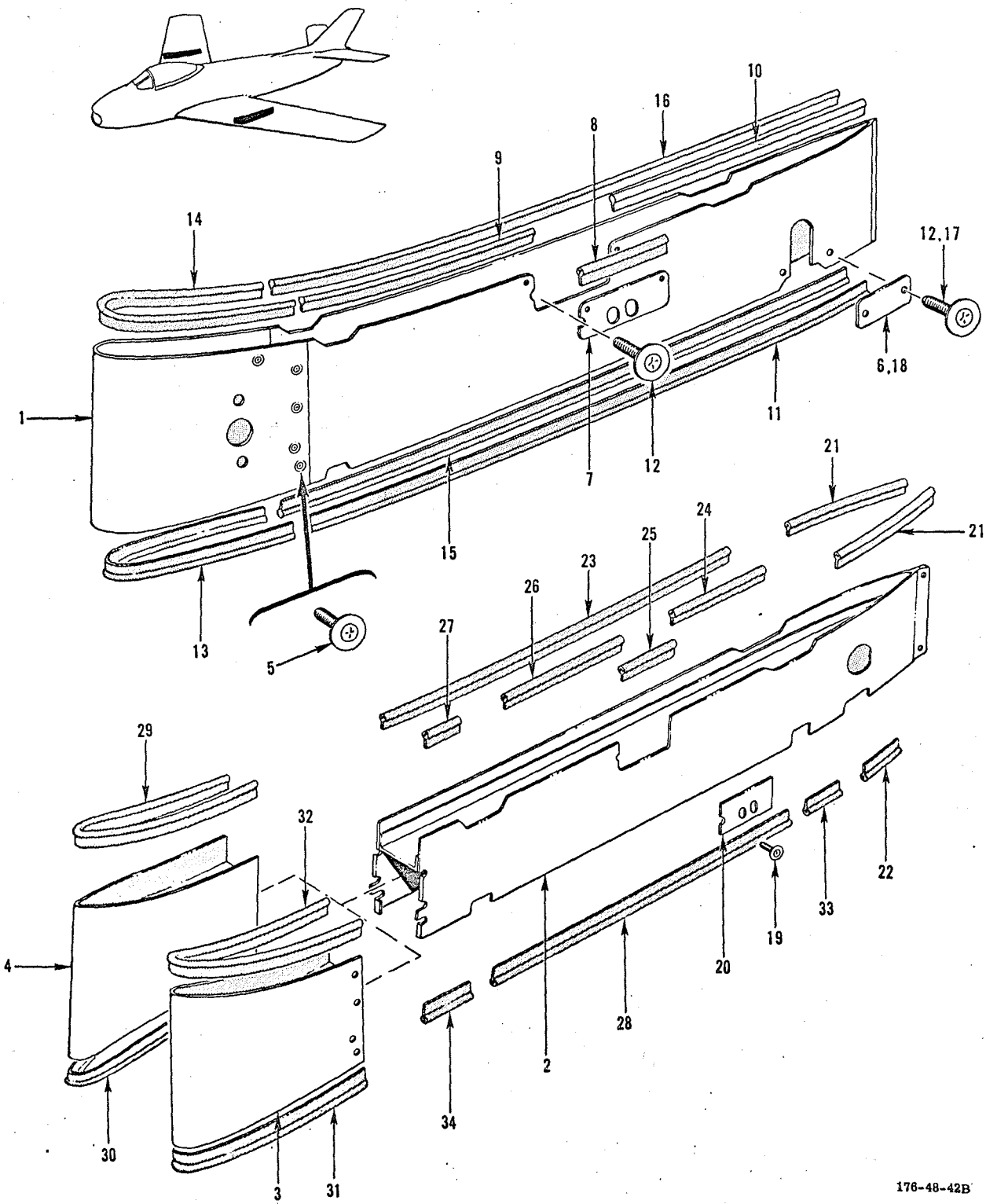


FIGURE 37 - 120 GALLON DROP TANK FAIRING ASSEMBLY

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
37	No Number	FAIRING ASSY, 120 gal drop fuel tanks (see fig. 51 for next assy)	NP	
-1	172-48261-1	. FAIRING ASSY, 120 gallon drop fuel tank LH	1	*1
	172-48261-2	. FAIRING ASSY, 120 gallon drop fuel tank RH	1	*1
	172-48261-101	. FAIRING ASSY, 120 gallon drop fuel tank LH (whn exh use 191-48261-1 together with 191-48261-301)	1	*2
	172-48261-102	. FAIRING ASSY, 120 gallon drop fuel tank RH (whn exh use 191-48261-2 together with 191-48261-302)	1	*2
-2	191-48261-1	. FAIRING ASSY, 120 gallon drop fuel tank universal (use 172-48261-101 untl exh)	1	*3
	191-48261-2	. FAIRING ASSY, 120 gallon drop fuel tank universal (use 172-48261-102 untl exh)	1	*3
-3	191-48261-201	. FAIRING ASSY, 120 gallon drop fuel tank universal LH	1	*4
	191-48261-202	. FAIRING ASSY, 120 gallon drop fuel tank universal RH	1	*4
-4	191-48261-301	. FAIRING ASSY, 120 gallon drop fuel tank universal front LH	1	*5
	191-48261-302	. FAIRING ASSY, 120 gallon drop fuel tank universal front RH	1	*5
-5	SP1561-832-8	. . SCREW ASSY, 100° flat head (Shakeproof)	10	
	172-48261-57	. . PANEL ASSY, 120 gallon drop fuel tank fairing outboard LH.	1	*6
	172-48261-58	. . PANEL ASSY, 120 gallon drop fuel tank fairing outboard RH.	1	*6
	172-48261-79	. . PANEL ASSY, 120 gallon drop fuel tank fairing outboard LH.	1	*7
	172-48261-80	. . PANEL ASSY, 120 gallon drop fuel tank fairing outboard RH.	1	*7
-6	172-48261-35	. . . COVER, 120 gal drop fuel tank fairing (used on -57 only)	1	
	172-48261-53	. . . DOOR ASSY, 120 gal drop fuel tank fairing outbd panel LH	1	
	172-48261-54	. . . DOOR ASSY, 120 gal drop fuel tank fairing outbd panel RH	1	
-7	172-48261-37	. . . . DOOR, 120 gal drop fuel tank fairing outbd panel	1	
-8	5W1-4-6-11	. . . . WEATHERSEAL, (North American)	1	
-9	5W1-4-14-8	. . . . WEATHERSEAL, (North American)	1	
-10	5W1-4-29-4	. . . . WEATHERSEAL, (North American)	1	
-11	5W1-4-50-8	. . . . WEATHERSEAL, (North American)	1	
-12	SP1561-832-8	. . . . SCREW ASSY, 100° flat head (Shakeproof) (1 only used on -58, -79 and -80)	3	
	172-48261-51	. . PANEL ASSY, 120 gal drop fuel tank fairing leading edge LH	1	
	172-48261-52	. . PANEL ASSY, 120 gal drop fuel tank fairing leading edge RH	1	
-13	5W1-4-17-8	. . . WEATHERSEAL, (North American)	1	
-14	5W1-4-30-8	. . . WEATHERSEAL, (North American)	1	
	172-48261-55	. . PANEL ASSY, 120 gal drop fuel tank fairing inbd LH	1	
	172-48261-56	. . PANEL ASSY, 120 gal drop fuel tank fairing inbd RH	1	*6
	172-48261-78	. . PANEL ASSY, 120 gal drop fuel tank fairing inbd RH	1	*7
-15	5W1-4-50-8	. . . WEATHERSEAL, (North American)	1	
-16	5W1-4-50	. . . WEATHERSEAL, (North American)	1	
-17	SP1561-832-8	. . . SCREW ASSY, 100° flat head (Shakeproof) (used on -56 only)	2	
-18	172-48261-35	. . . COVER, 120 gal drop fuel tank fairing (used on -56 only)	1	
-19	SP1561-1032-8	. . SCREW ASSY, (Shakeproof)	1	
-20	191-48261-103	. . DOOR ASSY, 120 gal drop fuel tank fairing LH	1	
	191-48261-104	. . DOOR ASSY, 120 gal drop fuel tank fairing RH	1	
-21	5W1-4-9-0	. . WEATHERSEAL, (North American)	2	
-22	5W1-4-3-5	. . WEATHERSEAL, (North American)	2	
-23	5W1-4-34-4	. . WEATHERSEAL, (North American)	1	
-24	5W1-4-15-8	. . WEATHERSEAL, (North American)	1	
-25	5W1-4-6-10	. . WEATHERSEAL, (North American)	1	
-26	5W1-4-10-9	. . WEATHERSEAL, (North American)	1	
-27	5W1-4-2-4	. . WEATHERSEAL, (North American)	1	
-28	5W1-4-35-3	. . WEATHERSEAL, (North American)	2	
-29	5W1-9-28-2	. . WEATHERSEAL, (North American)	1	
-30	5W1-9-16-14	. . WEATHERSEAL, (North American)	1	
-31	5W1-3-19-10	. . WEATHERSEAL, (North American)	1	
-32	5W1-3-20-5	. . WEATHERSEAL, (North American)	1	
-33	5W1-4-2-6	. . WEATHERSEAL, (North American)	2	
-34	5W1-4-2-8	. . WEATHERSEAL, (North American)	2	

*1 Used on 172-48201-1 and -2 only (see figure 49)
*2 Used on 172-48201-51 and -52 only (see figure 49)
*3 Used on 172-48201-51, -52, -151, -152, -201 and -202
*4 Used on 172-48201-201 and -202
*5 Used on 172-48201-51, -52, -151 and -152
*6 Used on 172-48261-1 and -2 only
*7 Used on 172-48261-101 and -102 only.

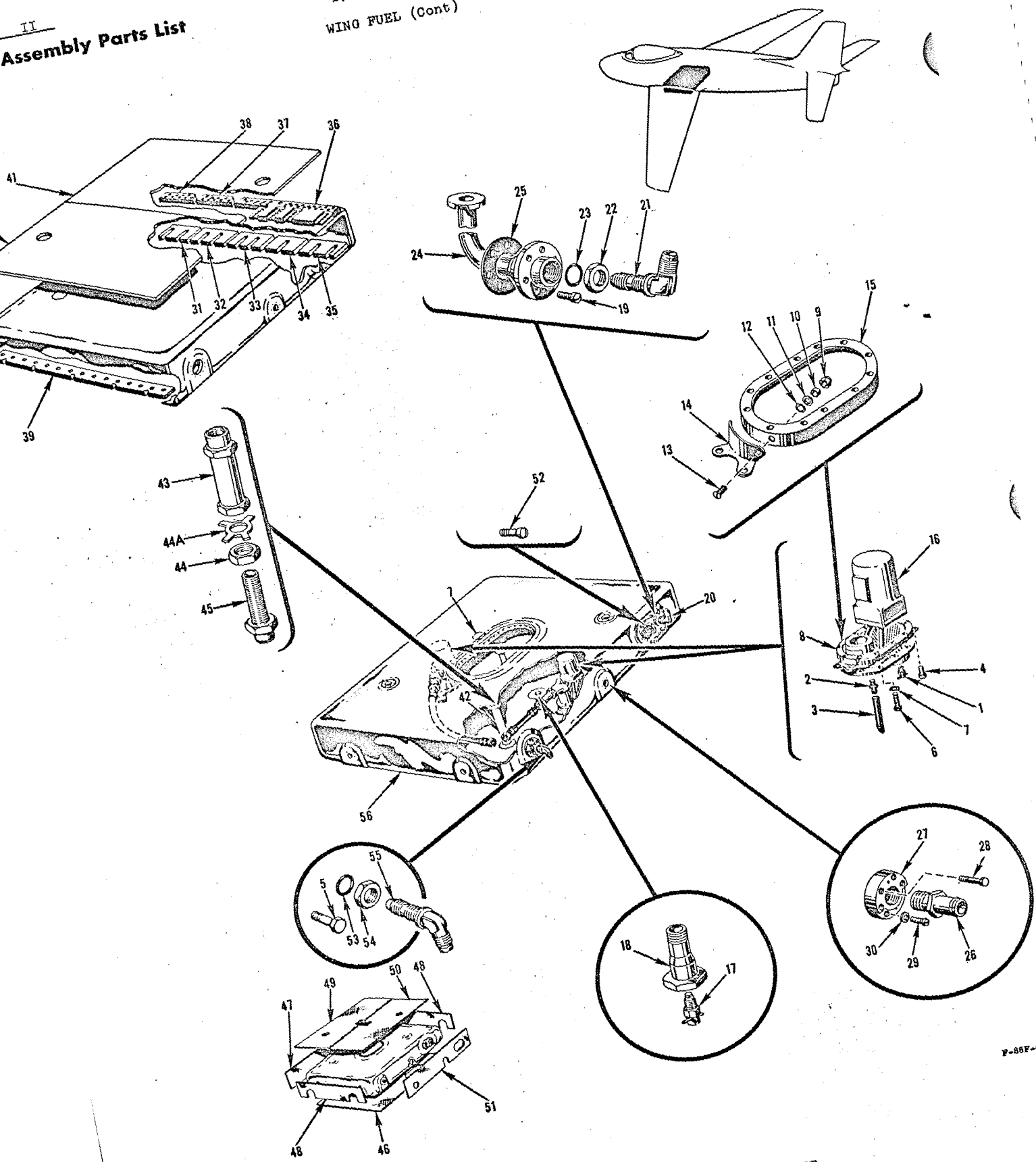


FIGURE 38 - CENTER WING FUEL SYSTEM EQUIPMENT

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
38	172-48013	FUEL SYSTEM EQUIPMENT INSTALLATION, Center wing (see figure 6 for next assembly)	NP	
-1	CCA4850	. DRAINCOCK, (aft) (Curtis Auto.)	1	
	CCA4850	. DRAINCOCK, (fwd) (Curtis Auto.)	1	
-2	AN840-4	. ADAPTER	2	
-3	140-48804-7	. LINE, Center wing cell booster pump seal drain forward	1	
	140-48804-5	. LINE, Center wing cell booster pump seal drain aft	1	
-4	NAS221-12	. SCREW, Brazier head Phillips recess alloy steel 10-32	8	
-5	AN4H4	. BOLT	2	
-6	AN76A43	. BOLT	2	
-7	SS84143	. PLUG BUTTON, (United-Carr)	4	
-8	151-48181	. ADAPTER ASSY, Center wing fuel cell booster pump	2	
-9	AN365-832	. . NUT	4	
-10	NAS43DD3-8	. . SPACER, Screw	4	
-11	2W1AL11-14-64	. . WASHER, Plain (North American)	4	
-12	MS29513-7	. . PACKING	4	
-13	AN509-8-11	. . SCREW	4	
-14	151-48179	. . BRACKET, Center wing fuel cell booster pump adapter sup.	2	
-15	151-48064-11	. . ADAPTER, Center wing fuel cell booster pump	1	
-16	TF31400-3	. PUMP ASSY, Submerged booster (Thompson Prod.) (TF12907-1 gasket supplied with pump)	2	
-17	CCA4900	. DRAINCOCK, (Curtis Auto.) (use CCA1500 until exh)	1	
-18	151-48129-11	. ADAPTER, Center wing fuel cell sump drain extension	1	
-19	AN502-10-8	. SCREW	6	
-20	172-48184	. ADAPTER ASSY, Center wing fuel cell vent line complete	1	
-21	AN833-10D	. . ELBOW	1	
-22	AN924-10D	. . NUT	1	
-23	MS29512-10	. . PACKING	1	
-24	172-48183	. . ADAPTER ASSY, Center wing fuel cell vent line	1	
-25	172-48010	. GASKET, Center wing fuel cell vent line adapter (use 151-51071 until exh)	1	
-26	AN840-16	. ADAPTER	1	
-27	140-48042	. ADAPTER, Rear fus cell to center wing cell transfer line	1	
	ATTACHING PARTS			
-28	AN4H13	. BOLT	6	
-29	AN501-10-10	. SCREW	2	
-30	AN960D10L	. WASHER	2	
	---*---			
-31	151-48128-3	. BLOCK, Center wing fuel cell outboard lower RH support	1	
-32	151-48128-5	. BLOCK, Center wing fuel cell outboard lower RH support	1	
-33	151-48128-7	. BLOCK, Center wing fuel cell outboard lower RH support	1	
-34	151-48128-9	. BLOCK, Center wing fuel cell outboard lower RH support	1	
-35	151-48128-11	. BLOCK, Center wing fuel cell outboard lower RH support	1	
-36	151-48100-3	. BLOCK, Forward fuselage fuel cell lower surface support	2	
-37	151-48100-5	. BLOCK, Forward fuselage fuel cell lower surface support	2	
-38	151-48100-7	. BLOCK, Forward fuselage fuel cell lower surface support	2	
-39	151-48127	. BLOCK, Center wing fuel cell outboard lower LH support	1	
-40	151-48042-3	. LINER, Forward fuselage fuel cell lower	1	
-41	151-48042-4	. LINER, Forward fuselage fuel cell lower	1	
-42	151-13046	. TUBE ASSY, Wing center section fuel cell compression	1	
-43	151-13044	. . TUBE, Wing center section fuel cell compression upper	1	
-44	AN316-14R	. . NUT	1	
-44A	2W11-14	. . WASHER, Tab lock (North American)	1	
-45	151-13045	. . TUBE, Wing center section fuel cell compression lower	1	
	151-48019	. LINER INSTALLATION, Center wing fuel cell	NP	
-46	151-48012-111	. . LINER ASSY, Center wing fuel cell lower complete (use 151-48012-51 until exh)	1	
-47	151-48016	. . LINER, Center wing fuel cell front	1	
-48	151-48015	. . LINER, Center wing fuel cell outboard	2	
	151-48011-11	. . LINER ASSEMBLY, Center wing fuel cell upper	1	
-49	151-48011-7	. . . LINER, Center wing fuel cell upper	1	
-50	151-48011-9	. . . LINER, Center wing fuel cell upper	1	
-51	151-48017	. . LINER, Center wing fuel cell rear	1	
-52	AN502-416-24	. SCREW	4	
-53	MS29512-20	. PACKING	1	
-54	AN924-20D	. NUT	1	
-55	AN837-20D	. ELBOW	1	
-56	172-48022	. CELL ASSY, Center wing fuel complete (see fig. 45 for breakdown)	1	

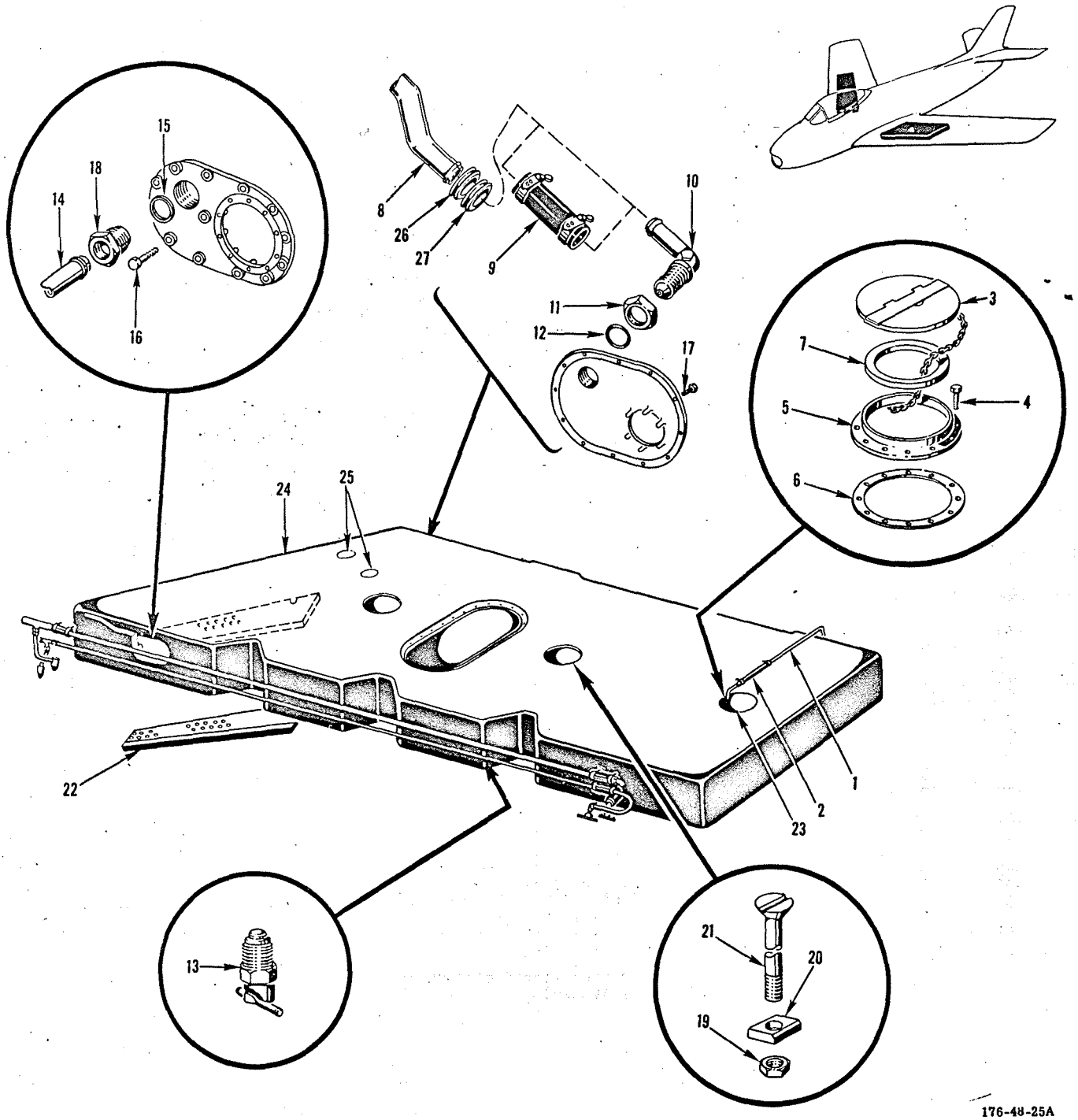


FIGURE 39 - OUTER WING FUEL SYSTEM EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
39	172-48014-51	FUEL SYSTEM EQUIP. INSTL, Wing LH (see fig. 8 for next assy) . .	NP	
	172-48014-52	FUEL SYSTEM EQUIP. INST., Wing RH (see fig. 8 for next assy) . .	NP	
	172-48202-51	. FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank . . . . . wing LH (see figure 40 for breakdown)	NP	A
	172-48202-52	. FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank . . . . . wing RH (see figure 40 for breakdown)	NP	A
	172-48202-101	. FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank . . . . . wing LH (see figure 40 for breakdown)	NP	B
	172-48202-102	. FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank . . . . . wing RH (see figure 40 for breakdown)	NP	B
	176-48202-1	. FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank . . . . . wing LH (see figure 41 for breakdown)	NP	C,*2
	176-48202-2	. FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank . . . . . wing RH (see figure 41 for breakdown)	NP	C,*2
	193-48202-1	. FUEL AND PRESSURE EQUIPMENT INSTALLATION, Extended wing LE . drop tank LH (see fig. 41 for breakdown)	NP	D,*1
	193-48202-2	. FUEL AND PRESSURE EQUIPMENT INSTALLATION, Extended wing LE . drop tank RH (see fig. 41 for breakdown)	NP	D,*1
-1	172-48814-57	. LINE, Outer wing fuel cell filler scupper cup LH drain . . .	1	E
	172-48814-215	. LINE, Outer wing fuel cell filler scupper cup LH drain . . .	1	F
	172-48814-58	. LINE, Outer wing fuel cell filler scupper cup RH drain . . .	1	
-2	172-48814-216	. LINE, Outer wing fuel cell filler scupper drain connector . . (use 172-48814-59 until exh)	1	
-3	202-48142	. CAP ASSY, Fuel cells filler (altered from 39B5435) (use . . . 151-48142-41 until exh)	1	
-4	AN74-5	. BOLT	12	
	AN960D416	. WASHER	12	
-5	170-48125-11	. ADAPTER ASSY, Wing fuel cell filler cap (altered from . . . . Universal Metal 20071) (use 170-48125 until exh)	1	
-6	117-48142-11	. GASKET, Wing fuel cell filler adapter	1	
-7	151-48193	. RING, Outer wing fuel cell filler scupper cup	1	
-8	172-48810	. LINE ASSY, LH outer wing fuel cell to wheel well vent	1	
	172-48814-212	. LINE, Outer wing cell rear fuel vent interconnector RH . . .	1	
-9	3H2-16-15	. HOSE, (North American)	1	
	AN737-46	. CLAMP	2	
-10	AN839-16D	. ELBOW	1	
-11	AN924-16D	. NUT	1	
-12	934-111	. PACKING	1	
-13	CCA4900	. DRAIN VALVE, (Curtis Auto.) (use CCA1500 until exh)	1	
-14	172-48873	. LINE, Outer wing fuel cell to hose climb vent LH	1	
	172-48862	. LINE, Outer wing fuel cell vent to hose climb vent RH	1	
-15	44A13841	. RING, Auxiliary fuel tank fitting packing	1	
-16	AN4H11A	. BOLT	2	
	AN960D416	. WASHER	2	
-17	AN4H12A	. BOLT	2	
	2W1AL17-34-64	. WASHER, Plain (North American)	2	
-18	172-48116	. NUT, Outer wing fuel cell vent line gland	1	
-19	AN365-720	. NUT	1	
-20	140-14218	. PAD, Wing outer panel fuel cell support lower	1	
-21	140-14222	. BOLT, Wing outer panel fuel cell tension tie	1	
-22	151-48180-1	. BLOCK, Outer wing fuel cell inboard lower support LH	1	G
	151-48180-2	. BLOCK, Outer wing fuel cell inboard lower support RH	1	G
	227-48180-1	. BLOCK, Outer wing fuel cell inboard lower support LH	1	H
	227-48180-2	. BLOCK, Outer wing fuel cell inboard lower support RH	1	H
	227-48181-1	. BLOCK, Fuel cell bay WOP inboard lower support LH . . . . . (when exh use 227-48181-11)	1	J
	227-48181-2	. BLOCK, Fuel cell bay WOP inboard lower support RH . . . . . (when exh use 227-48181-12)	1	J
	227-48181-11	. BLOCK, Fuel cell bay WOP inboard lower support LH . . . . . (use 227-48181-1 until exh)	1	J
	227-48181-12	. BLOCK, Fuel cell bay WOP inboard lower support RH . . . . . (use 227-48181-2 until exh)	1	J
-23	151-14013-1	. SEAL INSTL, WOP LH (see fig. 50 for breakdown)	NP	
	151-14013-2	. SEAL INSTL, WOP RH (see fig. 50 for breakdown)	NP	
-24	172-48023-11	. CELL ASSY, WOP fuel complete LH (see fig. 46 for breakdown) .	1	
	172-48023-12	. CELL ASSY, WOP fuel complete RH (see fig. 46 for breakdown) .	1	
-25	151-48018-1	. FUEL CELL LINER INSTL, WOP LH((see fig. 50 for breakdown) . .	NP	
	151-48018-2	. FUEL CELL LINER INSTL, WOP RH (see fig. 50 for breakdown) . .	NP	
-26	AN931-16-22	. GROMMET	1	
-27	AN931-16-22	. GROMMET, (RH only)	1	

*1 Parts marked thus are also used on airplanes 51-13170 thru 53-1227 that have been modified per T. O. 1F-86F-516
*2 Refer to T. O. 1F-86F-516

USEABLE ON CODE:
A 51-2850 thru 51-2927
B 51-2928 thru 51-13169
C 51-13170 thru 51-13340, 52-4305 thru 52-4504
D 51-13341 thru 51-13510, 52-4505 and subs
E 51-2850 thru 52-13510, 52-4305 thru 52-5163, 52-5272 thru 52-5530
F 52-5164 thru 52-5271, 53-1072 thru 53-1228
G 51-2850 thru 53-1228
H 55-3816 thru 55-3875
J 55-3876 and subs

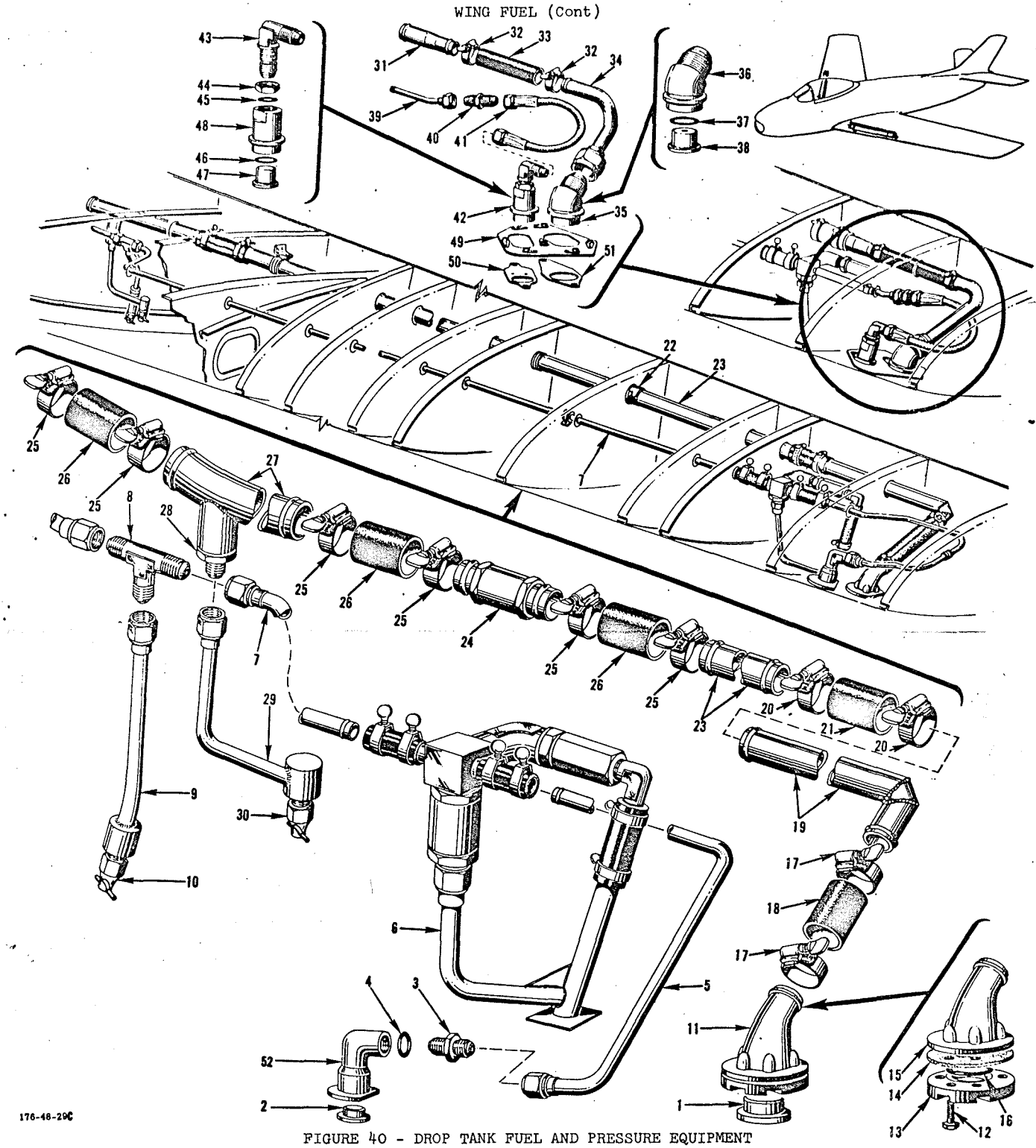


FIGURE 40 - DROP TANK FUEL AND PRESSURE EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
40	172-48202-51	FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank wing LH . . (see figure 39 for next assembly)	NP	B
	172-48202-52	FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank wing RH . . (see figure 39 for next assembly)	NP	B
	172-48202-101	FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank wing LH . . (see figure 39 for next assembly)	NP	D,G
	172-48202-102	FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank wing RH . . (see figure 39 for next assembly)	NP	D,G
-1	161-48273	. PLUG, Drop fuel tank fuel disconnect	1	B
-2	161-48274-11	. PLUG, Drop fuel tank airline disconnect	1	B

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
40-3	AN815-6D	UNION	1	B
-4	934-89	PACKING	1	B
-5	172-48814-19	LINE ASSY, Drop tank press. relief valve to drop tank elbow LH	1	B
	172-48814-20	LINE ASSY, Drop tank press. relief valve to drop tank elbow RH	1	B
-6	172-48207-1	VALVE ASSY, Drop tank press. and thermal relief LH (see fig. 48)	1	F,C
	172-48207-2	VALVE ASSY, Drop tank press. and thermal relief RH (see fig. 48)	1	F,C
	172-48208-1	VALVE ASSY, Drop tank press. & thermal relief LH (see fig. 48)	1	E
	172-48208-2	VALVE ASSY, Drop tank press. & thermal relief RH (see fig. 48)	1	E
-7	172-48814-3	LINE ASSY, Drop tank press. tee to press. relief valve	1	B,D,C
	172-48814-23	LINE ASSY, Drop tank press. tee to hose 1st section	1	E
	172-48814-72	LINE, Drop tank hose to press. tee to relief valve 2nd sect. LH	1	G
	172-48814-73	LINE, Drop tank hose to press. tee to relief valve 2nd sect. RH	1	G
	3H2-6-15	HOSE, (North American)	1	G
	AN737TW26	CLAMP	2	G
-8	AN824-6D	TEE	1	A
-9	172-48807	LINE ASSY, Drop fuel tank air pressure drain	1	A
-10	CCA4850	. DRAINCOCK, (Curtis Auto.) (use CCA1450 untl exh)	1	A
-11	172-48211	FITTING ASSY, Drop tank fuel line disconnect complete	1	B
-12	AN4-6A	. BOLT	5	B
-13	172-48299	. ADAPTER ASSY, Drop fuel tank fuel line disconnect	1	B
	RL28SB8	. . RING, (Rosan)	4	B
	RD206SH6.5L	. . INSERT, (Rosan)	4	B
-14	172-48209	. GASKET, Drop tank fuel line disconnect fitting	1	B
-15	172-48210	. FITTING ASSY, Drop tank fuel line disconnect	1	B
	RD206SH6.5L	. . INSERT, (Rosan)	5	B
	RL28SB8	. . RING, (Rosan)	5	B
-16	934-19	. PACKING	1	B
-17	AN737TW56	CLAMP	2	B
-18	2H2-20-15	HOSE, (North American)	1	B
-19	172-48820	LINE ASSY, Drop tank fuel line fitting to wing LE sta 98	1	B
-20	AN737TW56	CLAMP	2	A
-21	3H2-20-15	HOSE, (North American)	1	A
-22	172-48204	FAIRLEAD, Drop fuel tank fuel line	4	A
-23	172-48814-69	LINE, Drop fuel tank wing station 100 to check valve	1	A
-24	8-3044-75	VALVE ASSY, No. 20 swing type check (Parker Aircraft)	1	A
-25	AN737TW56	CLAMP	6	A
-26	3H2-20-15	HOSE, (North American)	3	A
-27	172-48811-1	LINE ASSY, Drop fuel tank to fwd fus cell 3rd section LH	1	A
	172-48811-2	LINE ASSY, Drop fuel tank to fwd fus cell 3rd section RH	1	A
-28	AN815-6D	. UNION	1	A
	934-89	. PACKING	1	A
-29	172-48808	LINE ASSY, Drop fuel tank fuel line drain	1	A
-30	CCA4850	. DRAINCOCK, (Curtis Auto.) (use CCA1450 untl exh)	1	A
-31	172-48822	LINE, Drop fuel tank wing leading edge sta 100 to sta 106	1	A
-32	AN737TW46	CLAMP	2	A
-33	3H2-16-41	HOSE, (North American)	1	A
-34	172-48814-42	LINE ASSY, Drop fuel tank breakaway fitting to hose fuel	1	A
-35	172-48228	FITTING ASSY, Drop fuel tank fuel line disconnect	1	A
-36	172-48222	. FITTING, Drop fuel tank fuel line disconnect	1	A
-37	934-19	. PACKING	1	A
-38	172-48214	. PLUG, Fuel drop tank fuel line disconnect fitting	1	A
-39	172-48814-41	LINE ASSY, Drop fuel tank relief valve to flex hose air	1	A
-40	AN815-6D	UNION	1	A
-41	AN6264-6D13	HOSE ASSY, Detachable end fitting type swivel fittings medium high pressure fuel	1	A
-42	172-48229	FITTING ASSY, Drop fuel tank airline disconnect	1	A
-43	AN833-6D	. ELBOW	1	A
-44	AN924-6D	. NUT	1	A
-45	934-89	. PACKING	1	A
-46	191-48015	. SEAL, Drop fuel tank airline disconnect	1	A
-47	172-48215	. PLUG, Fuel drop tank airline disconnect	1	A
-48	172-48223	. FITTING, Fuel drop tank airline disconnect	1	A
	172-48216-1	PLATE ASSY, Drop fuel tank fuel and airline disconnect retainer LH	1	A
	172-48216-2	PLATE ASSY, Drop fuel tank fuel and airline disconnect retainer RH	1	A
-49	172-48216-3	. PLATE, Drop fuel tank fuel and airline disconnect retainer	1	A
-50	172-48226	PLATE ASSY, Drop fuel tank airline disconnect fitting retainer	1	D,G
-51	172-48225-1	PLATE, Drop fuel tank fuel line disconnect fitting retainer LH	1	D,G
	172-48225-2	PLATE, Drop fuel tank fuel line disconnect fitting retainer RH	1	D,G
-52	172-48270	FITTING, Drop fuel tank airline disconnect (see fig. 28)	Ref	

USEABLE ON CODE:

A	51-2850 thru 51-13169	E	51-12970 thru 51-12976
B	51-2850 thru 51-2927		51-13090 thru 51-13169
C	51-13070 thru 51-13089	F	51-2850 thru 51-12969
D	51-2928 thru 51-2943	G	51-12936 thru 51-13169

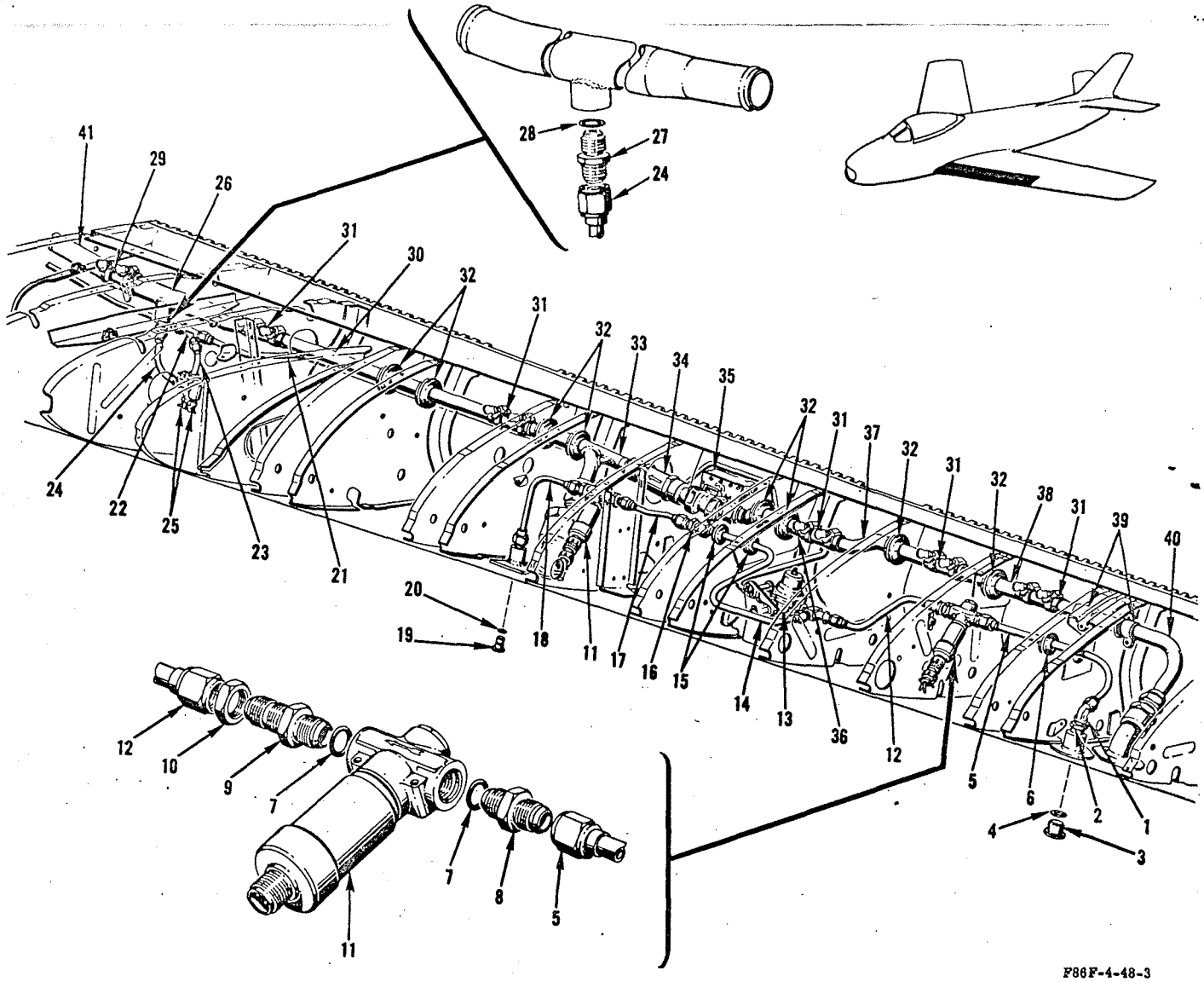


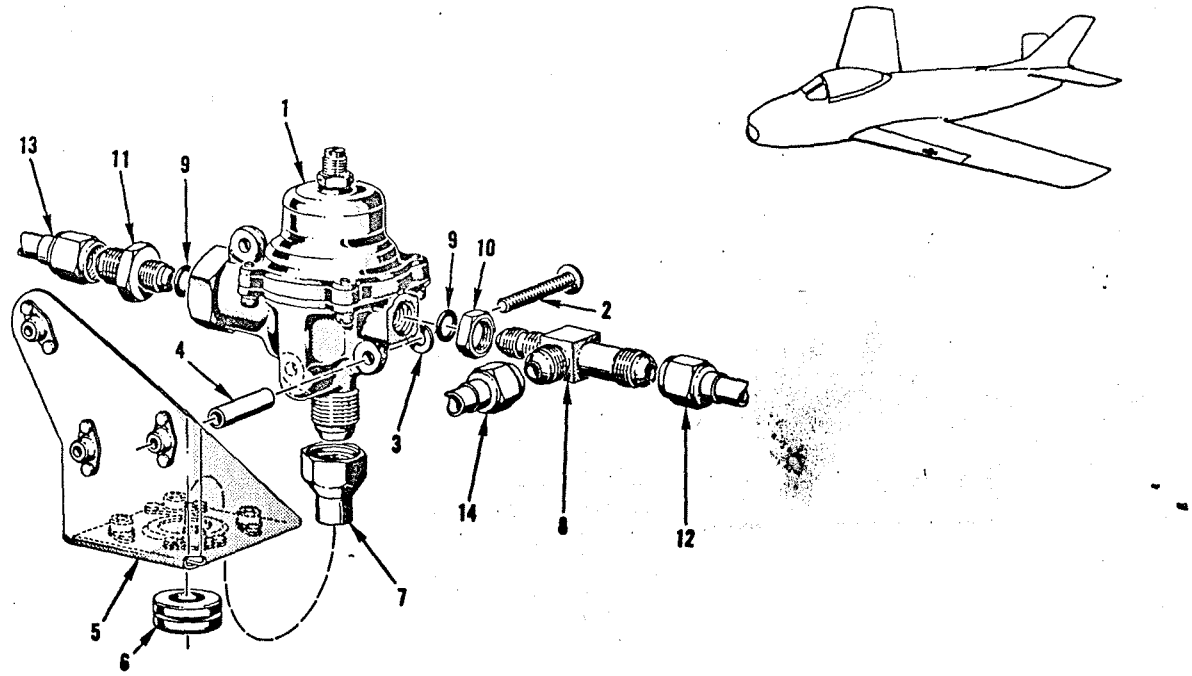
FIGURE 41 - DROP TANK FUEL AND PRESSURE EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
41	176-48202-1	FUEL AND PRESSURE EQUIPMENT INSTL, Drop tank wing LH . . . . . (see figure 39 for next assembly)	NP	A,*2
	176-48202-2	FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank wing RH . . (see figure 39 for next assembly)	NP	A,*2
	193-48202-1	FUEL AND PRESSURE EQUIPMENT INSTALLATION, Extended wing . . . . leading edge drop tank (see figure 39)	NP	B,*3
	193-48202-2	FUEL AND PRESSURE EQUIPMENT INSTALLATION, Extended wing . . . . leading edge drop tank (see figure 39)	NP	B,*3
-1	AN837-6D	. ELBOW	1	E
-2	AN924-6D	. NUT	1	E
	MS29513-210	. PACKING, "O" ring hydrocarbon fuel resistant	1	E
-3	161-48274-11	. PLUG, Drop tank fuel air line disconnect (use 161-48274 untl. exh)	1	E
-4	MS29512-6	. PACKING, Fuel resistant straight thread tube fitting boss . .	2	E
-5	172-48814-32	. LINE ASSY, Drop fuel tank BP118 air shut-off valve to . . . . BP118 disconnect fitting	1	A,*2
	172-48814-49	. LINE ASSY, Drop fuel tank BP118 air shut-off valve to . . . . BP118 disconnect fitting	1	B,*3
-6	AN931-6S16	. GROMMET	1	E
-7	MS29512-6	. PACKING, Fuel resistant straight thread tube fitting boss . .	3	E
-8	AN815-6D	. UNION	2	E
-9	AN832-6D	. UNION	2	E
-10	AN924-6	. NUT	2	E
-11	AV2B1354	. VALVE ASSY, (General Controls) (intrch wth V8600 Valcor) . .	2	E
-12	172-48814-30	. LINE ASSY, Drop fuel tank air reg to BP118 shut-off valve . .	1	A,*2
	172-48814-48	. LINE ASSY, Drop fuel tank air reg to BP118 shut-off valve . .	1	B,*3
-13	176-48226-1	. VALVE ASSY, Fuel drop tank air regulator LH (see figure 42 . for breakdown)	1	A,*2

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
41	176-48226-2	.	VALVE ASSY, Fuel drop tank air regulator RH (see figure 42 for breakdown)	1	A,*2
	176-48226-11	.	VALVE ASSY, Fuel drop tank air regulator LH (see figure 42 for breakdown)	1	B,*3
	176-48226-12	.	VALVE ASSY, Fuel drop tank air regulator RH (see figure 42 for breakdown)	1	B,*3
-14	172-48814-27	.	LINE ASSY, Drop fuel tank air reg to LE sta 94 union LH	1	E
	172-48814-37	.	LINE ASSY, Drop fuel tank air reg to LE sta 94 union RH	1	A,*2
	172-48814-46	.	LINE ASSY, Drop fuel tank air reg to LE sta 94 union	2	B,*3
-15	AN931-6S16	.	GROMMET	2	E
-16	AN815-6D	.	UNION	1	E
-17	172-48814-28	.	LINE ASSY, Drop fuel tank air line leading edge sta 94 union to BP72 1/4 shut-off valve	1	E
-18	172-48814-29	.	LINE ASSY, Drop fuel tank BP72 1/4 air shut-off valve to BP72 1/4 disconnect fitting	1	A,*2
	172-48814-47	.	LINE ASSY, Drop fuel tank BP72 1/4 air shut-off valve to BP72 1/4 disconnect fitting	1	B,*3
-19	176-48224	.	PLUG, Drop fuel tank air line BP72 1/4 disconnect fitting	1	E
-20	MS29513-12	.	PACKING, "O" ring hydrocarbon fuel resistant	1	E
-21	172-48814-26	.	LINE ASSY, Drop fuel tank air drain tee to air reg LH	1	A,*2
	172-48814-45	.	LINE ASSY, Drop fuel tank air drain tee to air reg LH	1	C,*1
	172-48814-36	.	LINE ASSY, Drop fuel tank air drain tee to air reg RH	1	A,*2
	172-48814-50	.	LINE ASSY, Drop fuel tank air drain tee to air reg RH	1	C,*1
	172-48817-118	.	LINES, Wing fuel system	1	C,D,*3
	172-48817-119	.	LINES, Wing fuel system	1	C,D,*3
	AN832-6D	.	UNION	1	C,D,*3
	AN924-6D	.	NUT	1	C,D,*3
-22	AN824-6D	.	TEE	1	E
-23	227-48807	.	LINE ASSY, Drop fuel tank air pressure drain (use 172-48807 untl exh)	1	E
-24	227-48808	.	LINE ASSY, Drop fuel tank fuel line drain (use 172-48808. untl exh)	1	E
-25	CCA4850	. .	DRAINCOCK, (Curtis Auto.)	1	E
-26	176-48806-1	.	LINE ASSY, Drop fuel tank wing sta 46 to 35 fuel	1	E
	176-48806-2	.	LINE ASSY, Drop fuel tank wing sta 46 to 35 fuel RH	1	E
-27	AN815-6D	. .	UNION	1	E
-28	MS29512-6	. .	GASKET, Fuel resistant straight thread tube fitting boss	1	E
-29	3H2-20-15	.	HOSE, (North American)	1	A,*2
	AN737TW56	.	CLAMP	2	A,*2
	AN737TW46	.	CLAMP	2	B,*3
-30	227-48804-1	.	LINE, Fuel drop tank wing leading edge sta 71 to sta 47 (use 172-48814-85 untl exh)	1	E
	227-48804-2	.	LINE, Fuel drop tank wing leading edge sta 71 to sta 47 (use 172-48814-85 untl exh)	1	E
-31	3H2-16-15	.	HOSE, (North American)	5	E
	AN737TW46	.	CLAMP	10	E
-32	AN931A16-22	.	GROMMET	6	E
-33	176-48805-1	.	LINE ASSY, Drop fuel tank BP72 1/4 fuel line disconnect LH.	1	A,*2
	176-48805-2	.	LINE ASSY, Drop fuel tank BP72 1/4 fuel line disconnect RH.	1	A,*2
	193-48805-11	.	LINE ASSY, Drop fuel tank BP72 1/4 fuel line disconnect LH. (use 193-48805-1 untl exh)	1	B,*3
	193-48805-12	.	LINE ASSY, Drop fuel tank BP72 1/4 fuel line disconnect RH. (use 193-48805-2 untl exh)	1	B,*3
-34	1-1045-76	.	VALVE ASSY, Check swing type (Parker Aircraft)	1	E
	MS29512-16	.	GASKET, Fuel resistant straight thread tube fitting boss	1	E
-35	176-48220-11	.	INDICATOR ASSY, Drop fuel tank fuel air LH (use 176-48220-1 untl exh) (see figure 43 for breakdown)	1	E
	176-48220-12	.	INDICATOR ASSY, Drop fuel tank fuel air RH (use 176-48220-2 untl exh) (see figure 43 for breakdown)	1	E
-36	172-48814-34	.	LINE ASSY, Drop fuel tank leading edge sta 103 to fuel air indicator fuel	1	E
-37	172-48814-94	.	LINE, Drop fuel tank LE sta 122 1/2 to LE sta 113 1/2 fuel	1	E
-38	172-48814-83	.	LINE, Drop fuel tank LE sta 122 1/2 to sta 113 1/2 fuel	1	E
-39	176-48215	.	FAIRLEAD, Fuel drop tank line	2	E
-40	172-48814-43	.	LINE ASSY, Drop fuel tank BP118 fuel disconnect fitting to leading edge station 123 1/2	1	A,*2
	172-48814-104	.	LINE ASSY, Drop fuel tank BP118 fuel disconnect fitting to leading edge station 123 1/2 RH	1	B,*3
	172-48814-125	.	LINE ASSY, Drop fuel tank BP118 fuel disconnect fitting to leading edge station 123 1/2 LH	1	B,*3
-41	172-48831-320	.	LINE ASSY, Drop tank to forward fuselage cell 3rd section LH fuel (see figure 460)	Ref	

*1 Use 172-48814-45 or 172-48814-50 untl exh on airplanes noted then use 172-48814-118 together with 172-48814-119, AN832-6D & AN924-6D
*2 Refer to T. O. 1F-86F-516
*3 Parts marked thus are also used on airplanes 51-13170 thru 53-1227 that have been modified per T. O. 1F-86F-516

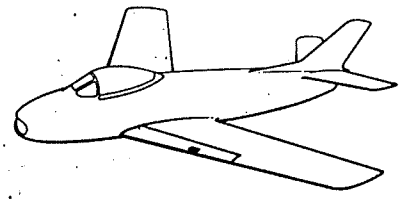
USEABLE ON CODE: A 51-13170 thru 51-13340, 52-4305 thru 52-4504
B 51-13341 thru 51-13510, 52-4505 and subs
C 51-13341 thru 51-13510 52-4505 thru 53-1228
D 55-3816 and subs
E 51-13170 and subs

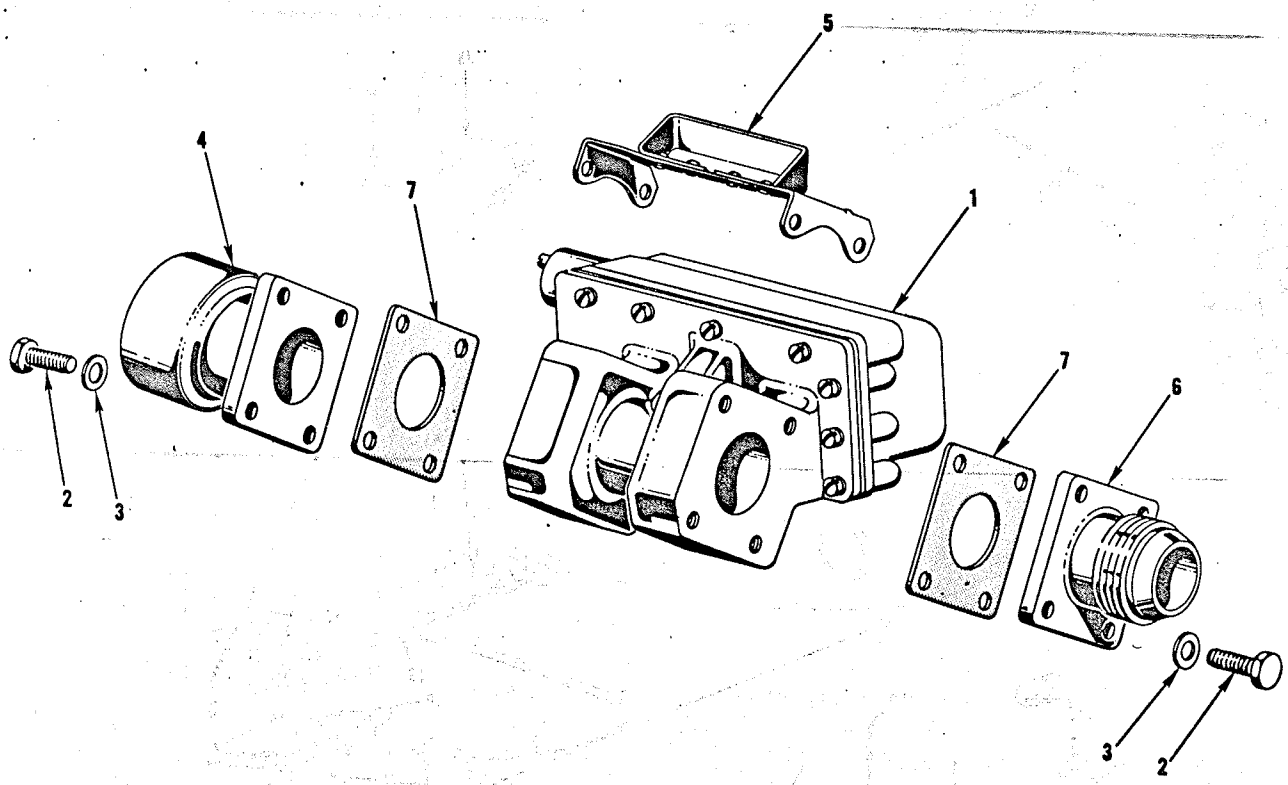


F86F-4-48-4

FIGURE 42 - DROP FUEL TANK AIR REGULATOR VALVE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
42	176-48226-1	VALVE ASSY, Fuel drop tank air regulator LH (see figure 41 for next assembly)	Ref	A
	176-48226-2	VALVE ASSY, Fuel drop tank air regulator RH (see figure 41 for next assembly)	Ref	A
	176-48226-11	VALVE ASSY, Fuel drop tank air regulator LH (see figure 41 for next assembly)	Ref	B
	176-48226-12	VALVE ASSY, Fuel drop tank air regulator RH (see figure 41 for next assembly)	Ref	B
-1	1354-526177	. REGULATOR, Air pressure relief (Parker Aircraft) (North American Spec 50-195)	1	A,B
-2	AN520-10R32	. SCREW	3	A,B
-3	2W18-10	. WASHER, Flat (North American)	3	A,B
-4	NAS43DD3-90	. SPACER, Screw and bolt	3	A,B
-5	176-48218-1	. BRACKET ASSY, Fuel drop tank air regulator LH	1	A
	176-48218-2	. BRACKET ASSY, Fuel drop tank air regulator RH	1	A
	176-48218-31	. BRACKET ASSY, Fuel drop tank air regulator LH (use 176-48218-11 until exh)	1	B
	176-48218-32	. BRACKET ASSY, Fuel drop tank air regulator RH (use 176-48218-12 until exh)	1	B
-6	AN931-8-13	. . GROMMET	1	A,B
-7	172-48814-109	. FITTING, Fuel drop tank air regulator drain (use 176-48227 until exh)	1	A,B
-8	176-48217	. FITTING, Fuel drop tank air regulator outlet tee	1	A,B
-9	MS29512-4	. GASKET, Fuel resistant straight thread tube fitting boss	2	A,B
-10	AN924-4D	. NUT	1	A,B
-11	AN919-6D	. REDUCER	1	A,B
-12	172-48814-30	LINE ASSY, Drop fuel tank air regulator to BP118 shut-off valve (see figure 41)	Ref	A
	172-48814-48	LINE ASSY, Drop fuel tank air regulator to BP118 shut-off valve (see figure 41)	Ref	B
-13	172-48814-26	LINE ASSY, Drop fuel tank air drain tee to air regulator LH (see figure 41)	Ref	A
	172-48814-45	LINE ASSY, Drop fuel tank air drain tee to air regulator LH (see figure 41)	Ref	B
	172-48814-36	LINE ASSY, Drop fuel tank air drain tee to air regulator RH (see figure 41)	Ref	A
	172-48814-50	LINE ASSY, Drop fuel tank air drain tee to air regulator RH (see figure 41)	Ref	B
-14	172-48814-27	LINE ASSY, Drop fuel tank air regulator to LE station 94 union LH (see figure 41)	Ref	A,B
	172-48814-37	LINE ASSY, Drop fuel tank air regulator to LE station 94 union RH (see figure 41)	Ref	A
	172-48814-46	LINE ASSY, Drop fuel tank air regulator to LE station 94 union RH (see figure 41)	Ref	B
	USEABLE ON CODE:	A 51-13170 thru 51-13340, 52-4305 thru 52-4504 B 51-13341 thru 51-13510, 52-4505 and subs		





F86F-4-48-5

FIGURE 43 - DROP FUEL TANK FUEL AIR INDICATOR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
43	176-48220-11	INDICATOR ASSY, Drop fuel tank fuel air LH (use 176-48220-1 untl exh) (see fig. 41 for next assembly)	Ref	A
	176-48220-12	INDICATOR ASSY, Drop fuel tank fuel air RH (use 176-48220-2 untl exh) (see fig. 41 for next assembly)	Ref	A
-1	F7097	. VALVE ASSY, Fuel air indicator (Revere) (North American Spec 187-948018) (used on 176-48220-1 & -2 only)	1	A
	F21110	. VALVE ASSY, Fuel air indicator (Revere) (North American Spec 192-948054) (used on 176-48220-11 & -12 only)	1	A
-2	AN3H5A	. BOLT	8	A
-3	AN960D10L	. WASHER	8	A
-4	176-48214-1	. FITTING, Drop tank fuel air indicator outlet LH	1	A
	176-48214-2	. FITTING, Drop tank fuel air indicator outlet RH	1	A
-5	176-48221	. BRACKET ASSY, Drop fuel tank fuel air indicator	1	A
-6	AN760D16	. CONNECTOR	1	A
-7	4G2-16	. GASKET, Swivel fitting flanged (North American)	2	A

USEABLE ON CODE: A 51-13170 and subs

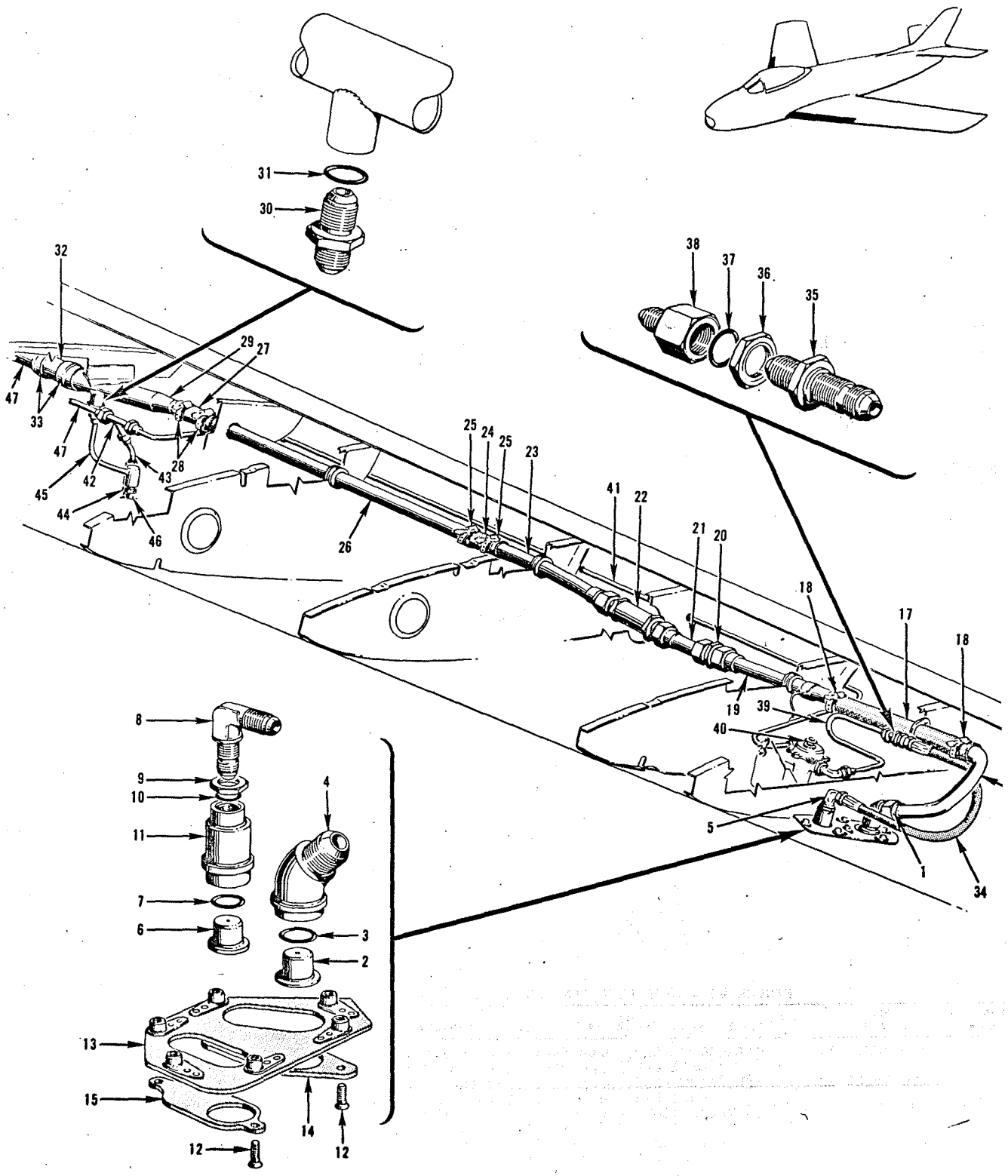


FIGURE 44 - EXTENDED WING LEADING EDGE DROP TANK BP99 1/2 FUEL AND PRESSURE EQUIPMENT

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
44	172-48402-1	FUEL AND PRESSURE EQUIPMENT INSTALLATION, Extended wing leading edge drop tank BP99 1/2 LH (see figure 23 for next assembly)	NP	*1
	172-48402-2	FUEL AND PRESSURE EQUIPMENT INSTALLATION, Extended wing leading edge drop tank BP99 1/2 RH (see figure 23 for next assembly)	NP	*1
-1	172-48228	. FITTING ASSY, Drop fuel tank fuel line disconnect	1	*1
-2	172-48214	. . PLUG, Fuel drop tank fuel line disconnect fitting	1	*1
-3	934-19	. . PACKING, "O" ring gasoline or kerosene resistant	1	*1
-4	172-48222	. . FITTING, Drop fuel tank fuel line disconnect	1	*1
-5	172-48229	. FITTING ASSY, Drop fuel tank air line disconnect	1	*1
-6	172-48215	. . PLUG, Fuel drop tank air line disconnect	1	*1
-7	191-48015	. . SEAL, Drop fuel tank air line disconnect	1	*1
-8	AN833-6D	. . ELBOW	1	*1
-9	AN924-6D	. . NUT	1	*1
-10	MS29512-6	. . GASKET	1	*1
-11	172-48223	. . FITTING, Drop fuel tank air line disconnect	1	*1
-12	AN507-1032R18	. SCREW	7	*1
-13	172-48404-1	. PLATE ASSY, Fuel drop tank BP99 1/2 fuel and air disconnect fitting retaining LH	1	*1
	172-48404-2	. PLATE ASSY, Fuel drop tank BP99 1/2 fuel and air disconnect fitting retaining RH	1	*1
-14	172-48405-1	. PLATE, Fuel drop tank fuel line disconnect fitting retaining LH	1	*1
	172-48405-2	. PLATE, Fuel drop tank fuel line disconnect fitting retaining RH	1	*1
-15	172-48406	. PLATE, Fuel drop tank air line disconnect fitting retainer	1	*1
-16	172-48814-105	. LINE ASSY, Drop fuel tank BP99 1/2 extended leading edge fuel fitting to hose LH	1	*1
	172-48814-106	. LINE ASSY, Drop fuel tank BP99 1/2 extended leading edge fuel fitting to hose RH	1	*1
-17	3H2-16-48	. HOSE, (North American)	1	*1
-18	AN737TW46	. CLAMP	2	*1
-19	172-48814-34	. LINE ASSY, Drop fuel tank leading edge station 103 to fuel air indicator fuel	1	*1
-20	AN815-16D	. UNION	1	*1
-21	172-48814-107	. LINE ASSY, Drop fuel tank BP99 1/2 extended leading edge union to check valve	1	*1
-22	1-1045-76	. VALVE ASSY, Swing type size 16 check (Parker Aircraft)	1	*1
-23	172-48814-108	. LINE ASSY, Drop fuel tank BP99 1/2 extended leading edge check valve to hose	1	*1
-24	3H2-16-15	. HOSE, (North American)	1	*1
-25	AN737TW46	. CLAMP	2	*1
-26	172-48814-85	. LINE, Drop fuel tank leading edge station 71 to 47 fuel	1	*1
-27	3H2-16-15	. HOSE, (North American)	1	*1
-28	AN737TW46	. CLAMP	2	*1
-29	176-48806-1	. LINE ASSY, Drop fuel tank wing station 46 to 35 fuel LH	1	*1
	176-48806-2	. LINE ASSY, Drop fuel tank wing station 46 to 35 fuel RH	1	*1
-30	AN815-6D	. . UNION	1	*1
-31	MS29512-6	. . GASKET	1	*1
-32	3H2-20-15	. HOSE, (North American)	1	*1
-33	AN737TW46	. CLAMP	2	*1
-34	MS28741-6-166	. HOSE ASSY	1	*1
-35	AN832-6D	. UNION	1	*1
-36	AN924-6D	. NUT	1	*1
-37	MS29512-6	. GASKET	1	*1
-38	AN894D6-4	. BUSHING	1	*1
-39	172-48814-110	. LINE ASSY, Fuel drop tank BP99 1/2 air pressure regulator to extended wing leading edge station 108.628 LH	1	*1
	172-48814-111	. LINE ASSY, Fuel drop tank BP99 1/2 air pressure regulator to extended wing leading edge station 108.628 RH	1	*1
-40	172-48408-1	. REGULATOR ASSY, Fuel drop tank air pressure LH (see figure 36 for breakdown and attaching parts)	1	*1
	172-48408-2	. REGULATOR ASSY, Fuel drop tank air pressure RH (see figure 36 for breakdown and attaching parts)	1	*1
-41	172-48814-45	. LINE ASSY, Drop fuel tank air drain tee air regulator RH	1	*1
	172-48814-50	. LINE ASSY, Drop fuel tank air drain tee to air regulator RH	1	*1
-42	AN824-6D	. TEE	1	*1
-43	172-48807	. LINE ASSY, Drop fuel tank air pressure drain	1	*1
-44	CCA4850	. . VALVE ASSY, 1/8 pipe drain (Curtis Auto.)	1	*1
-45	172-48808	. LINE ASSY, Drop fuel tank fuel line drain	1	*1
-46	CCA4850	. . VALVE ASSY, 1/8 pipe drain (Curtis Auto.)	1	*1
-47	See figure 408 for continuation of these lines.			

*1 Used on airplanes with 172-14109 extended leading edge installed in accordance with T. O. No. 1F-86-109.

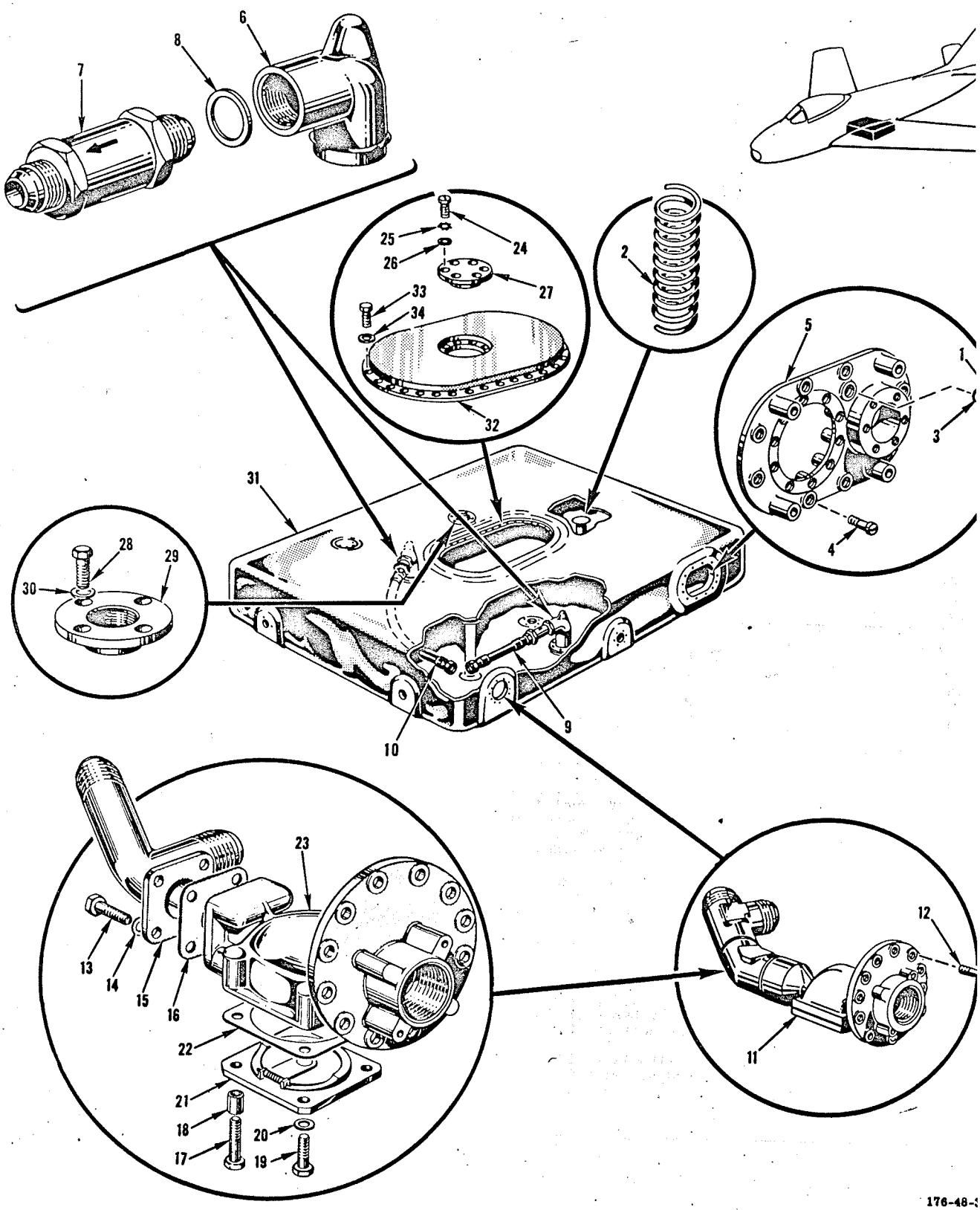


FIGURE 45 - COMPLETE CENTER WING FUEL CELL ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
45	172-48022	CELL ASSEMBLY, Center wing fuel complete (see figure 38 for next assembly)	Ref	
-1	151-51088	. PLUG ASSEMBLY, Fuel level transmitter access (altered from AN814-2)	1	
-2	151-48177-7	. SPRING, Wing fuel cell support post	1	
-3	934-5	. PACKING	1	
-4	AN502-416-10	. SCREW	8	
-5	140-48022-11	. DOOR, Center wing fuel cell rear access	1	
-6	151-48025	. ADAPTER, Fuel booster pump outlet	2	
	3585-6CNX 9/16	. . INSERT, (Heli-coil)	1	
-7	1-1045-76	. VALVE, Swing type check (Parker Aircraft) (intrch wth Koehler K1339-16-1)	2	
-8	MS29512-16	. PACKING	2	
-9	AN6264-16D11 7/8	. HOSE ASSEMBLY	1	
-10	AN6264-16D23	. HOSE ASSEMBLY	1	
-11	172-48028	. VALVE ASSEMBLY, Center wing fuel cell suction feed	1	
	ATTACHING PARTS			
-12	AN4H4A	. BOLT	12	
	---*---			
-13	AN4-5A	. . BOLT	4	
-14	AN960D416L	. . WASHER	4	
-15	172-48027	. . FITTING, Center wing fuel cell suction feed valve	1	
-16	172-48025	. . GASKET, Center wing fuel cell suction feed valve fitting	1	
-17	AN3-7A	. . BOLT	2	
-18	4S3D10-14	. . SPACER, Bolt (North American)	2	
-19	AN3-4A	. . BOLT	2	
-20	AN960D10L	. . WASHER	2	
-21	10-2750-79	. . VALVE ASSEMBLY, Center wing fuel cell suction feed (Parker Aircraft) (North American Spec 172-948011)	1	
-22	172-48026	. . GASKET, Center wing fuel cell suction feed check valve	1	
-23	172-48029	. . BODY ASSY, Center wing fuel cell suction feed valve	1	
	RL24SB7	. . . RING, (Rosan)	4	
	RD206SH6.5L	. . . INSERT, (Rosan)	4	
	RL28SB8	. . . RING, (Rosan)	4	
	RD205SH5.5L	. . . INSERT, (Rosan)	4	
-24	AN501-416-10	. SCREW	12	A
	NAS221-9	. SCREW, Brazier head Phillips recess alloy steel 10-32	12	B
-25	AN936B416B	. WASHER	12	A
	AN935-416	. WASHER	12	B
-26	AN960D416L	. WASHER	12	A
	172-48030	. RING, Outerwing fuel cell support fitting washer	2	B
-27	151-13017	. FITTING, Wing center section fuel cell support	2	
-28	AN4H4A	. BOLT	4	
-29	151-48122	. ADAPTER, Center wing fuel cell sump drain	1	
-30	AN960D416	. WASHER	4	
-31	151-48002-601	. CELL ASSEMBLY, Center wing fuel (use 151-48002-501 and 151-48002-401 until exh)	1	
	172-48112-5	. . SPRING, Compression (supplied with 151-48002-501 cell assembly) (used on 151-48002-401 and 151-48002-501 only)	5	
-32	151-48002-9	. . DOOR ASSEMBLY, Center wing fuel cell access	1	
	ATTACHING PARTS			
-33	AN4H4	. . BOLT	36	
-34	AN960-416L	. . WASHER	36	
	---*---			

USEABLE ON CODE: A 51-2850 thru 51-13129
B 51-13130 and subs

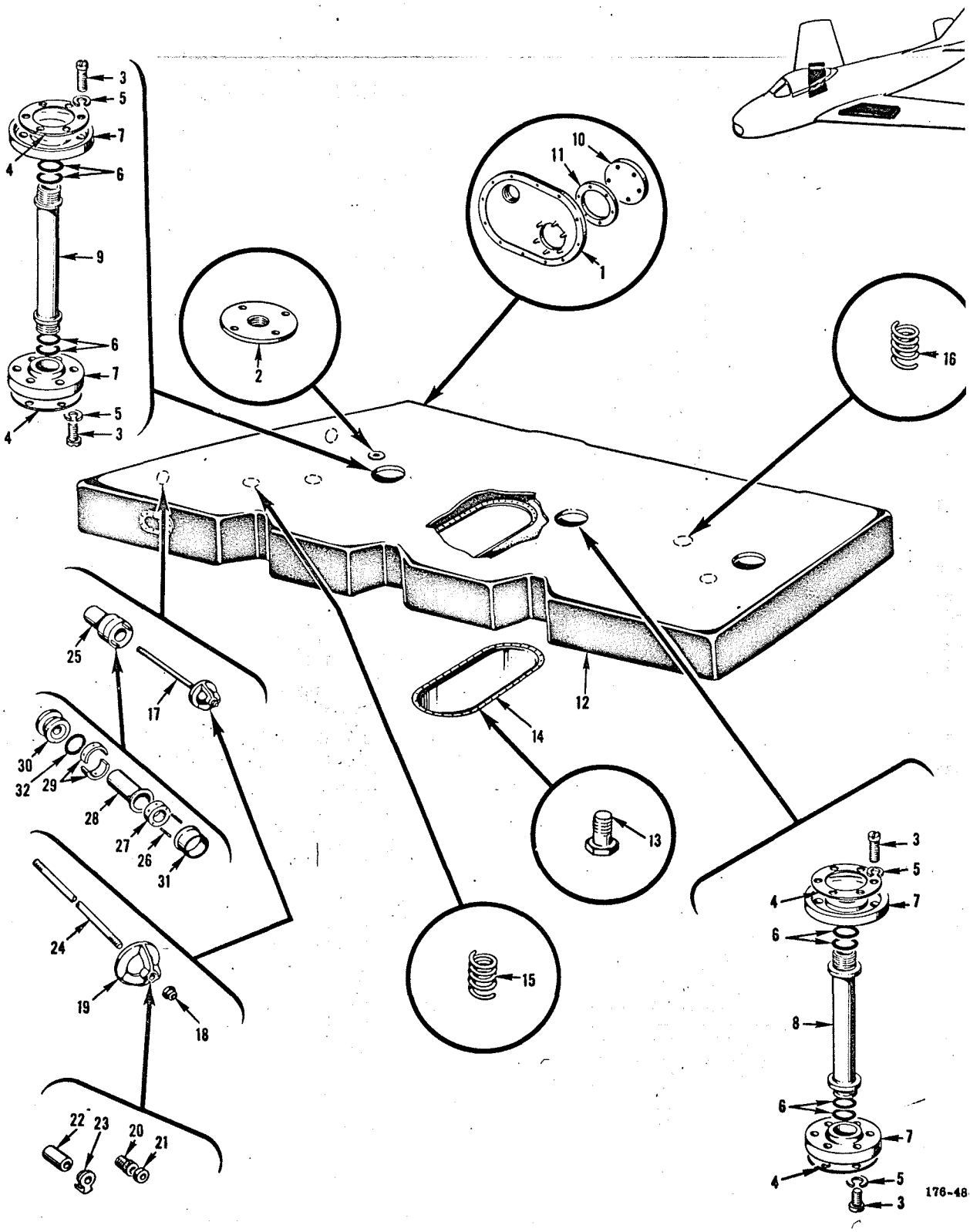
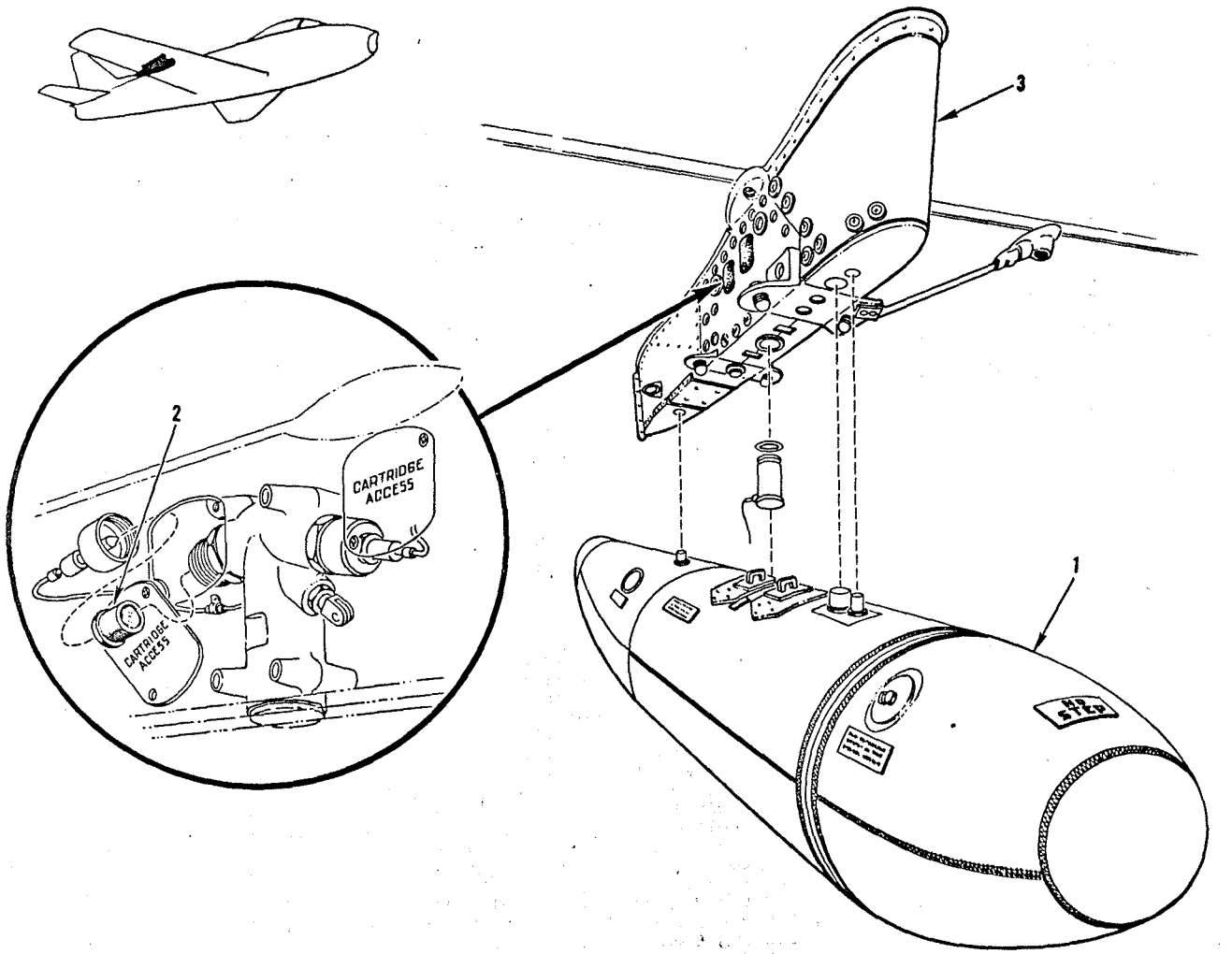


FIGURE 46 - COMPLETE OUTER WING FUEL CELL ASSEMBLY

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
46	172-48023-11	CELL ASSEMBLY, Outer wing fuel complete LH (see figure 39 for next assembly)	Ref	
	172-48023-12	CELL ASSEMBLY, Outer wing fuel complete RH (see figure 39 for next assembly)	Ref	
-1	140-48008	. DOOR, Outer wing fuel cell rear vent attaching and access	1	*3
	172-48108	. ADAPTER, Outer wing fuel cell dive vent	1	*3
-2	151-48122	. ADAPTER, Center wing fuel cell sump drain	1	
	151-48115-1	. ADAPTER, Outer wing fuel cell forward vent and gage LH	1	
	151-48115-2	. ADAPTER, Outer wing fuel cell forward vent and gage RH	1	
-3	NAS222-9	. SCREW, Brazier head Phillips recess alloy steel 1/4-28	24	
-4	172-48030	. RING, Outer wing fuel cell support	4	
-5	AN935-416	. WASHER	24	
-6	MS29513-210	. PACKING	8	
-7	151-14220	. FITTING, Wing outer panel fuel cell support	4	
-8	227-14219-3	. POST, Fuel cell and wing structure compression support (use 140-14219-3 until exh)	1	
-9	227-14219-5	. POST, Fuel cell and wing structure compression support (use 140-14219-5 until exh)	1	
-10	151-51063	. PLATE, Fuel level transmitter door cover (use wth 140-48008 only)	1	*3
-11	172-48010	. GASKET, Center wing fuel cell vent line adapter (use 151-51071 until exh) (used wth 140-48008 only)	1	*3
-12	151-48003-901	. CELL ASSY, Outer wing fuel LH (use 151-48003-401, 151-48003-501, 151-48003-601, 151-48003-701, and 151-48003-801 until exh)	1	
	151-48003-902	. CELL ASSY, Outer wing fuel RH (use 151-48003-402, 151-48003-502, 151-48003-602, 151-48003-702, and 151-48003-802 until exh)	1	
	172-48112-3	. . SPRING, Compression (supplied with 151-48003-801, 151-48003-802, 151-48003-901 and 151-48003-902)	2	
	172-48112-5	. . SPRING, Compression (supplied with 151-48003-801, 151-48003-802, 151-48003-901 and 151-48003-902)	2	
-13	AN4H4A	. . BOLT	36	
-14	151-48003-8	. . DOOR, Outer wing fuel cell	1	
-15	151-48177-3	. SPRING, Wing fuel cell support post	2	
-16	151-48177-5	. SPRING, Wing fuel cell support post	2	
-17	191-48112	. SPIDER ASSY, Fuel cell outer wing to center wing interconnector (use 151-48112 until exh)	2	
	151-48112	. SPIDER ASSY, Wing outer panel to center wing fuel (whn exh use 191-48112)	2	
-18	AN310-5	. . NUT	1	
-19	191-48101	. . SPIDER ASSY, Fuel cell outer wing to center wing interconnector (use 151-48101 until exh)	1	
	151-48101	. . SPIDER ASSY, Outer to center wing fuel cell interconnector (whn exh use 191-48101)	1	
-20	RL33SB9	. . . RING, (Rosan)	1	*1
-21	RAD207SB7.5	. . . INSERT, (Rosan)	1	*1
-22	NAS43DD5-31	. . . SPACER, Screw and bolt	1	*2
-23	191-48109	. . NUT, Fuel cell outer wing to center wing interconnector stud swivel	1	
-24	191-48105	. . STUD, Fuel cell outer wing to center wing interconnector main (use 151-48105 until exh)	1	
	151-48105	. . STUD, WOP to center wing cell interconnector main (whn exh use 191-48105)	1	
-25	151-48113	. RING ASSY, Outer to center wing fuel cell interconnector	2	
-26	151-48108	. . STUD, Outer to center wing fuel cell interconnector sealing ring	2	
-27	151-48102	. . RING, Outer to center wing fuel cell interconnector seal	4	
-28	151-48176-3	. . TUBE, Fuel cell interconnector guide	1	
-29	151-48104	. . SHELL, Outer to center wing fuel cell interconnector retainer	8	
	AN507-440-4	. . SCREW	6	
-30	151-48103	. . RING, Outer to center wing fuel cell interconnector aligning	1	
-31	151-48118	. . COVER ASSEMBLY, Fuel cell interconnector dust	4	
-32	MS29513-225	. . PACKING	1	

*1 These parts are used on 151-48101 only.
*2 This part is used on 191-48101 only.
*3 Use 140-48008 together with 151-51063 and 172-48010 until exh, whn exh use 172-48108.



F-86F-4-48-1

FIGURE 47 - FUEL SYSTEM 200 GALLON FORCE EJECTION UNDERWING TANK AND PYLON

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEAB CC
47	227-48201-1	TANK AND PYLON INSTALLATION, Fuel system 200 gallon force ejection underwing LH	NP	A
	227-48201-2	TANK AND PYLON INSTALLATION, Fuel system 200 gallon force ejection underwing RH	NP	A
-1	No Number	. TANK ASSY, 200 gal force ejection underwing fuel (AERNO 45-9474) (AF dwg 54H23637) (GFAE)	1	A,*
-2	No Number	. CARTRIDGE, 200 gal force ejection underwing fuel (type MARK II) (Mod 0) (GFAE)	2	A,*
-3	No Number	. PYLON, 200 gal force ejection underwing fuel (AF dwg 54R26044L) (AERNO 45-9491) (145-20500-1 Pastushin) (GFAE) LH	1	A,*
	No Number	. PYLON, 200 gal force ejection underwing fuel (AF dwg 54R26044R) (AERNO 45-9492) (145-20500-2 Pastushin) (GFAE) RH	1	A,*

*1 Refer to T. O. 1F-86F-224.
USEABLE ON CODE: A 51-13170 and subs

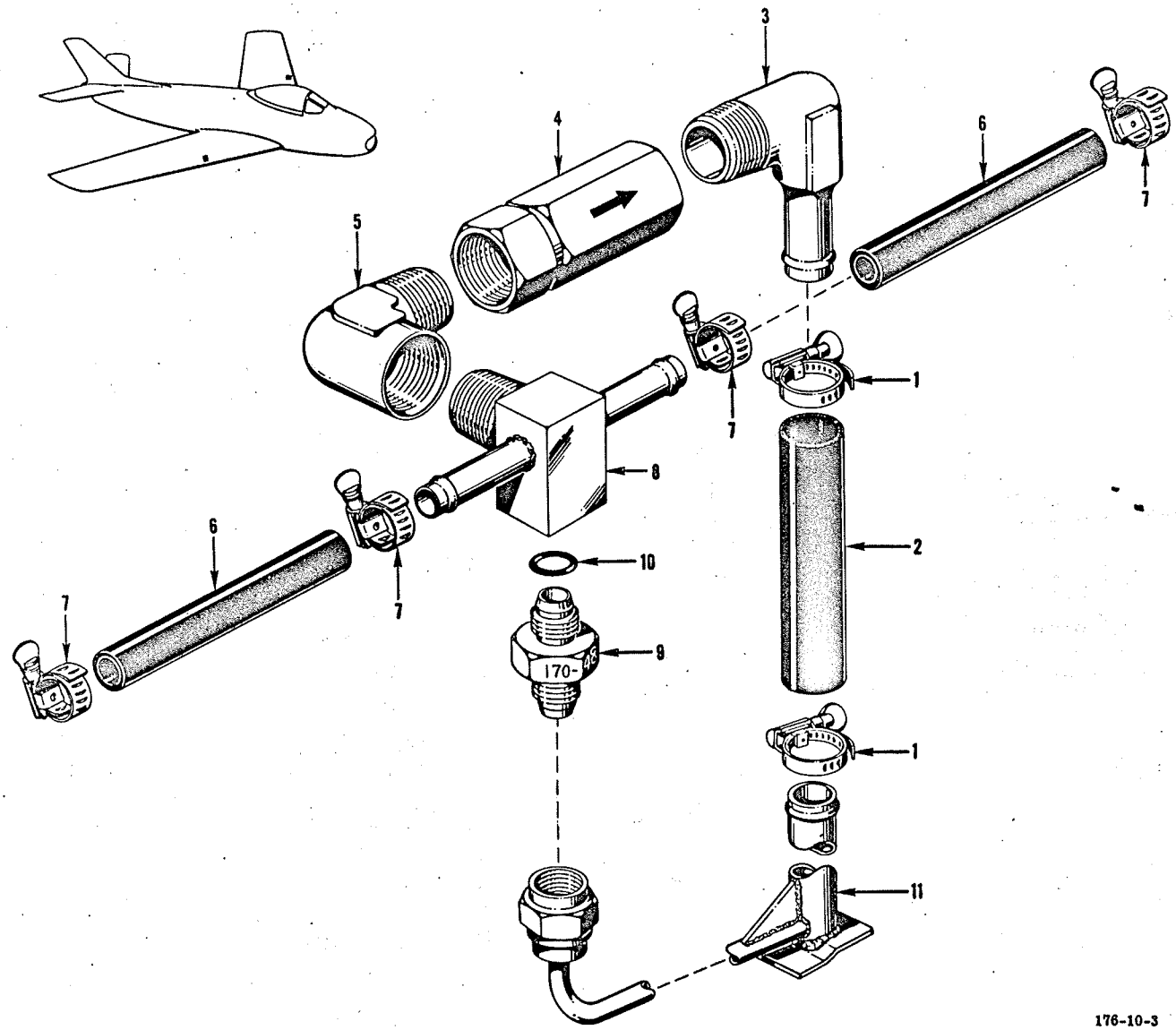
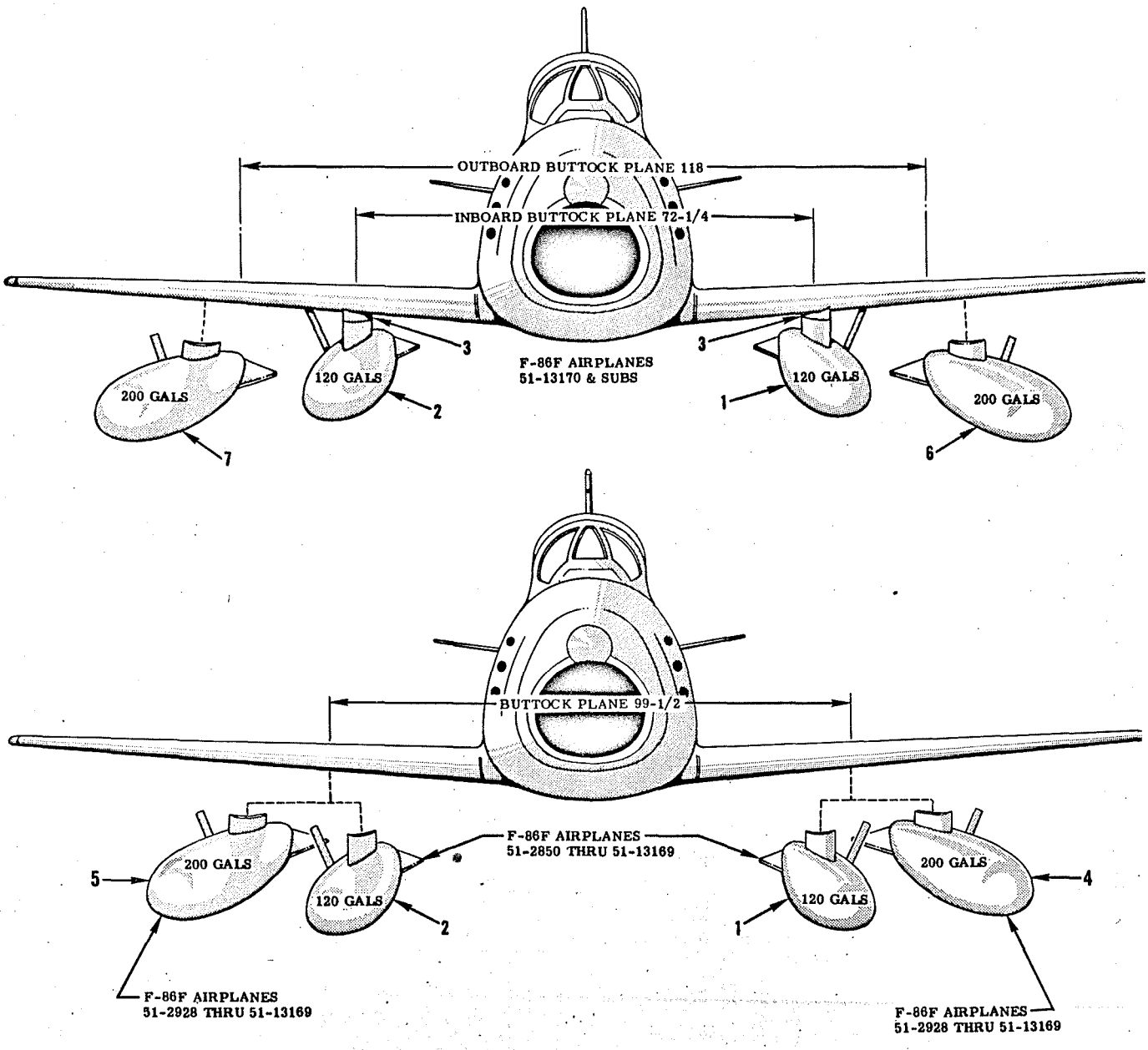


FIGURE 48 - DROP TANK SUCTION AND PRESSURE RELIEF VALVE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
48	172-48207-1	VALVE ASSY, Drop tank suction & press. relief LH (see fig.40,55)	Ref	A,*1
	172-48207-2	VALVE ASSY, Drop tank suction & press. relief RH (see fig.40,55)	Ref	A,*1
	172-48208-1	VALVE ASSY, Drop tank suction & press. relief LH (see fig. 40) .	Ref	B
	172-48208-2	VALVE ASSY, Drop tank suction & press. relief RH (see fig. 40) .	Ref	B
-1	AN737TW34	. CLAMP	2	A,B
-2	3H2-10-15	. HOSE, (North American)	1	A
	3H2-10-12	. HOSE, (North American)	1	B
-3	AN842-10	. ELBOW	1	A,B
-4	7-2847-78M1	. VALVE ASSY, Ball type check (Parker Aircraft) (intrch wth 4-0200) (North American Spec 172-948039)	1	A,B
-5	AN914-4	. ELBOW	1	A,B
-6	3H2-6-13	. HOSE, (North American)	2	A,B
-7	AN737TW26	. CLAMP	4	A,B
-8	172-48206	. FITTING ASSY, Drop fuel tank press. and thermal relief valve.	1	A,B
-9	170-48204	. RESTRICTOR, Drop fuel tank thermal relief	1	A,B
-10	MS29512-6	. PACKING	1	A,B
-11	151-48810-31	. LINE ASSY, Drop tank suction and pressure relief LH	1	A
	151-48810-32	. LINE ASSY, Drop tank suction and pressure relief RH	1	A
	172-48812-1	. LINE ASSY, Drop fuel tank suction and pressure relief	1	B
	172-48812-2	. LINE ASSY, Drop fuel tank suction and pressure relief	1	B

*1 Used on airplanes coded 51-2850 thru 51-2927 that have been modified per T. O. No. 1F-86-109.

USEABLE ON CODE: A 51-2850 thru 51-12969, 51-13070 thru 51-13089
B 51-12970 thru 51-12976, 51-13090 thru 51-13169.



F-86F-4-48-1

FIGURE 49 - 120 AND 200 GALLON DROPPABLE FUEL TANKS (SPARES)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
49			120 GALLON DROPPABLE FUEL TANKS (Spares) (see fig. 51 for detail breakdown)		
-1	161-48201-101		DROP TANK, Fuel system 120 gal complete LH spare (whn exh use 172-48201-1, 172-48201-51 or -151)	1	*1
	172-48201-1		DROP TANK, Fuel system 120 gal complete LH spare (use 161-48201-101 until exh) (whn exh use 172-48201-51 or -151)	1	*1
	172-48201-51		DROP TANK, Fuel system 120 gal complete LH spare (use 161-48201-101 or 172-48201-1 until exh) (whn exh use 172-48201-151)	1	*1
	172-48201-151	*4	DROP TANK, Fuel system 120 gal LH spare (use 161-48201-101, 172-48201-1 or 172-48201-51 until exh)	1	*2
-2	161-48201-102		DROP TANK, Fuel system 120 gal complete RH spare (whn exh use 172-48201-2, 172-48201-51 or 172-48201-152)	1	*1
	172-48201-2		DROP TANK, Fuel system 120 gal complete RH spare (use 161-48201-102 until exh) (whn exh use 172-48201-52 or 172-48201-152)	1	*1
	172-48201-52		DROP TANK, Fuel system 120 gal complete RH spare (use 161-48201-102 or 172-48201-2 until exh) (whn exh use 172-48201-152)	1	*1
	172-48201-152	*4	DROP TANK, Fuel system 120 gal RH spare (use 161-48201-102, 172-48201-2 or 172-48201-52 until exh)	1	*2
-3	187-48220		FERRY BEAM PACKAGE, (must be used with 120 gallon tank when carried at inboard station) (see figure 481)	Ref	C
	187-48220-10		FERRY BEAM PACKAGE, (must be used with 120 gallon tank when carried at inboard station) (see figure 481)	Ref	D
			200 GALLON DROPPABLE FUEL TANKS (Spares) (see figure 52 for detail breakdown)		
-4	176-48302-101		DROP TANK, 200 gallon underwing fuel complete LH spare	1	A,*1,*
	176-48302-151		DROP TANK, 200 gallon underwing fuel complete LH spare (use 176-48302-171 whn exh)	1	A,*2
	176-48302-171		DROP TANK, 200 gallon underwing fuel complete spare (use 176-48302-151 until exh)	1	A,*2
-5	176-48302-102		DROP TANK, 200 gallon underwing fuel complete RH spare	1	A,*1,*
	176-48302-152		DROP TANK, 200 gal underwing fuel complete RH spare (use 176-48302-172 whn exh)	1	A,*2
	176-48302-172		DROP TANK, 200 gal underwing fuel complete RH spare (use 176-48302-152 until exh)	1	A,*2
-6	176-48302-1		DROP TANK, 200 gal underwing fuel complete LH spare	1	B,*1,*
	176-48302-201		DROP TANK, 200 gal underwing fuel complete LH spare	1	B,*1,*
	176-48302-251		DROP TANK, 200 gal underwing fuel complete LH spare (use 176-48302-271 whn exh)	1	B,*2
	176-48302-271		DROP TANK, 200 gal underwing fuel complete LH spare (use 176-48302-251 until exh)	1	B,*2
	227-48201-1		TANK & PYLON INSTL, Fuel sys 200 gal force ejection underwing LH (see fig. 47 for breakdown)	NP	E
-7	176-48302-2		DROP TANK, 200 gal underwing fuel complete RH spare	1	B,*1,*
	176-48302-202		DROP TANK, 200 gal underwing fuel complete RH spare	1	B,*2,*
	176-48302-252		DROP TANK, 200 gal underwing fuel complete RH spare (use 176-48302-272 whn exh)	1	B,*2
	176-48302-272		DROP TANK, 200 gal underwing fuel complete RH spare (use 176-48302-252 until exh)	1	B,*2
	227-48201-2		TANK & PYLON INSTL, Fuel sys 200 gal force ejection underwing RH (see fig. 47 for breakdown)	NP	E
	No Number		DROP TANK ASSY, 200 gal LH type III (Spec MIL-T7378)(AERNO 45-9479) (GFAE)	1	B
	No Number		DROP TANK ASSY, 200 gal RH type III (Spec MIL-T7378)(AERNO 45-9478) (GFAE)	1	B

*1 Used on airplanes equipped with slats
*2 Used on airplanes equipped with slats or 6-3 extended leading edges
*3 When 176-48302-1 and -2 are reworked per T. O. 10JA-82 they are re-identified as 176-48302-201 and -202.
*4 172-48201-151 LH and 172-48201-152 RH may be reworked into 172-48201-201 LH and 172-48201-202 RH, when modified in accordance with T. O. 6J14-2-2-512. 172-48201-201 LH and 172-48201-202 RH may be installed on BP118.
*5 176-48302-1 & -2 are re-identified as 176-48302-51 & -52 respectively, 176-48302-101 & 102 are re-identified as 176-48302-151 & 152 respectively, 176-48302-201 & 202 are re-identified as 176-48302-251 & 252 respectively when reworked per T. O. 6J14-2-4-526.

The above 120 gal. tank part Nos. represent complete kits of parts which include the tank assemblies plus all necessary instl parts. 200 gal. tank part Nos. listed also represent complete kits of parts including the tank plus necessary instl parts except that non-droppable parts are not included.

USEABLE ON CODE:
A 51-2928 thru 51-13169
B 51-13170 and subs
C 51-13170 thru 51-13468, 52-4305 thru 52-4805
D 51-13469 thru 51-13510, 52-4806 and subs
E 55-3816 and subs

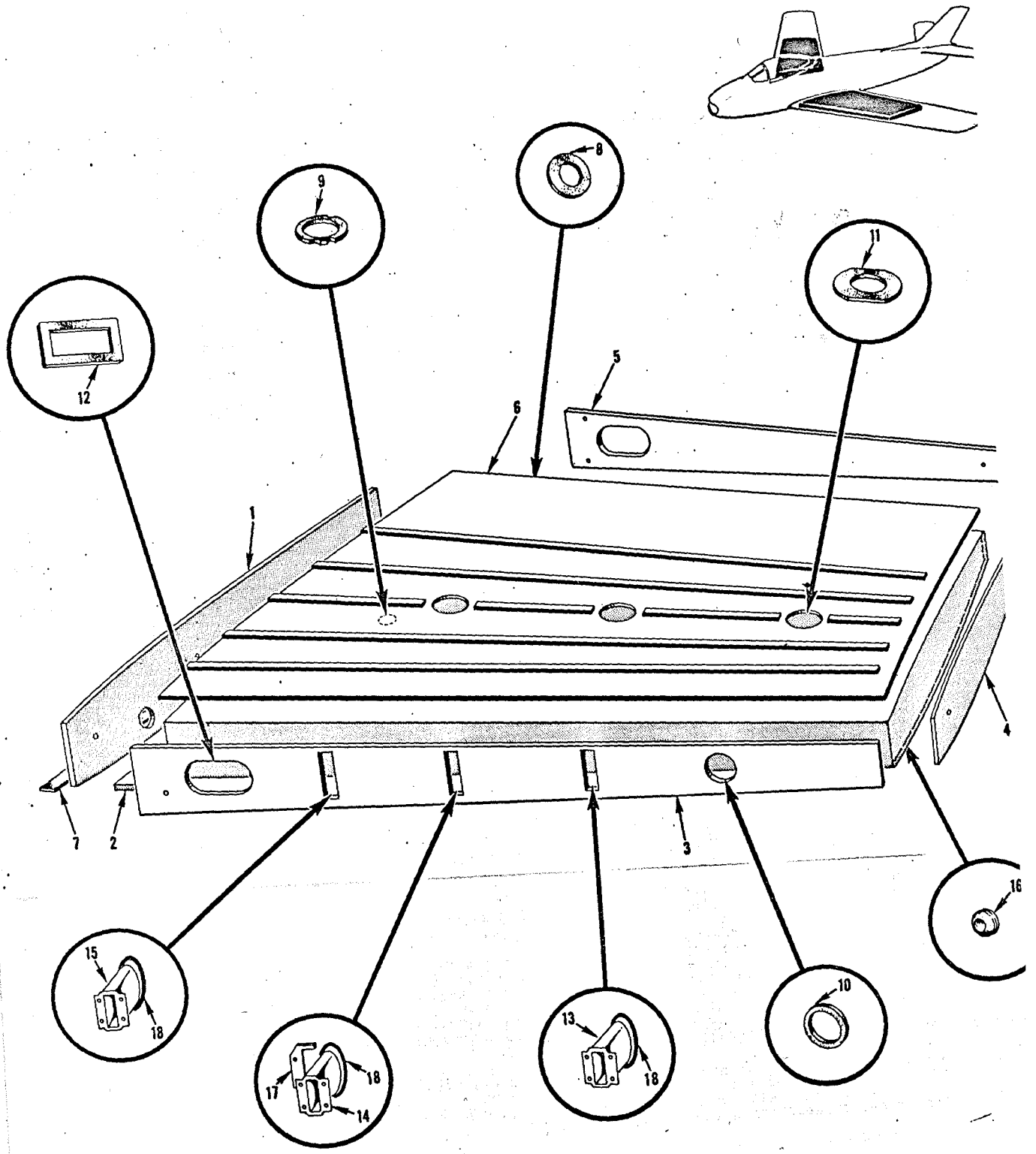


FIGURE 50 - OUTER WING FUEL CELL LINERS AND SEALS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
50		OUTER WING FUEL CELL LINERS AND SEALS		
	151-48018-1	. FUEL CELL LINER INSTL, Outer wing LH (see figure 39)	NP	
	151-48018-2	. FUEL CELL LINER INSTL, Outer wing RH (see figure 39)	NP	
-1	151-48010	. . LINER, Outer wing fuel cell inboard	1	
-2	151-48009-21	. . LINER ASSEMBLY, Outer wing fuel cell lower LH . . . . . (use 151-48009-11 until exh)	1	
	151-48009-22	. . LINER ASSEMBLY, Outer wing fuel cell lower RH . . . . . (use 151-48009-12 until exh)	1	
-3	151-48006	. . LINER, Outer wing fuel cell front	1	
-4	151-48005	. . LINER, Outer wing fuel cell outboard	1	
-5	151-48007	. . LINER, Outer wing fuel cell rear	1	
-6	151-48008-1	. . LINER ASSY, Outer wing fuel cell upper LH	1	
	151-48008-2	. . LINER ASSY, Outer wing fuel cell upper RH	1	
	151-14013-1	. SEAL INSTL, WOP LH (see fig. 39 for next assy)	NP	
	151-14013-2	. SEAL INSTL, WOP RH (see fig. 39 for next assy)	NP	
-7	151-48187	. . SEAL, Wing outer panel fuel cell and lower outbd splice .	1	B,*1
	227-48187	. . SEAL, Fuel cell bay WOP lower bolting angle fwd	1	D
	227-48188	. . SEAL, Fuel cell bay WOP lower bolting angle aft	1	D
	227-48189	. . SEAL, Fuel cell bay WOP lower bolting bar	1	D
-8	151-48185	. . SEAL, Wing outer panel fuel cell rear vent line	1	
-9	151-48192-11	. . SEAL, Wing outer panel fuel tank drain	1	
-10	191-48188	. . SEAL ASSY, WOP outboard liquidometer front spar . . . . . (use 151-48188 until exh)	1	
-11	151-48186	. . SEAL, Wing outer panel fuel cell filler	1	A
-12	191-48189	. . SEAL ASSY, Wing outer panel fuel cell inboard transmitter (use 151-48189 until exh)	1	
-13	172-48005-13	. . CUP ASSY, Wing outer panel fuel cell slat track seal . . . (use 165-48190-7 until exh)	1	B,*1
	227-48005-21	. . CUP ASSY, WOP fuel cell slat track seal LH	1	C,*2
	227-48005-22	. . CUP ASSY, WOP fuel cell slat track seal RH	1	C,*2
-14	172-48005-11	. . CUP ASSY, WOP fuel cell slat track seal (use . . . . . 165-48190-5 until exh)	1	B,*1
	227-48005-11	. . CUP ASSY, WOP fuel cell slat track seal LH	1	C,*2
	227-48005-12	. . CUP ASSY, WOP fuel cell slat track seal RH	1	C,*2
-15	172-48005	. . CUP ASSY, WOP fuel cell slat track seal (use . . . . . 165-48190-3 until exh)	1	B,*1
	227-48005-1	. . CUP ASSY, WOP fuel cell slat track seal LH	1	C,*2
	227-48005-2	. . CUP ASSY, WOP fuel cell slat track seal RH	1	C,*2
-16	48143	. . GROMMET, Plug button (United-Carr)	8	
-17	172-48021	. . SPACER, Wing sta 73.750 slat track cup	1	
-18	172-48111	. . SEAL, Fuel cell WOP slat track cup	3	*2

*1 Parts marked thus are not used on airplanes modified per T. O. 1F-86F-516.
*2 Parts marked thus are also used on airplanes 51-13170 thru 53-1228 that have been modified per T. O. 1F-86F-516.

USEABLE ON CODE: A 51-2850 thru 51-2927 B 51-2850 thru 53-1228 C 55-3816 and subs, 55-3816 thru 55-3875

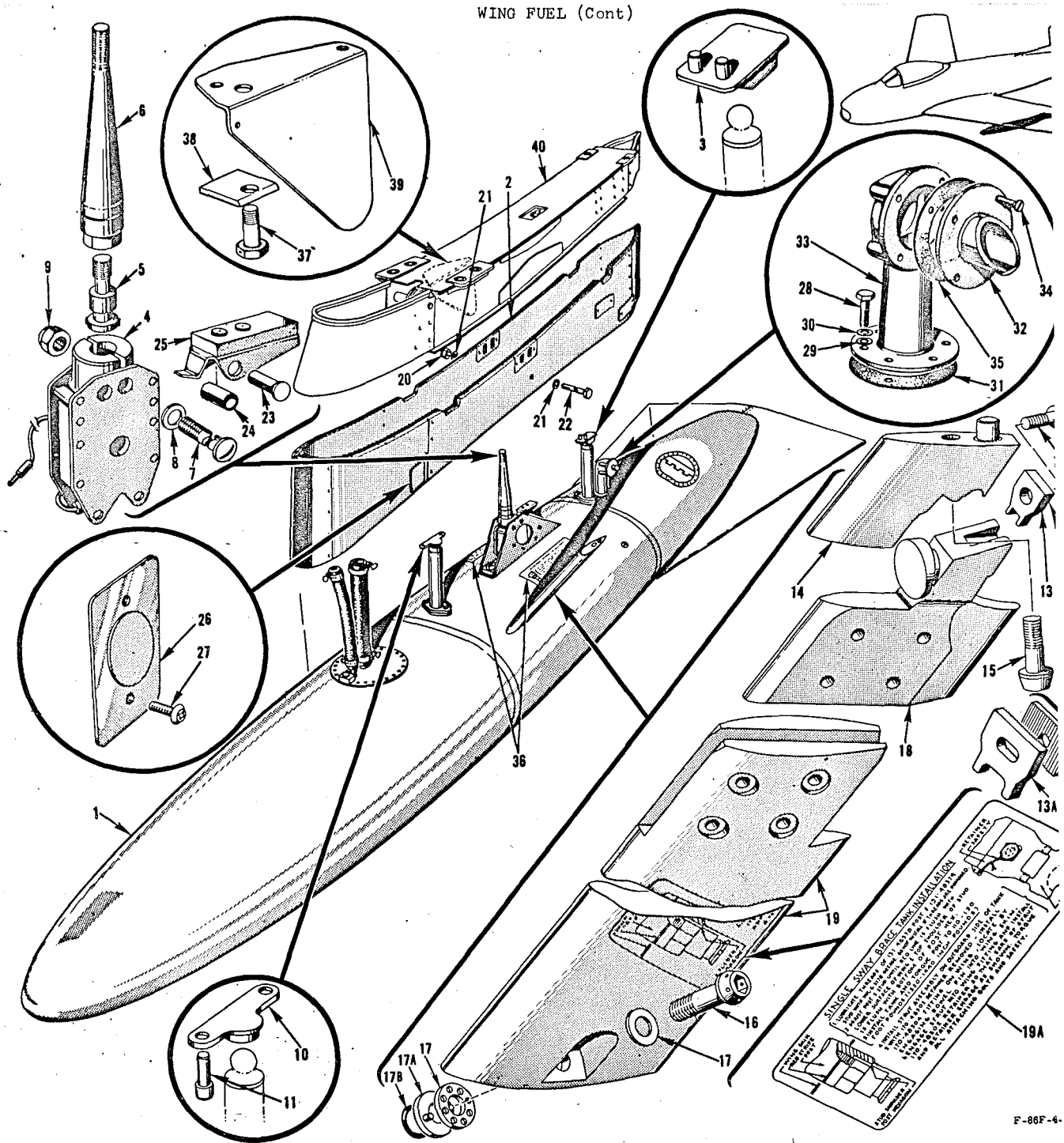


Figure 51 - 120 GALLON DROPPABLE FUEL TANKS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEAI C
51	161-48201-101		DROP TANK INSTL, 120 gal fuel system LH complete	(see fig.	
	161-48201-102		DROP TANK INSTL, 120 gal fuel system RH complete	(see fig.	
	172-48201-1		DROP TANK INSTL, 120 gal fuel system LH complete	(see fig.	
	172-48201-2		DROP TANK INSTL, 120 gal fuel system RH complete	(see fig.	
	172-48201-51		DROP TANK INSTL, 120 gal fuel system LH complete	(see fig.	
	172-48201-52		DROP TANK INSTL, 120 gal fuel system RH complete	(see fig.	
	172-48201-151		DROP TANK INSTL, 120 gal fuel system LH complete	(see fig.	
	172-48201-152		DROP TANK INSTL, 120 gal fuel system RH complete	(see fig.	
	172-48201-201		DROP TANK INSTL, 120 gal fuel system LH complete	(see fig.	
	172-48201-202		DROP TANK INSTL, 120 gal fuel system RH complete	(see fig.	
	136-10001 *5		TANK INSTL, Auxiliary fuel jettisonable 120 gal LH (Pastushin) . .	1	
	136-10001-4 *5		TANK INSTL, Auxiliary fuel jettisonable 120 gal LH (Pastushin) . .	1	
	136-10001-1 *5		TANK INSTL, Auxiliary fuel jettisonable 120 gal RH (Pastushin) . .	1	
	136-10001-5 *5		TANK INSTL, Auxiliary fuel jettisonable 120 gal RH (Pastushin) . .	1	

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
51-1	161-48250-31		.	DROP TANK ASSY, Fuel system (whn exh use 172-48250).	1	
	172-48250		.	DROP TANK ASSY, Fuel system (use 161-48250-31 untl exh) (see figure 53 for breakdown)	1	
	172-48250-151		.	DROP TANK ASSY, Fuel system (see figure 53)	1	
	172-48250-201		.	DROP TANK ASSY, Fuel system LH (see figure 53)	1	A
	172-48250-202		.	DROP TANK ASSY, Fuel system RH (see figure 53)	1	A
-2	No Number		.	FAIRING ASSY, 120 gal drop fuel tank (see fig. 37 for breakdown)	NP	
-3	161-48341-51		.	PAD ASSY, Drop fuel tank aft post bearing (use 161-48341 untl exh) . . .	1	
-4	151-48320-10		.	SHACKLE ASSEMBLY, Droppable fuel tank (see figure 70 for breakdown)	1	
-5	151-48379		.	STUD, Fuel drop tank support	1	
-6	151-48378		.	POST, Fuel drop tank support	1	
-7	AN27-38A		.	BOLT	2	
-8	AN960-716		.	WASHER	4	
-9	AN364-720		.	NUT	2	
-10	176-48303-3		.	PAD, Underwing fuel tank forward post LH (use 151-48358-11 or 151-48358-7 untl exh) . .	1	
	176-48303-4		.	PAD, Underwing fuel tank forward post RH (use 151-48358-12 or 151-48358-8 untl exh) .	1	
-11	176-48299		.	PIN, Drop fuel tank forward shear (use 161-48328 untl exh) . .	2	
-12	AN4H4A		.	BOLT	1	
	AN4H6A	*4	.	BOLT	1	
-13	170-48302	*4	.	RETAINER, 120 gal drop fuel tank wing attaching strut disconnect fitting	1	
-13A	55C76037	*4	.	RETAINER, Sway brace	1	
-13B	55B76036	*4	.	PLATE, Lock.	1	
-14	170-48313-5		.	FITTING ASSY, 120 gal drop fuel tank wing strut attaching disconnect LH (use 170-48304-1 untl exh) . .	1	
	170-48313-6		.	FITTING ASSY, 120 gal drop fuel tank wing strut attaching disconnect RH (use 170-48304-2 untl exh) . .	1	
	170-48307		.	. PIN, 120 gal drop fuel tank wing strut attach disconnect .	1	
-15	NAS148DH21		.	BOLT, Internal wrenching steel 1/2-20	1	
-16	NAS145DH16		.	BOLT, Internal wrenching steel 5/16-24	1	
-17	242-481005-7	*6	.	WASHER, 120 gal fuel tank sway brace serrated.	1	
-17A	242-481005-11	*6	.	WASHER, 120 gal fuel tank sway brace serrated.	1	
-17B	MS29513-11		.	PACKING.	1	
	170-48306-1		.	BRACE ASSY, 120 gal drop fuel tank complete sway LH	1	
	170-48306-2		.	BRACE ASSY, 120 gal drop fuel tank complete sway RH	1	
-18	170-48314-3		.	. FITTING, 120 gal drop fuel tank strut disconnect (use 170-48303 untl exh)	1	
-19	170-48305-1		.	. BRACE, 120 gallon drop fuel tank sway LH	1	
	170-48305-2		.	. BRACE, 120 gallon drop fuel tank sway RH	1	
-19A	170-48312		.	. DECAL, Single sway brace fuel tank installation	1	*3
-20	AN364-1032		.	NUT	2	
-21	2W1-14-20-32		.	WASHER, Plain (North American)	4	
-22	AN3-22A		.	BOLT	2	
-23	AN939-39		.	PIN	1	
-24	NAS43C3-66		.	SPACER, Screw and bolt	1	
-25	170-48308-5		.	LEVER ASSEMBLY, Manual fuel tank jettison	1	
-26	172-48294		.	PLATE ASSY, Drop fuel tank pressure relief outlet cover . . .	1	
-27	AP1561-1032-8		.	SCREW ASSY, 100° flat head (Shakeproof)	2	
-28	AN4H5A		.	BOLT	6	
-29	AN960D416L		.	WASHER	6	
-30	No Number		.	WASHER, Series 204AC1/4 seal (Wolfe, Franklin)	6	
-31	151-48355-11		.	GASKET, Drop fuel tank relief valve	1	
-32	6-550-76		.	VALVE ASSY, Drop fuel tank relief (Parker Aircraft)	1	*1
	1111-527826		.	VALVE ASSY, 120 drop fuel tank dive vent (Parker Aircraft) (North American Spec 172-948229) . .	1	*2
-33	161-48337		.	VENT ASSY, Drop fuel tank fairing to tank	1	*1
	172-48337		.	VENT ASSY, Drop fuel tank fairing to tank	1	*2
-34	AN509-416R10		.	SCREW	4	
-35	161-48338		.	GASKET, Drop fuel tank release	1	*1
	172-48338		.	GASKET, Drop fuel tank release	1	*2
-36	170-48312		.	DECAL, Single sway brace fuel tank installation	1	*3
-37	AN8DH15		.	BOLT, (used on 172-48201-201 and -202 only)	1	
-38	191-48262-1		.	BLOCK, 120 gal underwing fuel tank vane (used on 172-48201-201)	1	
	191-48262-2		.	BLOCK, 120 gal underwing fuel tank vane (used on 172-48201-202)	1	
-39	191-48260-1		.	VANE ASSY, 120 gal underwing fuel tank guide LH (used on 172-48201-201 only)	1	
	191-48260-2		.	VANE ASSY, 120 gal underwing fuel tank guide RH (used on 172-48201-202 only)	1	
-40	187-48320			FERRY BEAM PACKAGE, (see figure 481)	Ref	

*1 Used on 172-48201-1 and -2.
*2 Used on 172-48201-51, -52, -151, -125, -201, and -202.
*3 Added Per T. O. No. 6J14-2-2-511.
*4 AN4H6A replaces AN4H4A & 55B76036 together with 5SC76037 replaces 170-48302 when reworked per T. O. 6J14-2-2-514
*5 Refer to T.O. 6J14-2-2-53 for breakdown.
*6 These parts used together supersede 172-48311-3 & 172-48311-5 which, in turn superseded 170-48311.

USEABLE ON CODE: A 51-13170 and subs.

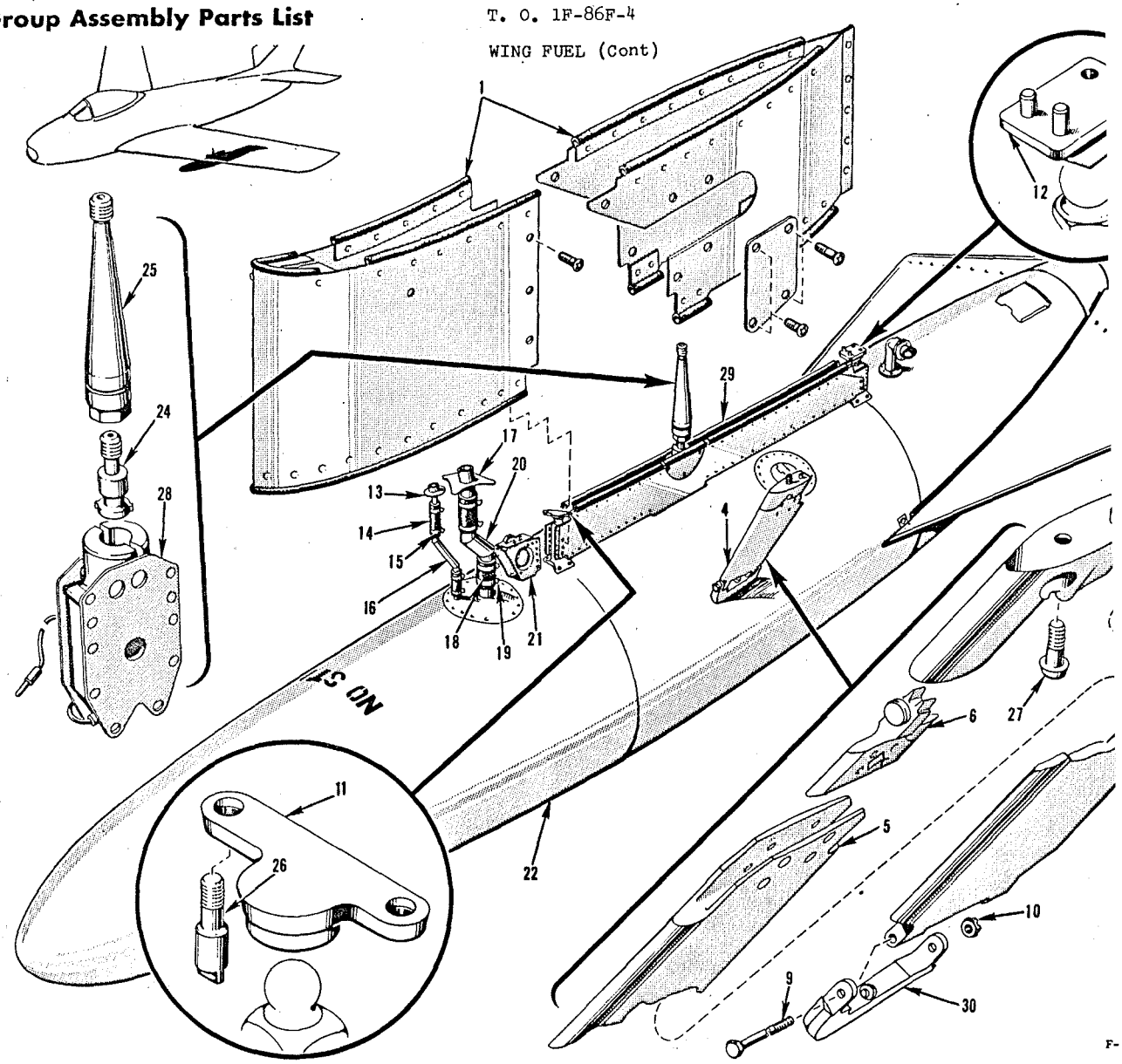


FIGURE 52 - 200 GALLON UNDERWING FUEL TANK AND RELATED LOOSE EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USE/ C
52									200 GALLON UNDERWING FUEL TANK AND RELATED LOOSE EQUIPMENT		
	176-48302-101 *5	.							TANK INSTALLATION, 200 gal underwing fuel complete LH	(see fig.	
	176-48302-102 *5	.							TANK INSTALLATION, 200 gal underwing fuel complete RH	(see fig.	
	176-48302-1 *5	.							TANK INSTALLATION, 200 gal underwing fuel complete LH	(see fig.	
	176-48302-2 *5	.							TANK INSTALLATION, 200 gal underwing fuel complete RH	(see fig.	
	176-48302-201 *5	.							TANK INSTALLATION, 200 gal underwing fuel complete LH	(see fig.	
	176-48302-202 *5	.							TANK INSTALLATION, 200 gal underwing fuel complete RH	(see fig.	
	176-48302-151	.							TANK INSTALLATION, 200 gal underwing fuel complete LH	(see fig.	
	176-48302-152	.							TANK INSTALLATION, 200 gal underwing fuel complete RH	(see fig.	
	176-48302-171	.							TANK INSTALLATION, 200 gal underwing fuel complete LH	(see fig.	
	176-48302-172	.							TANK INSTALLATION, 200 gal underwing fuel complete RH	(see fig.	
	176-48302-251	.							TANK INSTALLATION, 200 gal underwing fuel complete LH	(see fig.	
	176-48302-252	.							TANK INSTALLATION, 200 gal underwing fuel complete RH	(see fig.	
	176-48302-271	.							TANK INSTALLATION, 200 gal underwing fuel complete LH	(see fig.	
	176-48302-272	.							TANK INSTALLATION, 200 gal underwing fuel complete RH	(see fig.	
-1	No Number	.	.						200 GALLON UNDERWING FUEL TANK FAIRING ASSEMBLIES . . . . (see figure 57 for breakdown)	Ref	A
-2	DELETED	.	.	.	.	.	.	.	. . . . .		
-3	DELETED	.	.	.	.	.	.	.	. . . . .		
-4	176-48306	.	.						BRACE ASSY, 200 gal underwing fuel tank ext sway . . . . . (176-48306 together with 176-48322-3 or 176-48322-4 fitting index No. 30 is interchangeable with 176-48306-1 and 176-48306-2)	1	A
-5	176-48323	.	.	.					BRACE, 200 gal underwing fuel tank ext sway . . . . . (used on 176-48306 only)	1	A
	176-48305-1	.	.	.					BRACE, 200 gal underwing fuel tank external sway . . . (used on 176-48306-1 only)	1	A
	176-48305-2	.	.	.					BRACE, 200 gal underwing fuel tank external sway . . . (used on 176-48306-2 only)	1	A
-6	170-48314-5	.	.	.					FITTING, 120 and 200 gal drop fuel tank strut disconnect (interchangeable with 170-48303)	1	A

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
52-7	AN4H4A *4	.	.						BOLT	1	A
-8	170-48302 *4	.	.						RETAINER, 120 and 200 gallon drop fuel tank wing attach strut disconnect fitting	1	A
-9	NAS464-6-36	.	.						BOLT, Shear close tolerance	1	A
-10	AN320-6	.	.						NUT	1	A
-11	176-48303-3	.	.						PAD, Underwing fuel tank forward post LH	1	A
	176-48303-4	.	.						PAD, Underwing fuel tank forward post RH	1	A
-12	161-48341-51	.	.						PAD ASSY, Drop fuel tank aft post bearing (interchangeable with 161-48341)	1	A
-13	172-48285	.	.						NIPPLE, Drop fuel tank air line disconnect	1	A
-14	3H2-8-13	.	.						HOSE, (North American)	2	B
	3H2-8-36	.	.						HOSE, (North American)	1	C
-15	AN737-30	.	.						CLAMP, Hose	4	B
	AN737-30	.	.						CLAMP, Hose	2	C
-16	176-48326	.	.						LINE ASSY, 200 gal underwing fuel tank BP99.5 air	1	B
-17	172-48284	.	.						NIPPLE, Drop fuel tank fuel line disconnect	1	A
-18	3H2-16-14	.	.						HOSE, (North American)	2	B
	3H2-16-34	.	.						HOSE, (North American)	1	C
-19	AN737-46	.	.						CLAMP	4	B
	AN737-46	.	.						CLAMP	2	C
-20	176-48327	.	.						LINE ASSY, 200 gal underwing fuel tank BP99.5 fuel	1	B
-21	176-48329-1	.	.						BRACKET ASSY, 200 gal underwing fuel tank BP99.5 forward fairing attaching LH	1	B
	176-48329-2	.	.						BRACKET ASSY, 200 gal underwing fuel tank BP99.5 forward fairing attaching RH	1	B
	176-48291-1	.	.						BRACKET ASSY, 200 gal underwing fuel tank BP99.5 forward fairing attaching LH	1	C,*3
	176-48291-2	.	.						BRACKET ASSY, 200 gal underwing fuel tank BP99.5 forward fairing attaching RH	1	C,*3
	176-48291-25	.	.						BRACKET ASSY, 200 gal underwing fuel tank BP99.5 forward fairing attaching LH	1	B
	176-48291-26	.	.						BRACKET ASSY, 200 gal underwing fuel tank BP99.5 forward fairing attaching RH	1	B
-22	176-48250-41	.	.						TANK ASSY, 200 gal underwing fuel LH (whn exh use 176-48250-61 or -51) (see figure 54)	1	A,*1,*2
	176-48250-61	.	.						TANK ASSY, 200 gal underwing fuel LH (use 176-48250-41 untl exh, whn exh use 176-48250-51) (see fig. 54)	1	A,*1,*2
	176-48250-51	.	.						TANK ASSY, 200 gal underwing fuel LH (use 176-48250-41 or -61 untl exh)(use 176-48250-71 whn exh)(see fig. 54)	1	A,*1
	176-48250-71	.	.						TANK ASSY, 200 gal underwing fuel LH (use 176-48250-51 untl exh)	1	A,*1
	176-48250-42	.	.						TANK ASSY, 200 gal underwing fuel RH (whn exh use 176-48250-62 or -52) (see figure 54)	1	A,*1,*2
	176-48250-62	.	.						TANK ASSY, 200 gal underwing fuel RH (use 176-48250-42 untl exh, whn exh use 176-48250-52) (see figure 54)	1	A,*1,*2
	176-48250-52	.	.						TANK ASSY, 200 gal underwing fuel RH (use 176-48250-42 or -62 untl exh)(use 176-48250-72 whn exh)(see fig. 54)	1	A,*1
	176-48250-72	.	.						TANK ASSY, 200 gal underwing fuel RH (use 176-48250-52 untl exh)	1	A,*1
	176-48201-101	.							PACKAGE, 200 gal underwing fuel tank loose equipment LH (see figure 471 for next assembly)	Ref	B
	176-48201-102	.							PACKAGE, 200 gal underwing fuel tank loose equipment RH (see figure 471 for next assembly)	Ref	B
	176-48201-1	.							PACKAGE, 200 gal underwing fuel tank loose equipment LH (see figure 471 for next assembly)	Ref	C
	176-48201-2	.							PACKAGE, 200 gal underwing fuel tank loose equipment RH (see figure 471 for next assembly)	Ref	C
-23	170-48313-5	.	.						FITTING ASSY, Drop fuel tank wing strut attach disconnect. (interchangeable with 170-48304-1)	1	A
	170-48313-6	.	.						FITTING ASSY, Drop fuel tank wing strut attach disconnect. (interchangeable with 170-48304-2)	1	A
-24	176-48379	.	.						STUD, Drop fuel tank support	1	A
-25	176-48378	.	.						POST, Drop fuel tank support	1	A
-26	176-48299	.	.						PIN, 200 gal underwing fuel tank forward shear	2	A
-27	NAS148DH21	.	.						BOLT, Internal wrenching steel 1/2-20	1	B
	NAS148DH31	.	.						BOLT, Internal wrenching steel 1/2-20	1	C
-28	175-48320								MECHANISM ASSY, Fuel tank release (see figure 70)	Ref	
-29	176-48280-1								BEAM ASSY, 200 gal underwing fuel tank LH (see figure 56)	Ref	
-30	176-48322-3								FITTING, Fuel tank sway brace tank attach LH (see figure 5	Ref	

*1 When ordering replacement tanks see fig. 49, those part numbers represent complete kits of parts which include these tank assemblies plus all necessary installation parts. 200 gallon drop tanks 176-48250-1 and -2 will be reidentified with part No. 176-48250-41 & 176-48250-42. 176-48250-31 & 176-48250-32 will be reidentified with part No. 176-48250-61 & 176-48250-62 when reworked per T. O. 6J14-2-4-526.

*2 176-48250-41 LH or 176-48250-42 RH tank together with 176-48286 or 176-48286-25 aft fairing and 176-48298 cover and NAS227-7 and NAS221-15 screws is interchangeable with 176-48250-61 or -51 LH or 176-48250-62 or -52 RH tank together with 176-48331-1 or -51 LH or 176-48331-2 or -52 RH aft fairing.

*3 When worked per T. O. 03-10JA-32, 176-48291-1 and -2 becomes 176-48291-25 and -26.

*4 AN4H6A replaces AN4H4A & 55B76036 together with 55C76037 replaces 170-48302 when reworked per T. O. 6J 14-2-2-514 (see fig. 51)

*5 176-48302-1 & -2 are reidentified as 176-48302-51 & -52 respectively, 176-48302-101 & -102 are reidentified as 176-48302-151 & -152 respectively, 176-48302-201 & -202 are reidentified as 176-48302-251 & -252 respectively, When reworked per T. O. 6J14-2-4-526.

USEABLE ON CODE: A 51-2928 and subs B 51-2928 thru 51-13169 C 51-13170 and subs

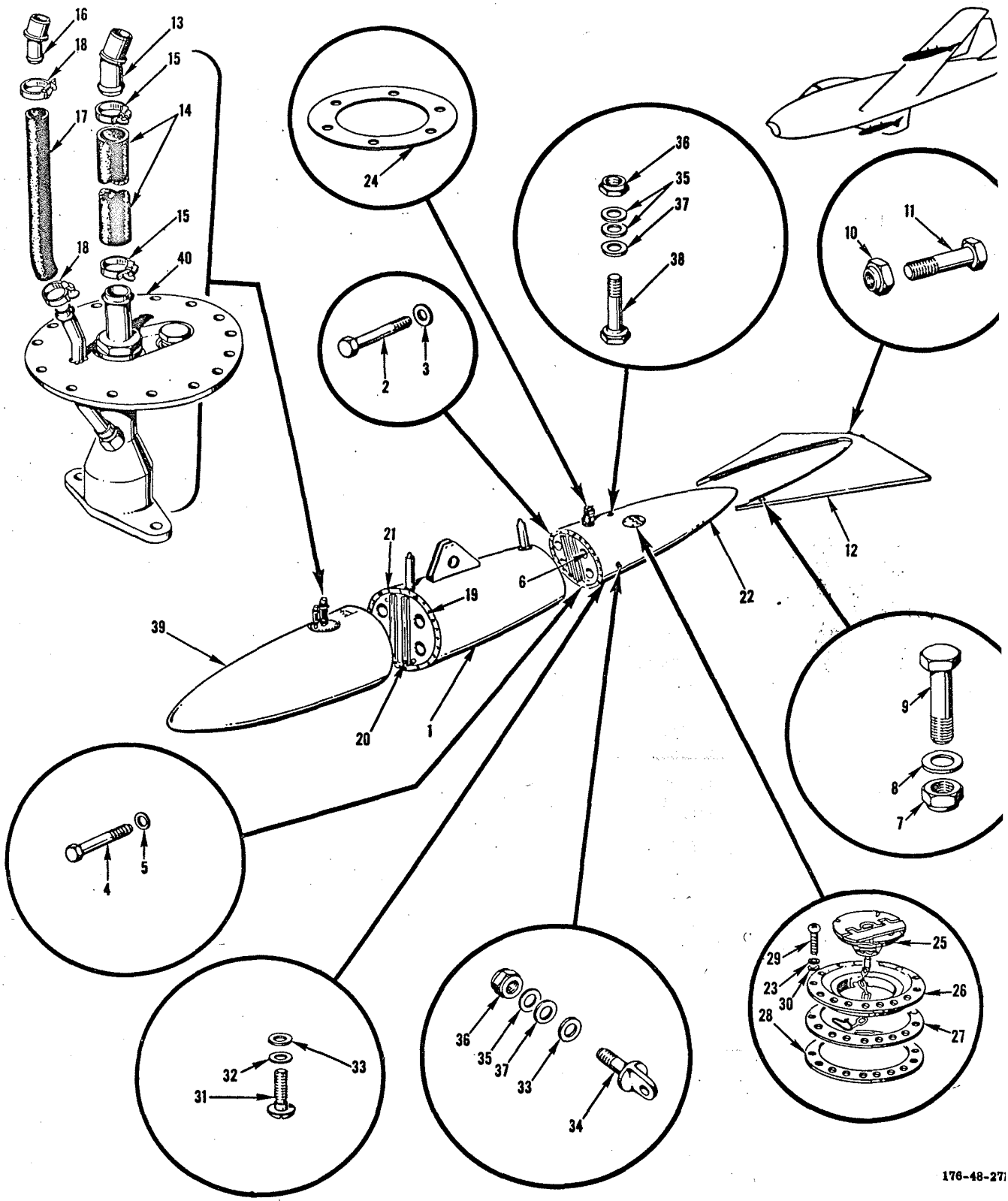


FIGURE 53 - 120 GALLON DROPPABLE FUEL TANK ASSEMBLY

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
53	172-48250	TANK ASSY, 120 gal drop fuel (use 161-48250-31 untl exh) (whn exh use 172-48250-151) (see fig. 51 for next assembly)	Ref	
	172-48250-151	TANK ASSY, 120 gal drop fuel (use 172-48250 or 161-48250-31 untl exh) (see figure 51 for next assembly)	Ref	
	172-48250-201	TANK ASSY, 120 gal drop fuel LH (see fig. 51 for next assy)	Ref	A
	172-48250-202	TANK ASSY, 120 gal drop fuel RH (see fig. 51 for next assy)	Ref	A
-1	161-48252-91	. TANK ASSEMBLY, Intermediate section drop fuel (use 161-48252 untl exh) (see figure 60 for breakdown)	1	
-2	AN5-12A	. BOLT	4	
-3	AN960D516	. WASHER	4	
-4	AN4-7A	. BOLT	2	
-5	AN960D416	. WASHER	2	
-6	161-48327	. SEAL, Drop fuel tank aft	1	
-7	AN365-1032	. NUT	2	
-8	AN960D10	. WASHER	2	
-9	AN3-11A	. BOLT	2	
-10	AN365-428	. NUT	2	
-11	AN4-16A	. BOLT	2	
-12	161-48329	. FIN ASSEMBLY, 120 gal drop fuel tank	1	*1
	161-48329-51	. FIN ASSEMBLY, 120 gal drop fuel tank	1	*2*3
-13	172-48284	. NIPPLE, Drop fuel tank fuel line disconnect (use 161-48266 untl exh)	1	
-14	3H2-16-41	. HOSE, (North American)	1	*1*2
	3H2-16-38	. HOSE, (North American)	1	*3
-15	AN737-46	. CLAMP	2	
-16	172-48285	. NIPPLE, Drop fuel tank air line disconnect (use 161-48267 untl exh)	1	
-17	3H2-8-43	. HOSE, (North American)	1	*1*2
	3H2-8-39	. HOSE, (North American)	1	*3
-18	AN737-30	. CLAMP	2	
-19	161-48326	. SEAL, Drop fuel tank forward	1	
-20	AN5-7A	. BOLT	2	
-21	AN5-12A	. BOLT	10	
	AN960D516	. WASHER	12	
-22	161-48253-51	. TANK ASSY, Aft section drop fuel (use 161-48253 untl exh)	1	*1
	161-48253-151	. TANK ASSY, Aft section drop fuel	1	*2*3
-23	205AC10	. . WASHER, Seal (Wolfe, Franklin)	16	
-24	161-48321	. . RING, Drop fuel tank relief valve bolting	1	
-25	151-48142-13	. . CAP ASSY, Fuel cells filler (altered from 39B5435)	1	
-26	20072	. . ADAPTER ASSY, Drop fuel tank filler (Universal Metal) (use 161-48279 untl exh)	1	
	190-48274	. . CAP ASSY, 120 gal underwing fuel tank filler (altered from CM2484) (Eaton)	1	
-27	161-48281	. . GASKET, Drop fuel tank filler flange	1	
-28	161-48278	. . FLANGE ASSEMBLY, Drop fuel tank filler	1	
-29	NAS221-10	. . SCREW, Brazier head Phillips recess alloy steel 10-32	16	
-30	AN960D10L	. . WASHER	16	
-31	161-48322	. . SCREW, Drain drop fuel tank	1	
-32	No Number	. . WASHER, Series 205 1/4 seal (Wolfe, Franklin)	1	
-33	AN960D416L	. . WASHER	3	
-34	AN43-5A	. . BOLT	2	
-35	AN960D416	. . WASHER	4	
-36	AN365-428	. . NUT	3	
-37	No Number	. . WASHER, Series 205 1/4 seal (Wolfe, Franklin)	3	
-38	AN4-5A	. . BOLT	1	
-39	172-48251	. COMPARTMENT ASSY, 120 gal drop fuel tank forward (see figure 59 for breakdown)	1	
	172-48251-201	. COMPARTMENT ASSY, 120 gal drop fuel tank forward LH (see figure 59 for breakdown)	1	
	172-48251-202	. COMPARTMENT ASSY, 120 gal drop fuel tank forward RH (see figure 59 for breakdown)	1	
-40	172-48268	COVER ASSEMBLY, Drop fuel tank (see figure 59)	Ref	

*1 Used on 172-48250
*2 Used on 172-48250-151
*3 Used on 172-48250-201 and 172-48250-202

USEABLE ON CODE: A 51-13170 and subs

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
54	176-48250-41	#,*	TANK ASSY, 200 gal underwing fuel LH (whn exh use 176-48250-61 or -51) (see fig. 52 for next assembly)	Ref	A
	176-48250-61	#,*	TANK ASSY, 200 gal underwing fuel LH (use 176-48250-41 until exh, whn exh use 176-48250-51) (see figure 52)	Ref	A
	176-48250-51	*	TANK ASSY, 200 gal underwing fuel LH (use 176-48250-41 or -61 until exh) (see figure 52)	Ref	A
	176-48250-42	#,*	TANK ASSY, 200 gal underwing fuel RH (whn exh use 176-48250-62 or -52) (see figure 52)	Ref	A
	176-48250-62	#,*	TANK ASSY, 200 gal underwing fuel RH (use 176-48250-42 until exh, whn exh use 176-48250-52) (see figure 52)	Ref	A
	176-48250-52	*	TANK ASSY, 200 gal underwing fuel RH (use 176-48250-42 or -62 until exh) (see figure 52)	Ref	A
-1	No Number		. 200 GAL UNDERWING FUEL TANK BEAM ASSY AND ATTACHING PARTS	NP	(see fig.5
-2	No Number		. 200 GAL UNDERWING FUEL TANK FIN ASSY AND ATTACHING PARTS	NP	(see fig.5
	176-48278		. VALVE ASSY, 200 gal underwing fuel tank dive vent complete	1	*1
	176-48278-31		. VALVE ASSY, 200 gal underwing fuel tank dive vent complete LH	1	*2
	176-48278-32		. VALVE ASSY, 200 gal underwing fuel tank dive vent complete RH	1	*2
	ATTACHING PARTS				
-3	AN4H5A		. BOLT	6	*3
-4	AN960C416L		. WASHER	6	*3
-5	176-48283		. GASKET, 200 gal underwing fuel tank dive vent valve	1	*3
	---*---				
-6	AN509-416R11		. . SCREW, (used on 176-48278 only)	4	*1
	AN509-416R13		. . SCREW, (used on 176-48278-1 and -2 only)	4	*2
-7	176-48276		. . GASKET, 200 gal underwing fuel tank dive vent housing	1	*3
-8	1111-517951		. . VALVE ASSY, Overall swing size 20 (Parker Aircraft) (intrch wth Sweeney 5-2200)(North American dwg 176-948220) (used on 176-48278 only)	1	*1
	1111-526657		. . VALVE ASSY, Overall swing size 20 (Parker Aircraft) (North American dwg 176-948230) (used on 176-48278-1 and -2 only)	1	*2
-9	176-48277		. . HOUSING, 200 gal underwing fuel tank dive vent flapper (used on 176-48278 only)	1	*1
	176-48277-31		. . HOUSING, 200 gal underwing fuel tank dive vent flapper (used on 176-48278-1 and -2 only)	1	*2
-10	176-48269		. GASKET, 200 gal underwing fuel tank	1	*3
-11	176-48273-1		. COVER ASSY, 200 gal underwing fuel tank outlet LH	1	*3
	176-48273-2		. COVER ASSY, 200 gal underwing fuel tank outlet RH	1	*3
-12	176-48253		. TANK ASSY, 200 gal underwing fuel aft section	1	*1
	176-48253-31		. TANK ASSY, 200 gal underwing fuel aft section	1	*2
-13	176-48275-11		. . RING, 200 gal underwing fuel tank dive vent (supersedes 176-48275)	1	*3
-14	176-48256		. . BRACKET ASSY, 200 gal underwing fuel tank aft fin attach	1	*3
-15	176-48251		. TANK ASSY, 200 gal underwing fuel forward section (see figure 51 for breakdown)	1	*3
-16	176-48257		. BAFFLE ASSY, 200 gal underwing fuel tank forward	1	*3
-17	176-48259-5		. . FITTING ASSY, 200 gal underwing fuel tank fwd attaching	1	*3
-18	S1452-070		. . . NUT, Barrel (Elastic)	2	*3
-19	98480		. . . RETAINER, Barrel nut (United-Carr)	2	*3
-20	176-48259-3		. FITTING ASSY, 200 gal underwing fuel tank fwd attaching	1	*3
	S1452-070		. . NUT, Barrel (Elastic)	2	*3
	98480		. . RETAINER, Barrel nut (United-Carr)	2	*3
-21	AN5-12A		. BOLT	3	*3
-22	AN960D516		. WASHER	3	*3
-23	176-48261		. BAFFLE ASSY, 200 gal underwing fuel tank aft	1	*3
-24	176-48263-5		. . FITTING ASSY, 200 gal underwing fuel tank aft attaching	1	*3
-25	S1452-064		. . . NUT, Barrel (Elastic)	2	*3
-26	94879		. . . RETAINER, Barrel nut (United-Carr)	2	*3
-27	176-48263-3		. FITTING ASSY, 200 gal underwing fuel tank aft attaching	1	*3
-28	S1452-064		. . NUT, Barrel (Elastic)	2	*3
-29	94879		. . RETAINER, Barrel nut (United-Carr)	2	*3
-30	AN4-12A		. BOLT	3	*3
-31	AN960D416		. WASHER	3	*3
-32	176-48293-1		. BRACE ASSY, 200 gal underwing fuel tank internal sway LH	1	*3
	176-48293-2		. BRACE ASSY, 200 gal underwing fuel tank internal sway RH	1	*3
-33	176-48296-1		. . FITTING, 200 gal underwing fuel tank internal sway brace lower LH	1	*3
	176-48296-2		. . FITTING, 200 gal underwing fuel tank internal sway brace lower RH	1	*3
-34	176-48295-1		. . FITTING ASSY, 200 gal underwing fuel tank internal sway brace upper LH	1	*3
	176-48295-2		. . FITTING ASSY, 200 gal underwing fuel tank internal sway brace upper RH	1	*3
-35	RL28SB9		. . . RING, (Rosan)	1	*3
	RD208SH9L		. . . INSERT, (Rosan)	1	*3
-36	176-48294		. . BRACE, 200 gal underwing fuel tank internal sway	1	*3
-37	AN5-20A		. . BOLT	2	*3
-38	AN960D516		. . WASHER	4	*3
-39	AN365-524		. . NUT	2	*3
-40	176-48267		. GASKET, 200 gal underwing fuel tank aft split	1	*3
-41	176-48266		. GASKET, 200 gal underwing fuel tank fwd split	1	*3

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE CODE
54-42	NAS224-10	.							SCREW, Brazier head Phillips recess 7/16-20	2	*3
	No Number	.							WASHER, Series 205AC3/8 seal (Wolfe, Franklin)	2	*3
-43	176-48252	.							TANK ASSY, 200 gal underwing fuel center section	1	*3
-44	176-48271	.	.						RING ASSY, 200 gal underwing fuel tank outlet	1	*3
-45	176-48269	.	.						GASKET, 200 gal underwing fuel tank	1	*3
-46	176-48262	.	.						ADAPTER ASSY, 200 gal underwing fuel tank filler cap (altered from AN4122-3)	1	*3,*1
-47	AN416-1	.	.						PIN	1	*3,*1
-48	176-48274-3	.	.						CAP ASSY, 200 gal underwing fuel tank filler (altered from 39B5435)	1	*3,*1
	191-48274-3	.	.						CAP ASSY, 200 gal underwing fuel tank filler	1	*4
-49	NAS221-11	.	.						SCREW, Brazier head Phillips recess alloy steel 10-32	16	*3
-50	AN960D10L	.	.						WASHER	16	*3
-51	No Number	.	.						WASHER, Series 205AC10 seal (Wolfe, Franklin)	16	*3
-52	161-48322	.	.						SCREW, Drop fuel tank drain	1	*3
-53	AN960D416L	.	.						WASHER	1	*3
-54	No Number	.	.						WASHER, Series 205AC1/4 seal (Wolfe, Franklin)	1	*3
-55	NAS146DH20	.							BOLT, Internal wrenching steel 3/8-24	2	*3
-56	176-48322-3	.							FITTING, Fuel tank sway brace tank attaching LH	2	*3
	176-48322-4	.							FITTING, Fuel tank sway brace tank attaching RH	2	*3
-57	MS29513-12	.							PACKING	2	*3
-58	175-48320	.							MECHANISM ASSY, Fuel tank release (see fig. 70 for breakdown)	1	*3
-59	203-48312	.							DECAL, 200 gal underwing fuel tank instl instructions	2	A

* When ordering replacement tanks see figure 49, those part numbers represent complete kits of parts which include these tank assemblies plus all necessary installation parts.

200 gallon drop tanks 176-48250-1 and -2 will be reidentified with part No. 176-48250-41 and -42, 176-48250-31 and -32 will be reidentified with part No. 176-48250-61 and -62 when reworked per T. O. 6J14-2-4-526.

\# 176-48250-41 LH or 176-48250-42 RH tank together with 176-48286 or 176-48286-25 aft fairing and 176-48298 cover and NAS227-7 and NAS221-15 screws is interchangeable with 176-48250-61 or -51 LH or 176-48250-62 or -52 RH tank together with 176-48331-1 or -51 LH or 176-48331-2 or -52 RH aft fairing.

*1 Used on 176-48278-1 and -2
*2 Used on 176-48250-61, -62, -51 and -52
*3 Used on 176-48250-41, -42, -61 and -62, -51 and -52
*4 191-48274-3 (altered from CM2483 Eaton) supersedes 176-48274-3 together with 176-48262 and AN416-1

USEABLE ON CODE: A 51-2928 and subs

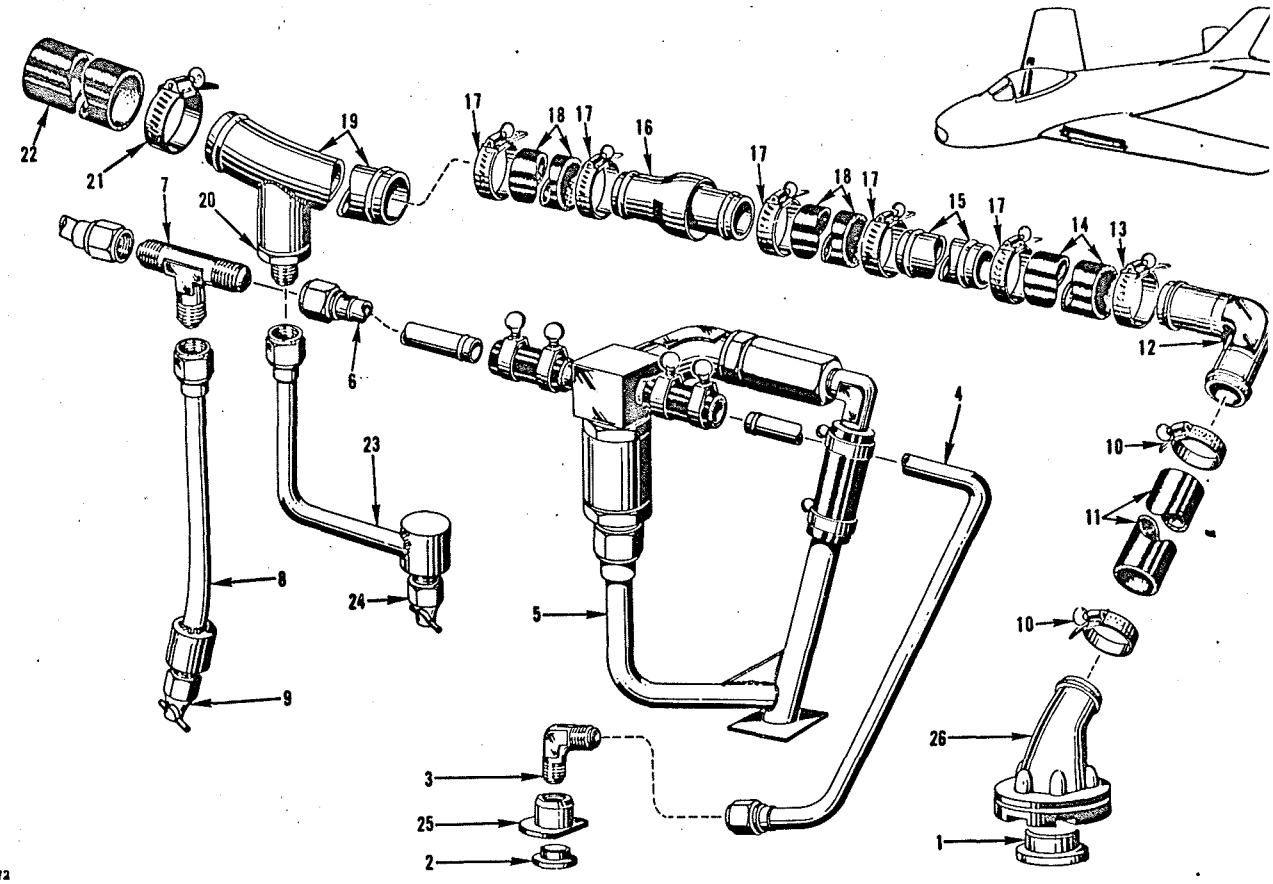


FIGURE 55 - DROP TANK LEADING EDGE FUEL AND PRESSURE EQUIPMENT INSTALLATION (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE CODE
55	170-48202-1	FUEL AND PRESSURE EQUIPMENT INSTL, Drop tank leading edge LH (Modification) (see figure 23 for next assy)	NP	*1
	170-48202-2	FUEL AND PRESSURE EQUIPMENT INSTL, Drop tank leading edge RH (Modification) (see figure 23 for next assy)	NP	*1
-1	161-48273	. PLUG, Drop fuel tank air line disconnect	1	*1
-2	161-48274-11	. PLUG, Drop fuel tank fuel disconnect	1	*1
-3	AN833-6D	. ELBOW	1	*1
-4	170-48814-4	. LINE ASSY, Drop tank pressure relief valve to drop tank elbow LH	1	*1
	170-48814-5	. LINE ASSY, Drop tank pressure relief valve to drop tank elbow RH	1	*1
-5	172-48207-1	. VALVE ASSY, Drop tank pressure and thermal relief LH (see figure 48 for breakdown)	1	*1
	172-48207-2	. VALVE ASSY, Drop tank pressure and thermal relief RH (see figure 48 for breakdown)	1	*1
-6	170-48814-3	. LINE ASSY, Drop tank pressure tee to pressure relief valve	1	*1
-7	AN824-6D	. TEE	1	*1
-8	170-48807	. LINE ASSY, Drop fuel tank air pressure drain	1	*1
-9	CCA4850	. . DRAINCOCK, (Curtis Auto.)	1	*1
-10	AN737-46	. CLAMP	2	*1
-11	3H2-16-15	. HOSE, (North American)	1	*1
-12	AN847-16D	. ELBOW	1	*1
-13	AN737-46	. CLAMP	2	*1
-14	3H2-16-41	. HOSE, (North American)	1	*1
-15	170-48814-54	. LINE, Drop tank fuel check valve to drop tank fitting	1	*1
-16	W1500-1E	. VALVE, Check (Whittaker)	1	*1
-17	AN737-46	. CLAMP	4	*1
-18	3H2-16-15	. HOSE, (North American)	2	*1
-19	172-48813-1	. LINE ASSY, Fuel drop tank WLE sta 49 to sta 43 transition LH	1	*1
	172-48813-2	. LINE ASSY, Fuel drop tank WLE sta 49 to sta 43 transition RH	1	*1
-20	AN815-6D	. . UNION	1	*1
	934-89	. . PACKING	1	*1
-21	AN737TW56	. CLAMP	2	*1
-22	3H2-20-15	. HOSE, (North American)	1	*1
-23	170-48808	. LINE ASSY, Drop fuel tank fuel line to fwd fuel cell drain	1	*1
-24	CCA4850	. . DRAINCOCK, (Curtis Auto.)	1	*1
-25	161-48370	FITTING, Drop fuel tank fuel disconnect (refer to fig. 23)	Ref	
-26	161-48369	FITTING, Drop fuel tank fuel disconnect (refer to fig. 23)	Ref	

*1 Used on airplanes coded AF51-2850 thru AF51-2927 that have been modified per T.O. IF-86-109

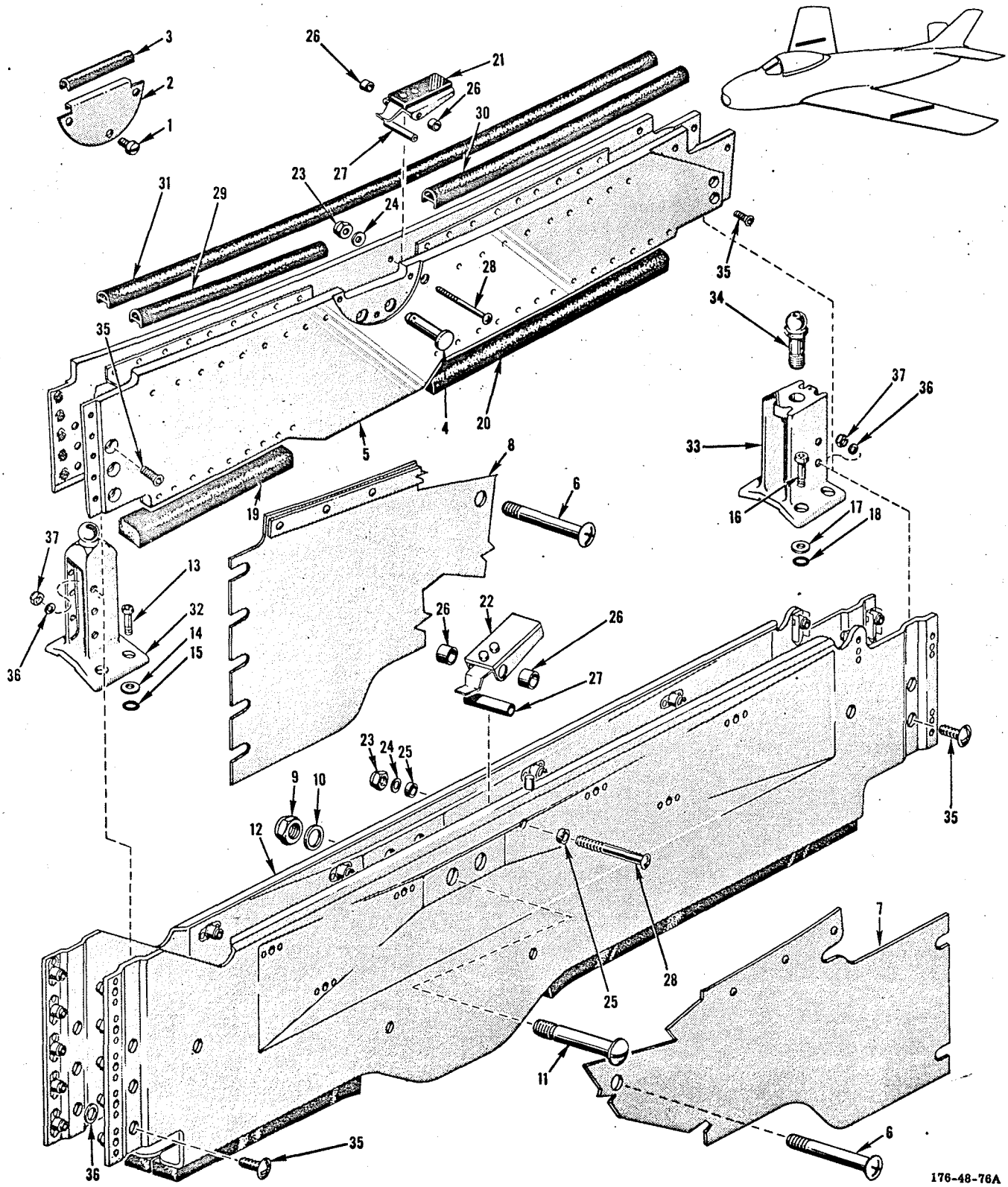


FIGURE 56 - 200 GALLON UNDERWING FUEL TANK BEAM AND ATTACHING PARTS

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
56	No Number								200 GAL UNDERWING FUEL TANK BEAM AND ATTACHING PARTS (see figure 54 for next assy)	NP	A
-1	AN500A8-8	*			.				SCREW	3	A
-2	176-48287	*			.				COVER ASSY, 200 gallon underwing fuel tank beam	1	A
-3	176-48290-9				.	.			SEAL, 200 gallon underwing fuel tank beam	1	A
-4	AN398-71	*			.				PIN	2	A
-5	176-48280-1	*			.				BEAM ASSY, 200 gallon underwing fuel tank beam LH (whn exh use 176-48280-21)	1	A
	176-48280-2	*			.				BEAM ASSY, 200 gallon underwing fuel tank beam RH (whn exh use 176-48280-22)	1	A
	176-48280-21	*			.				BEAM ASSY, 200 gallon underwing fuel tank beam LH (use 176-48280-1 untl exh)	1	A
	176-48280-22	*			.				BEAM ASSY, 200 gallon underwing fuel tank beam RH (use 176-48280-2 untl exh)	1	A
	176-48281-1				.	.			PLATE, 200 gal underwing fuel tank beam inboard LH	1	*1
	176-48281-2				.	.			PLATE, 200 gal underwing fuel tank beam inboard RH	1	*1
	176-48282-1				.	.			PLATE, 200 gal underwing fuel tank beam outboard LH	1	*1
	176-48282-2				.	.			PLATE, 200 gal underwing fuel tank beam outboard RH	1	*1
-6	SP1561-1032-11	*			.				SCREW, (Shakeproof)	12	A
-7	191-48281-1	*			.				FAIRING ASSY, 200 gal underwing fuel tank steel beam inbd LH	1	A
	191-48281-2	*			.				FAIRING ASSY, 200 gal underwing fuel tank steel beam inbd RH	1	A
-8	191-48282-1	*			.				FAIRING ASSY, 200 gal underwing fuel tank steel beam outbd LH	1	A
	191-48282-2	*			.				FAIRING ASSY, 200 gal underwing fuel tank steel beam outbd RH	1	A
-9	AN364-420	*			.				NUT	2	A
-10	2W18-816	*			.				WASHER	2	A
-11	AN28-36	*			.				BOLT	2	A
-12	191-48280	*			.				BEAM ASSY, 200 gallon underwing fuel tank steel (whn exh use 191-48280-11)	1	A
	191-48280-11	*			.				BEAM ASSY, 200 gallon underwing fuel tank steel (use 191-48280 untl exh)	1	A
	ATTACHING PARTS										
-13	NAS147-29				.				BOLT, Internal wrenching steel 7/16-20	4	*1,*2
-14	176-48288-3				.				WASHER, 200 gallon underwing fuel tank post attaching seal	4	*1,*2
-15	934-89				.				PACKING	4	*1,*2
-16	NAS146-22				.				BOLT, Internal wrenching steel 3/8-24	4	*1,*2
-17	176-48288-5				.				WASHER, 200 gallon underwing fuel tank	4	*1,*2
-18	934-7				.				PACKING	4	*1,*2
	---*---										
-19	176-48280-11				.	.			STRIP, Sponge rubber	1	*1
-20	176-48280-13				.	.			STRIP, Sponge rubber	1	*1
-21	191-48308-11				.	.			LEVER ASSY, Manual fuel tank jettison (use 191-48308 untl exh)	1	*2
-22	170-48308-10				.	.			LEVER ASSY, Manual fuel tank jettison	1	*1
-23	AN365-1032				.	.			NUT	1	*1
-24	2W18D10				.	.			WASHER, Plain (North American)	1	*2
	AN960D10L				.	.			WASHER	1	*1,*2
-25	191-48280-5				.	.			SPACER, 200 gallon underwing fuel tank steel beam	2	*2
-26	NAS43DD5-11				.	.			SPACER, Screw and bolt	2	*1
	NAS43DD5-18				.	.			SPACER, Screw and bolt	2	*2
-27	NAS43DD5-86				.	.			SPACER, Screw and bolt	1	*1
	NAS43DD5-104				.	.			SPACER, Screw and bolt	1	*2
-28	NAS221-45				.	.			SCREW, Brazier head Phillips recess alloy steel 10-32	1	*1
	AN393-63				.	.			PIN, Flat head 3-16	1	*2
-29	176-48290-7				.	.			SEAL, 200 gallon underwing fuel tank beam upper	1	*1
-30	176-48290-5				.	.			SEAL, 200 gallon underwing fuel tank beam upper	1	*1
-31	176-48290-3				.	.			SEAL, 200 gallon underwing fuel tank beam upper	1	*1
-32	176-48284-3				.	.			POST, 200 gallon underwing fuel tank	1	*1,*2
-33	176-48307-3				.	.			POST, 200 gallon underwing fuel tank aft	1	*1
	176-48307-11				.	.			POST, 200 gallon underwing fuel tank aft	1	*2
-34	176-48308				.	.			BALL, 200 gallon underwing fuel tank	1	*1
	191-48279				.	.			BALL, 200 gallon underwing fuel tank	1	*2
-35	NAS335A7-5				.	.			SCREW, 100° close tolerance high strength 5/16-24	10	*1
	NAS223-12				.	.			SCREW, Brazier head Phillips recess alloy steel 5/16-24	10	*2
-36	AN960D416				.	.			WASHER	10	*1,*2
-37	AN365-524				.	.			NUT	10	*1,*2

* 176-48280-1 and -2 or -21 and -22 beam together with AN500A8-8 screw, 176-48287 cover and AN398-71 pin are interchangeable with 191-48280 and -11 beam together with SP1561-1032-11 screws, 191-48281-1 or -2 fairing, 191-48282-1 or -2 fairing, AN364-420 nut, 2W18-816 washer and AN28-36 bolt as sets (one (1) set for each tank) only.

*1 Used on 176-48280-1 and -2 and 176-48180-21 and -22.
*2 Used on 191-48280 and 191-48280-11.

USEABLE ON CODE: A 51-2928 and subs

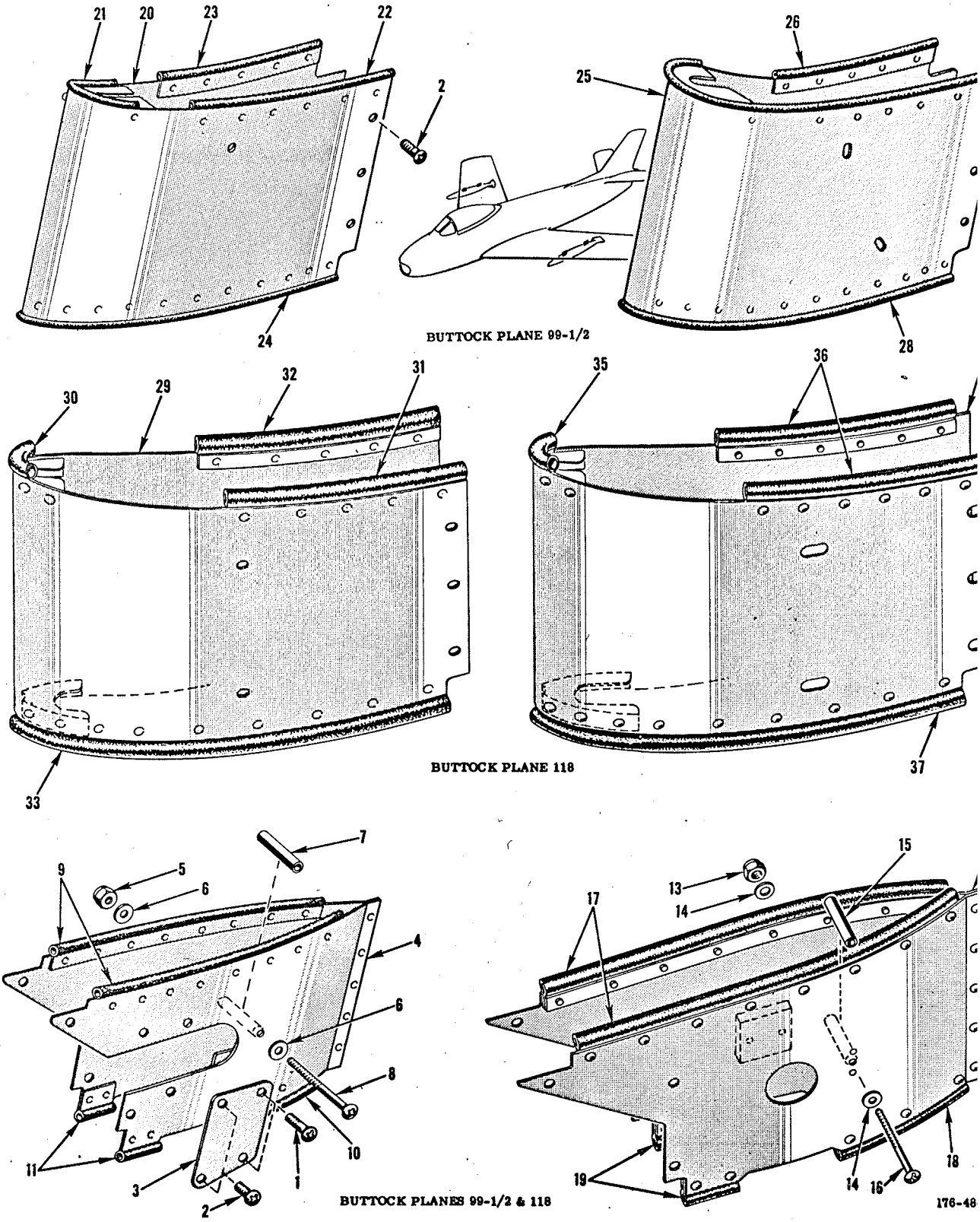


FIGURE 57 - 200 GALLON UNDERWING FUEL TANK FAIRING ASSEMBLIES

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
57	No Number	200 GALLON UNDERWING FUEL TANK FAIRING ASSEMBLIES (see figure 52 for next assy)	Ref	A
-1	NAS221-7	. SCREW, Brazier head Phillips recess alloy steel 10-32	2	A*1
-2	NAS221-15	. SCREW, Brazier head Phillips recess alloy steel 10-32	6	A*1
-3	176-48298	. COVER, 200 gallon underwing fuel tank aft fairing slot	1	A*1
-4	176-48286	. FAIRING ASSY, 200 gallon underwing fuel tank aft (whn exh use 176-48286-25)	1	A*1
	176-48286-25	. FAIRING ASSY, 200 gallon underwing fuel tank aft (use 176-48286 until exh)	1	A*1
-5	AN364-1032	. . NUT	1	A
-6	AN960D10L	. . WASHER	2	A
-7	NAS43DD3-88	. . SPACER, Screw and bolt	1	A
-8	NAS221-29	. . SCREW, Brazier head Phillips recess alloy steel 10-32	1	A
-9	5W1-6-10-15	. . WEATHERSEAL, (North American)	1	A
-10	5W1-6-3-8	. . WEATHERSEAL, (North American)	1	A
-11	5W1-6-1-8	. . WEATHERSEAL, (North American)	1	A
-12	176-48331-1	. FAIRING ASSY, 200 gallon underwing fuel tank aft LH (whn exh use 176-48331-51)	1	A*1
	176-48331-51	. FAIRING ASSY, 200 gallon underwing fuel tank aft LH (use 176-48331-1 until exh)	1	A*1
	176-48331-2	. FAIRING ASSY, 200 gallon underwing fuel tank aft RH (whn exh use 176-48331-52)	1	A*1
	176-48331-52	. FAIRING ASSY, 200 gallon underwing fuel tank aft RH (use 176-48331-2 until exh)	1	A*1
-13	AN364-1032	. . NUT	1	A
-14	AN960D10L	. . WASHER	2	A
-15	NAS43DD3-128	. . SPACER, Screw and bolt	1	A
-16	NAS221-39	. . SCREW, Brazier head Phillips recess alloy steel 10-32	1	A
-17	5W1-6-10-15	. . WEATHERSEAL, (North American)	1	A
-18	5W1-6-3-8	. . WEATHERSEAL, (North American)	1	A
-19	5W1-6-1-8	. . WEATHERSEAL, (North American)	1	A
-20	176-48328-1	. FAIRING ASSY, 200 gallon underwing fuel tank forward LH BP99 1/2 (whn exh use 191-48284-1)	1	B,*3
	176-48328-2	. FAIRING ASSY, 200 gallon underwing fuel tank forward RH BP99 1/2 (whn exh use 191-48284-2)	1	B,*3
-21	5W1-4-4	. . WEATHERSEAL, (North American)	1	B
-22	5W1-4-8-12	. . WEATHERSEAL, (North American)	1	B
-23	5W1-4-7-10	. . WEATHERSEAL, (North American)	1	B
-24	5W1-4-29	. . WEATHERSEAL, (North American)	1	B
-25	191-48284-1	. FAIRING ASSY, 200 gallon underwing fuel tank BP99 1/2 universal fwd LH (use 176-48328-1 until exh)	1	B,*3
	191-48284-2	. FAIRING ASSY, 200 gallon underwing fuel tank BP99 1/2 universal fwd RH (use 176-48328-2 until exh)	1	B,*3
-26	5W1-9-7-10	. . WEATHERSEAL, (North American)	1	B
-27	5W1-9-17-14	. . WEATHERSEAL, (North American)	1	B
-28	5W1-9-29-4	. . WEATHERSEAL, (North American)	1	B
-29	176-48285-1	. FAIRING ASSY, 200 gallon underwing fuel tank forward LH BP118	1	C*2
	176-48285-2	. FAIRING ASSY, 200 gallon underwing fuel tank forward RH BP118	1	C*2
-30	5W1-4-3-6	. . WEATHERSEAL, (North American)	1	C
-31	5W1-4-6-9	. . WEATHERSEAL, (North American)	1	C
-32	5W1-4-6-9	. . WEATHERSEAL, (North American)	1	C
-33	5W1-6-22-12	. . WEATHERSEAL, (North American)	1	C
-34	191-48285-1	. FAIRING ASSY, 200 gallon underwing fuel tank forward LH BP118 universal	1	C*2
	191-48285-2	. FAIRING ASSY, 200 gallon underwing fuel tank forward RH BP118 universal	1	C*2
-35	5W1-6-4-0	. . WEATHERSEAL, (North American)	1	C
-36	5W1-6-6-14	. . WEATHERSEAL, (North American)	2	C
-37	5W1-8-23-8	. . WEATHERSEAL, (North American)	1	C

*1 176-48250-1 LH or 176-48250-2 RH tank together with 176-48286 or 176-48286-25 aft fairing and 176-48298 cover and NAS227-7 and NAS221-15 screws is interchangeable with 176-48250-31 or -51 LH or 176-48250-32 or -52 RH tank together with 176-48331-1 or -51 LH or 176-48331-2 or -52 RH aft fairing.

*2 176-48285-1 and -2 are interchangeable with 191-48285-1 and -2 on airplanes noted. 191-48285-1 and -2 front fairings can be used on airplanes noted equipped with extended leading edges or slat leading edges. 176-48285-1 and -2 fairings are OK to use on airplanes noted equipped with slat leading edges but must be reworked per T. O. 1F-86F-2 before being installed on extended leading edges. 176-48285-1 and -2 are to be replaced with 191-48285-1 and -2 per T. O. 03-10JA-82.

*3 176-48328-1 and -2 are replaced with 191-48284-1 and -2 when reworked per T. O. 03-10JA-82.

USEABLE ON CODE:
A 51-2928 and subs
B 51-2928 thru 51-13169
C 51-13170 and subs

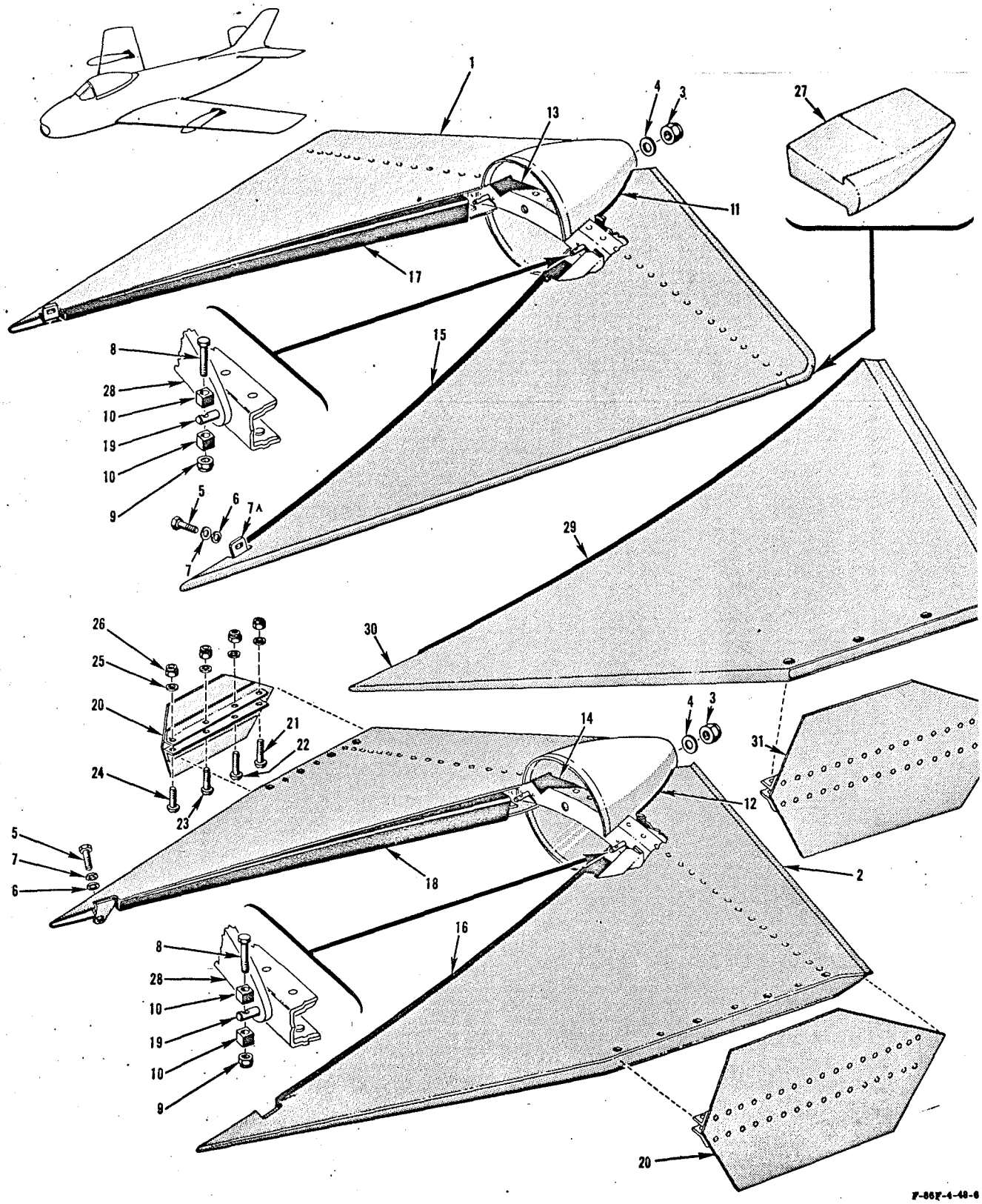


FIGURE 58 - 200 GALLON UNDERWING FUEL TANK FIN ASSEMBLY AND ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
58	No Number		200 GALLON UNDERWING FUEL TANK FIN ASSEMBLY AND ATTACHING PARTS, (see figure 54 for next assembly)	NP	A
-1	176-48255	.	FIN ASSEMBLY, 200 gallon underwing fuel tank (whn exh use 191-48255)	1	A
-2	191-48255	.	FIN ASSEMBLY, 200 gallon underwing fuel tank (use 176-48255 unti exh)	1	A
	ATTACHING PARTS				
-3	AN365-428	.	NUT	1	A,*1,*2
-4	AN960D416	.	WASHER	1	A,*1,*2
-5	AN4-7A	.	BOLT	2	A,*1,*2
-6	205AC1/4	.	WASHER, Loc-O-Seal (Wolfe, Franklin)	2	A,*1,*2
-7	AN960D416	.	WASHER	2	A,*1,*2
-7A	176-48255-31	.	SUPPORT, Fin assembly	2	*1,*3
	191-48256-5	.	SUPPORT, Fin assembly	2	*1,*4
	176-48255-32	.	SUPPORT, Fin assembly LH	1	*1,*3
	191-48256-6	.	SUPPORT, Fin assembly RH	1	*1,*4
-8	AN4-20A	.	BOLT	2	A,*1,*2
-9	AN364-428	.	NUT	2	A,*1,*2
-10	176-48260	.	BUSHING, 200 gallon underwing fuel tank fin attaching	4	A,*1,*2
	---*---				
-11	176-48270-1	. .	SEAL, 200 gallon underwing fuel tank fin aft LH	1	A,*1
-12	191-48270-1	. .	SEAL, 200 gallon underwing fuel tank fin aft LH	1	A,*2
-13	176-48270-2	. .	SEAL, 200 gallon underwing fuel tank fin aft RH	1	A,*1
-14	191-48270-2	. .	SEAL, 200 gallon underwing fuel tank fin aft RH	1	A,*2
-15	176-48318-1	. .	SEAL, 200 gallon underwing fuel tank fin LH	1	A,*1,*3
-16	191-48318-1	. .	SEAL, 200 gallon underwing fuel tank fin LH	1	A,*2
-17	176-48318-2	. .	SEAL, 200 gallon underwing fuel tank fin RH	1	A,*1,*3
-18	191-48318-2	. .	SEAL, 200 gallon underwing fuel tank fin RH	1	A,*2
-19	176-48254	. .	PIN, 200 gallon underwing fuel tank aft fin attaching	1	A,*1,*2
	191-48255-29	. .	PLATE ASSY, 200 gallon underwing fuel tank fin LH	1	A,*2
	191-48255-30	. .	PLATE ASSY, 200 gallon underwing fuel tank fin RH	1	A,*2
-20	191-48255-5	. . .	PLATE, 200 gallon underwing fuel tank fin	1	A,*2
-21	NAS221-15	. .	SCREW, Brazier head Phillips recess alloy steel 10-32	1	A,*2
-22	NAS221-23	. .	SCREW, Brazier head Phillips recess alloy steel 10-32	1	A,*2
-23	NAS221-20	. .	SCREW, Brazier head Phillips recess alloy steel 10-32	1	A,*2
-24	NAS221-18	. .	SCREW, Brazier head Phillips recess alloy steel 10-32	1	A,*2
-25	AN960D10L	. .	WASHER	4	A,*2
-26	AN364-1032	. .	NUT	4	A,*2
-27	176-48258	. .	FAIRING, 200 gallon underwing fuel tank fin tip	4	A,*1
-28	176-48256	.	BRACKET ASSY, 200 gallon underwing fuel tank aft fin attaching (see figure 54)	Ref	
-29	191-48318-1	.	SEAL, 200 gallon underwing fuel tank fin LH	1	*1,*4
	191-48318-2	.	SEAL, 200 gallon underwing fuel tank fin RH	1	*1,*4
-30	191-48256-17	.	SKIN ASSY, 200 gallon underwing fuel tank fin LH	1	*1,*4
	191-48256-18	.	SKIN ASSY, 200 gallon underwing fuel tank fin RH	1	*1,*4
-31	191-48256-15	.	PLATE ASSY, 200 gallon underwing fuel tank fin LH	1	*1,*4
	191-48256-16	.	PLATE ASSY, 200 gallon underwing fuel tank fin RH	1	*1,*4

*1 Used on 176-48255
*2 Used on 191-48255

USEABLE ON CODE: A 51-2928 and subs

Parts coded *3 are to be removed and replaced by like items coded *4 per T. O. 6J14-2-4-526.

200 gallon drop tanks 176-48250-1 and -2 will be reidentified with part No. 176-48250-41 and -42, 176-48250-31 and -32 will be reidentified with part No. 176-48250-61 and -62 when reworked per T. O. 6J14-2-4-526.

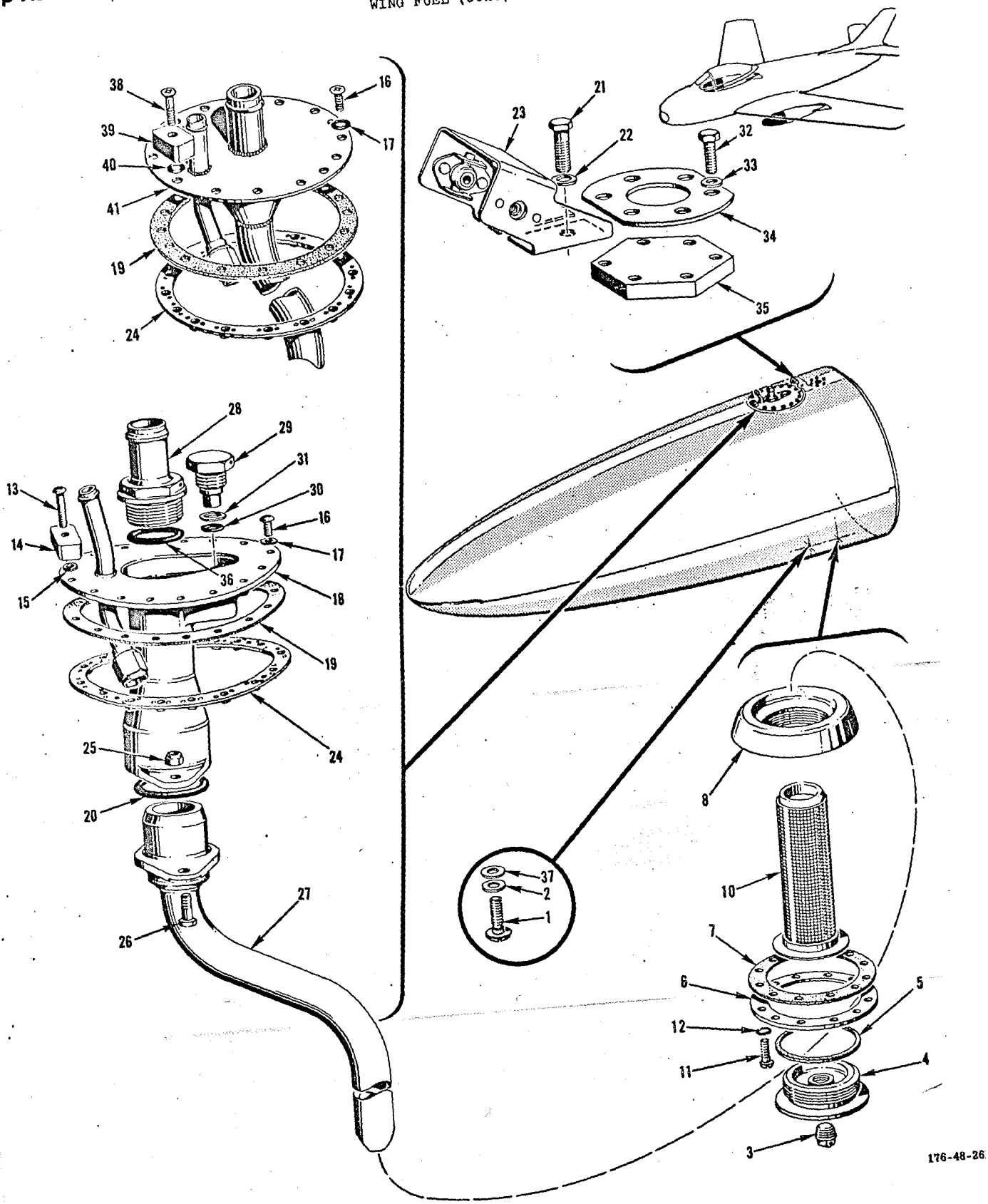


FIGURE 59 - FORWARD SECTION 120 AND 200 GALLON DROP FUEL TANK ASSEMBLIES

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
59		FORWARD SECTION 120 AND 200 GALLON DROP FUEL TANK ASSEMBLIES		
	172-48251	. COMPARTMENT ASSEMBLY, 120 gallon drop fuel tank forward (see figure 53 for next assy)	Ref	
	172-48251-201	. COMPARTMENT ASSEMBLY, 120 gallon drop fuel tank forward LH (see figure 53 for next assy)	Ref	B
	172-48251-202	. COMPARTMENT ASSEMBLY, 120 gallon drop fuel tank forward RH (see figure 53 for next assy)	Ref	B
	176-48251	. TANK ASSEMBLY, 200 gallon underwing fuel forward section (see figure 54 for next assy)	Ref	A
-1	161-48322	. . SCREW, Drain drop fuel tank	1	
-2	AN960D416L	. . WASHER	1	
-3	AN913-1	. . PLUG	1	
-4	134-48331	. . PLUG, Combat fuel tank strainer retaining	1	
-5	AN900-34	. . GASKET	1	
-6	161-48285	. . RETAINER, Drop fuel tank strainer supporting flange	1	
-7	161-48284	. . GASKET, Drop fuel tank strainer supporting flange	1	
-8	161-48283	. . FLANGE, Drop fuel tank strainer support	1	
-9	DELETED			
-10	120-48528	. . STRAINER ASSEMBLY, Drop fuel tank	1	
	120-48546	. . . COLLAR, 120 and 200 gallon drop fuel tank strainer	1	
-11	NAS221-10	. . SCREW, Brazier head Phillips recess alloy steel 10-32	12	
-12	AN935-10	. . WASHER	12	
-13	NAS221-18	. . SCREW, Brazier head Phillips recess alloy steel 10-32	1	*1
-14	161-48339-3	. . BLOCK, Fuel drop tank fairing stop	1	*1
-15	934-3	. . PACKING	1	*1
-16	NAS221-9	. . SCREW, Brazier head Phillips recess alloy steel 10-32	15	
-17	205AC10	. . WASHER, Loc-O-Seal (Wolfe, Franklin)	15	
-18	172-48268	. . COVER ASSEMBLY, Fuel drop tank	1	*1
-19	161-48280	. . GASKET, Drop fuel tank access door flange	1	
-20	934-29	. . PACKING	1	*1
-21	AN4-5A	. . BOLT	2	
-22	205AC1/4	. . WASHER, Loc-O-Seal (Wolfe, Franklin)	2	
-23	172-48254	. . BRACKET ASSEMBLY, Drop fuel tank fairing attaching	1	
	191-48254-1	. . BRACKET ASSEMBLY, Drop fuel tank fairing attaching LH	1	*4
	191-48254-2	. . BRACKET ASSEMBLY, Drop fuel tank fairing attaching RH	1	*4
-24	161-48277-11	. . FLANGE ASSEMBLY, Drop fuel tank access hole	1	
	176-48271	. . RING ASSEMBLY, 200 gallon underwing fuel tank outlet	1	A
-25	AN365-428	. . NUT	2	*1
-26	AN4-10A	. . BOLT	2	*1
-27	172-48292	. . LINE ASSEMBLY, Drop fuel tank fuel feed	1	*1
-28	172-48298	. . NIPPLE, Drop fuel tank	1	*1
-29	172-48269-3	. . SEAL, Drop fuel tank solenoid	1	*1
-30	934-10	. . PACKING	1	*1
-31	2W1AL32-26-20	. . WASHER, Plain (North American)	1	*1
-32	AN3H4A	. . BOLT	6	*3
-33	205AC10	. . WASHER, Loc-O-Seal (Wolfe, Franklin)	6	*3
-34	172-48256	. . GASKET, Drop fuel tank pressure relief valve	1	*3
-35	172-48291	. . COVER, Drop fuel tank pressure relief valve mounting	1	*3
-36	934-116	. . PACKING	1	*1
-37	205AC1/4	. . WASHER, LOc-O-Seal (Wolfe, Franklin)	1	A
-38	NAS221-17	. . SCREW, Brazier head Phillips recess alloy steel 10-32	1	*2
-39	161-48339	. . BLOCK, Fuel drop tank fairing stop	1	*2
-40	205AC10	. . WASHER, Loc-O-Seal (Wolfe, Franklin)	1	*2
-41	161-48282	. . COVER ASSEMBLY, Drop fuel tank access hole	1	*2
	191-48275	. . COVER ASSEMBLY, 120 gallon cambered leading edge fairing drop tank access hole	1	*4

*1 Use part numbers coded *1 together with other part numbers coded *1 until exh.
*2 When part numbers coded *1 are exh use part numbers coded *2.
*3 Used only on tanks so equipped.
*4 Used only on 172-48251-201 and -202.

USEABLE ON CODE: A 51-2928 and subs
B 51-13170 and subs

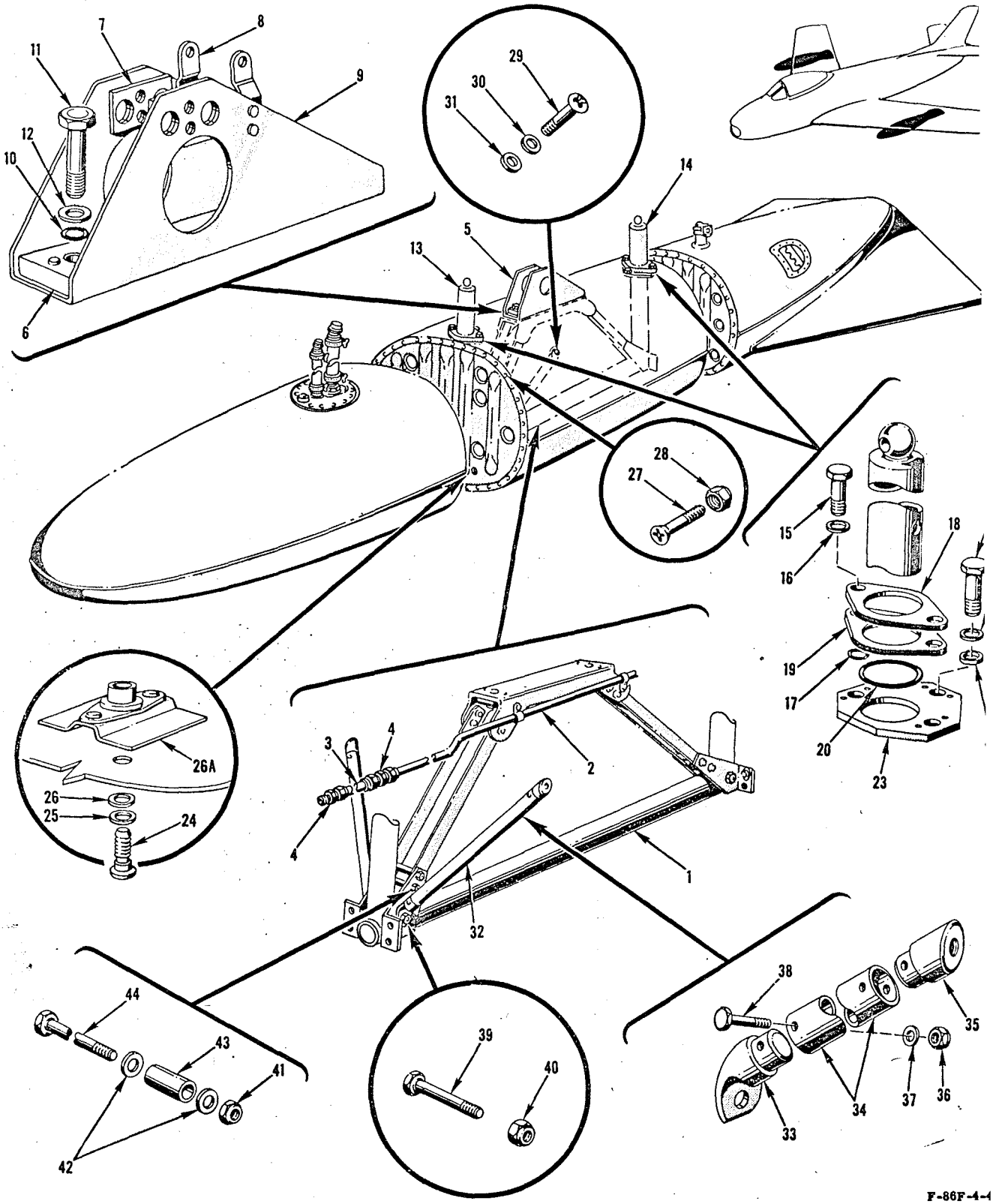


FIGURE 60 - INTERMEDIATE SECTION 120 GALLON DROPPABLE FUEL TANK ASSEMBLY

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
60	161-48252-91	TANK ASSEMBLY, 120 gallon intermediate section drop fuel (see figure 53 for next assy)	Ref	
-1	161-48298	. TRUSS ASSEMBLY, Drop fuel tank	1	
-2	161-48298-19	. . TUBE ASSEMBLY, Drop fuel tank	1	
-3	AN6264-8D13	. . HOSE ASSEMBLY, Detachable end fitting type	1	
-4	AN815-8D	. . UNION	2	
	161-48298-10	. . BRACE, Drop fuel tank RH	1	
-5	161-48259-31	. BRACKET ASSEMBLY, Drop fuel tank release mechanism (use 161-48259 untl exh)	1	
-6	161-48259-5	. . BLOCK, Drop fuel tank release mechanism bracket	2	
-7	161-48259-7	. . SPACER, Drop fuel tank release mechanism bracket	2	
-8	170-48310	. . BRACKET, Manual 120 gallon fuel tank jettison	1	
-9	161-48259-3	. . BRACKET, Drop fuel tank release mechanism	1	
-10	934-11	. PACKING	2	
-11	AN9-20A	. BOLT	2	
-12	AN960D916	. WASHER	2	
-13	161-48271-3	. POST, Drop fuel tank forward support	1	
-14	161-48271-5	. POST, Drop fuel tank aft support	1	
-15	AN3-11A	. BOLT	4	
-16	AN960D10	. WASHER	6	
-17	934-3	. PACKING	4	
-18	161-48275-5	. RETAINER, Drop fuel tank post seal (upper)	2	
-19	161-48275-3	. RETAINER, Drop fuel tank post seal (lower)	2	
-20	934-27	. PACKING	2	
-21	AN3-6A	. BOLT	2	
-22	205AC19	. WASHER, Loc-O-Seal (Wolfe, Franklin)	2	
-23	161-48323	. RETAINER ASSY, Drop fuel tank plate nut	2	
-24	161-48322	. SCREW, Drain drop fuel tank	1	
-25	AN960D416L	. WASHER	1	
-26	205AC1/4	. WASHER, Loc-O-Seal (Wolfe, Franklin)	1	
	161-48286	. BRACKET ASSY, Drop fuel tank plug	1	
-27	AN509-416R11	. SCREW	4	
-28	AN365-428	. NUT	4	
-29	NAS223-9	. SCREW, Brazier head Phillips recess alloy steel 5/16-24	2	
-30	AN960D516L	. WASHER	2	
-31	205AC5/16	. WASHER, Loc-O-Seal (Wolfe, Franklin)	2	
-32	161-48315-1	. BRACKET ASSY, Drop fuel tank fwd internal sway LH	1	
	161-48315-2	. BRACKET ASSY, Drop fuel tank fwd internal sway RH	1	
-33	161-48312	. . FITTING, Drop fuel tank internal fwd sway brace attaching	1	
-34	161-48314-3	. . TUBE, Drop fuel tank internal sway brace	1	
-35	161-48313	. . FITTING ASSY, Drop fuel tank fwd sway brace upper	1	
-36	AN365-428	. . NUT	2	
-37	AN960D416	. . WASHER	2	
-38	AN4-15A	. . BOLT	2	
-39	AN8-30	. BOLT	1	
-40	AN365-820	. NUT	1	
-41	AN365-524	. NUT	2	
-42	AN960D416	. WASHER	4	
-43	NAS43-5-76	. SPACER	2	
-44	AN5-23A	. BOLT	2	

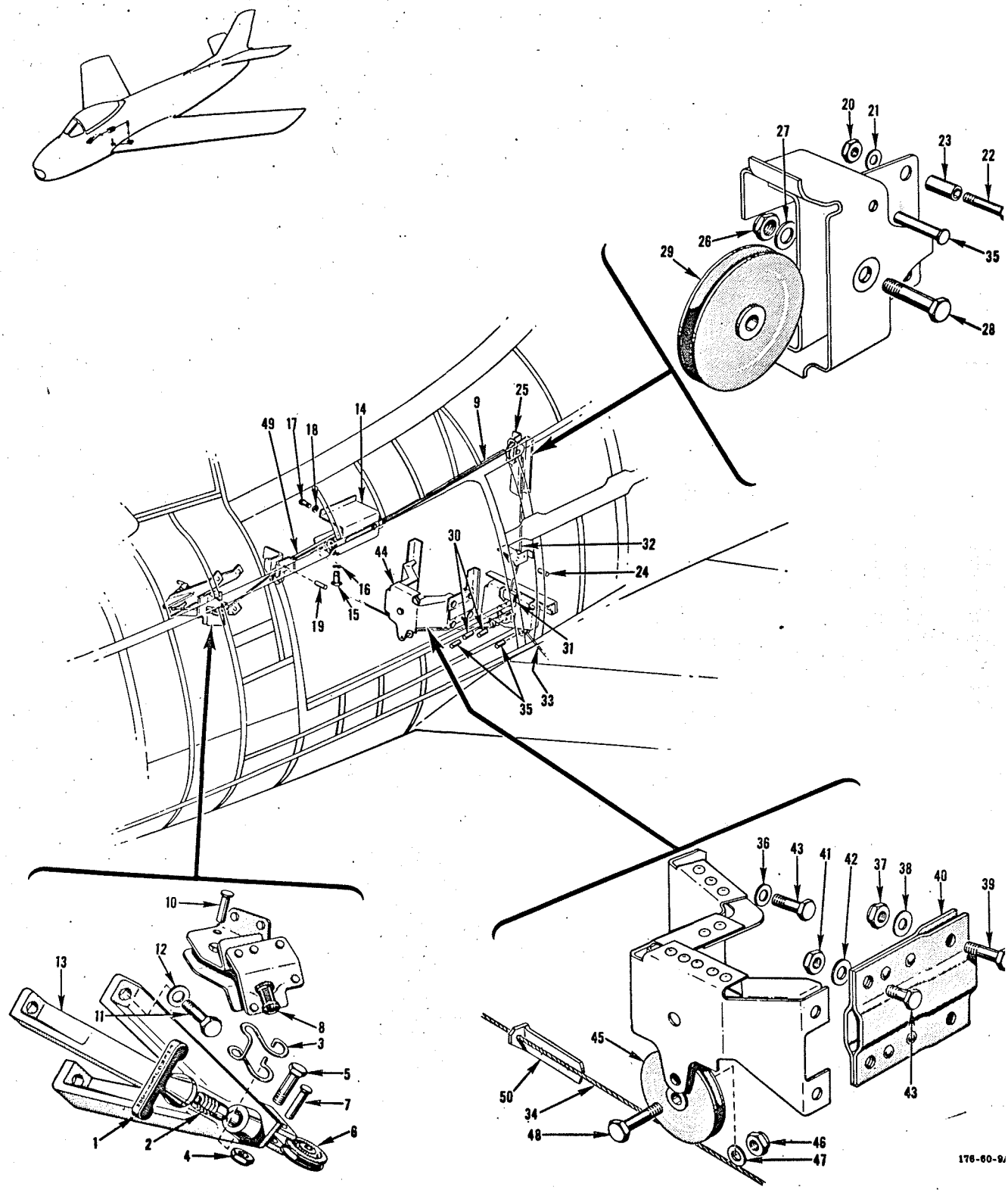


FIGURE 61 - COMPLETE EMERGENCY JETTISON MECHANISM

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
61	170-68701-10		EMERGENCY JETTISON MECHANISM INSTALLATION, Complete	NP	A
	170-68701-30		EMERGENCY JETTISON MECHANISM INSTALLATION, Complete	NP	B
	170-68701-40		EMERGENCY JETTISON MECHANISM INSTALLATION, Complete	NP	C
	170-68701-50		EMERGENCY JETTISON MECHANISM INSTALLATION, Complete	NP	D
	172-68701-1		EMERGENCY JETTISON MECHANISM INSTL, Wing outer LH (see figure 23 for next assy)	NP	*1
	172-68701-2		EMERGENCY JETTISON MECHANISM INSTL, Wing outer RH (see figure 23 for next assy)	NP	*1
	No Number		. WING EMERGENCY JETTISON EQUIPMENT, (see figure 63 for breakdown)	NP	A,B,C,D
-1	170-68730		. HANDLE ASSEMBLY, Emergency jettison	1	A,B,C,D
-2	170-68732		. RETAINER, Emergency jettison cable	1	A,B,C,D
-3	170-68731		. SPRING, Emergency jettison handle	1	A,B,C,D
-4	AN365-1032		. NUT	1	A,B,C,D
	AN960D10		. WASHER	1	A,B,C,D
-5	AN3-11A		. BOLT	1	A,B,C,D
-6	AN210-1B		. PULLEY	1	A,B,C,D
-7	NAS427K11		. PIN, Pulley guard	1	A,B,C
	NAS427K12		. PIN, Pulley guard	1	D
-8	3S10-7		. SEAL, 3/32 cable elastic pressure (North American)	1	A,B,C,D
-9	170-68751-5		. TUBE, Emergency jettison gun bay cable guard	1	A,B,C,D
-10	NAS427K9		. PIN, Pulley guard	1	A,B,C,D
-11	AN4-6A		. BOLT	3	A,B,C
	AN4-7A		. BOLT	3	D
-12	AN960D416		. WASHER	3	A,B,C,D
-13	176-68737	*2	. SUPPORT, Emergency jettison handle	1	A,B,D
-14	172-68705-10		. MECHANISM ASSY, Emergency jettison mechanism advantage (see figure 72 for breakdown)	1	D
	172-68705		. MECHANISM ASSY, Emergency jettison mechanism advantage (see figure 72 for breakdown)	1	A,B,C
-15	AN3-5A		. BOLT	3	A,B,C,D
-16	AN960D10		. WASHER	3	A,B,C,D
-17	NAS221-9		. SCREW, Brazier head Phillips recess alloy steel 10-32	4	A,B,C,D
-18	AN960D10L		. WASHER	4	A,B,C,D
-19	NAS427K9		. PIN, Pulley guard	4	A,B,C,D
-20	AN365-1032		. NUT	2	A,B,C,D
-21	AN960D10L		. WASHER	2	A,B,C,D
-22	NAS221-25		. SCREW, Brazier head Phillips recess alloy steel 10-32	2	A,B,C,D
-23	NAS43DD3-61		. SPACER, Screw	2	A,B,C,D
-24	NAS427K8		. PIN, Pulley guard	2	A,B,C,D
-25	170-68723-10		. BRACKET ASSY, Emergency jettison pulley fus sta 123 1/4	1	A,B,C,D
-26	AN365-1032		. . NUT	1	A,B,C,D
-27	AN960D10		. . WASHER	1	A,B,C,D
-28	AN3-7A		. . BOLT	1	A,B,C,D
-29	AN210-2B		. . PULLEY	1	A,B,C,D
-30	NAS427T8		. PIN, Pulley guard	2	A,B,C,D
-31	170-68724		. DIVIDER, Emergency jettison cable	1	A,B,C,D
-32	170-68738		. CABLE ASSY, Emergency jettison fuselage intermediate	1	A,B,C
	176-68712		. CABLE ASSY, Emergency jettison fuselage intermediate	1	D
-33	170-68737		. CABLE ASSY, Emergency jettison fuselage lower LH	1	A,B,C,D
-34	170-68736		. CABLE ASSY, Emergency jettison fuselage lower RH	1	A
	172-68739		. CABLE ASSY, Emergency jettison fuselage lower RH	1	B,C,D
-35	NAS427K9		. PIN, Pulley guard	2	A,B,C,D
-36	AN960D416L		. WASHER	3	A,B,C,D
-37	AN365-428		. NUT	2	A,B,C,D
-38	AN960D416L		. WASHER	2	A,B,C,D
-39	AN4-5A		. BOLT	2	A,B,C,D
-40	170-68742		. SUPPORT ASSY, Emergency jettison WCS bracket	1	A,B,C,D
-41	AN365-428		. NUT	2	A,B,C,D
-42	AN960D416		. WASHER	3	A,B,C,D
-43	AN4-5A		. BOLT	4	A,B,C,D
-44	170-68720		. BRACKET ASSY, Emergency jettison WCS pulley	1	A,B,C,D
-45	AN210-2B		. . PULLEY	1	A,B,C,D
-46	AN365-1032		. . NUT	1	A,B,C,D
-47	AN960D10		. . WASHER	2	A,B,C,D
-48	AN3-7A		. . BOLT	1	A,B,C,D
-49	170-68751-3		. TUBE, Emergency jettison gun bay cable guard	1	A,B,C,D
-50	170-68748		. FAIRLEAD, Emergency jettison cable wing center section	1	A,B
	176-68748		. FAIRLEAD, Emergency jettison cable wing center section	2	C,D

*1 Also used on airplanes modified in accordance with T. O. 1F-86-109.
*2 Refer to T. O. 1F-86-126.
USEABLE ON CODE: A 51-2850 thru 51-2877
B 51-2878 thru 51-12976
C 51-12970 thru 51-12976
D 51-13070 thru 51-13169

For airplanes 51-13170 and subs see figure 60.

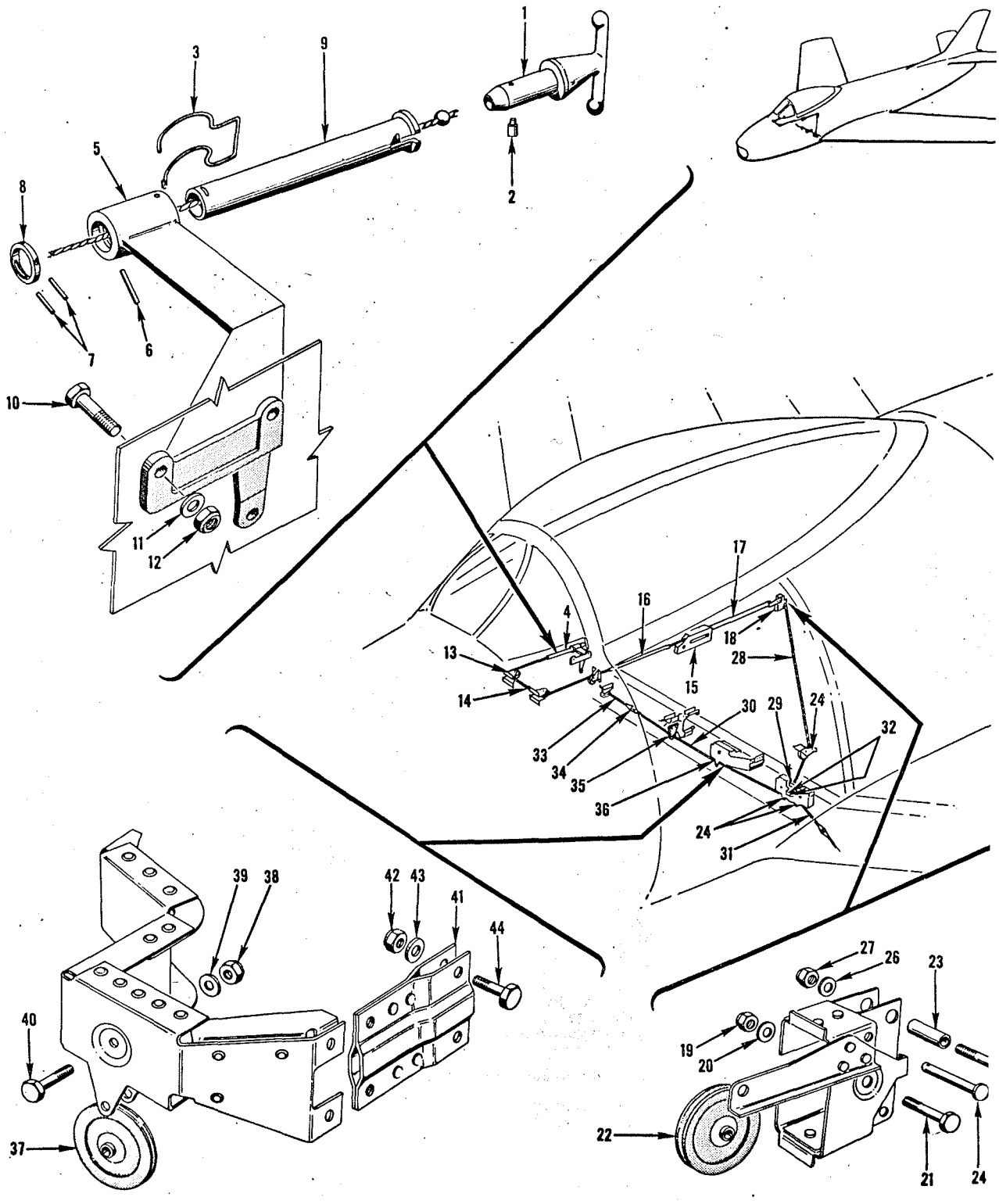


FIGURE 62 - COMPLETE EMERGENCY JETTISON MECHANISM

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
62	176-68701	EMERGENCY JETTISON MECHANISM INSTL, Complete	NP	A
	176-68701-10	EMERGENCY JETTISON MECHANISM INSTL, Complete	NP	B
	176-68701-20	EMERGENCY JETTISON MECHANISM INSTL, Complete	NP	C
	176-68701-30	EMERGENCY JETTISON MECHANISM INSTL, Complete	NP	D
	191-68702-1	EMERGENCY JETTISON MECHANISM INSTL, Wing outer LH (see figure 23 for next assembly)	NP	*1
	191-68702-2	EMERGENCY JETTISON MECHANISM INSTL, Wing outer RH (see figure 23 for next assembly)	NP	*1
	No Number	. WING EMER JETTISON EQUIP., (see figure 64 & 67 for breakdown)	NP	E,*1
-1	176-68777	. HANDLE ASSY, Emergency jettison	1	E
-2	176-68778	. PIN, Emergency jettison handle selector	1	E
-3	176-68783	. SPRING, Emergency jettison handle	1	E
-4	176-68782	. SUPPORT ASSY, Emergency jettison handle	1	E
-5	176-68776	. . SUPPORT, Emergency jettison handle	1	E
-6	176-68782-5	. . PIN	1	E
-7	176-68782-3	. . PIN	2	E
-8	176-68780	. . COLLAR, Emergency jettison handle sleeve	1	E
-9	176-68779	. . SLEEVE, Emergency jettison handle selector	1	E
-10	AN4-6A	. BOLT	3	E
-11	AN960D416	. WASHER	3	E
-12	AN365-428	. NUT	3	E
-13	NAS427K9	. PIN, Pulley guard	3	E
-14	3S10-7	. SEAL, 3/32 cable elastic pressure (North American)	1	E
-15	176-68775	. MECHANISM ASSY, Emergency jettison mechanism advantage (see figure 68 for breakdown)	1	E
-16	170-68751-3	. TUBE, Emergency jettison gun bay cable guard	1	E
-17	170-68751-5	. TUBE, Emergency jettison gun bay cable guard	1	E
-18	170-68723-10	. BRACKET ASSY, Emergency jettison pulley fus 123 1/4	1	E
-19	AN365-1032	. . NUT	1	E
-20	AN960D10	. . WASHER	2	E
-21	AN3-7A	. . BOLT	1	E
-22	AN210-2B	. . PULLEY	1	E
-23	NAS43DD3-61	. SPACER, Screw and bolt	2	E
-24	NAS427K9	. PIN, Pulley guard	6	E
-25	NAS221-25	. SCREW, Brazier head Phillips recess alloy steel 10-32	2	E
-26	AN960D10L	. WASHER	2	E
-27	AN365-1032	. NUT	2	E
-28	176-68787	. CABLE ASSY, Emergency jettison fuselage intermediate	1	E
-29	170-68724	. DIVIDER, Emergency jettison cable	1	E
-30	170-68736	. CABLE ASSY, Emergency jettison fuselage lower RH	1	E
-31	170-68737	. CABLE ASSY, Emergency jettison fuselage lower LH	1	E
-32	NAS427T8	. PIN, Pulley guard	2	E
-33	176-68768	. CABLE ASSY, Emergency jettison inbd wing RH	1	A,B,*1
	191-68772	. CABLE ASSY, Emergency jettison system BP67.796 inbd RH	1	C
-34	AN155-16L	. BARREL	1	E
-35	176-68748	. FAIRLEAD, Emergency jettison cable wing center section	2	E
-36	170-68720	. BRACKET ASSY, Emer jettison wing center section pulley	1	E
-37	AN210-1B	. . PULLEY	1	E
-38	AN365-1032	. . NUT	1	E
-39	AN960D10	. . WASHER	2	E
-40	AN3-7A	. . BOLT	1	E
-41	170-68742	. SUPPORT ASSY, Emergency jettison wing center section bracket	1	E
-42	AN365-428	. NUT	4	E
-43	AN960-416L	. WASHER	4	E
-44	AN4-5A	. BOLT	4	E

*1 Also used on airplanes modified in accordance with T. O. 1F-86-109.

USEABLE ON CODE:

A 51-13170 thru 51-13340
52-4305 thru 52-4504
52-5387 thru 52-5530
52-5106 thru 52-5271

B 51-13341 thru 51-13510
52-5272 thru 52-5386 &
52-4505 thru 52-5105

C 53-1072 thru 53-1228

D 55-3816 and subs

E 51-13170 and subs

For airplanes 51-2850 thru 51-13169 see figure 61
For airplanes modified per T. O. 1F-86F-516 see fig. 65 & 67

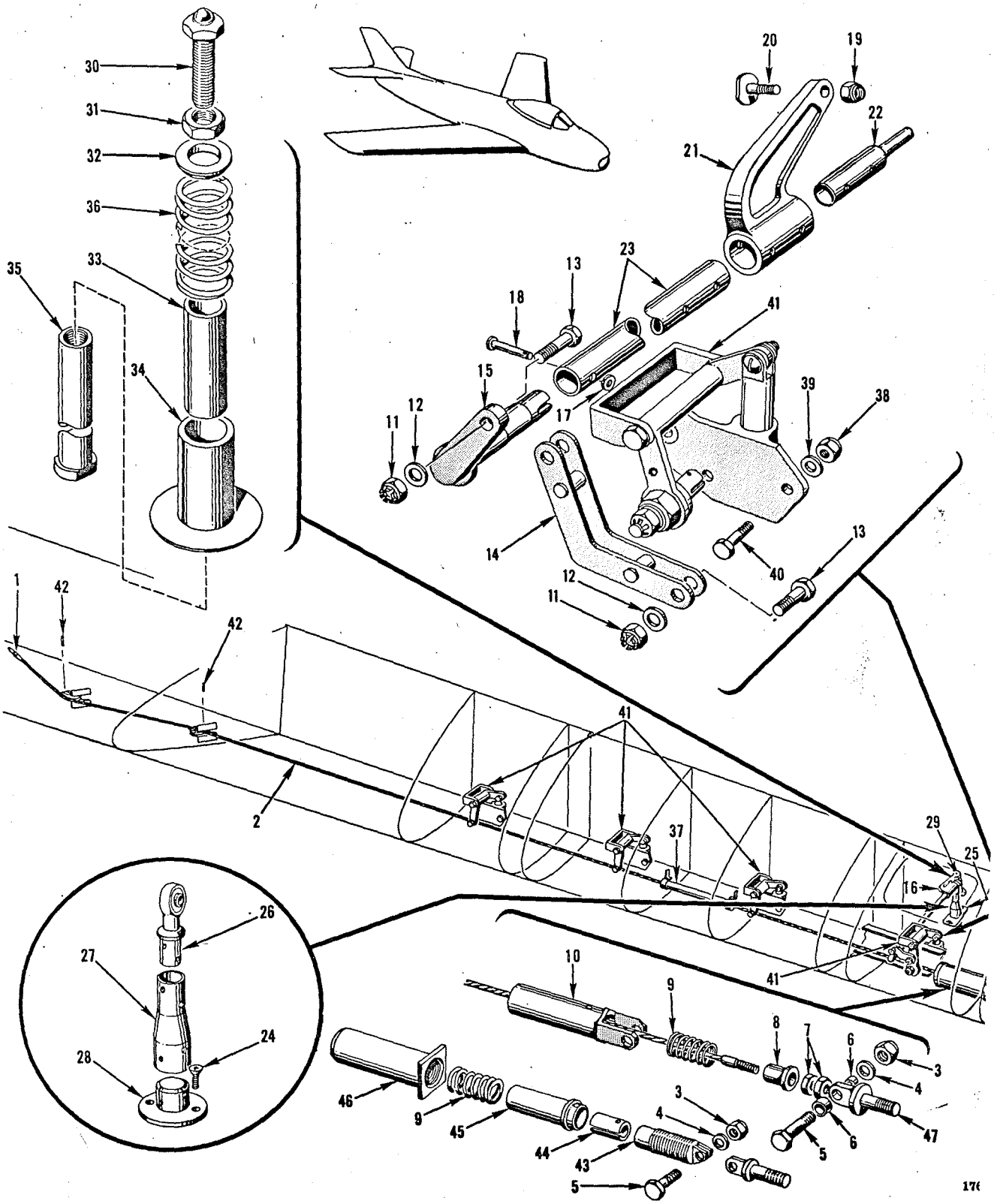


FIGURE 63 - WING EMERGENCY JETTISON EQUIPMENT

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
63	No Number	WING EMERGENCY JETTISON EQUIP., (see fig. 61 for next assy)	NP	A,B,*3
-1	155-16L	. BARREL	2	A,B
-2	170-68749	. CABLE ASSY, Emergency jettison outer wing LH	1	A
	170-68702	. CABLE ASSY, Emergency jettison outer wing RH	1	A
	170-68787	. CABLE ASSY, Emergency jettison outer wing LH	1	B
	170-68786	. CABLE ASSY, Emergency jettison outer wing RH	1	B
	AN669L3	. . TERMINAL	1	A,B
	AN663C3	. . BALL	4	A,B
	170-68744	. . TERMINAL, Emergency jettison wing cable	1	A
	AN664C3	. . TERMINAL	1	B
-3	AN310-3	. NUT	2	A,B
-4	AN960D10	. WASHER	2	A,B
-5	AN3-12	. BOLT	2	A
	AN23-12	. BOLT	2	B
-6	NAS43DD3-16	. BUSHING, Spacer	4	A
-7	AN315-3R	. NUT	4	A
-8	170-68705	. PISTON, Emergency jettison cable return bungee	2	A
-9	170-68706	. SPRING, Compression	2	A,B,*3
-10	170-68704	. CYLINDER, Emergency jettison cable return bungee	2	A
-11	AN310-3	. NUT	4	A,B
-12	AN960D10	. WASHER	4	A,B
-13	AN23-11	. BOLT	4	A,B
-14	170-68759	. LINK ASSY, Emer bomb and tank jettison leading edge	2	A,B,*3
	4B21B3-007	. BUSHING, Spacer (North American)	4	A,B
-15	170-68743	. BELLCRANK, Emergency bomb and tank jettison forward	2	A,B,*3
-16	170-63205-11	. TUBE ASSY, Bomb release mechanism torque LH	1	A,B
	170-63205-12	. TUBE ASSY, Bomb release mechanism torque RH	1	A,B
-17	AN960D10L	. . WASHER	1	A,B
-18	AN393-21	. . PIN	1	A,B
-19	AN365-428	. . NUT	1	A,B
-20	170-63207	. . PLUG, Bomb release mechanism plunger	1	A,B
-21	170-63208	. . ARM, Bomb release mechanism plunger operating	1	A,B
-22	170-63209	. . FITTING, Bomb release mechanism torque tube	1	A,B
-23	170-63206	. . TUBE, Bomb release mechanism torque	1	A,B
-24	AN509-10R10	. SCREW	4	A,B
-25	170-63210	. SUPPORT ASSY, Bomb release mechanism post	2	A,B
-26	F4W19	. . END, Spherical bearing rod (Heim)	1	A,B
-27	170-63211	. . POST, Bomb release mechanism support	1	A,B
-28	170-63212	. . FITTING, Bomb release post support	1	A,B
-29	170-68758	. PLUNGER ASSY, Emer jettison tank and bomb release (whn exh use 170-68758-10)	2	A,B
	170-68758-10	. PLUNGER ASSY, Emer jettison tank and bomb release (use 170-68758 untl exh)	1	A,B
-30	170-68768	. . BOLT ASSY, Emer jettison tank and bomb release plunger	1	*1,*2
-31	AN315-3	. . NUT	1	*1,*2
-32	170-68767	. . RETAINER, Emer jettison tank and bomb release plunger spring	1	*1,*2
-33	170-68755	. . SUPPORT, Emer jettison tank and bomb release plunger	1	*1,*2
-34	170-68754	. . GUIDE, Emer jettison tank and bomb release plunger	1	*1,*2
-35	170-68756	. . PLUNGER, Jettison tank and bomb release (whn exh use 170-68756-10)	1	*1
	170-68756-10	. . PLUNGER ASSY, Emer jettison tank and bomb release (use 170-68756 untl exh)	1	*2
-36	170-68757	. . SPRING, Compression	1	A,B
-37	170-68740	. TUBE, Emergency jettison cable guide	2	A,B,*3
-38	AN365-428	. NUT	24	A,B
-39	AN960D416	. WASHER	24	A,B
-40	AN4-6A	. BOLT	24	A,B
-41	170-68707-21	. MECHANISM ASSY, Emer jettison plunger LH (use 170-68707-11 untl exh) *3 (see fig. 68 for breakdown)	3	A,B
	170-68707-22	. MECHANISM ASSY, Emer jettison plunger RH (use 170-68707-12 untl exh) *3 (see fig. 68 for breakdown)	3	A,B
	170-68707-23	. MECHANISM ASSY, Emer jettison plunger LH (use 170-68707-15 untl exh) *3 (see fig. 68 for breakdown)	1	A,B
	170-68707-24	. MECHANISM ASSY, Emer jettison plunger RH (use 170-68707-16 untl exh) *3 (see fig. 68 for breakdown)	1	A,B
-42	NAS427K9	. PIN, Pulley guard	4	A,B
-43	161-68706	. CYLINDER END, Emer jettison cable return bungee	2	B,*3
-44	161-68703	. SLEEVE, Emer jettison cable bungee piston	2	B,*3
-45	161-68705	. PISTON, Emer jettison cable return bungee	2	B,*3
-46	161-68704	. CYLINDER, Emer jettison cable return bungee	2	B,*3
-47	AN42-5A	BOLT, (see figure 28)	Ref	

*1 Used on 170-68758
*2 Used on 170-68758-10
*3 Also used on airplanes modified in accordance with T. O. 1F-86-109

USEABLE ON CODE: A 51-2850 thru 51-2877
B 51-2878 thru 51-13169

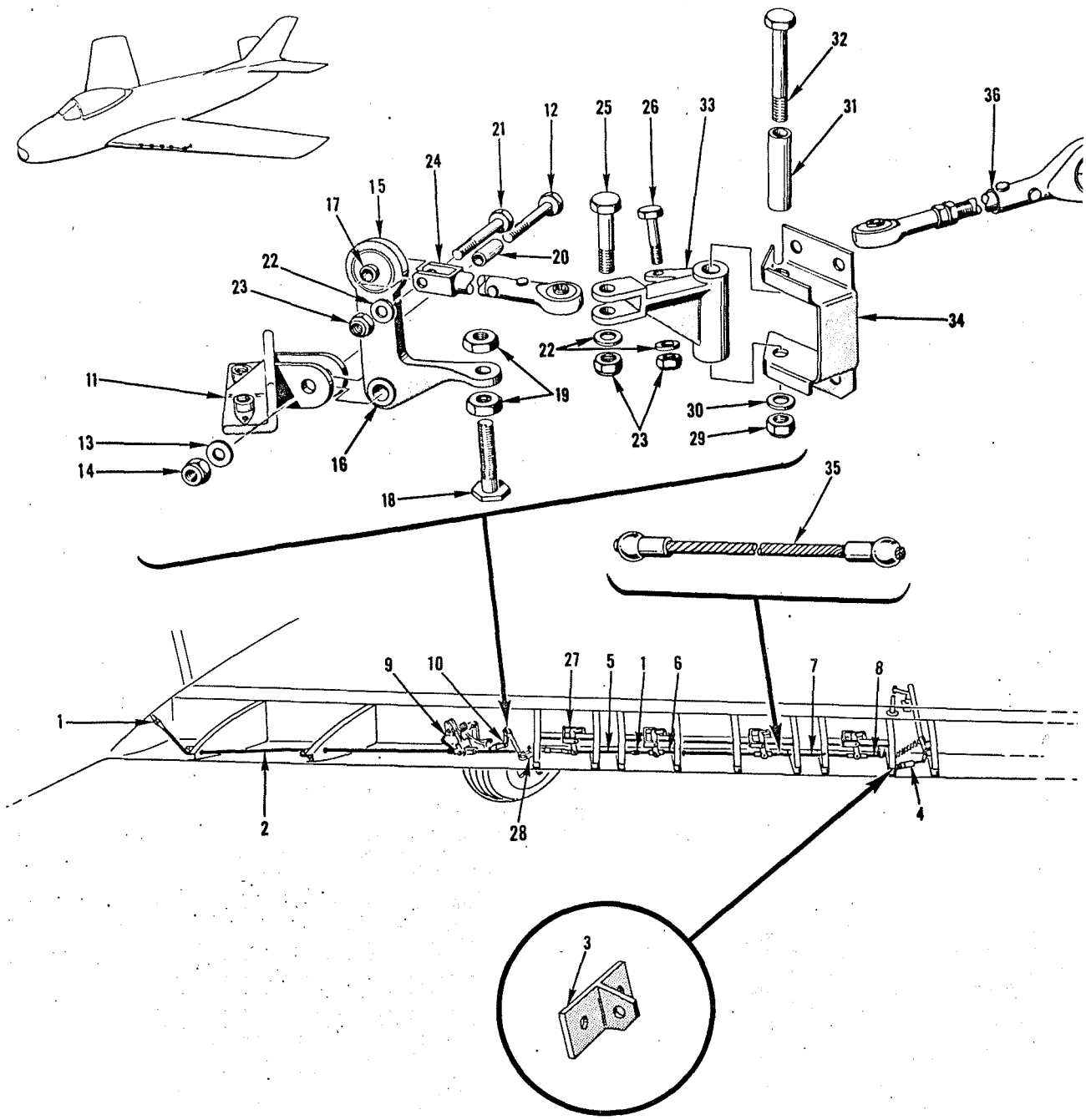


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FIGURE 64 - WING EMERGENCY JETTISON EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USE
64	No Number	WING EMERGENCY JETTISON EQUIPMENT, (see figure 62 for next assy & fig. 67 for additional breakdown)	NP	D
-1	AN155-16L	. BARREL	2	D
-2	176-68769	. CABLE ASSY, Emergency jettison inboard wing LH	1	A
	191-68770	. CABLE ASSY, Emergency jettison system BP67.706 inboard LH	1	C
-3	176-68724-1	. SUPPORT, Emergency jettison outboard return bungee LH	1	D
	176-68724-2	. SUPPORT, Emergency jettison outboard return bungee RH	1	D
-4	176-68704	. BUNGEE ASSY, Emergency jettison BP118 return (refer to T. O. 16C1-1-114 for breakdown)	2	D
-5	176-68770	. CABLE ASSY, Emergency jettison wing LE sta 90 1/2 to wing leading edge sta 105	2	A
-6	176-68771	. CABLE ASSY, Emergency jettison LE sta 105 to LE sta 121	2	A
-7	176-68772	. CABLE ASSY, Emergency jettison wing LE sta 121 to sta 136	2	A

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
64-8	176-68773	. CABLE ASSY, Emergency jettison wing LE sta 136 to sta 150	2	A,C,*1
-9	191-68761-1	. MECHANISM ASSY, Emergency jettison system BP67.706 rocket release LH (see figure 66 for breakdown)	1	C
	191-68761-2	. MECHANISM ASSY, Emergency jettison system BP67.706 rocket release RH (see figure 66 for breakdown)	1	C
	191-68771	. CABLE ASSY, Emer jettison system BP67.706 wing LE sta 76.166 to wing LE sta 86.154 (see figure 66)	1	C
-10	176-68745-1	. BELLCRANK ASSEMBLY, Emergency jettison BP72 1/4 plunger operating complete LH (whn exh use 176-68745-11)	1	A,B
	176-68745-2	. BELLCRANK ASSEMBLY, Emergency jettison BP72 1/4 plunger operating complete RH (whn exh use 176-68745-12)	1	A,B
	176-68745-11	. BELLCRANK ASSEMBLY, Emergency jettison BP72 1/4 plunger operating complete LH (use 176-68745-1 untl exh)	1	D
	176-68745-12	. BELLCRANK ASSEMBLY, Emergency jettison BP72 1/4 plunger operating complete RH (use 176-68745-2 untl exh)	1	D
-11	176-68750-1	. . BRACKET ASSY, Emer jettison BP72 1/4 plunger operating bellcrank support LH	1	D
	176-68750-2	. . BRACKET ASSY, Emer jettison BP72 1/4 plunger operating bellcrank support RH	1	D
-12	AN3-11	. . BOLT	1	D
-13	AN960D10	. . WASHER	1	D
-14	AN320-2	. . NUT	1	D
-15	176-68753	. . BELLCRANK ASSY, Emer jettison BP72 1/4 plunger operating (use 176-68753-10 whn exh)	1	A,B
	176-68753-10	. . BELLCRANK ASSY, Emer jettison BP72 1/4 plunger operating (use 176-68753 untl exh)	1	D
-16	4B16CF5-008	. . . BEARING, Sintered oil impregnated (North American)	1	D
-17	AN200KS3L	. . . BEARING	1	D
-18	187-68738	. . PLUNGER, Emer jettison control adjusting (used wth 176-68753 only)	1	A,B
	191-63742-3	. . PLUNGER, Special store mechanism jettison sys adjusting (used wth 173-68753-10 only)	1	D
-19	AN315-3R	. . NUT, (used wth 173-68753 only)	2	A,B
	IN7-4A	. . NUT, Check (North American) (used wth 173-68753-10 only)	2	C
-20	4B21S3-017	. . BUSHING, Spacer (North American) (used wth 173-68753-10 only)	2	C
-21	AN3-7A	. BOLT	2	D
-22	AN960D10	. WASHER	6	D
-23	AN365-1032	. NUT	6	D
-24	176-68721	. ROD ASSEMBLY, Emergency jettison BP72 1/4 tie	2	D
	RF3H5	. . ROD END, (Fafnir)	2	D
-25	AN3-10A	. BOLT	2	D
-26	AN3-11A	. BOLT	2	D
-27	176-68754-13	. MECHANISM ASSY, Emer jettison plunger LH (use 176-68754-3 untl exh) (see figure 69 for breakdown)	1	A,C,*1
	176-68754-15	. MECHANISM ASSY, Emer jettison plunger LH (use 176-68754-9 untl exh) (see figure 69 for breakdown)	1	B
	176-68754-14	. MECHANISM ASSY, Emer jettison plunger RH (use 176-68754-4 untl exh) (see figure 69 for breakdown)	1	A,C,*1
	176-68754-16	. MECHANISM ASSY, Emer jettison plunger RH (use 176-68754-10 untl exh) (see figure 69 for breakdown)	1	B
	176-68754-11	. MECHANISM ASSY, Emer jettison plunger LH (use 176-68754-1 untl exh) (see figure 69 for breakdown)	3	A,C,*1
	176-68754-12	. MECHANISM ASSY, Emer jettison plunger RH (use 176-68754-2 untl exh) (see figure 69 for breakdown)	3	A,C,*1
-28	176-68739-3	. BELLCRANK ASSY, Emer jettison BP72 1/4 fwd complete LH (use 176-68739-1 untl exh)	1	D
	176-68739-4	. BELLCRANK ASSY, Emer jettison BP72 1/4 fwd complete RH (use 176-68739-2 untl exh)	1	D
-29	AN365-1032	. . NUT	1	D
-30	AN960D10L	. . WASHER	1	D
-31	4B21B3-121	. . BUSHING, Spacer (North American)	1	D
-32	AN3-21A	. . BOLT	1	D
-33	176-68733-1	. . BELLCRANK ASSY, Emer jettison BP72 1/4 fwd LH	1	D
	176-68733-2	. . BELLCRANK ASSY, Emer jettison BP72 1/4 fwd RH	1	D
	4B20B5-014	. . . BUSHING, Press fit flanged (North American)	2	D
-34	176-68751-5	. . BRACKET, Emer jettison BP72 1/4 fwd bellcrank sup LH (use 176-58751-1 untl exh)	1	D
	176-68751-6	. . BRACKET, Emer jettison BP72 1/4 fwd bellcrank sup RH (use 176-58751-2 untl exh)	1	D
-35	176-68791	. CABLE ASSY, Emer jettison wing LE sta 91 to wing LE sta 150	1	B
-36	176-68764	ROD ASSY, Emer jettison BP72 1/4 operating (see figure 69)	Ref	

See fig. 65 for airplanes 51-13170 thru 53-1227 modified per T. O. 1F-86F-516
*1 Also used on airplanes modified in accordance with T. O. No. 1F-86-109.

USEABLE ON CODE: A 51-13170 thru 51-13340, 52-4305 thru 52-4504, 52-5114 thru 52-5271, 52-5387 thru 52-5530
B 51-13341 thru 51-13510, 52-4505 thru 52-5113, 52-5272 thru 52-5386
C 53-1072 and subs
D 51-13170 and subs

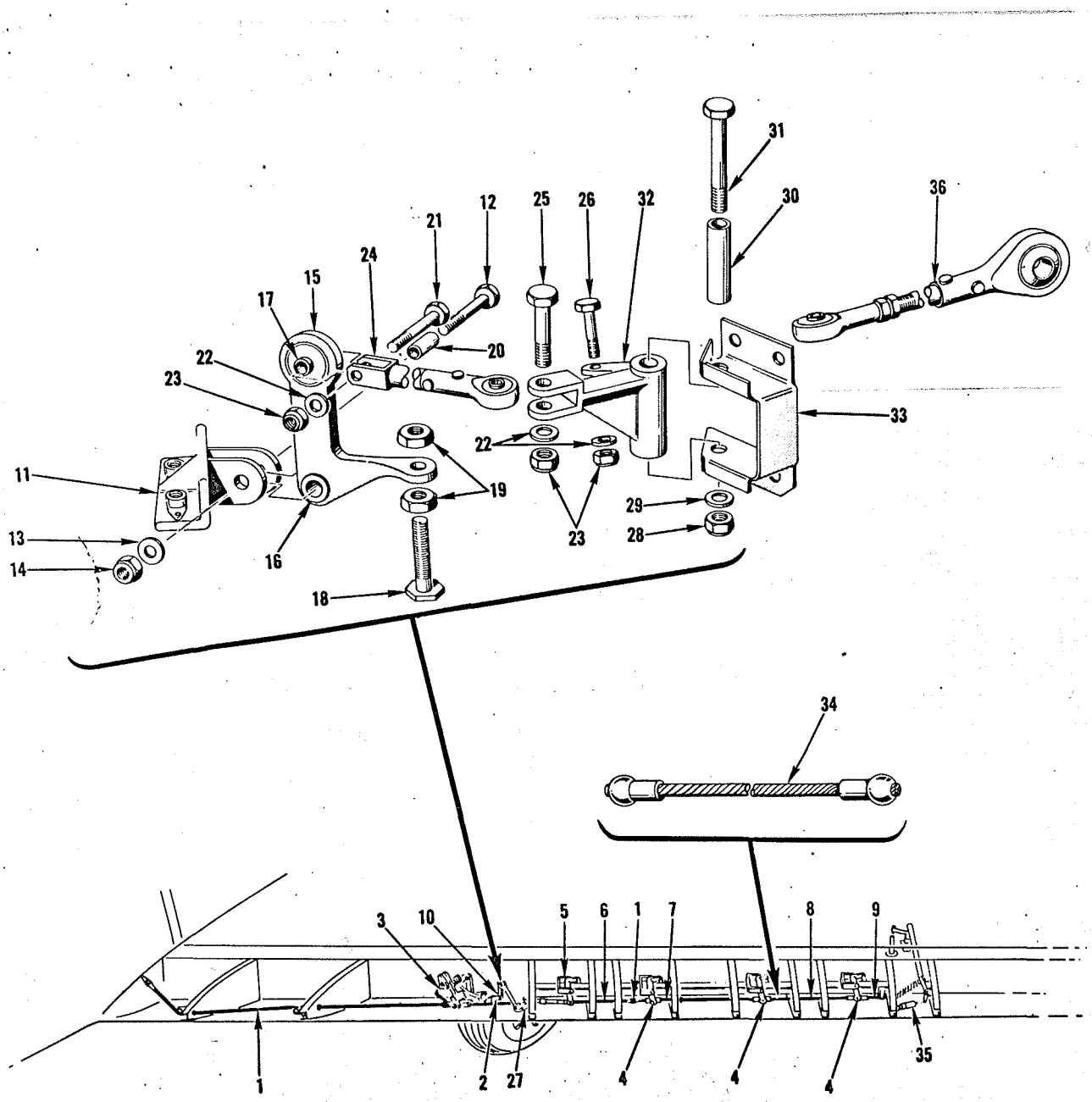


FIGURE 65 - EMERGENCY JETTISON MECHANISM INSTALLATION (MODIFICATION)

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
65	202-68701-1	JETTISON MECHANISM INSTL, Wing outer emergency LH (modification) (see fig. 18 for next assy & fig. 67 for additional bkdn)	NP	*1
	202-68701-2	JETTISON MECHANISM INSTL, Wing outer emergency RH (modification) (see fig. 18 for next assy)	NP	*1
-1	191-68770	. CABLE ASSY, Emergency jettison sys BP 67.706 inboard LH . . .	1	*1
	191-68772	. CABLE ASSY, Emergency jettison sys BP 67.706 inboard RH . . .	1	*1
-2	191-68771	. CABLE ASSY, Emergency jettison sys BP 67.706 wing LE sta . . 76.166 to wing LE sta 86.154	1	*1
-3	191-68761-1	. MECHANISM ASSY, Emergency jettison sys BP 67.706 rocket . . . release LH (see fig. 66 for breakdown & attaching parts)	1	*1
	191-68761-2	. MECHANISM ASSY, Emergency jettison sys BP 67.706 rocket . . . release RH (see fig. 66 for breakdown & attaching parts)	1	*1
-4	176-68754-11	. MECHANISM ASSY, Emergency jettison plunger LH . . . . . (see fig. 69 for breakdown)	3	*1
	176-68754-12	. MECHANISM ASSY, Emergency jettison plunger RH . . . . . (see fig. 69 for breakdown)	3	*1
-5	176-68754-13	. MECHANISM ASSY, Emergency jettison plunger LH . . . . . (see fig. 69 for breakdown)	1	*1
	176-68754-14	. MECHANISM ASSY, Emergency jettison plunger RH . . . . . (see fig. 69 for breakdown)	1	*1
-6	176-68770	. CABLE ASSY, Emerg jettison wing LE sta 90 1/2 . . . . . to wing LE sta 105	1	*1
-7	176-68771	. CABLE ASSY, Emerg jettison wing LE sta 105 to wing LE sta 121	1	*1
-8	176-68772	. CABLE ASSY, Emerg jettison wing LE sta 121 to wing LE sta 136	1	*1
-9	176-68773	. CABLE ASSY, Emerg jettison wing LE sta 136 to wing LE sta 150	1	*1
-10	176-68745-1	. BELLCRANK ASSY, Emergency jettison BP 72 1/4 plunger . . . . operating complete LH (whn exh use 176-68745-11)	1	*1
	176-68745-2	. BELLCRANK ASSY, Emergency jettison BP 72 1/4 plunger . . . . operating complete RH (whn exh use 176-68745-12)	1	*1
	176-68745-11	. BELLCRANK ASSY, Emer jettison BP 72 1/4 plunger operating . . complete LH (use 176-68745-1 until exh)	1	*1
	176-68745-12	. BELLCRANK ASSY, Emer jettison BP 72 1/4 plunger operating . . complete RH (use 176-68745-2 until exh)	1	*1
-11	176-68750-1	. . BRACKET ASSY, Emergency jettison BP 72 1/4 plunger . . . . operating bellcrank support LH	1	*1
	176-68750-2	. . BRACKET ASSY, Emergency jettison BP 72 1/4 plunger . . . . operating bellcrank support RH	1	*1
-12	AN3-11	. . BOLT	1	*1
-13	AN960D10	. . WASHER	1	*1
-14	AN320-3	. . NUT	1	*1
-15	176-68753	. . BELLCRANK ASSY, Emer jettison BP 72 1/4 plunger operating (whn exh use 176-68753-10)	1	*1
	176-68753-10	. . BELLCRANK ASSY, Emer jettison BP 72 1/4 plunger operating (use 176-68753 until exh)	1	*1
-16	4B16CF5-008	. . . BEARING, Sintered oil impregnated (North American) . .	1	*1
-17	AN200K3L	. . . BEARING	1	*1
-18	187-68738	. . PLUNGER, Emergency jettison control adjusting (used . . . with 176-68753 only)	1	*1
	191-63742-3	. . PLUNGER, Emergency store mechanism jettison sys adjusting (used with 176-68753-10 only)	1	*1
-19	AN315-3R	. . NUT, (used with 176-68753 only)	2	*1
	1N7-4A	. . NUT, Check (North American) (used with 176-68753-10) . . .	2	*1
-20	4B21S3-017	. . BUSHING, Spacer (North American)	1	*1
-21	AN3-7A	. BOLT	1	*1
-22	2W18-10	. WASHER, Flat (North American)	1	*1
-23	AN365-1032	. NUT	1	*1
-24	176-68721	. ROD ASSY, Emer jettison BP 72 1/4 tie	1	*1
	RF3H5	. . ROD END, (Fafnir)	1	*1
-25	AN3-10A	. BOLT	1	*1
-26	AN3-11A	. BOLT	1	*1
-27	176-68739-3	. BELLCRANK ASSY, Emer jettison BP 72 1/4 fwd complete LH . . . (use 176-68739-1 until exh)	1	*1
	176-68739-4	. BELLCRANK ASSY, Emer jettison BP 72 1/4 fwd complete RH . . . (use 176-68739-2 until exh)	1	*1
-28	AN365-1032	. . NUT	1	*1
-29	AN960D10L	. . WASHER	1	*1
-30	4B21B3-121	. . BUSHING, Spacer (North American)	1	*1
-31	AN3-21A	. . BOLT	1	*1
-32	176-68733-1	. . BELLCRANK ASSY, Emer jettison BP 72 1/4 fwd LH	1	*1
	176-68733-2	. . BELLCRANK ASSY, Emer jettison BP 72 1/4 fwd RH	1	*1
	4B20B5-014	. . . BUSHING, Press fit flanged (North American)	2	*1
-33	176-68751-5	. . BRACKET, Emer jettison BP 72 1/4 fwd bellcrank support LH (use 176-68751-1 until exh)	1	*1
	176-68751-6	. . BRACKET, Emer jettison BP 72 1/4 fwd bellcrank support RH (use 176-68751-2 until exh)	1	*1
-34	176-68791	. CABLE ASSY, Emer jettison wing LE sta 91 to wing LE sta 150	1	*1
-35	176-68704	. BUNGEE ASSY, Emer jettison BP 118 return		
-36	176-68764	ROD ASSY, Emer jettison BP 72 1/4 operating (see fig. 69)	Ref	*1

*1 Used on airplanes 51-13170 thru 53-1227 modified per T. O. 1F-86F-516.

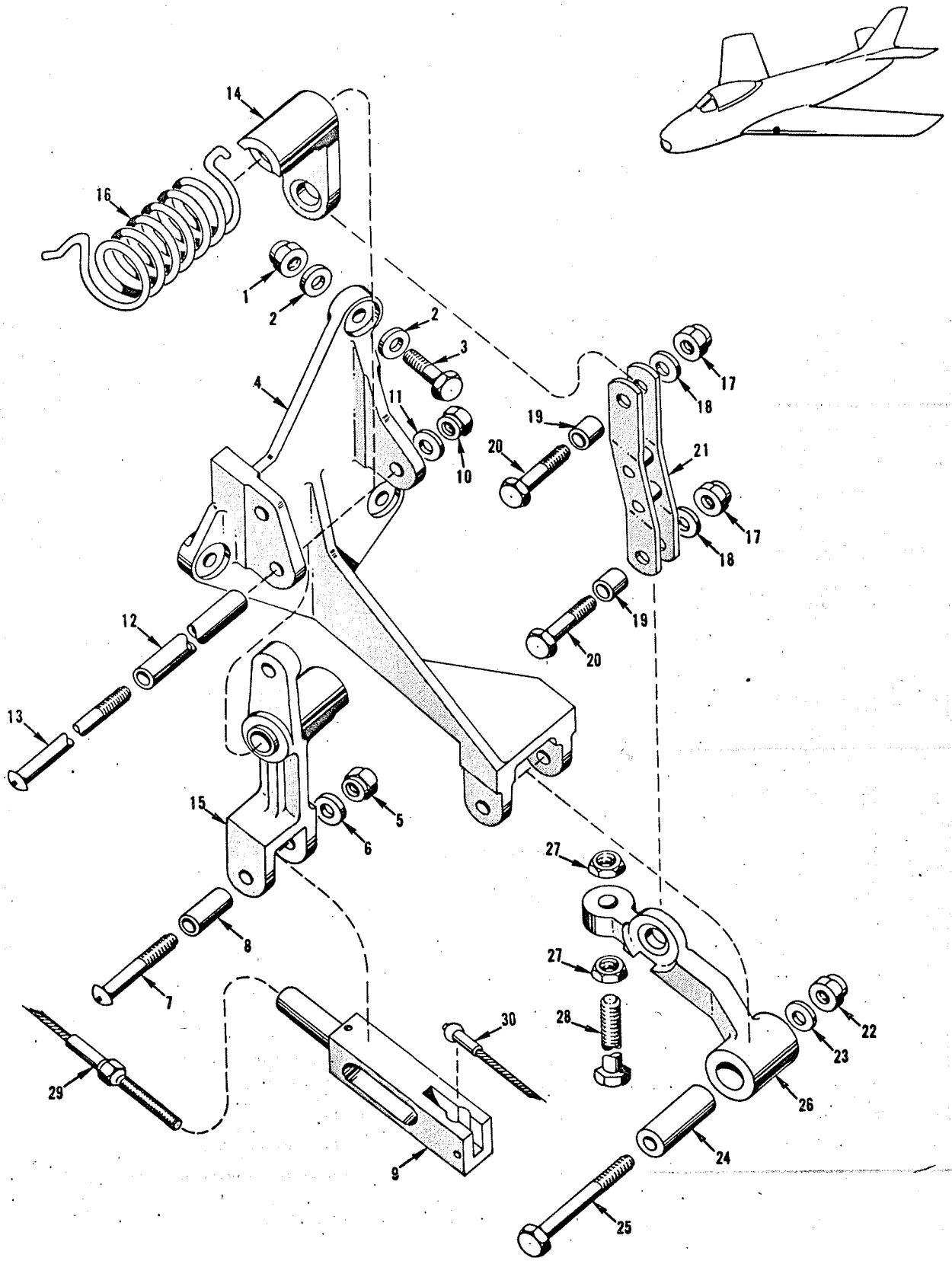


FIGURE 66 - EMERGENCY JETTISON ROCKET RELEASE MECHANISM ASSEMBLY

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
66	191-68761-1	MECHANISM ASSY, Emer jettison system BP67.706 rocket release LH (see figure 64 & 65 for next assy)	Ref	A,*1
	191-68761-2	MECHANISM ASSY, Emer jettison system BP67.706 rocket release RH (see figure 64 & 65 for next assy)	Ref	A,*1
		ATTACHING PARTS		
-1	AN365-1032	NUT	3	A,*1
-2	2W18-10	WASHER, Flat (North American)	6	A,*1
-3	AN3-6A	BOLT	3	A,*1
		---*---		
-4	191-68762-1	. BRACKET, Emer jettison sys BP67.706 bellcrank supporting LH	1	A,*1
	191-68762-2	. BRACKET, Emer jettison sys BP67.706 bellcrank supporting RH	1	A,*1
-5	AN320-3	. NUT	1	A,*1
-6	2W18-10	. WASHER, Flat (North American)	1	A,*1
-7	AN23-19	. BOLT	1	A,*1
-8	4B21S3-018	. BUSHING, Spacer (North American)	1	A,*1
-9	191-68769	. ROD, Emer jettison system BP67.706 sequencing	1	A,*1
-10	AN320-3	. NUT	1	A,*1
-11	2W18-10	. WASHER, Flat (North American)	1	A,*1
-12	4B21S3-200	. BUSHING, Spacer (North American)	1	A,*1
-13	AN23-42	. BOLT	1	A,*1
-14	191-68764	. BELLCRANK ASSY, Emer jettison system BP67.706 aft	1	A,*1
-15	191-68763-1	. BELLCRANK ASSY, Emer jettison system BP67.706 fwd LH	1	A,*1
	191-68763-2	. BELLCRANK ASSY, Emer jettison system BP67.706 fwd RH	1	A,*1
-16	191-68765-1	. SPRING, Emer jettison system BP67.706 torsion LH	1	A,*1
	191-68765-2	. SPRING, Emer jettison system BP67.706 torsion RH	1	A,*1
-17	AN365-1032	. NUT	2	A,*1
-18	2W18-10	. WASHER, Flat (North American)	2	A,*1
-19	4B21S3-008	. BUSHING, Spacer (North American)	2	A,*1
-20	AN3-6A	. BOLT	2	A,*1
-21	191-68766	. LINK ASSY, Emer jettison system BP67.706 connecting	1	A,*1
-22	AN365-1032	. NUT	1	A,*1
-23	2W18-10	. WASHER, Flat (North American)	1	A,*1
-24	4B21S3-030	. BUSHING, Spacer (North American)	1	A,*1
-25	AN3-15A	. BOLT	1	A,*1
-26	191-68767-1	. ARM ASSY, Emer jettison system BP67.706 LH	1	A,*1
	191-68767-2	. ARM ASSY, Emer jettison system BP67.706 RH	1	A,*1
	4B26CF5-012	. BUSHING, Sintered oil impregnated (North American)	2	A,*1
	4B21CF5-006	. BUSHING, Sintered oil impregnated (North American)	2	A,*1
-27	1N7-4A	. NUT, Check (North American)	2	A,*1
-28	191-68768	. BOLT, Emer jettison system BP67.706 plunger	1	A,*1
-29	191-68770	CABLE ASSY, Emer jettison sys BP67.706 inbd LH (see fig. 64)	Ref	
	191-68772	CABLE ASSY, Emer jettison sys BP67.706 inbd RH (see fig. 64)	Ref	
-30	191-68771	CABLE ASSY, Emer jettison sys BP67.706 WLE sta 76.166 to WLE station 86.154 (see figure 64)	Ref	

*1 Also used on airplanes 51-13170 thru 53-1227 modified per T. O. 1F-86F-516

USEABLE ON CODE: A 53-1072 and subs

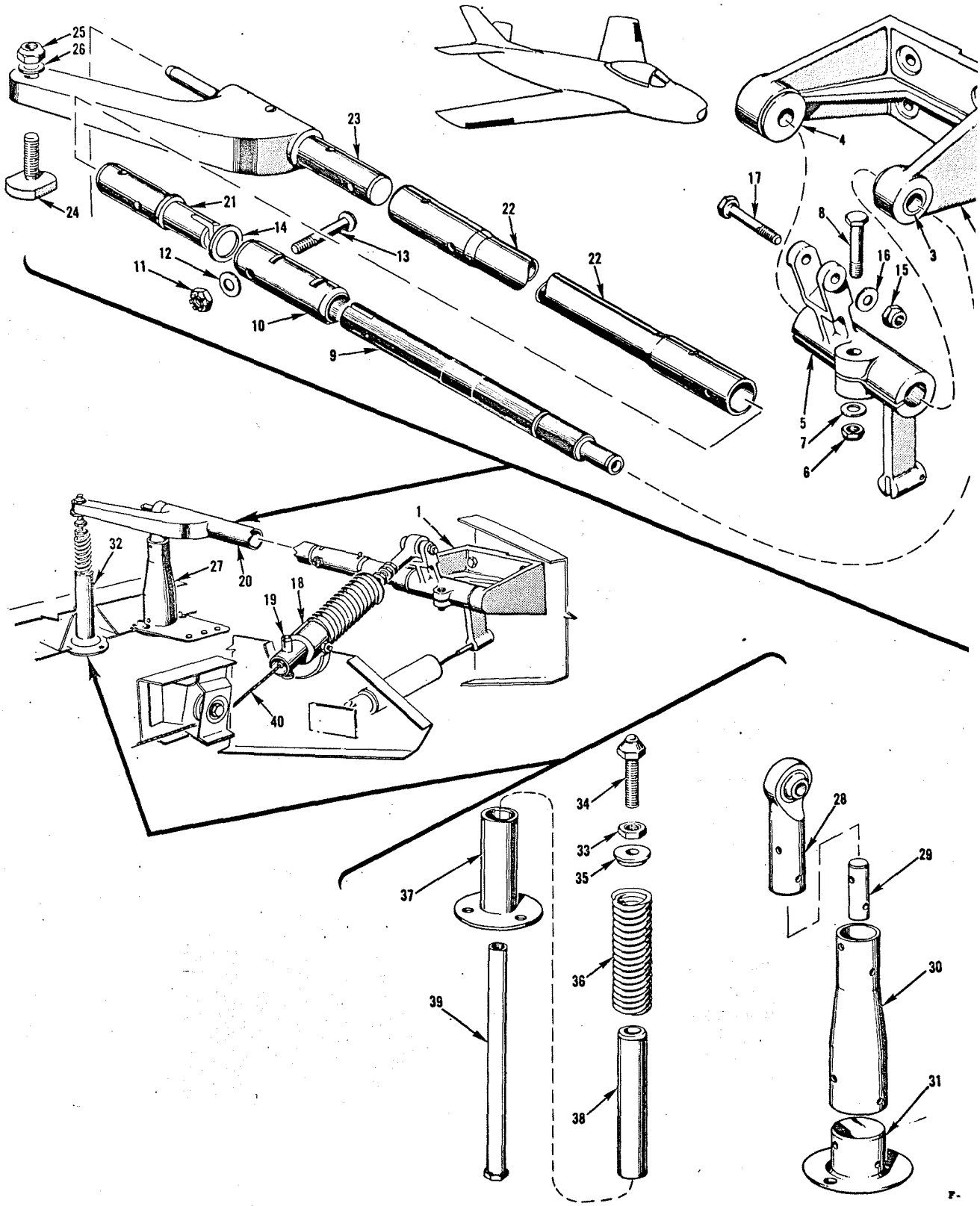


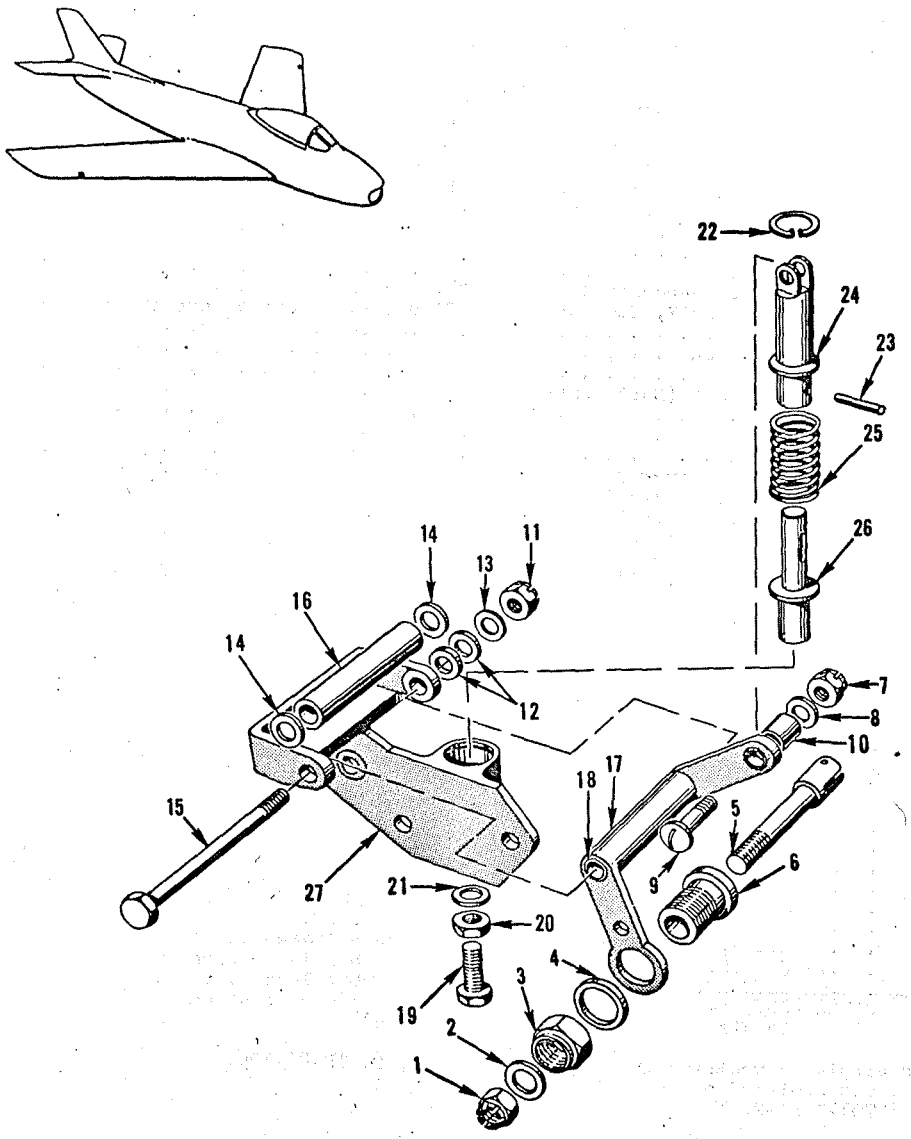
FIGURE 67 - MISCELLANEOUS WING EMERGENCY JETTISON EQUIPMENT

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
67	No Number	WING EMERGENCY JETTISON EQUIPMENT . . . . . (see figure 62 for next assy & fig 64 for additional bkdn	NP	A,*1
	202-68701-1	JETTISON MECHANISM INSTL, Wing outer emer LH (Modification) . . (see fig. 18 for next assy & fig. 65 for additional bkdn)	NP	*2
	202-68701-2	JETTISON MECHANISM INSTL, Wing outer emer RH (Modification) . . (see fig. 18 for next assy & fig. 65 for additional bkdn)	NP	*2
-1	176-68705-1	. BRACKET ASSY, Emer jettison BP118 torque tube fwd LH	1	A,*1,*3
	176-68705-2	. BRACKET ASSY, Emer jettison BP118 torque tube fwd RH	1	A,*1,*3
-2	176-68713	. . BRACKET ASSY, Emergency jettison BP118 bellcrank	1	A,*1,*3
-3	4B16CF8-16	. . . BEARING, Sintered oil impregnated (North American) .	1	A,*1,*3
-4	4B16CF6-14	. . . BEARING, Sintered oil impregnated (North American) .	1	A,*1,*3
-5	176-68727-1	. . BELLCRANK, Emer jettison BP118 torque tube forward LH .	1	A,*1,*3
	176-68727-2	. . BELLCRANK, Emer jettison BP118 torque tube forward RH .	1	A,*1,*3
-6	AN365-1032	. . NUT	1	A,*1,*3
-7	AN960D10	. . WASHER	1	A,*1,*3
-8	AN3-12A	. . BOLT	1	A,*1,*3
-9	176-68728	. . SHAFT, Emergency jettison BP118 bellcrank	1	A,*1,*3
-10	176-68730	. . SLEEVE ASSY, Emer jettison BP118 torque tube connecting	1	A,*1,*3
-11	AN320-3	. . . NUT	1	A,*1,*3
-12	AN960D10L	. . . WASHER	1	A,*1,*3
-13	AN23-15	. . . BOLT	1	A,*1,*3
-14	2W1-33-20-32	. WASHER, Plain (North American)	AR	A,*3
-15	AN365-1032	. NUT	2	A,*3
-16	AN960D10	. WASHER	2	A,*3
-17	AN3-12	. BOLT	2	A,*3
-18	176-68714-10	. BUNGEE ASSY, Emer jettison BP118 overriding (refer to . . . T. O. 16C1-1-114 for breakdown)	2	A,*1,*3
-19	176-68720	. PIN, Emergency jettison BP118 overriding bungee	2	A,*1,*3
-20	176-68707-1	. TUBE ASSY, Emergency jettison BP118 torque LH	1	A
	176-68707-2	. TUBE ASSY, Emergency jettison BP118 torque RH	1	A
-21	176-68709	. . PIN, Emer jettison BP118 torque tube	1	A
-22	176-68708	. . TUBE, Emer jettison BP118 torque	1	A
-23	176-68710-1	. . ARM ASSY, Emer jettison BP118 plunger operating LH . . .	1	A
	176-68710-2	. . ARM ASSY, Emer jettison BP118 plunger operating RH . . .	1	A
	176-68711	. . . PIN, Emer jettison BP118 plunger operating arm . . .	1	A
-24	170-63207	. . PLUG, Tank and bomb release mechanism plunger	1	A
-25	AN365-428	. . NUT	1	A
-26	AN960D416L	. . WASHER	1	A
-27	176-68731	. SUPPORT ASSY, Emergency jettison BP118 torque tube	2	A
-28	F4W19	. . BEARING , (Heim)	1	A
-29	176-68731-3	. . PLUG, Emergency jettison torque tube support	1	A
-30	176-68732	. . POST, Emergency jettison BP118 support	1	A
-31	170-63212	. . FITTING, Tank and bomb release post support	1	A
-32	170-68758-10	. PLUNGER ASSY, Emergency jettison tank and bomb release . . .	2	A
-33	AN315-3	. . NUT	1	A
-34	170-68768	. . BOLT ASSY, Emer jettison tank and bomb release plunger .	1	A
-35	170-68767	. . RETAINER, Emer jettison tank and bomb release plunger spring	1	A
-36	170-68757	. . SPRING, Compression	1	A
-37	170-68754	. . GUIDE, Emer jettison tank and bomb release plunger . . .	1	A
-38	170-68755	. . SUPPORT, Emer jettison tank and bomb release plunger . .	1	A
-39	170-68756-10	. . PLUNGER, Emer jettison tank and bomb release	1	A
-40	176-68773	CABLE ASSY, Emergency jettison wing leading edge station 136 . to station 150 (see figure 64 & 65)	Ref	*1,*3

*1 Also used on airplanes modified in accordance with T. O. 1F-86-109.
*2 Used on airplanes modified per T. O. 1F-86F-516
*3 Used on 202-68701-1 & -2

USEABLE ON CODE: A 51-13170 and subs



176.

FIGURE 68 - EMERGENCY JETTISON PLUNGER MECHANISM ASSEMBLY

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
68	170-68707-11	MECHANISM ASSY, Emergency jettison plunger LH (whn exh use 170-68707-21) (see fig. 63 for next assy)	Ref	A,*3
	170-68707-21	MECHANISM ASSY, Emergency jettison plunger LH (use 170-68707-11)	Ref	A
	170-68707-12	MECHANISM ASSY, Emergency jettison plunger RH (whn exh use 170-68707-22) (see fig. 63 for next assy)	Ref	A,*3
	170-68707-22	MECHANISM ASSY, Emergency jettison plunger RH (use 170-68707-12)	Ref	A
	170-68707-15	MECHANISM ASSY, Emergency jettison plunger LH (outbd) (whn exh use 170-68707-23) (see fig. 63 for next assy)	Ref	A,*3
	170-68707-23	MECHANISM ASSY, Emergency jettison plunger LH (use 170-68707-15)	Ref	A
	170-68707-16	MECHANISM ASSY, Emergency jettison plunger RH (outbd) (whn exh use 170-68707-24) (see fig. 63 for next assy)	Ref	A,*3
	170-68707-24	MECHANISM ASSY, Emergency jettison plunger RH (use 170-68707-16 unti exh)	Ref	A
-1	AN320-4	. NUT	1	A
-2	2W17-416L	. WASHER, Corrosion resistant steel (North American)	1	A
-3	AN364-820	. NUT	1	A
-4	170-68714	. WASHER, Emergency jettison plunger mechanism	1	A
-5	170-68715	. SWIVEL, Emergency jettison plunger mechanism	1	A
-6	170-68713	. SLEEVE, Emergency jettison plunger mechanism	1	A
-7	AN320-3	. NUT	1	A
-8	2W18-10	. WASHER, Flat (North American)	1	A
-9	AN23-11	. BOLT	1	A
-10	4B21S3-007	. BUSHING, Spacer (North American)	1	A
-11	AN310-4	. NUT	1	*1
	AN310-4	. NUT	1	*2
-12	2W18-416L	. WASHER, Flat (North American)	2	*1
-13	2W18-416	. WASHER, Flat (North American)	1	*1
-14	2W18-10	. WASHER, Flat (North American)	2	*2
-15	AN4-31A	. BOLT	1	*1
	AN3-31A	. BOLT	1	*2
-16	191-52210-3	. SPACER, Horizontal stabilizer control trim actuator lower attaching	1	*2
-17	170-68712-1	. BELLCRANK ASSY, Emer jettison plunger mechanism LH (used with 170-68707-11 and -21)	3	A
	170-68712-2	. BELLCRANK ASSY, Emer jettison plunger mechanism RH (used with 170-68707-12 and -22)	3	A
	170-68712-5	. BELLCRANK ASSY, Emer jettison plunger mechanism LH (used with 170-68707-15 and -23)	1	A
	170-68712-6	. BELLCRANK ASSY, Emer jettison plunger mechanism RH (used with 170-68707-16 and -24)	1	A
-18	4B16CF4-18	. . BEARING, Sintered oil impregnated (North American)	2	A
-19	NAS428-3-10	. BOLT, Adjusting crowned hexagon head	1	A
-20	AN315-3	. NUT	1	A
-21	2W18-516	. WASHER, Flat (North American)	1	A
-22	NAS50-87	. RING, Internal retainer	1	A
	170-68707-9	. MECHANISM SUB-ASSY, Emergency jettison plunger	1	A
-23	AN253-2-49	. . PIN	1	A
-24	170-68711	. . PISTON, Emergency jettison plunger mechanism upper	1	A
-25	172-68707	. . SPRING, Compression	1	A
-26	170-68710	. . PISTON, Emergency jettison plunger mechanism lower	1	A
-27	170-68708-1	. SUPPORT, Emergency jettison plunger mechanism LH	1	A
	170-68708-2	. SUPPORT, Emergency jettison plunger mechanism RH	1	A

*3 Also used on airplanes modified in accordance with T. O. 1F-86-109.

USEABLE ON CODE:
A 51-2850 thru 51-13169
*1 Used on 170-68707-11, -12, -15 and -16
*2 Used on 170-68707-21, -22, -23 and -24

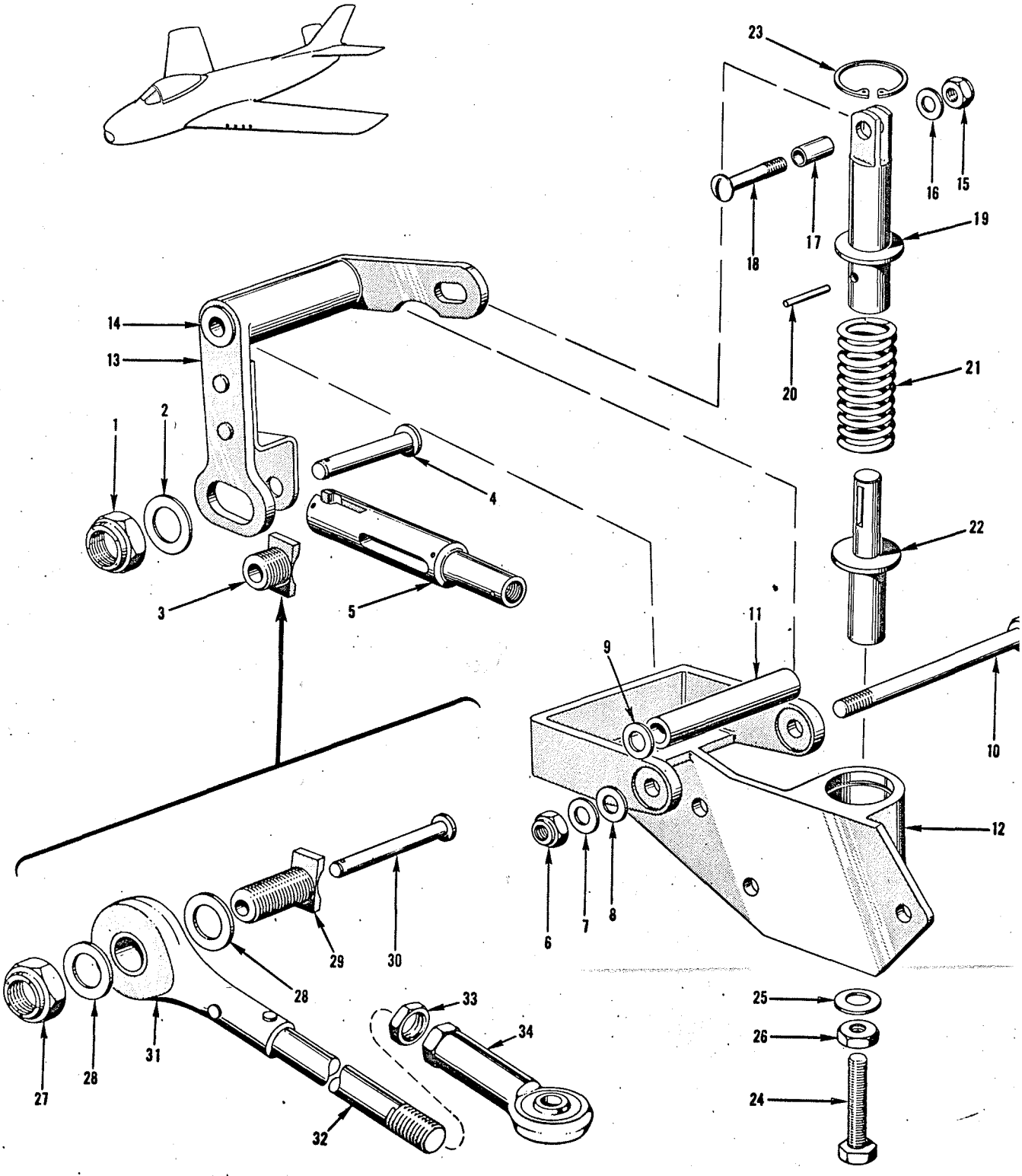


FIGURE 69 - EMERGENCY JETTISON PLUNGER MECHANISM ASSEMBLY

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
69	176-68754-1	MECHANISM ASSY, Emer jettison plunger LH (whn exh use 176-68754-11) (see figures 64 & 65 for next assy)	Ref	A,*5,*8
	176-68754-11	MECHANISM ASSY, Emer jettison plunger LH (use 176-68754-1 untl exh) (see fig's 64 & 65 for next assy)	Ref	A,*8
	176-68754-2	MECHANISM ASSY, Emer jettison plunger RH (whn exh use 176-68754-12) (see figures 64 & 65 for next assy)	Ref	A,*5,*8
	176-68754-12	MECHANISM ASSY, Emer jettison plunger RH (use 176-68754-2 untl exh) (see fig's 64 & 65 for next assy)	Ref	A,*8
	176-68754-3	MECHANISM ASSY, Emer jettison plunger LH (whn exh use 176-68754-13) (see figures 64 & 65 for next assy)	Ref	A,*5,*8
	176-68754-13	MECHANISM ASSY, Emer jettison plunger LH (use 176-68754-3 untl exh) (see fig's 64 & 65 for next assy)	Ref	A,*8
	176-68754-9	MECHANISM ASSY, Emer jettison plunger LH (whn exh use 176-68754-15) (see figures 64 & 65 for next assy)	Ref	B
	176-68754-14	MECHANISM ASSY, Emer jettison plunger RH (use 176-68754-4 untl exh) (see fig's 64 & 65 for next assy)	Ref	A,*8
	176-68754-4	MECHANISM ASSY, Emer jettison plunger RH (whn exh use 176-68754-14) (see figures 64 & 65 for next assy)	Ref	A,*5,*8
	176-68754-15	MECHANISM ASSY, Emer jettison plunger LH (use 176-68754-9 untl exh)	Ref	B
	176-68754-10	MECHANISM ASSY, Emer jettison plunger RH (whn exh use 176-68754-16) (see figure 64 for next assy)	Ref	B
	176-68754-16	MECHANISM ASSY, Emer jettison plunger RH (use 176-68754-10 untl exh)	Ref	B
-1	AN364-820	. NUT	1	*1,*4,*5,*
-2	AN960D816L	. WASHER	1	*1,*4,*5,*
-3	176-68760	. SLEEVE, Emergency jettison plunger mechanism	1	*1,*4,*5,*
-4	AN393-41	. PIN	1	*1,*4,*5,*
-5	176-68759	. ROD, Emergency jettison plunger mechanism sequencing	1	A,B,*5,*8
-6	AN310-4	. NUT	1	*5,*6,*8
	AN365-1032	. NUT	1	*2,*8
-7	2W18-416L	. WASHER, Flat (North American)	2	*5,*6,*8
-8	2W18-416	. WASHER, Flat (North American)	1	*5,*6,*8
-9	2W18-10	. WASHER, Flat (Norht American)	1	*2,*8
-10	AN4-31	. BOLT	1	*5,*6,*8
	AN3-31A	. BOLT	1	*2,*8
-11	191-52210-3	. SPACER, Horizontal stabilizer control trim actuator lower attaching	1	*2,*8
-12	170-68708-1	. SUPPORT, Emergency jettison plunger mechanism LH	1	A,B,*5,*8
	170-68708-2	. SUPPORT, Emergency jettison plunger mechanism RH	1	A,B,*5,*8
-13	170-68712-7	. BELLCRANK ASSY, Emergency jettison plunger mechanism LH	1	A,B,*5,*8
	170-68712-8	. BELLCRANK ASSY, Emergency jettison plunger mechanism RH	1	A,B,*5,*8
-14	4B16CF4-18	. . BEARING, Sintered oil impregnated (North American)	1	A,B,*5,*8
-15	AN320-3	. NUT	1	*5,*7,*8
-16	AN960D10	. WASHER	1	*5,*7,*8
-17	4B21S3-007	. BUSHING, Spacer (North American)	1	*5,*7,*8
-18	AN23-11	. BOLT	1	*5,*7,*8
	176-68754-5	. MECHANISM SUB-ASSY, Emergency jettison plunger	1	*5,*7,*8
-19	170-68711	. . PISTON, Emergency jettison plunger mechanism upper	1	*5,*7,*8
-20	176-68754-7	. . PIN, Emergency jettison plunger	1	*5,*7,*8
-21	172-68707	. . SPRING, Compression	1	*5,*7,*8
-22	170-68710	. . PISTON, Emergency jettison plunger mechanism lower	1	*5,*7,*8
-23	NAS50-87	. RING, Internal retainer	1	*5,*7,*8
-24	NAS428-3-10	. BOLT, Adjusting crowned hexagon head	1	*5,*7,*8
-25	AN960D516	. WASHER	1	*5,*7,*8
-26	AN315-3	. NUT	1	*5,*7,*8
-27	AN364-624	. NUT	1	*3,*5,*8
-28	AN960D616L	. WASHER	2	*3,*5,*8
-29	176-68758	. SLEEVE, Emergency jettison plunger mechanism	1	*3,*5,*8
-30	AN393-55	. PIN	1	*3,*5,*8
	176-68764	. ROD ASSY, Emergency jettison BP72 1/4 operating	1	*3,*5,*8
	176-68764-3	. . ROD ASSY, Emergency jettison BP72 1/4 operating	1	*3,*5,*8
-31	176-68765	. . . ROD END, Emergency jettison BP72 1/4 operating	1	*3,*5,*8
-32	176-68766	. . . ROD, Emergency jettison BP72 1/4 operating	1	*3,*5,*8
-33	AN316-5	. . NUT	1	*3,*5,*8
-34	REB3N2	. . ROD END, (Fafnir)	1	*3,*5,*8

176-68754-9, -10, -15, & -16 are not used on airplanes modified in accordance with T. O. 1F-86F-516.

*1 Used on 176-68754-1 and -2.
*2 Used on 176-68754-11, -12, -13, -14, -15 and -16.
*3 Used on 176-68754-3, -4, -9, -10, -13, -14, -15 and -16.
*4 Used on 176-68754-11 and -12.
*5 Also used on airplanes modified in accordance with T. O. 1F-86-109.
*6 Used on 176-68754-1, -2, -3, -4, -9, and -10.
*7 Used on 176-68754-1, -2, -3, -4, -11, -12, -13 and -14.
*8 Also used on airplanes modified in accordance with T. O. 1F-86F-516.

USEABLE ON CODE:
A 51-13170 thru 51-13340, 52-4305 thru 52-4504, 52-5114 thru 52-5271, 52-5387 thru 52-5530, 53-1072 and subs
B 51-13341 thru 51-13510, 52-4505 thru 52-5113, 52-5272 thru 52-5386

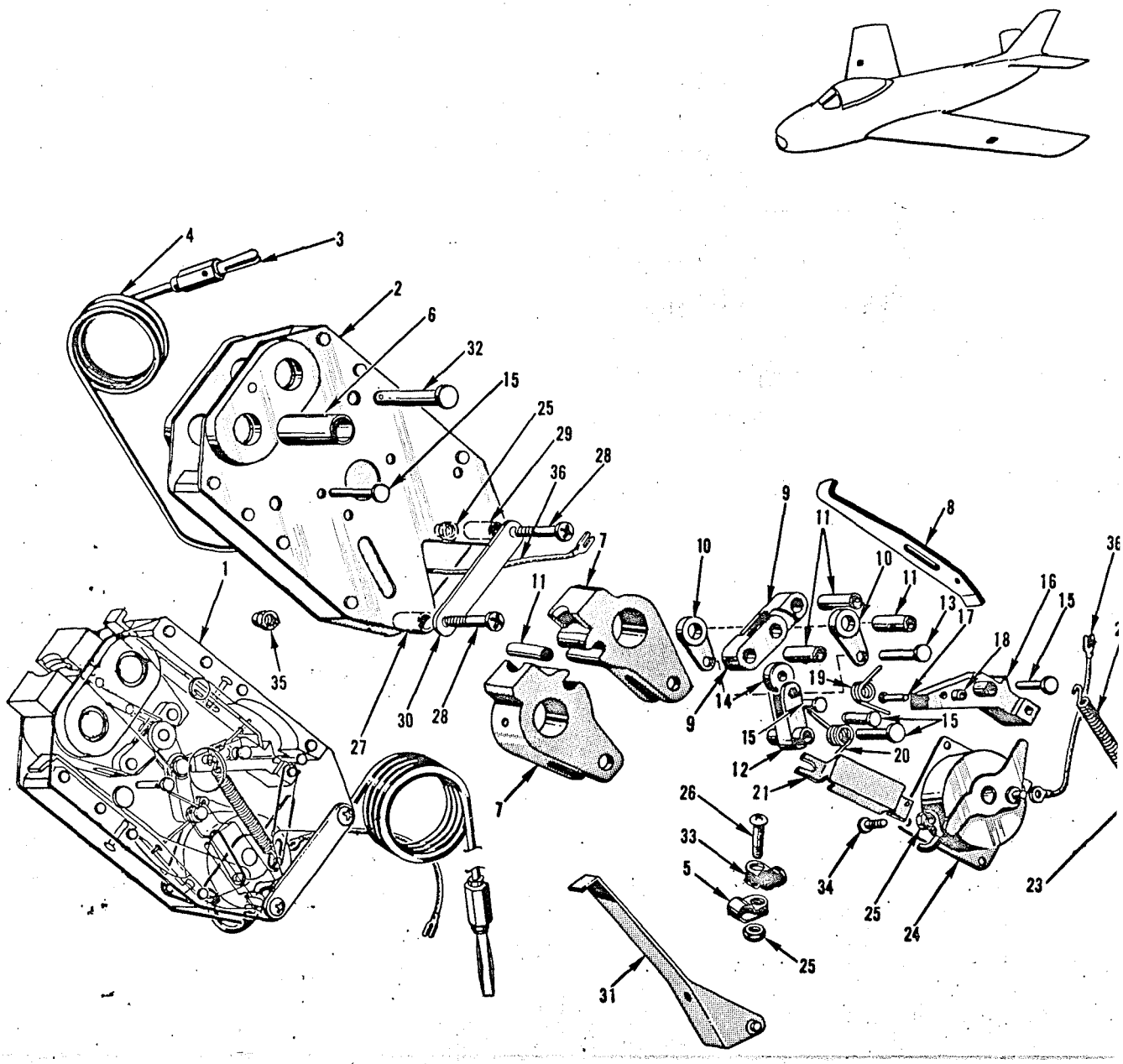


FIGURE 70 - DROPPABLE FUEL TANK SHACKLE ASSEMBLY

WING FUEL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE O CODE
70-1	151-48320	SHACKLE ASSY, Droppable fuel tank (see fig. 51 for next assy) (whn exh use 151-48320-10)	Ref	A
	151-48320-10	SHACKLE ASSY, Droppable fuel tank (see fig. 51 for next assy) (use 151-48320 until exh)	Ref	A
	175-48320	MECHANISM ASSY, Fuel tank release (see fig. 54 for next assy)	Ref	B
-2	151-48314	. HOUSING ASSY, Droppable tank shackle	1	*1
	175-48314	. HOUSING ASSY, Fuel tank release mechanism shackle	1	*2,*3
-3	172-54022	. PLUG, Electrical drop tank shackle assy disconnect (whn exh use Amer. Radio Hardware part No. Z940) (altered from Amer. Hardware part No. 207) (intrch wth Johnson, E.F. part No. 108752-1)	1	
	Z940	. PLUG, Solderless banana (special) (Amer. Radio Hardware). (may be purchased from Radio Television Supply) (intrch wth Johnson, E.F. part No. 108752-1) (use 172-54022 which is altered from Amer. Radio Hardware No. 207 until exh)	1	
-4	151-48320-5	. TUBING, Surco No. 9	1	*1
	175-48320-3	. TUBING, Surco No. 9	1	*2,*3
-5	AN742D5	. CLAMP	1	*1
-6	NAS72-7-106	. BUSHING, Clamp-up steel chrome plated	2	*1
	4B21S8-112	. BUSHING, Spacer (North American)	2	*2,*3
-7	151-48328	. JAW, Droppable tank shackle	2	
-8	151-48323	. ARM, Droppable tank shackle lock test	1	
-9	151-48316	. LINK, Droppable tank shackle toggle	2	*1
	175-48316	. LINK, Fuel tank release mechanism toggle	2	*2,*3
-10	151-48317	. LINK, Droppable tank shackle toggle connect	2	*1
	175-48317	. LINK, Fuel tank release mechanism toggle connect	2	*2,*3
-11	151-48325	. PIN, Droppable tank shackle toggle link	4	
-12	151-48318	. LINK ASSY, Droppable tank shackle roller	1	*1
	175-48318	. LINK ASSY, Fuel tank release mechanism roller	1	*2,*
-13	AN393-23	. PIN	1	
-14	AN201KP3A	. BEARING, (intrch wth AN201K3A or AN200K31)	1	
-15	AN393-41	. PIN	4	
-16	151-48319	. ROCKER, Droppable tank shackle	1	*1
	175-48322	. ROCKER, Fuel tank release mechanism	1	*2,*
-17	AN392-17	. PIN	2	
-18	4S4-4-6	. SPACER, Rivet (North American)	1	*1
	NAS42DD4-12	. SPACER, Rivet (North American)	1	*2,*
-19	151-48322	. SPRING, Droppable tank shackle release	1	
-20	176-48311	. SPRING, Drop tank shackle release	2	
-21	176-48325	. COVER, Drop tank shackle release slide	1	*3
-22	151-48321	. SPRING, Droppable tank shackle rocker and solenoid	1	
-23	4L2	. LINK, Release mechanism (North American) (use 109-63035 until exh)	1	
-24	C8001-1	. SOLENOID ASSY, Droppable tank shackle (Leland, G. H.)	1	
-25	AN365-832	. NUT	4	
-26	NAS220-7	. SCREW, Brazier head Phillips recess alloy steel 8-32	1	
-27	4S3-8-33	. SPACER, Bolt (North American)	1	*1
	NAS43DD3-65	. SPACER, Screw and bolt	1	*2,*
-28	NAS220-24	. SCREW, Brazier head Phillips recess alloy steel 8-32	2	
-29	4S3-8-36	. SPACER, Bolt (North American)	1	*1
	NAS43DD3-72	. SPACER, Screw and bolt	1	*2,*
-30	176-48313	. STRIP, Drop tank shackle release	2	
-31	151-48324	. ARM ASSY, Droppable tank shackle release	1	*1
	175-48324	. ARM ASSY, Fuel tank release mechanism shackle	1	*2,*
-32	AN395-41	. PIN	2	
-33	AN742-4C	. CLAMP	1	*1
	AN74D4C	. CLAMP	1	*2,*
-34	NAS220-8	. SCREW, Brazier head Phillips recess alloy steel 8-32	3	
-35	AN364-832	. NUT	2	
-36	172-54408	. WIRE ASSY, Electrical drop tank shackle solenoid ground	2	

*1 Used on 151-48320
*2 Used on 151-48320-10
*3 Used on 175-48320

USEABLE ON CODE: A 51-2850 thru 51-2927
B 51-2928 and subs

WING FUEL (Cont)

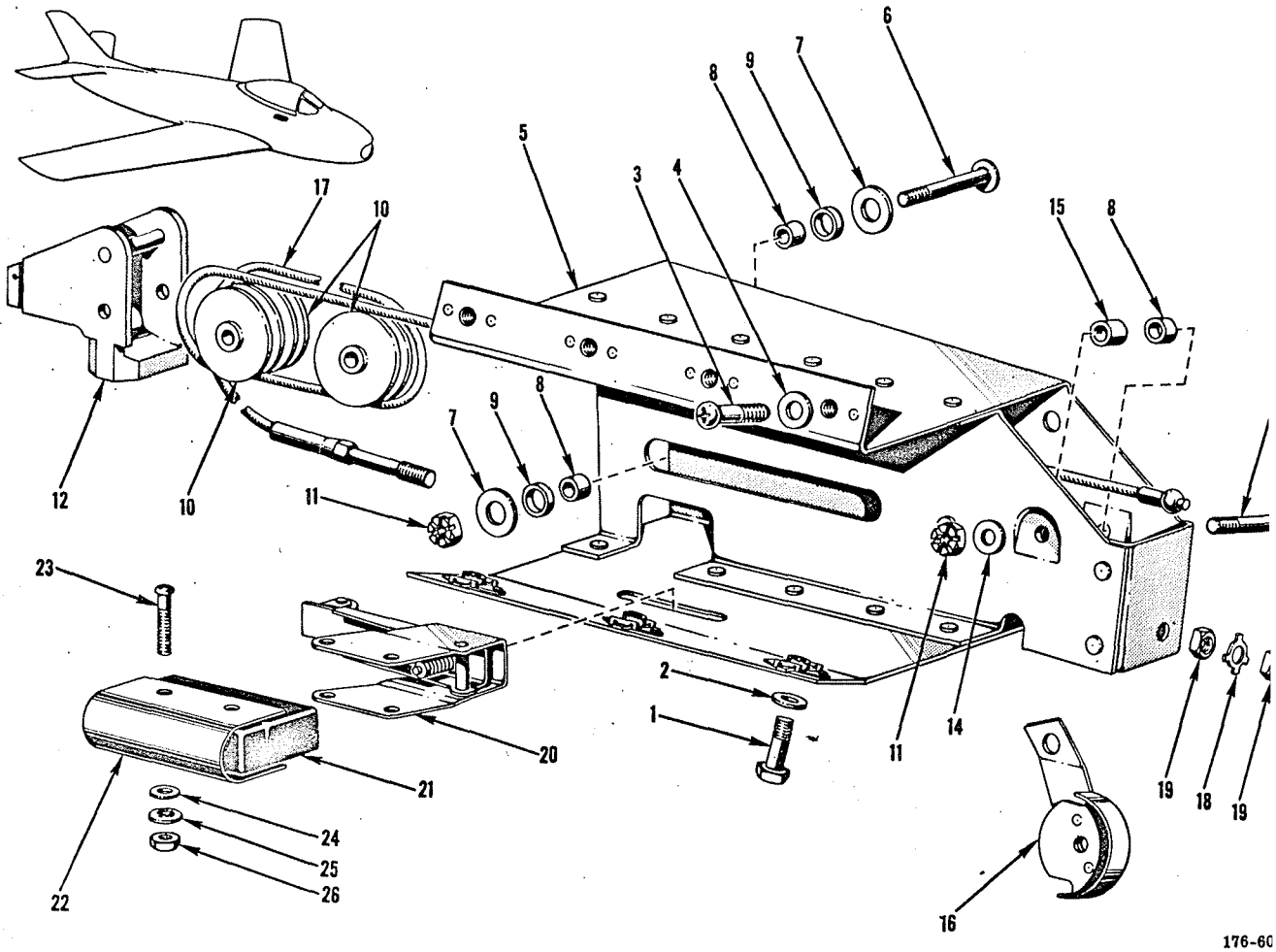
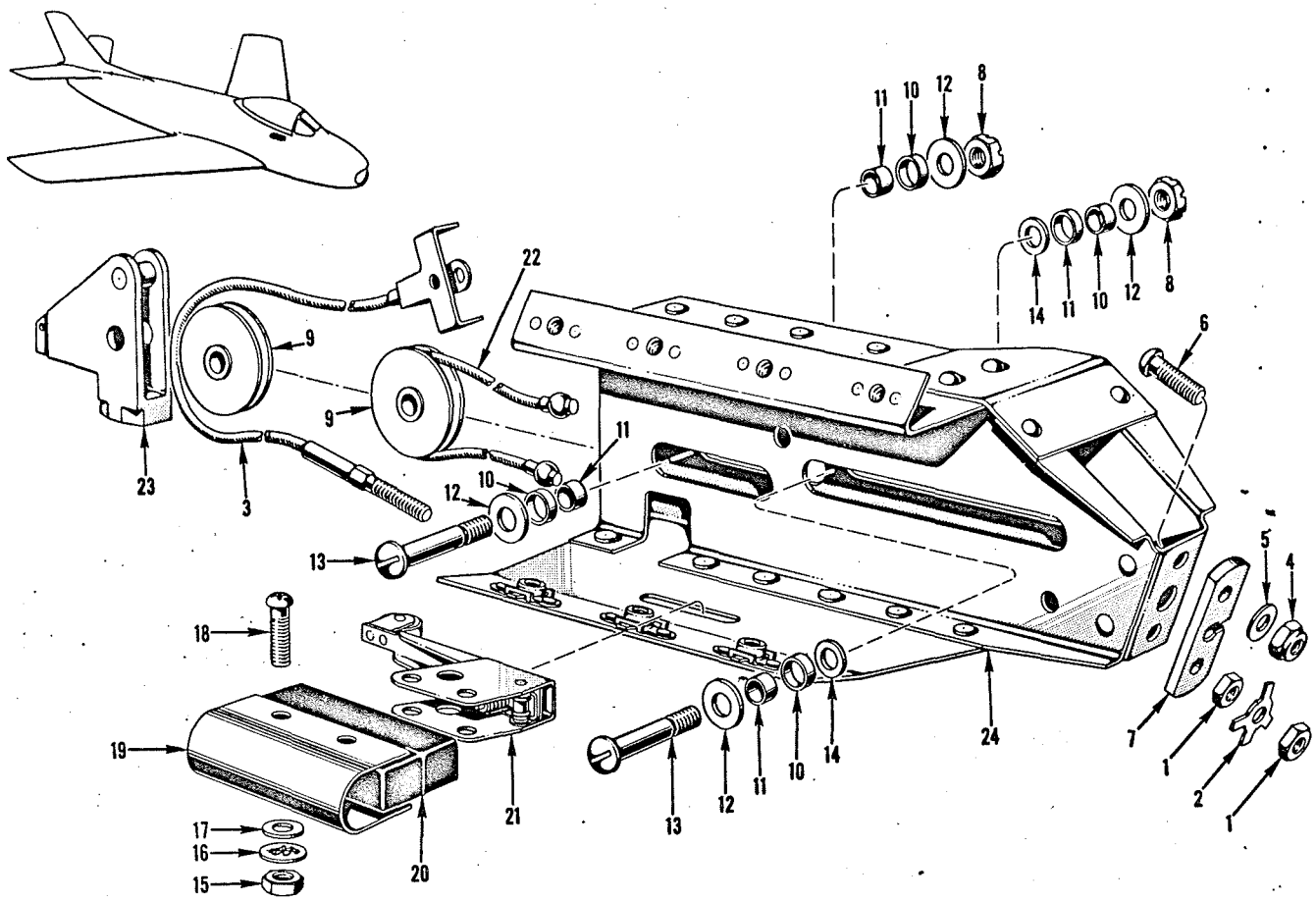


FIGURE 71 - EMERGENCY JETTISON MECHANICAL ADVANTAGE MECHANISM ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABL CO
71	176-68775	MECHANISM ASSY, Emergency jettison mechanical advantage . . . . (see figure 62 for next assembly)	Ref	A
		ATTACHING PARTS		
-1	AN3-5A	BOLT	3	A
-2	AN960D10	WASHER	3	A
-3	NAS221-9	SCREW, Brazier head Phillips recess alloy steel 10-32	2	A
-4	AN960D10L	WASHER	2	A
		---*---		
-5	176-68752	. BRACKET ASSY, Emergency jettison mechanical advantage . . .	1	A
-6	AN23-22	. BOLT	1	A
-7	2W1AL12-24-64	. WASHER (North American)	2	A
-8	NAS43C3-7	. SPACER, Screw and bolt	3	A
-9	172-68704	. SPACER, Emergency jettison mechanical advantage	2	A
-10	AN210-1B	. PULLEY	3	A
-11	AN320-3	. NUT	2	A
-12	176-68767	. CLEVIS ASSY, Emer jettison mechanical advantage	1	A
-13	AN23-17	. BOLT	1	A
-14	AN960D10	. WASHER	1	A
-15	NAS43C3-11	. SPACER, Screw and bolt	1	A
-16	176-68785	. GUARD ASSY, Emer jettison mechanical advantage cable	1	A
-17	176-68774	. CABLE ASSY, Emer jettison cockpit to fus sta 109	1	A
-18	2W11-3	. WASHER	1	A
-19	AN315-3R	. NUT	2	A
-20	AN3169-1	. ACTUATOR	1	A
-21	AN3210-1	. SWITCH	1	A
-22	8C4-3	. COVER, Switch protector (North American)	1	A
-23	AN515-6-18	. SCREW	2	A
-24	AN960D6	. WASHER	2	A
-25	AN936A6	. WASHER	2	A
-26	AN340-6	. NUT	2	A
	USEABLE ON CODE: A 51-13170 and subs			



172-60-95

FIGURE 72 - EMERGENCY JETTISON MECHANICAL ADVANTAGE MECHANISM ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
72	172-68705		MECHANISM ASSEMBLY, Emergency jettison mechanical advantage (see figure 61 for next assy)	Ref	A
	172-68705-10		MECHANISM ASSEMBLY, Emergency jettison mechanical advantage (see figure 61 for next assy)	Ref	B
-1	AN315-3R	.	NUT	2	A,B
-2	2W11-3	.	WASHER, Tab lock (North American)	1	A,B
-3	172-68703	.	CABLE ASSY, Emergency jettison mechanical advantage	1	A,B
-4	AN364-1032	.	NUT	1	A,B
-5	AN960D10L	.	WASHER	1	A,B
-6	NAS221-10	.	SCREW, Brazier head Phillips recess alloy steel 10-32	1	A,B
-7	170-68728	.	PLATE, Emergency jettison mechanical advantage terminal	1	A,B
-8	AN320-3	.	NUT	2	A,B
-9	AN210-1B	.	PULLEY	2	A,B
-10	172-68704	.	SPACER, Emergency jettison mechanical advantage	4	A,B
-11	NAS43C3-7	.	SPACER, Screw and bolt	4	A,B
-12	2W1AL12-24-64	.	WASHER, Plain (North American)	4	A,B
-13	AN23-19	.	BOLT	2	A,B
-14	AN960D10	.	WASHER	2	A,B
-15	AN340-6	.	NUT	2	A,B
-16	AN936A6	.	WASHER	2	A,B
-17	AN960D6	.	WASHER	2	A,B
-18	AN515-6-18	.	SCREW	2	A,B
-19	8C4-3	.	COVER, Switch protector (North American)	1	A,B
-20	AN3210-1	.	SWITCH	1	A,B
-21	AN3169-1	.	ACTUATOR	1	A,B
-22	176-68706	*1 .	CABLE ASSEMBLY, Emergency jettison forward	1	A,B
-23	170-68750	.	CLEVIS ASSEMBLY, Emergency jettison mechanical advantage	1	A,B
-24	172-68702	.	BRACKET ASSY, Emergency jettison mechanical advantage	1	A,B

*1 Refer to T. O. 1F-86-126.

USEABLE ON CODE: A 51-2850 thru 51-12976
B 51-13070 thru 51-13169

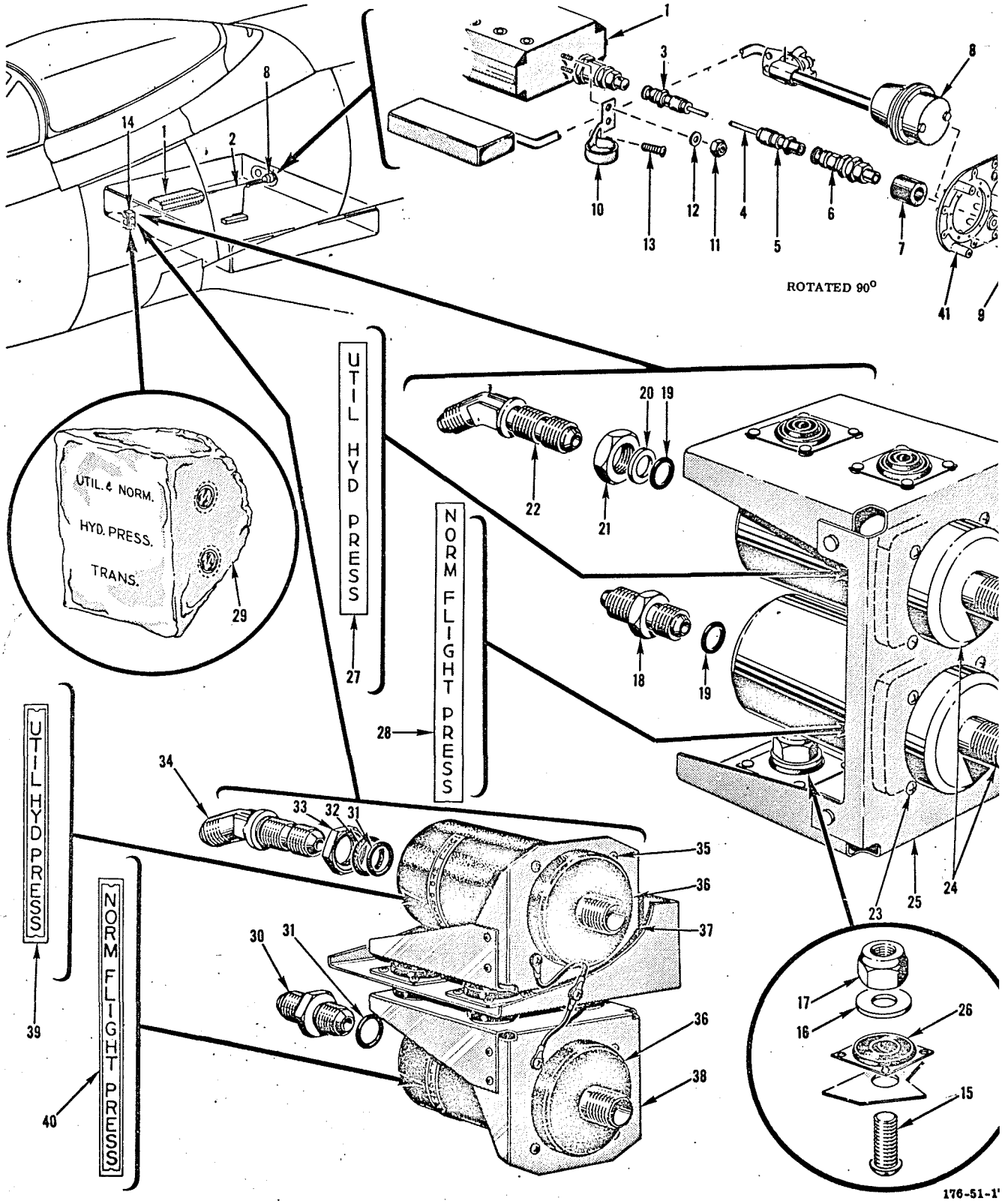


FIGURE 73 - WING CENTER SECTION INSTRUMENT EQUIPMENT

WING INSTRUMENTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
73	170-51013	INSTRUMENT EQUIPMENT INSTALLATION, Wing center section (see figure 6 for next assy)	NP	A
	176-51013	INSTRUMENT EQUIPMENT INSTALLATION, Wing center section (see figure 6 for next assy)	NP	B
-1	EA909E2A1	. LIQUIDENSITOMETER, (Liquidometer) (use EA909C1 until exh)	1	
-2	170-51105	. LEAD ASSEMBLY, Densitometer to fuel cell door	1	
-3	412270"C"	. . CONNECTOR, (Minneapolis-Honeywell)	1	
-4	PFGGF-SF-100-20	. . CABLE, Coaxial (Boston Wire & Cable)	1	
-5	412269"F"	. . CONNECTOR, (Minneapolis-Honeywell)	1	
-6	412271"E"	. CONNECTOR, (Minneapolis-Honeywell)	1	
-7	170-51106	. SEAL, Wing center section fuel cell transmitter access door	1	
-8	EA379AC547AM	. TRANSMITTER ASSEMBLY, Center wing fuel level (use EA379AC547A until exh) (Liquidometer) (North American dwg 170-51007)	1	E
	EA379AC1440	. TRANSMITTER ASSEMBLY, Center wing fuel level (Liquidometer) (North American dwg 170-51007-10)	1	F
-9	AN502-10-10	. SCREW	10	
-10	170-51104-1	. SUPPORT ASSEMBLY, Fuel gage liquidensitometer LH	1	
	170-51104-2	. SUPPORT ASSEMBLY, Fuel gage liquidensitometer RH	1	
-11	AN363C428	. NUT	4	A
	AN315C4R	. NUT	4	B
-12	AN960C416	. WASHER	4	A
	AN936B416B	. WASHER	4	B
-13	AN515-8R8	. SCREW	2	
-14	172-51108	. SUPPORT ASSEMBLY, Hydraulic pressure transmitter	1	C
	ATTACHING PARTS			
-15	AN515-8R12	. SCREW	4	C
-16	AN8013D1	. WASHER	4	C
-17	AN365-832	. NUT	4	C
	---*---			
-18	AN815-4	. . UNION	1	C
-19	AN6290-4	. . GASKET	2	C
-20	AN6291-4	. . RING	1	C
-21	AN6289-4	. . NUT	1	C
-22	AN837-4	. . ELBOW	1	C
-23	AN515B6R6	. . SCREW	8	C
-24	No Number	. . TRANSMITTER, Type N1 hydraulic pressure (Spec 21323) (AERNO 61-1455) (GFAE) (MIL-T7113) (MS28005-5)	2	C
-25	172-51109	. . BRACKET ASSEMBLY, Hydraulic pressure transmitter support	1	C
-26	AN8008D2	. . . INSULATOR	4	C
-27	165-51045-3	. . DECAL, Fuel oil and hydraulic pressure (utility hydraulic pressure)	1	C
-28	165-51045-23	. . DECAL, Fuel oil and hydraulic pressure (normal flight pressure) (use 165-51045-5 until exh)	1	C
-29	172-51019	. COVER ASSEMBLY, Hydraulic pressure transmitter wing center section	1	C
-30	AN815-4	. UNION	1	D
-31	AN6290-4	. GASKET	2	D
-32	AN6291-4	. RING	1	D
-33	AN6289-4	. NUT	1	D
-34	AN837-4	. ELBOW	1	D
-35	AN515-6R6	. SCREW	8	D
-36	No Number	. TRANSMITTER, Hyd pressure (MIL-T7113) (MS 28005-5) (AERNO 61-1455) (GFAE) (Spec 21323)	2	D
-37	187-51054	. SUPPORT ASSY, Normal and utility hyd press transmitter	1	D
-38	187-51054-3	. SUPPORT ASSY, Normal and utility hyd press transmitter	1	D
-39	191-51045-3	. DECAL, Utility hydraulic press	1	D
-40	191-51045-5	. DECAL, Normal flight press	1	D
-41	140-48022-11	DOOR, Center wing fuel cell rear access (see figure 45)	Ref	

USEABLE ON CODE:
A 51-2850 thru 51-12976
B 51-13070 and subs
C 51-2850 thru 51-13226
D 51-13227 and subs
E 51-2850 thru 53-1228
F 55-3816 and subs

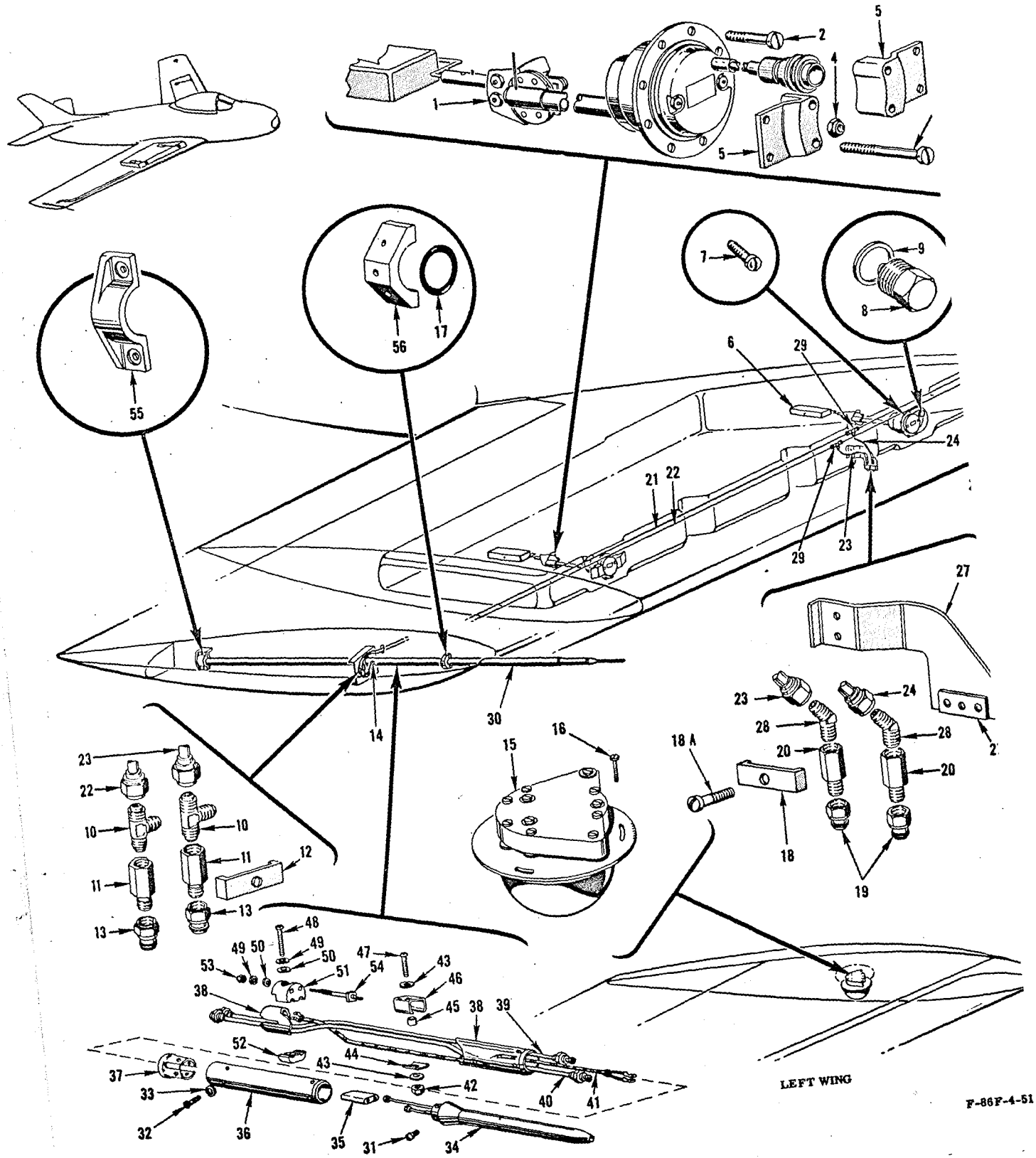


FIGURE 74 - OUTER WING INSTRUMENT EQUIPMENT

Changed 9 October 19

WING INSTRUMENTS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
74	151-51014		INSTRUMENT EQUIP. INSTL, LH wing (see fig. 8 for next assy). . .	NP	
	170-51114		INSTRUMENT EQUIP. INSTL, RH wing (see fig. 8 for next assy). . .	NP	A
	227-51114		INSTRUMENT EQUIP. INSTL, RH wing (see fig. 8 for next assy). . .	NP	B
-1	EA378A545M		. TRANSMITTER ASSY, Outer wing fuel level outbd (Liquidometer). (use EA378A545 (Liquidometer) untl exh)	1	
	EA1479		. GASKET, Fuel level transmitter (Liquidometer) (furnished wth EA738A545 transmitter, Liquidometer) . .	1	
-2	AN502-416-10		. SCREW	4	
-3	AN502-416-26		. SCREW	4	
-4	AN365-1032		. NUT	4	
-5	151-51062		. SUPPORT, Wing outer panel outboard fuel level transmitter . .	2	
-6	EA378A546M		. TRANSMITTER ASSEMBLY, Outer wing fuel level inboard . . . . . (Liquidometer) (use EA378A546 (Liquidometer) unt exh)	1	
	EA1480		. GASKET, Fuel level transmitter (Liquidometer) . . . . . (furnished with EA378A546 transmitter, Liquidometer)	1	
-7	AN502-10-10		. SCREW	10	
-8	151-51068		. PLUG ASSEMBLY, Fuel level transmitter access	1	
-9	MS29512-3		. GASKET	1	
-10	AN826-4D		. TEE	2	A,*2
	AN834-4D		. TEE	2	B,*2*3
	AN929-4		. CAP	2	B,*2*3
	AN924-4D		. NUT	2	B,*2*3
	2W18-716		. WASHER	2	B,*2*3
-11	165-51109		. SUMP, Airspeed lines drain outboard	2	A,*2
-12	165-51110		. CLAMP, Airspeed lines sump	1	A,*2
	AN520-10R20		. SCREW	1	A,*2
	AN365-1032		. NUT	1	A,*2
-13	AN929-4		. CAP	2	A,*2
-14	AN931A6-10		. GROMMET	1	A,*2
-15	No Number		. TRANSMITTER, Remote compass type C2 unstabilized (Spec 27635) (AERNO 60-1476) (GFAE) (intrch wth AERNO 60-1479, Spec 27635 and type C2 AERNO 60-1483) . . .	1	*1
-16	AN515B6R8		. SCREW	3	*1
-17	165-51144		. SEAL, Wing outer panel airspeed boom to RH wing tip	1	*2
-18	165-51110		. CLAMP, Airspeed line sump	1	*2
-18A	AN520-10R20		. SCREW, (RH)	1	
-18B	AN365-1032		. NUT, (RH)	1	
-19	AN929-4		. CAP	2	*2
-20	165-51109		. SUMP, Airspeed lines drain outboard	2	*2
-21	161-51801-47		. LINE ASSY, Wing tip drain sump to wing inbd drain sump . . .	1	B,*2*3
	170-51801-79		. LINE ASSY, Airspeed boom sump to wing sta 256 union static .	1	B,*2*3
	170-51801-75		. LINE ASSY, Airspeed WS256 union to inboard drain sump static	1	B,*2*3
-22	161-51801-49		. LINE ASSY, Wing tip drain sump to wing inboard drain sump . .	1	A,*2
	170-51801-81		. LINE ASSY, Airspeed boom sump to wing sta 256 union pressure.	1	B,*2*3
	170-51801-77		. LINE ASSY, Airspeed WS256 union to wing inbd drain sump press.	1	B,*2*3
-23	170-51801-39	*5	. LINE ASSY, Airspeed wing inbd drain tee to drain sump RH. . .	1	*2
	202-518006-3	*6	. LINE ASSY, Airspeed press. wing inbd drain tee to drain sump RH	1	C,*2
-24	170-51801-73	*5	. LINE ASSY, Airspeed wing inbd drain tee to drain sump RH . .	1	
	202-518006-5	*6	. LINE ASSY, Airspeed static, wing inbd drain tee to sump RH. .	1	C
-25	161-51801-53		. LINE ASSY, Wing inbd drain sump to RH elbow WL18 1/2 (RH) . .	1	
-26	170-51801-57		. LINE ASSY, Wing inbd drain sump to RH tee WL18 1/2 (RH) . . .	1	
	170-51103		. BRACKET ASSY, Airspeed lines and drain sump support inbd RH .	1	
-27	170-51103-3		. . BRACKET, Airspeed lines and drain sump support	1	
-27A	170-51103-5	*5	. . SPACER, Airspeed lines and drain sump support	1	
-28	AN823-4D		. ELBOW (RH).	2	
-29	AN824-4D		. TEE (RH)	2	
-30	187-51098-10		. BOOM ASSY, Airspeed pitot static tube (RH) (whn exh . . . . . use 187-51098-20)	1	B
	187-51098-20		. BOOM ASSY, Airspeed pitot static tube (RH) (use 187-51098-10 untl exh)	1	B
	165-51017-3		. BOOM ASSY, Airspeed pitot static tube (RH)	1	A,*4
-31	AN501A6-4		. . SCREW	4	*2*3
-32	AN509-10R5		. . SCREW	4	*2*3
-33	1510-05		. . LOCKWASHER	4	*2*3
-34	AN5816-2		. . PITOT TUBE, (Spec MIL-T5420A) (AERNO 60-9200) (GFAE) . . .	1	*2*3
-35	AN3115-1		. . RECEPTACLE, Airspeed tube electrical	1	*2*3
	165-51099		. . SLEEVE ASSY, WOP pitot static tube attaching	1	*2*3
-36	165-51091		. . . SLEEVE, WOP pitot static tube attaching	1	*2*3
-37	165-51098		. . . RETAINER, WOP airspeed boom tube to sleeve	1	*2*3
-38	187-51099-10		. . TUBE ASSEMBLY, Airspeed boom	1	B,*2*3
	165-51092-3		. . TUBE ASSEMBLY, Airspeed boom	1	A,*2*4
-39	187-51067-17		. . LINE ASSY, Airspeed pitot-static boom	1	B,*2*3
	165-51056-5		. . LINE ASSY, Airspeed pitot-static boom	1	A,*2*4
-40	187-51067-15		. . LINE ASSY, Airspeed pitot-static boom	1	B,*2*3
	165-51056-3		. . LINE ASSY, Airspeed pitot-static boom	1	A,*2*4
-41	10C2B12-50 1/2		. . CONDUIT, Flexible clear	1	B,*2*3
-42	AN365-632		. . NUT	4	B,*2*3
-43	2W18-6		. . WASHER	8	B,*2*3
-44	227-51019		. . SUPPORT, Airspeed boom tubing	4	B,*2*3
-45	NAS43DD1-15		. . SPACER	4	B,*2*3

(Nomenclature continued on next page)

WING INSTRUMENTS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
74-46	227-51018	. . BRACKET, Airspeed boom pitot and static line	4	B,*2
-47	AN515-6R10	. . SCREW	4	B,*2
	187-51081	. . BLOCK ASSY, Airspeed boom electrical disconnect	1	B,*2
-48	AN515-6R18	. . . SCREW	1	B,*2
-49	AN936A6B	. . . WASHER	3	B,*2
-50	2W1-10-9-20	. . . WASHER	3	B,*2
-51	187-51079	. . . BLOCK, Airspeed boom electrical disconnect	1	B,*2
-52	187-51080	. . . CAP, Airspeed boom electrical disconnect	1	B,*2
-53	AN341-6	. . . NUT	2	B,*2
-54	187-51078	. . . PIN, Airspeed boom electrical disconnect	1	B,*2
-55	165-51108-5	FITTING, WOP airspeed boom rear beam attachg (see fig. 12 & 14).	Ref	A,*2
-56	165-51107-9	FITTING, WOP airspeed boom fwd attachg (see fig. 7 & 15)	Ref	A,*2
	187-51064-3	FITTING, WOP airspeed boom aft attachg (see fig. 20)	Ref	B,*2
	187-51064	FITTING, WOP airspeed boom fwd attachg (see fig. 20)	Ref	B,*2

*1 Used on left hand wing only.
*2 Used on right hand wing only.
*3 Also used on airplanes 51-13170 thru 53-1127 mod per T. O. 1F-86F-516.
*4 Not used on airplanes 51-13170 thru 53-1227 modified per T. O. 1F-86F-516.
*5 Not used on airplanes Coded C modified per T. O. 1F-86F-533.
*6 Used on airplanes coded C modified per T. O. 1F-86F-633.

USEABLE ON CODE: A 51-2850 thru 53-1228
B 55-3816 thru subs.
C 51-13170 thru 51-13510,
52-5272 thru 52-5521,
52-5523 thru 52-5530,
52-4305 thru 52-5015,
52-5017 thru 52-5163

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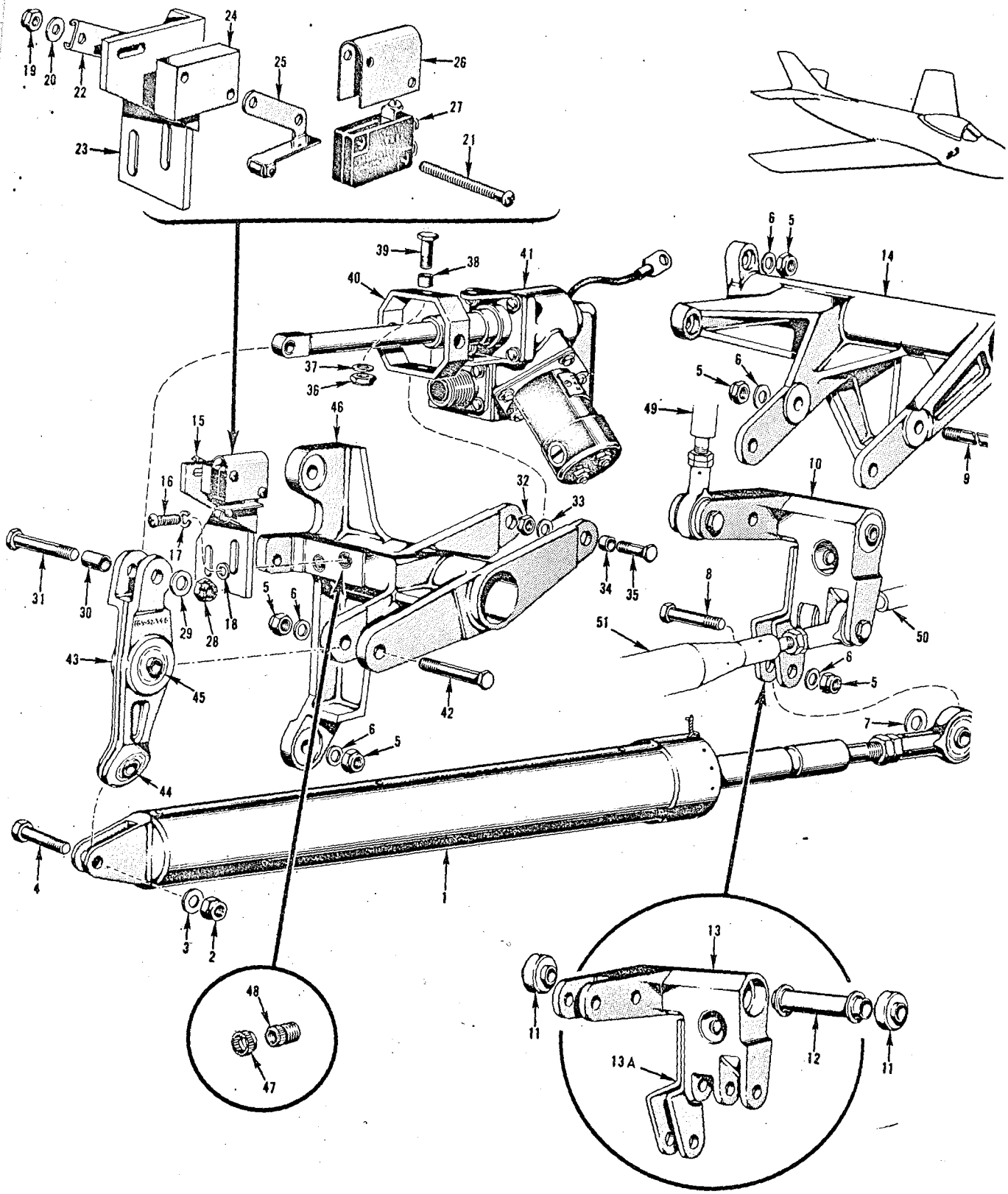


FIGURE 75 - WING CENTER SECTION SURFACE CONTROLS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE C CODE
75	170-52013	SURFACE CONTROLS INSTL, WCS (see figure 6 for next assembly) . .	NP	
-1	165-52337-13	. BUNGEE ASSY, Aileron control artificial feel (use . . . . . 165-52337-9 untl exh) (refer to T. O. 16C1-1-114 for breakdown)	1	C .
	165-52337-17	. BUNGEE ASSY, Aileron control artificial feel (refer to. . . . T. O. 16C1-1-114 for breakdown)	1	D
		ATTACHING PARTS		
-2	AN365-1032	. NUT	1	
-3	AN960D10	. WASHER	1	
-4	AN173-11A	. BOLT	1	
-5	AN365-428	. NUT	9	
-6	AN960D416	. WASHER	9	
-7	AN960D416L	. WASHER	2	
-8	AN174-13A	. BOLT	1	
		---*---		
-9	AN174-44A	. BOLT	1	
-10	176-52322	. BELLCRANK ASSY, Aileron control wing center section . . . . . complete (use 170-52322 untl exh)	1	
-11	AN200KP4	. . BEARING	2	
-12	4S7-5-2.438	. . SPACER, Flanged dual bearing (North American)	1	
-13	176-52322-5	. . BELLCRANK ASSY, Aileron control wing center section . . .	1	
-13A	172-52354	. . . FORK ASSY, Aileron control wing center section . . . . bellcrank	1	
-14	170-52320	. SUPPORT, Aileron control wing center section bellcrank . . .	1	
-15	165-54757	. SWITCH ASSY, Aileron neutral position indicating	1	
		ATTACHING PARTS		
-16	AN515-8R8	. SCREW	2	
-17	AN935-8	. WASHER	2	
-18	AN960D8	. WASHER	2	
		---*---		
-19	AN365-440	. . NUT	2	
-20	AN960D4	. . WASHER	2	
-21	AN515-4R18	. . SCREW	2	
-22	165-54757-5	. . CLIP, Aileron neutral position indicating	1	
-23	172-54711	. . BRACKET, Aileron neutral position indicating switch . . .	1	
-24	165-547118	. . SPACER, Aileron neutral position indicating switch	1	
-25	JV5	. . ACTUATOR, Micro Switch (Micro Switch).	1	
-26	170-54763	. . INSULATOR, Electrical AN3234-1 switch	1	
-27	AN3234-1	. . SWITCH, Class E limit	1	
	165-547133	. ACTUATOR ASSY, Electrical aileron trim (use Lear part . . . . No. 396H or Airesearch part No. 31586 untl exh)	1	
		ATTACHING PARTS		
-28	AN310-4	. NUT	1	
-29	AN960D416	. WASHER	1	
-30	4B21S4-016	. BUSHING, Spacer (North American)	1	
-31	AN174-15	. BOLT	1	
-32	AN364-428	. NUT	2	
-33	AN960D416L	. WASHER	2	
-34	4B19B4-005	. BUSHING, Press fit plain (North American)	2	
-35	NAS464-4-4	. BOLT, Shear close tolerance	2	
		---*---		
-36	AN364-428	. . NUT	2	
-37	AN960D416L	. . WASHER	2	
-38	4B19B4-005	. . BUSHING, Press fit plain (North American)	2	
-39	NAS464-4-4	. . BOLT, Shear close tolerance	2	
-40	165-523183	. . GIMBAL, Aileron control artificial feel trim unit	1	
-41	396H	. . ACTUATOR ASSY, Linear screw jack type aileron bungee trim (Lear) (Lear dwg No. 86283) (intrch wth 31586-1) (Airesearch)	1	
-42	AN174-15A	. BOLT	4	
-43	165-52346-5	. BELLCRANK ASSY, Aileron control artificial feel bungee. . . . actuating	1	
-44	AN206DS3	. . BEARING	1	
-45	AN207DP4	. . BEARING	1	
-46	165-52334-3	. SUPPORT ASSY, Aileron control artificial feel bungee	1	A
	165-52334	. SUPPORT ASSY, Aileron control artificial feel bungee	1	B
-47	RL21SB6	. . RING, (Rosan)	2	
-48	RD104SH5L	. . INSERT, (Rosan)	2	
-49	170-52304	ROD ASSY, Aileron control fuselage towing connecting . . . . . (see figure 209)	Ref	
-50	170-52319	ROD ASSY, Aileron control wing center section LH . . . . . (see figure 209)	Ref	
-51	170-52323	ROD ASSY, Aileron control wing center section RH . . . . . (see figure 209)	Ref	

USEABLE ON CODE: A 51-2850 thru 51-12976
B 51-13070 and subs
C 51-2850 thru 53-1228
D 55-3816 and subs

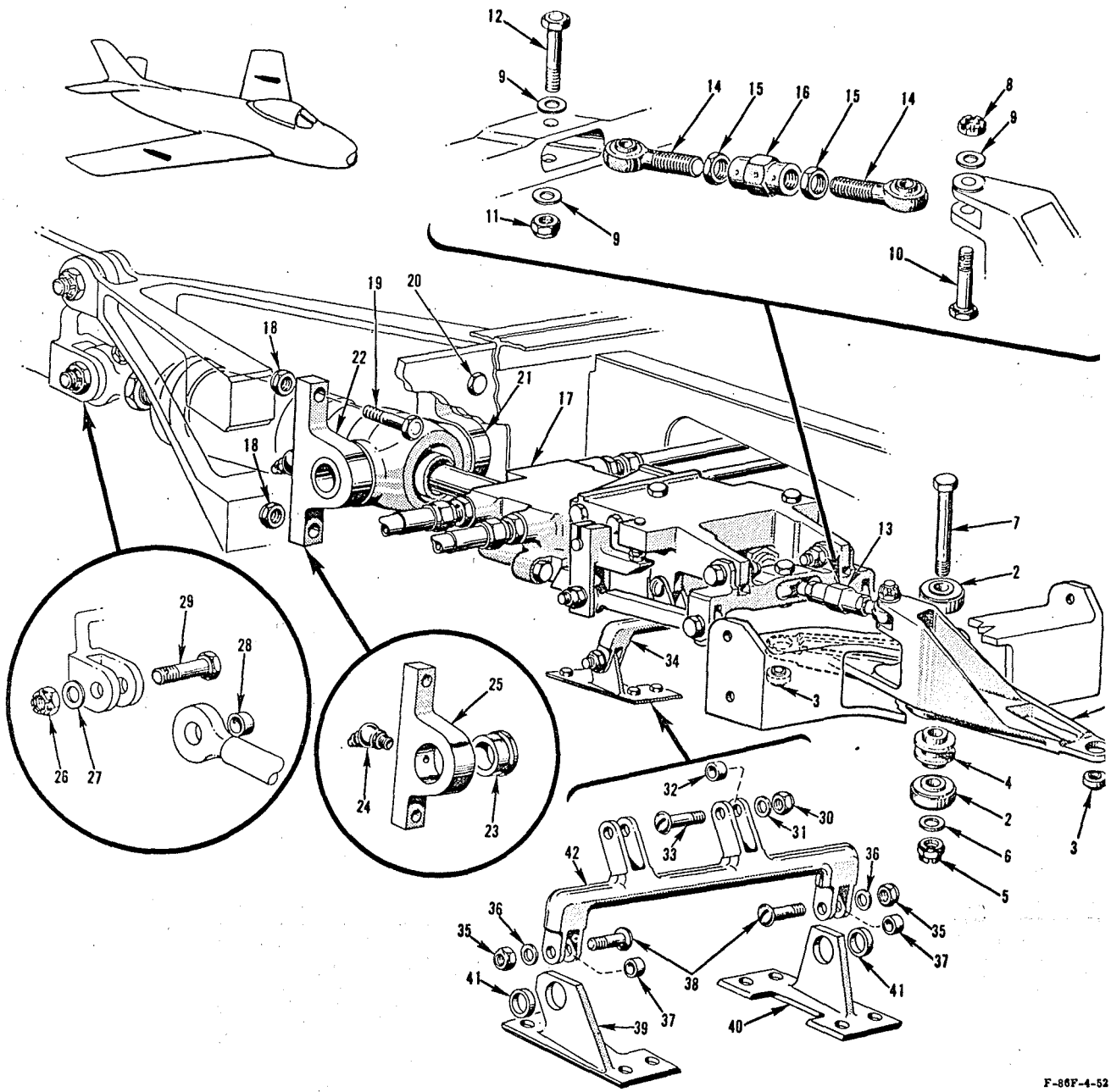


FIGURE 76 - MECHANISM INSTALLATION AILERON CONTROL SURFACE OPERATING

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEA C
76	165-52326-1	MECHANISM INSTALLATION, Aileron control surface operating LH . . (see figure 77 for next assy)	NP	
	165-52326-2	MECHANISM INSTALLATION, Aileron control surface operating RH . . (see figure 77 for next assy)	NP	
-1	165-52324-5	. BELLCRANK ASSEMBLY, Aileron control outer wing LH	1	
	165-52324-6	. BELLCRANK ASSEMBLY, Aileron control outer wing RH	1	
-2	AN200K6	. . BEARING	2	
-3	AN200K3	. . BEARING	2	
-4	4S7-10-.729	. . SPACER, Flanged dual bearing (North American)	1	
-5	AN364-624	. NUT	1	
-6	AN960D616	. WASHER	1	
-7	NAS64-6A41	. BOLT, Shear close tolerance	1	
-8	AN320-4	. NUT	1	
-9	AN960D416	. WASHER	3	
-10	NAS464-4-16	. BOLT, Shear close tolerance	1	
-11	AN365-428	. NUT	1	

WING SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
76-12	AN174-14A	.	BOLT	1	
-13	165-52398	.	TURNBUCKLE ASSEMBLY, Aileron valve control	1	
-14	165-52397-1	. .	ROD END ASSY, Aileron valve control (LH thread) (altered from Fafnir part No. RE4ML6)	1	
	165-52397-2	. .	ROD END ASSY, Aileron valve control (RH thread) (altered from Shafer part No. MR4)	1	
-15	AN316-6L	. .	NUT	1	
	AN316-6R	. .	NUT	1	
-16	165-523109	. .	BARREL, Aileron valve control turnbuckle	1	
-17	165-58705-13	.	ACTUATOR ASSY, Hydraulic aileron power control (whn exh use 165-58705-131)	1	
	165-58705-131	.	ACTUATOR ASSY, Hydraulic aileron power control (use 165-58705-13 untl exh) (refer to T. O. 9H2-4-5-4 for breakdown)	1	A
	165-58705-117	.	ACTUATOR ASSY, Hyd aileron power control (refer to T. O. 9H2-4-5-4 for breakdown)	1	B
	ATTACHING PARTS				
-18	AN365-524	.	NUT	2	
-19	AN5-23A	.	BOLT	1	
-20	AN5-22A	.	BOLT	1	
	AN365-524	.	NUT	2	
-21	201-16064-1	.	FITTING ASSY, Aileron actuator hydraulic strut trunnion support LH (use 165-16064-1 or 165-16064-11 untl exh)	1	
	165-16064-1	.	FITTING ASSY, Aileron actuator hydraulic strut trunnion support LH (whn exh use 165-16064-11 or 201-16064-1)	1	
	165-16064-11	.	FITTING ASSY, Aileron actuator hydraulic strut trunnion support LH (whn exh use 201-16064-1)	1	
-22	201-16064-2	.	FITTING ASSY, Aileron actuator hydraulic strut trunnion support RH (use 165-16064-2 or 165-16064-12 untl exh)	1	
	165-16064-2	.	FITTING ASSY, Aileron actuator hydraulic strut trunnion support RH (whn exh use 165-16064-12 or 201-16064-2)	1	
	165-16064-12	.	FITTING ASSY, Aileron actuator hydraulic strut trunnion support RH (whn exh use 201-16064-2)	1	
-23	201-16046	. .	BUSHING, Aileron actuating hydraulic strut trunnion support (used on 201-16064-1 & -2 only)	1	
	165-16046	. .	BUSHING, Aileron actuating hydraulic strut trunnion support (used on 165-16064-1 & 2 only)	1	
	165-16046-3	. .	BUSHING, Aileron actuating hydraulic strut trunnion support (used on 165-16064-11 & 12 only)	1	
-24	MS15001-3	. .	FITTING, (used on 201-16064-1 & -2 only)	1	
	AN944-201	. .	FITTING, (used on 165-16064-11 & -12 only)		
-25	201-16064-3	. .	FITTING, Aileron actuator hydraulic strut trunnion support LH (used on 201-16064-1 only)	1	
	201-16064-4	. .	FITTING, Aileron actuator hydraulic strut trunnion support RH (used on 201-16064-2 only)	1	
	165-16064-3	. .	FITTING, Aileron actuator hydraulic strut trunnion support (used on 165-16064-1 & -2 only)	1	
	165-16064-5	. .	FITTING, Aileron actuator hydraulic strut trunnion support (used on 165-16064-11 & -12 only)	1	
-26	AN320-8	.	NUT	1	
-27	2W18-816	.	WASHER, Flat (North American)	1	
-28	4B21S8-024	.	BUSHING, (North American)	1	
-29	NAS464-8-24	.	BOLT, Shear close tolerance	1	
-30	AN364-428	.	NUT	2	
-31	AN960D416L	.	WASHER	2	
-32	4B21S4-012	.	BUSHING, (North American)	2	
-33	AN24-15A	.	BOLT	2	
	---*---				
-34	165-52360-1	.	IDLER ASSEMBLY, Aileron control valve support LH (whn exh use 165-52360-11)	1	
	165-52360-2	.	IDLER ASSEMBLY, Aileron control valve support RH (whn exh use 165-52360-12)	1	
	165-52360-11	.	IDLER ASSEMBLY, Aileron control valve support LH (use 165-52360-1 untl exh)	1	
	165-52360-12	.	IDLER ASSEMBLY, Aileron control valve support RH (use 165-52360-2 untl exh)	1	
-35	AN364-428	. .	NUT	2	
-36	AN960D416L	. .	WASHER, (used on 165-52360-1 & -2)	2	
	2W18-416L	. .	WASHER, Flat (North American) (used on 165-52360-11 & -12)	2	
-37	170-523145	. .	SPACER, Ail cont valve sup (used on 165-52360-1 & -2)	2	
	4B21S4-010	. .	BUSHING, Spacer (North American) (used on 165-52360-11 & -12)	2	
-38	AN24-13A	. .	BOLT	2	
-39	165-52363-1	. .	SUPPORT ASSY, Aileron control valve idler inboard LH	1	
	165-52363-2	. .	SUPPORT ASSY, Aileron control valve idler inboard RH	1	
-40	165-52364-1	. .	SUPPORT ASSY, Aileron control valve idler outboard LH	1	
	165-52364-2	. .	SUPPORT ASSY, Aileron control valve idler outboard RH	1	
-41	165-52361	. . .	BUSHING, Aileron control valve support	2	
-42	165-52359-3	. .	IDLER, Aileron control valve support LH	1	
	165-52359-4	. .	IDLER, Aileron control valve support RH	1	

USEABLE ON CODE: A 51-2850 thru 52-5013, 52-5272 thru 52-5328 B 52-5014 thru 52-5271, 52-5329 and subs

WING SURFACE CONTROLS (Cont)

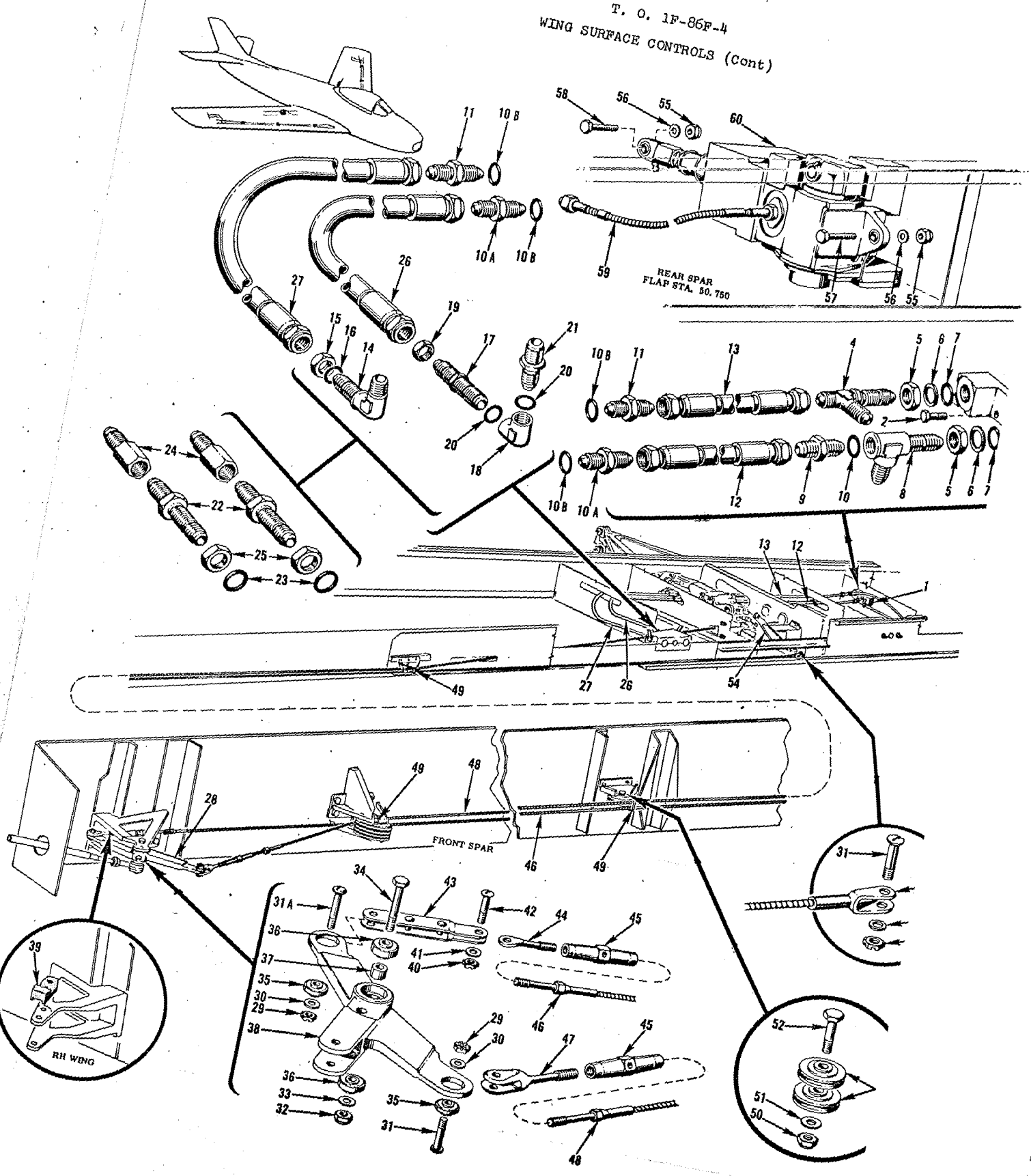


FIGURE 77 - WING OUTER PANEL SURFACE CONTROLS

WING SURFACE CONTROLS (Cont)

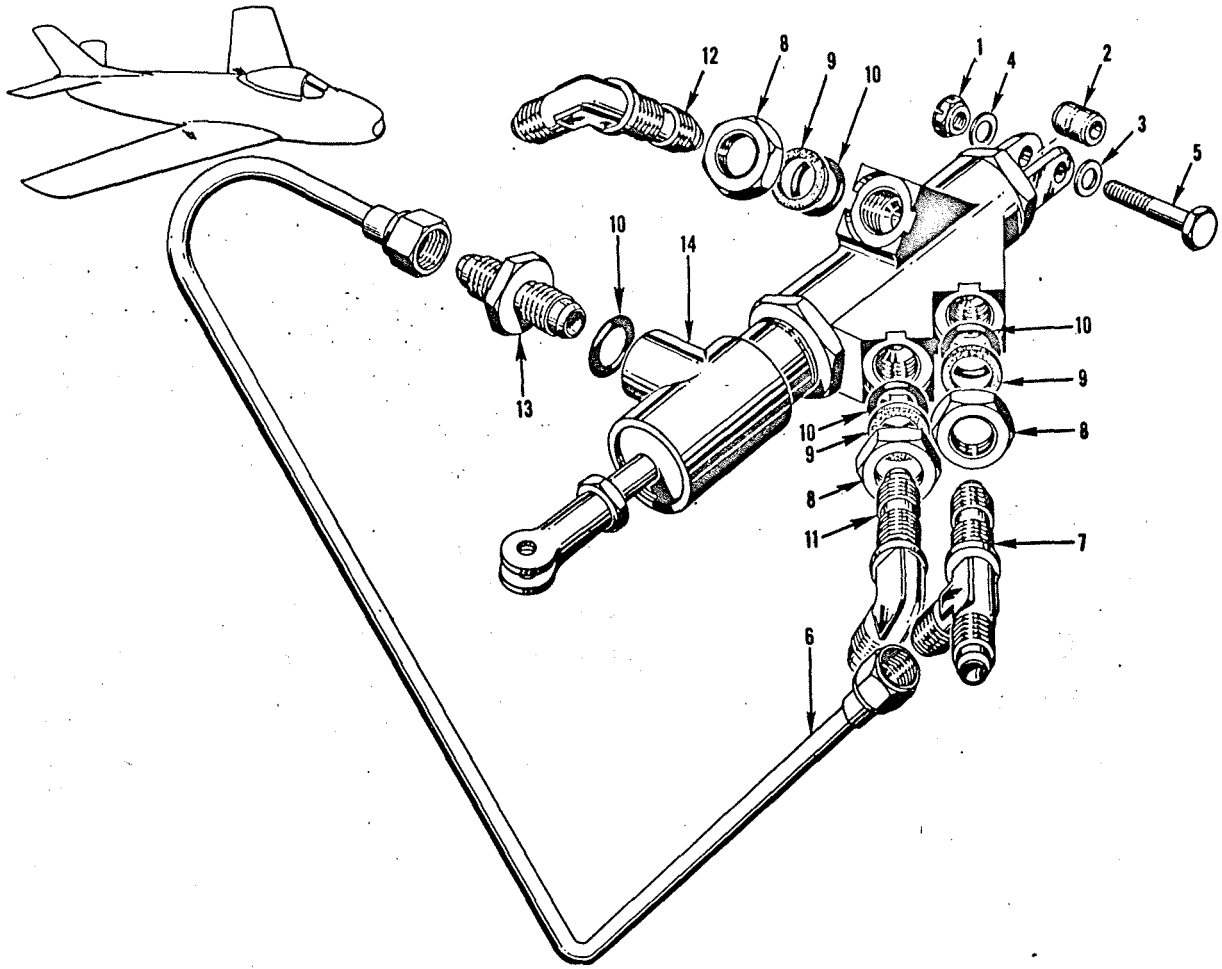
FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
77	170-52014-1		SURFACE CONTROLS INSTALLATION, Wing outer panel LH (see figure 7 for next assembly)	NP	
	170-52014-2		SURFACE CONTROLS INSTALLATION, Wing outer panel RH (see figure 7 for next assembly)	NP	
-1	165-58789-1		. BLOCK ASSEMBLY, Hydraulic aileron actuator cylinder hose anchor LH	1	A
	191-58789-1		. BLOCK ASSEMBLY, Hydraulic aileron actuator cylinder hose anchor LH	1	B
	165-58789-2		. BLOCK ASSEMBLY, Hydraulic aileron actuator cylinder hose anchor RH	1	A
	191-58789-2		. BLOCK ASSEMBLY, Hydraulic aileron actuator cylinder hose anchor RH	1	B
	ATTACHING PARTS				
-2	AN4-6A		. BOLT	2	
			---*---		
-3	165-58788-1		. . BLOCK, Hydraulic aileron actuator cylinder hose anchor LH	1	
	165-58788-2		. . BLOCK, Hydraulic aileron actuator cylinder hose anchor RH	1	
-4	AN804-6		. . TEE, (LH and RH wing) (aileron pressure and return)	1	
-5	AN6289-6		. . NUT, (LH and RH wing) (aileron pressure and return)	2	
-6	AN6291-6		. . RING, (LH and RH wing) (aileron pressure and return)	2	
-7	AN6290-6		. . GASKET, (LH and RH wing) (aileron pressure and return)	2	
-8	AN784-6	*2	. . TEE, (LH wing) (aileron pressure)	1	C
	AN784D6	*2	. . TEE, (LH wing) (aileron pressure)	1	A
	AN784D6	*2	. . TEE, (RH wing) (aileron pressure)	1	
-9	AN919-6D	*2	. . REDUCER, (LH and RH wing) (aileron pressure)	1	
-10	AN6290-6	*2	. . GASKET	1	
-10A	AN919-6D	*2	. REDUCER, (LH and RH aileron pressure)	2	
-10B	AN6290-6		. GASKET, (LH and RH wing)	4	
-11	AN815-6		. UNION	2	
-12	3H3-4-16	*2	. HOSE ASSEMBLY, Plastic covered (North American) (aileron pressure) (altered from MS28741-4-16)	1	
	AN742-D18C		. CLAMP	1	
-13	3H3-6-17		. HOSE ASSEMBLY, Plastic covered (North American) (aileron return) (altered from MS28741-6-17)	1	
-14	AN833-6		. ELBOW, (LH wing) (aileron return)	1	A
	AN833-6D		. ELBOW, (LH wing) (aileron return)	1	B
-15	AN924-6D		. NUT, (LH wing) (aileron return)	1	
-16	AN960D916		. WASHER, (LH wing) (aileron return)	1	A
	2W18-916		. WASHER, Flat (North American) (aileron return)	1	B
-17	AN832-4D	*2	. UNION, (LH wing) (aileron pressure)	1	
-18	AN939D4	*2	. ELBOW, (LH wing) (aileron pressure)	1	
-19	AN924-4D	*2	. NUT, (LH wing) (aileron pressure)	1	
-20	AN6290-4	*2	. GASKET, (LH wing) (aileron pressure)	2	
-21	AN919-6D	*2	. REDUCER, (LH wing) (aileron pressure)	1	
-22	AN832-6D		. UNION, (RH wing) (aileron pressure and return)	2	
-23	AN6290-6		. GASKET, (RH wing) (aileron pressure and return)	2	
-24	AN894D6-4	*2	. BUSHING, (RH wing) (aileron pressure and return)	2	
-25	AN924-6D	*2	. NUT, (RH wing) (aileron pressure and return)	2	
-26	3H3-4-23 1/2	*2	. HOSE ASSEMBLY, Plastic covered (North American) (altered from MS28741-4-23 1/2) (aileron pressure)	1	
-27	3H3-6-28 1/2	*1	. HOSE ASSEMBLY, Plastic covered (North American) (aileron return) (use 165-58791-7 until exh) (altered from MS28741-6-28 1/2)	1	A
-28	165-52321-5		. BELLCRANK ASSEMBLY, Aileron control wing outer panel inboard LH	1	
	165-52321-6		. BELLCRANK ASSEMBLY, Aileron control wing outer panel inboard RH	1	
	ATTACHING PARTS				
-29	AN320-3		. NUT	4	
-30	AN960D10		. WASHER	4	
-31	AN23-13		. BOLT	3	
-31A	AN23-12		. BOLT	1	
-32	AN365-428		. NUT	1	
-33	AN960D416		. WASHER	1	
-34	AN174-23A		. BOLT, (LH wing)	1	
	AN174-24A		. BOLT, (RH wing)	1	
			---*---		
-35	AN200K3		. . BEARING	2	
-36	AN200K4		. . BEARING	2	
-37	4S6-4-0.344		. . SPACER, Plain dual bearing (North American)	1	
-38	165-52321-3		. . BELLCRANK, Aileron control wing outer panel inboard LH	1	
	165-52321-4		. . BELLCRANK, Aileron control wing outer panel inboard RH	1	
-39	170-68746		. PLATE, Emergency jettison cable rub (RH wing only)	1	
-40	AN320-3		. NUT	1	
-41	AN960D10		. WASHER	1	
-42	AN23-10		. BOLT	1	
-43	165-523128		. STRIP ASSEMBLY, Aileron control cable adjusting terminal	1	
-44	AN165-16RL		. EYE	1	
-45	AN155-16L		. BARREL	2	
-46	170-52312		. CABLE ASSEMBLY, Aileron control wing outer panel lower	1	
-47	AN162-3RL		. FORK	1	
-48	170-52311		. CABLE ASSEMBLY, Aileron control wing outer panel upper	1	

WING SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEAI C
77-49	NAS427K16	.	PIN, Pulley guard	3	
-50	AN365-428	.	NUT	1	
-51	AN960D416	.	WASHER	1	
-52	AN4-13A	.	BOLT	1	
-53	NAS376-2	.	PULLEY, Secondary control for 1/16 and 3/32 diameter cable	2	
-54	165-52326-1	.	MECHANISM INSTALLATION, Aileron control surface operating LH (see figure 76 for breakdown)	NP	
	165-52326-2	.	MECHANISM INSTALLATION, Aileron control surface operating RH (see figure 76 for breakdown)	NP	
-55	AN365-624	.	NUT	2	
-56	AN960-616	.	WASHER	2	
-57	AN176-12A	.	BOLT	1	
-58	AN176-14A	.	BOLT	1	
-59	M3522M3	.	SHAFT ASSY, Flexible wing flap (Air Associates) (intrch wth M3889-79.60 Air Associates)	1	
-60	M3320	.	ACTUATOR ASSEMBLY, Wing flap (Air Associates) (intrch wth Hoover D1010 reworked per T. O. 8D1-7-11-502, Oster, John ACT-A1954-1 or Stewart, F.W. SK4262A)	1	

*1 Hose assembly to be procured from only Goodrich identified . - (1 dot, 1 dash) or Goodyear identified .... - (4 dots, 1 dash).
*2 Refer to T. O. 1F-86-229.

USEABLE ON CODE:
A 51-2850 thru 52-5013, 52-5272 thru 52-5328
B 52-5014 thru 52-5271, 52-5329 and subs
C 52-4305 thru 52-4604, 51-12936 thru 51-12976, 51-13070 thru 51-13510, 51-2850 thru 51-2943



176-58-63

FIGURE 78 - HYDRAULIC MAIN LANDING GEAR DOWNLOCK COMPLETE CYLINDER ASSEMBLY AND ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
78	151-58628-3	CYLINDER ASSEMBLY, Main landing gear downlock complete LH (see figure 83 for next assy)	Ref	A
	151-58628-6	CYLINDER ASSEMBLY, Main landing gear downlock complete RH (see figure 83 for next assy)	Ref	A
	151-58628-5	CYLINDER ASSEMBLY, Main landing gear downlock complete LH (see figure 83 for next assy)	Ref	B
	151-58628-8	CYLINDER ASSEMBLY, Main landing gear downlock complete RH (see figure 83 for next assy)	Ref	B
		ATTACHING PARTS		
-1	AN310-3	NUT	2	
-2	NAS72-3-0-5	BUSHING, Clamp-up steel chrome plated	2	
-3	AN960-10L	WASHER	2	
-4	AN960-10	WASHER	2	
-5	AN3-10	BOLT	2	
		---*---		
-6	170-58801-51	. LINE ASSY, LG up from tee on lock to union downlock cyl (used on 151-58628-3) LH	1	A
	170-58803-69	. LINE ASSY, LG up downlock tee to union on downlock (used on -6) RH	1	A
	191-58807-79	. LINE ASSY, LG up downlock tee to union on downlock (used on -5) LH	1	B
	191-58807-81	. LINE ASSY, LG up from tee on lock to union downlock cyl (used on 151-58628-8) RH	1	B
-7	AN804-4	. TEE	1	
-8	AN6289-4	. NUT	3	
-9	AN6291-4	. RING	3	
-10	AN6290-4	. GASKET	4	
-11	AN837-4	. ELBOW	1	
-12	AN833-4	. ELBOW	1	
-13	AN815-4	. UNION, (used on 151-58628-3 and -6)	1	A
	AN815-4D	. UNION, (used on 151-58628-8 and -5)	1	B
-14	173-58028-1	. CYLINDER ASSY, Hyd main LG downlock LH (refer to T. O. 9H2-5-28-4 for breakdown)(use 151-58028-1 until exh)	1	
	173-58028-2	. CYLINDER ASSY, Hyd main LG downlock RH (refer to T. O. 9H2-5-28-4 for breakdown)(use 151-58028-2 until exh)	1	

USEABLE ON CODE: A 51-2850 thru 52-4604
B 52-4605 and subs

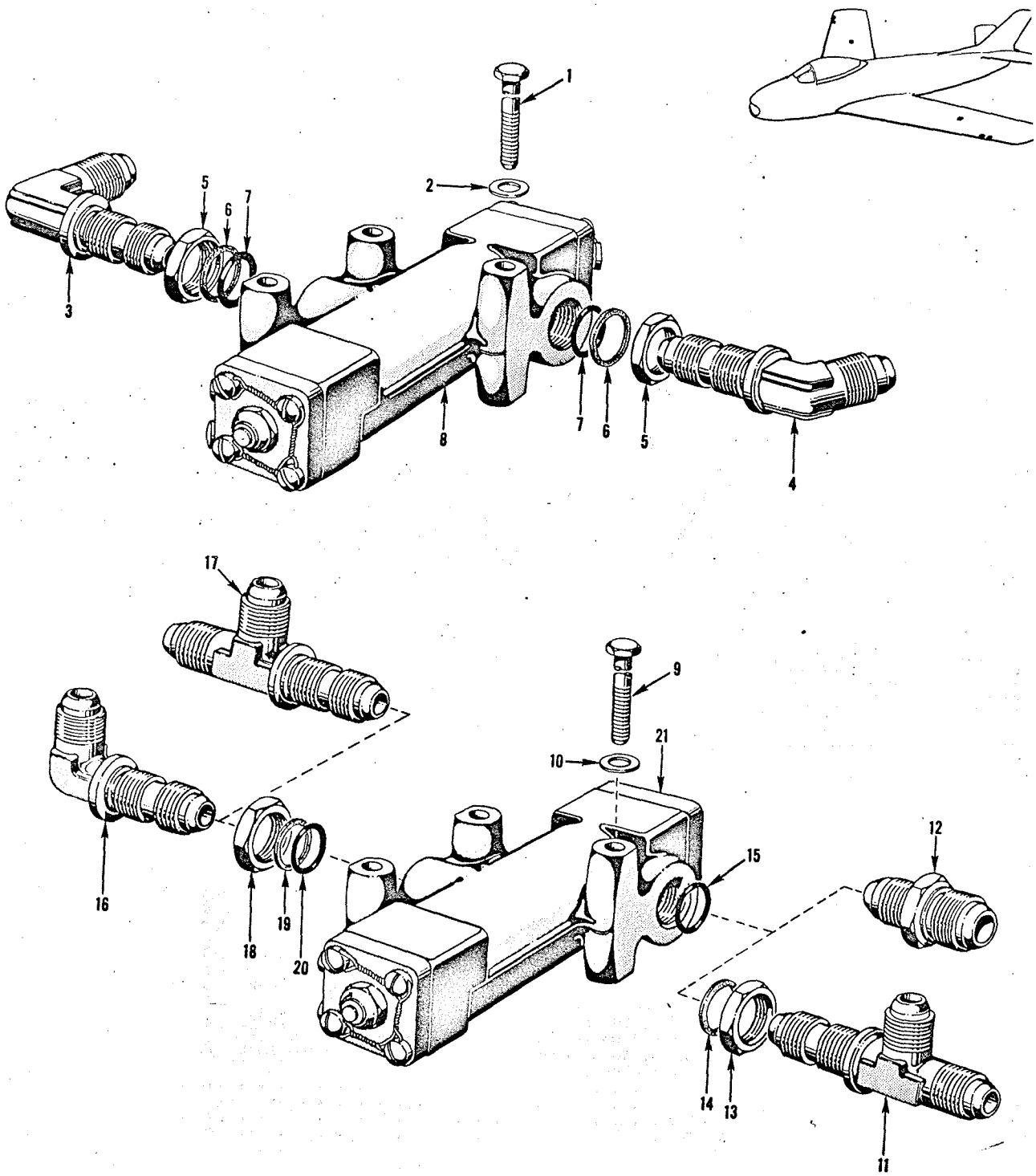


FIGURE 79 - WING HYDRAULIC VALVE ASSEMBLY AND ATTACHING PARTS

WING HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
79			WING HYDRAULIC VALVES AND ATTACHING PARTS		
	170-58636-3	.	VALVE ASSY, Hydraulic aileron flight control relief LH . . . (see figure 83 for next assy)	Ref	A
	170-58636-5	.	VALVE ASSY, Hydraulic aileron flight control relief LH . . . (see figure 83 for next assy)	Ref	B
	170-58637-3	.	VALVE ASSY, Hydraulic aileron flight control relief RH . . . (see figure 83 for next assy)	Ref	A
	170-58637-5	.	VALVE ASSY, Hydraulic aileron flight control relief RH . . . (see figure 83 for next assy)	Ref	B
	ATTACHING PARTS				
-1	AN3-22A	.	BOLT	2	
-2	AN960-10L	.	WASHER	2	
	---*---				
-3	AN833-6D	. .	ELBOW	1	
-4	AN837-6	. .	ELBOW, (used on 170-58636-3 and 170-58637-3)	1	A
	AN837-6D	. .	ELBOW, (used on 170-58636-5 and 170-58637-5)	1	B
-5	AN6289-6	. .	NUT	2	
-6	AN6291-6	. .	RING	2	
-7	AN6290-6	. .	GASKET	2	
-8	AN6279-6CD	. .	VALVE, Hydraulic pressure relief two port	1	
	172-58634-3	.	VALVE ASSY, Hydraulic aileron alternate flight control . . . relief LH (see figure 83 for next assy)	Ref	A
	172-58634-5	.	VALVE ASSY, Hydraulic aileron alternate flight control . . . relief LH (see figure 83 for next assy)	Ref	B
	172-58635-3	.	VALVE ASSY, Hydraulic aileron alternate flight control . . . relief RH (see figure 83 for next assy)	Ref	A
	172-58635-5	.	VALVE ASSY, Hydraulic aileron alternate flight control . . . relief RH (see figure 83 for next assy)	Ref	B
	ATTACHING PARTS				
-9	AN3-20A	.	BOLT	2	
-10	AN960-10L	.	WASHER	2	
	---*---				
-11	AN804-6	. .	TEE, (used on 172-58634-3) (LH wing)	1	A
	AN804D6	. .	TEE, (used on 172-58634-5) (LH wing)	1	B
-12	AN815-6	. .	UNION, (used on 172-58635-3) (RH wing)	1	A
	AN815-6D	. .	UNION, (used on 172-58635-5) (RH wing)	1	B
-13	AN6289-6	. .	NUT, (used on LH wing only)	1	
-14	AN6291-6	. .	RING, (used on LH wing only)	1	
-15	AN6290-6	. .	GASKET	1	
-16	AN833-6D	. .	ELBOW, (used on 170-58634-3 and -5)	1	A
-17	AN804D6	. .	TEE, (used on 172-58635-3 and -5)	1	B
-18	AN6289-6	. .	NUT	1	
-19	AN6291-6	. .	RING	1	
-20	AN6290-6	. .	GASKET	1	
-21	AN6279-6CD	. .	VALVE, Hydraulic pressure relief two port	1	

USEABLE ON CODE:
A 51-2850 thru 52-4604
B 52-4605 and subs

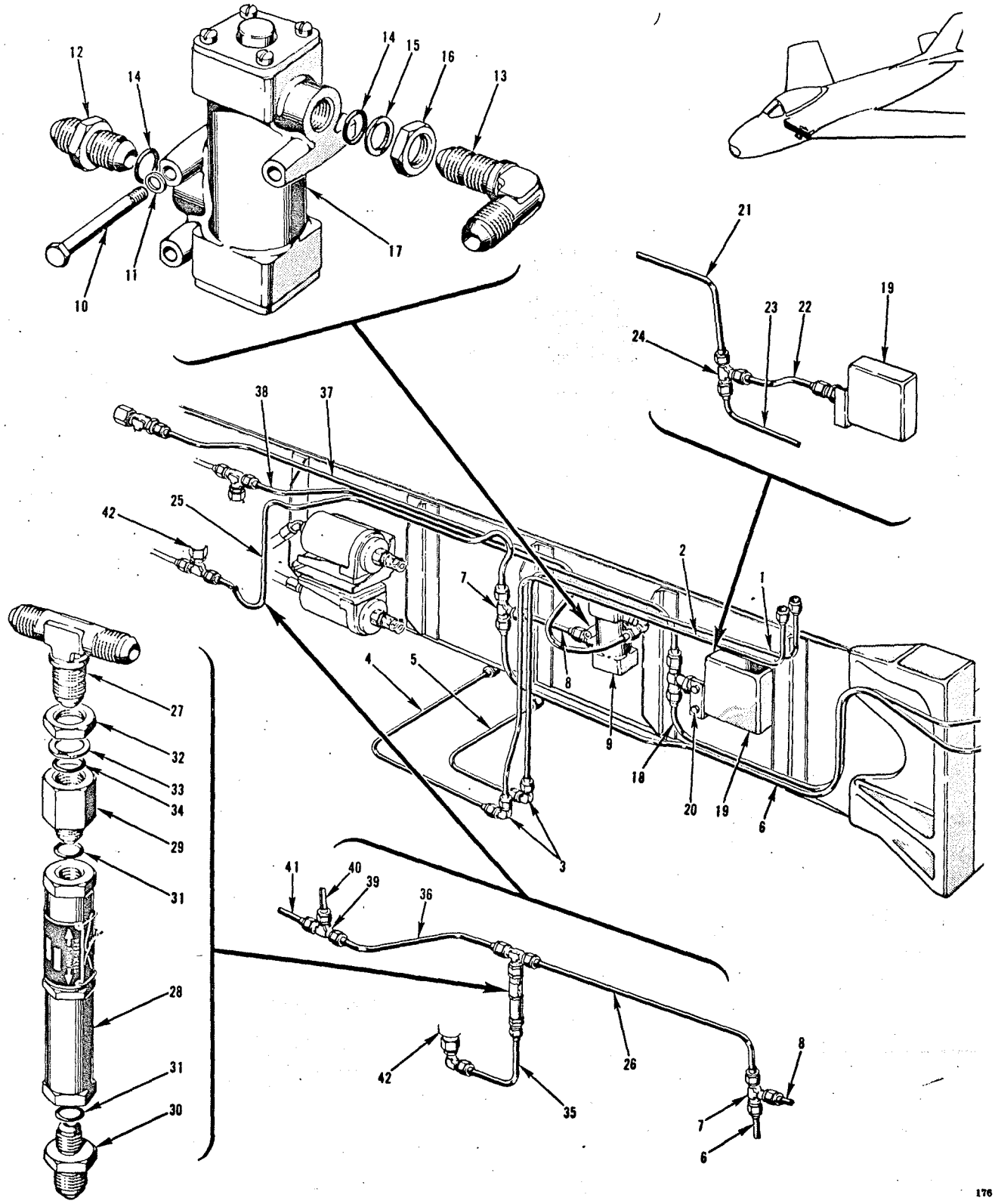


FIGURE 80 - WING CENTER SECTION HYDRAULIC EQUIPMENT

WING HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
80	172-58066		HYDRAULIC EQUIPMENT INSTALLATION, Wing center section (see figure 6 for next assy)	NP	
	No Number	.	WING CENTER SECTION HYDRAULIC EQUIPMENT, (cont) (see figure 81 for breakdown)	NP	
-1	170-58803-3	.	LINE ASSY, Brake press. LH gun bay floor to elbow BP14 hyd	1	
-2	170-58803-5	.	LINE ASSY, Brake press. RH from LH gun bay floor to elbow	1	
-3	AN821-4D	.	ELBOW	2	
-4	170-58803-9	.	LINE ASSY, Brake press. RH from elbow BP14 to union sta 135	1	
-5	170-58803-7	.	LINE ASSY, Brake press. LH from elbow BP14 to union sta 135	1	
-6	172-58801-27	.	LINE ASSY, Power cont ret from male tee BP5 1/2 to union LH	1	
-7	AN824-6D	.	TEE	1	
-8	172-58801-25	.	LINE ASSY, Power control return from male tee BP7 to union	1	
-9	172-58603-3	.	VALVE ASSY, Hydraulic flight control relief (complete)	1	A
	172-58603-5	.	VALVE ASSY, Hydraulic flight control relief (complete)	1	B
	ATTACHING PARTS				
-10	AN3-22A	.	BOLT	3	
-11	AN960D10	.	WASHER	3	
	---*---				
-12	AN815-6D	. .	UNION	1	
-13	AN833-6	. .	ELBOW, (used on 172-58603-3)	1	
	AN833-6D	. .	ELBOW, (used on 172-58603-5)	1	
-14	AN6290-6	. .	GASKET	2	
-15	AN6291-6	. .	RING	1	
-16	AN6289-6	. .	NUT	1	
-17	AN6279-6CD	. .	VALVE ASSY, Hydraulic pressure relief	1	
-18	172-58801-19	.	LINE ASSY, Power control press. from tee on press. switch to union wing station 32 LH	1	C
-19	172-58615	.	SWITCH ASSY, Hydraulic power control system pressure LH (see figure 89 for breakdown)	1	C
	172-58620-3	.	SWITCH ASSY, Hydraulic pressure normal flight control LH (see figure 89 for breakdown)	1	D
	172-58620-7	.	SWITCH ASSY, Hydraulic pressure normal flight control LH (see figure 89 for breakdown)	1	B
	ATTACHING PARTS				
-20	AN3-20A	.	BOLT	2	
	AN960D10	.	WASHER	2	
	---*---				
-21	172-58801-69	.	LINE ASSY, From tee on cyl port by-pass valve to tee BP9	1	D
	191-58813-21	.	LINE ASSY, From tee on cyl port by-pass valve to tee BP9	1	B
-22	172-58801-67	.	LINE ASSY, From pressure switch LH side to tee BP9	1	D
	191-58813-19	.	LINE ASSY, From pressure switch LH side to tee BP9	1	B
-23	172-58801-75	.	LINE ASSY, Tee on cyl port by-pass valve to tee on press. sw.	1	D
	191-58813-27	.	LINE ASSY, Tee on cyl port by-pass valve to tee on press. sw.	1	B
-24	AN824-6	.	TEE	1	D
	AN924-6D	.	TEE	1	B
-25	172-58801-55	.	LINE ASSY, Power control return from male cross BP19 to male tee BP5 1/2	1	E
-26	172-58804-3	.	LINE ASSY, Power control return from tee in restrictor to tee BP6	1	F
-27	AN834-6D	.	TEE	1	F
-28	1V7-8-30	.	VALVE ASSY, Hyd two-way restrictor (North American)(Purolator, element type 36837)(refer to T. O. 9H8-5-15-4 for bkdn)	1	F
-29	AN894D6-4	.	BUSHING	1	F
-30	AN919-6D	.	REDUCER	1	F
-31	AN6290-4	.	GASKET	2	F
-32	AN6289D6	.	NUT	1	F
-33	AN6291-6	.	RING	1	F
-34	AN6290-6	.	GASKET	1	F
-35	172-58804-5	.	LINE ASSY, Power control return from restrictor to elbow in three-way valve	1	F
-36	172-58804-7	.	LINE ASSY, Power control return from tee in restrictor to tee BP20	1	F
-37	172-58801-21	.	LINE ASSY, Power control press. union on female tee BP14 to elbow on press. port of relief valve	1	D
	191-58813-7	.	LINE ASSY, Power control press. union on female tee BP14 to elbow on press. port of relief valve	1	B
-38	172-58801-29	.	LINE ASSY, Power control press. tee on cyl port of by-pass valve to union wing station 32 LH hydraulic	1	C
-39	AN824-6		TEE, (see figure 81)	Ref	
-40	172-58801-3		LINE ASSY, Power control return from RH gun bay floor to male cross BP21 (see figure 81)	Ref	
-41	172-58801-9		LINE ASSY, Power control return from male cross BP21 to union wing station 32 RH hydraulic (see figure 81)	Ref	
-42	172-58616		VALVE ASSY, Hyd power control by-pass complete (see fig. 94)	Ref	

USEABLE ON CODE:

A 51-2850 thru 52-4604
B 52-4605 and subs
C 51-2850 thru 51-12969
51-13070 thru 51-13129
D 51-12970 thru 51-12976,
51-13130 thru 52-4604
E 51-2950 thru 51-13169
F 51-13170 and subs

WING HYDRAULICS (Cont)

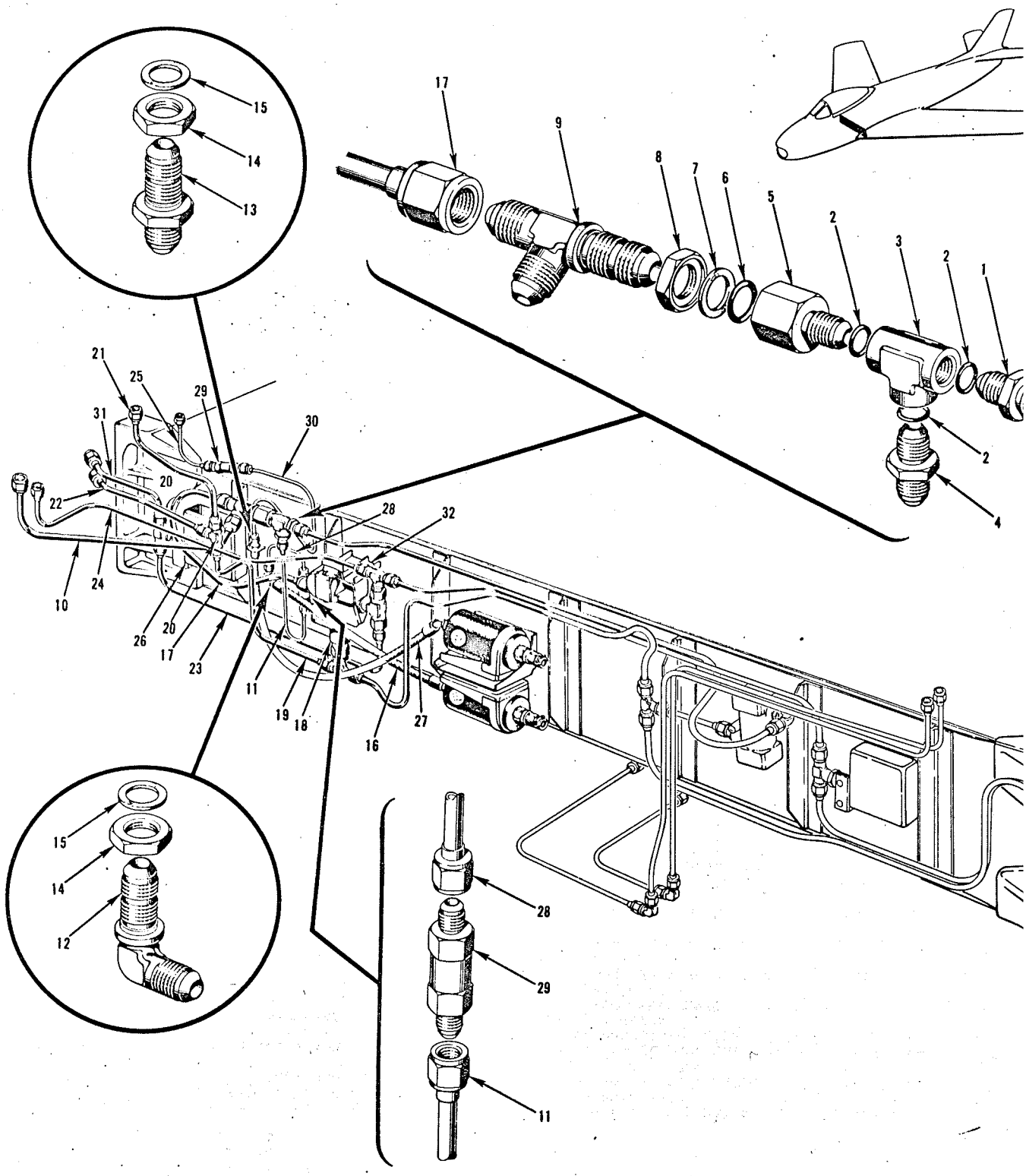


FIGURE 81 - WING CENTER SECTION HYDRAULIC EQUIPMENT (Cont)

WING HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
81	No Number	WING CENTER SECTION HYDRAULIC EQUIPMENT, (cont) (see figure 80 for next assy)	NP	
-1	AN815-6	. UNION	1	A
	AN815-6D	. UNION	1	B
-2	AN6290-6	. GASKET	3	
-3	AN926-6	. TEE	1	A
-	AN926-6D	. TEE	1	B
-4	AN919-6	. REDUCER	1	A
	AN919-6D	. REDUCER	1	B
-5	AN894-8-6	. BUSHING	1	
-6	AN6290-8	. GASKET	1	
-7	AN6291-8	. RING	1	
-8	AN6289D8	. NUT	1	
-9	AN804-8	. TEE	1	
-10	172-58801-33	. LINE ASSY, Power cont press. RH gun bay floor to tee BP20 1/2	1	A
	191-58813-9	. LINE ASSY, Power cont press. RH gun bay floor to tee BP20 1/2	1	B
-11	172-58801-43	. LINE ASSY, Power cont trans press, press snubber to female tee BP17	1	A
	191-58813-13	. LINE ASSY, Power control transmitter pressure, pressure snubber to female tee BP17	1	B
-12	AN833-4	. ELBOW	1	A
	AN833-4D	. ELBOW	1	B
-13	AN832-4	. ELBOW	1	
-14	AN924-4D	. NUT	2	
-15	AN960D716	. WASHER	2	
-16	3H3-4-11 1-2	. HOSE ASSEMBLY, Plastic covered (North American) (altered from AN6271)	1	C,K
	3H3-4-11	. HOSE ASSEMBLY, Plastic covered (North American) (altered from AN6271)	1	D
-17	172-58801-17	. LINE ASSY, Power control pressure from tee BP20 1/2 to union on inlet port of by-pass valve hydraulic	1	A
	191-58813-5	. LINE ASSY, Power control pressure from tee BP20 1/2 to union on inlet port of by-pass valve hydraulic	1	B
-18	172-58616-3	. VALVE ASSY, Hyd power control by-pass complete (see figure 90 for breakdown and attaching parts)	1	C
	172-58616-7	. VALVE ASSY, Hyd power control by-pass complete (see figure 90 for breakdown and attaching parts)	1	E
	172-58616-9	. VALVE ASSY, Hyd power control by-pass complete (see figure 90 for breakdown and attaching parts)	1	B
-19	172-58801-53	. LINE ASSY, Power cont ret, tee on 3-way valve to tee BP20 RH	1	C
-20	AN824-6	. TEE	1	A
	AN824-6D	. TEE	1	B
-21	172-58801-3	. LINE ASSY, Power cont ret, RH gun bay floor to male cross BP21	1	
-22	172-58801-9	. LINE ASSY, Power cont ret, male cross BP21 to union w sta 32 RH	1	
-23	172-58801-11	. LINE ASSY, Power control pressure from tee on cylinder port by-pass valve to tee on pressure switch	1	F
	172-58801-71	. LINE ASSY, Flight cont press.tee on press.sw to union w sta 52	1	G
	191-58813-23	. LINE ASSY, Flight press. tee on press. sw to union w sta 52 RH	1	B
-24	172-58801-7	. LINE ASSY, Power control pressure from bhd tee on cylinder port of by-pass valve to gun bay floor RH	1	A
	191-58813-3	. LINE ASSY, Power control pressure from bhd tee on cylinder port of by-pass valve to gun bay floor RH	1	B
-25	172-58801-47	. LINE ASSY, Power control press. from press. snubber to union in RH gun bay floor	1	A
	191-58813-17	. LINE ASSY, Power press. snubber to union RH gun bay floor	1	B
-26	172-58615	. SWITCH ASSY, Hyd power control sys press. RH (see fig. 89)	1	F
	172-58620-5	. SWITCH ASSY, Hyd power control sys press. RH (see fig. 89)	1	G
	172-58620-9	. SWITCH ASSY, Hyd power control sys press. RH (see fig. 89)	1	B
-27	3H3-4-17	. HOSE ASSEMBLY, Plastic covered (North American) (altered from AN6271)	1	
-28	172-58801-41	. LINE ASSY, Power cont trans press. elbow BP17 to press. snubber	1	A
	191-58813-11	. LINE ASSY, Power control transmitter pressure from elbow BP17 to pressure snubber	1	B
-29	25S2	. SNUBBER, (Operating & Maintenance Specialties) (intrch wth 114162 Operating & Maintenance Specialties or 8195 Sterer)	2	
-30	172-58801-45	. LINE ASSY, Utility trans press, elbow BP18 1/2 to press snubber	1	A
	191-58813-15	. LINE ASSY, Utility trans press, elbow BP18 1/2 to press snubber	1	B
-31	172-58801-35	. LINE ASSY, Power cont press sw to union sta 32 RH	1	F
	172-58801-73	. LINE ASSY, Power cont press, tee BP9 to union w sta 32 RH	1	G
	191-58813-25	. LINE ASSY, Power cont press, tee BP9 to union w sta 32 RH	1	B
-32	172-52047-13	. BRACKET ASSY, Surf. control manual change-over (complete) (whn exh use 191-52047-3)(see fig. 82 for breakdown)	1	H
	172-52047-15	. BRACKET ASSY, Surf. control manual change-over (complete) (whn exh use 191-52047-3)(see fig. 82 for breakdown)	1	
	191-52047-3	. SUPPORT ASSY, Surf. control manual change-over transfer valve mechanism (use 172-52047-13 or -15 until exh) (see figure 82 for breakdown)	1	

USEABLE ON CODE: A 51-2850 thru 52-4604; B 52-4605 and subs; C 51-2850 thru 51-13169; D 51-13170 thru 51-13226; E 51-13170 thru 52-4604; F 51-2850 thru 51-12969, 51-13070 thru 51-13129; G 51-12970 thru 51-12976, 51-13130 thru 52-4604; H 51-2850 thru 51-12969; K 51-13227 and subs

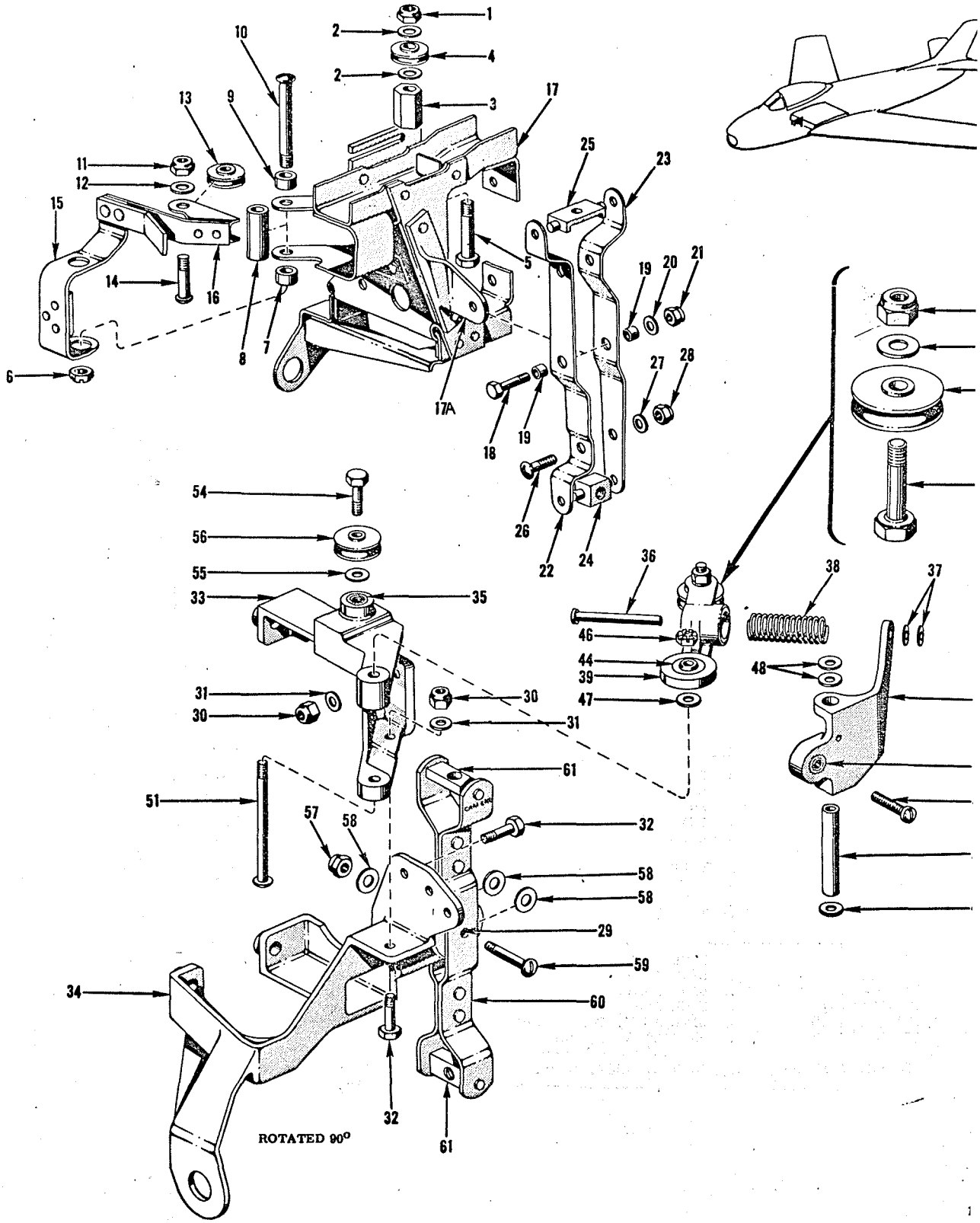


FIGURE 82 - SURFACE CONTROL MANUAL EMERGENCY CHANGE-OVER SUPPORT ASSEMBLY

WING HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
82	172-52047-13	BRACKET ASSY, Surface control manual change-over (complete) (whn exh use 191-52047-3)(see fig. 81 for next assy)	Ref	A
	172-52047-15	BRACKET ASSY, Surface control manual change-over (complete) (whn exh use 191-52047-3) (see fig. 81 for next assy)	Ref	
-1	AN365-1032	. NUT	1	
-2	AN960D10	. WASHER	2	
-3	172-52088	. SUPPORT, Surface control manual emer change-over cam	1	
-4	FL3C3	. ROLLER, (Fafnir)	1	
-5	AN3-14A	. BOLT	1	
-6	AN320-4	. NUT	1	
-7	4B19S4-008	. BUSHING, Press fit plain (North American)	1	
-8	4B21S4-106	. BUSHING, Spacer (North American)	1	
-9	4B19S4-007	. BUSHING, Press fit plain (North American)	1	
-10	AN24-34	. BOLT	1	
	172-52042	. BELLCRANK ASSY, Surf. control manual emer change-over complete	1	
-11	AN364-1032	. . NUT	1	
-12	AN960D10L	. . WASHER	1	
-13	FL3C3	. . ROLLER, (Fafnir)	1	
-14	AN23-11A	. . BOLT	1	
-15	172-52042-7	. . BELLCRANK ASSY, Surf. control manual emer change-over	1	
-16	172-52086	. . . SPRING, Surface control manual emergency change-over	1	
-17	165-52041-29	. BRACKET ASSY, Surface control manual emergency change-over	1	A
	165-52041-33	. BRACKET ASSY, Surface control manual emergency change-over	1	B
-17A	172-520118	. . SUPPORT, Surface control manual emergency change-over wing center section bellcrank	1	
	172-520119	. BELLCRANK ASSY, Surf. control manual emer change-over WCS	1	
	ATTACHING PARTS			
-18	AN3-7A	. BOLT	1	
-19	NAS43C3-12	. SPACER, Screw and bolt (North American)	2	
-20	AN960D10L	. WASHER	1	
-21	AN365-1032	. NUT	1	
	---*---			
-22	172-520119-3	. . ANGLE, Surf. control manual emer change-over WCS bellcrank	1	
-23	172-520119-5	. . ANGLE, Surf. control manual emer change-over WCS bellcrank	1	
-24	172-520121	. . BLOCK, Surf. control emer change-over WCS bellcrank swivel	1	
-25	172-520122	. . PLATE, Surf. control emer change-over WCS bellcrank swivel	1	
-26	7S14-832-8A	. . SCREW, Round head corrosion resistant (North American)	2	
-27	AN960D8	. . WASHER	2	
-28	AN365-832	. . NUT	2	
	191-52047-3	SUPPORT ASSY, Surface control manual change-over transfer valve mech (use 172-52047-13 and -15 untl exh) (see figure 81 for next assy)	Ref	
	191-52041-3	. BKT ASSY, Surf. control manual emer change-over tsfr valve mech	1	
-29	AN200KP3	. . BEARING	1	
-30	AN365-1032	. . NUT	2	
-31	AN960D10L	. . WASHER	2	
-32	AN3-5A	. . BOLT	2	
-33	191-52039	. . BRACKET, Surf. control manual chg.-over trans. mech upper	1	
-34	191-52040-3	. . BRACKET, Surf. control manual chg.-over trans. valve mech. upper	1	
-35	RL24SB7	. . RING, (Rosan)	1	
	RD205SB5.5L	. . INSERT, (Rosan)	1	
-36	AN393-35	. PIN	1	
-37	AN960D10L	. WASHER	2	
-38	191-52044	. SPRING, Compression	1	
-39	191-52043	. ARM ASSY, Surf. control manual chg.-over transfer valve mech.	1	
-40	AN365-1032	. . NUT	1	
-41	AN960D10	. . WASHER	1	
-42	AN23-14A	. . BOLT	1	
-43	FL3C3	. . PULLEY, (Fafnir)	1	
-44	AN200K3L	. . BEARING	1	
-45	AN501A8-12	. SCREW	1	
-46	AN320-3	. NUT	1	
-47	AN960D10L	. WASHER	1	
-48	AN960D516L	. WASHER	AR	
-49	AN960D516	. WASHER	1	
-50	NAS43C3-118	. SPACER, Screw and bolt (North American)	1	
-51	AN23-46	. BOLT	1	
-52	191-52042	. BELLCRANK ASSY, Surf. cont manual chg.-over trans valve oper	1	
-53	RL21SB6	. . RING, (Rosan)	1	
	RD104SH5L	. . INSERT, (Rosan)	1	
-54	AN3-5A	. BOLT	1	
-55	AN960D10L	. WASHER	1	
-56	FL3C3	. PULLEY, (Fafnir)	1	
-57	AN365-1032	. NUT	1	
-58	AN960D10	. WASHER	3	
-59	AN23-16A	. BOLT	1	
-60	191-52048	. BELLCRANK ASSY, Surf. cont manual chg.-over trans valve idler	1	
-61	191-52045	. . NUT, Surf. control manual chg.-over trans valve swivel (use 191-52049 untl exh)	2	

USEABLE ON CODE: A 51-2850 thru 51-12969 B 51-12970 and subs

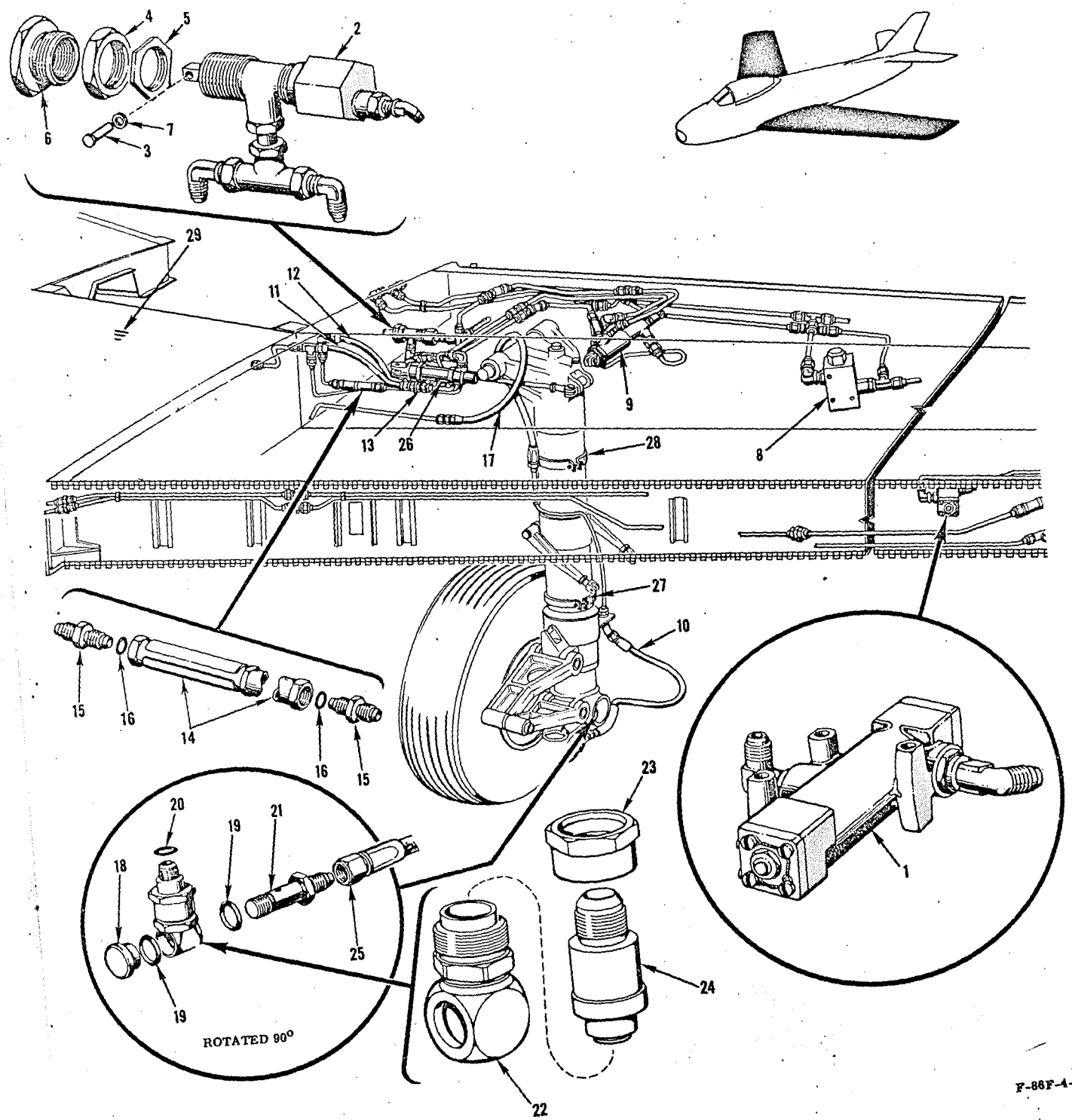


FIGURE 83 - WING HYDRAULIC EQUIPMENT

WING HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
83	170-58063-1		HYDRAULIC EQUIPMENT INSTL, Wing LH (see fig. 7 for next assy) .	NP	A
	170-58063-2		HYDRAULIC EQUIPMENT INSTL, Wing RH (see fig. 7 for next assy) .	NP	A
	191-58063-1		HYDRAULIC EQUIPMENT INSTL, Wing LH (see fig. 7 for next assy) .	NP	B
	191-58063-2		HYDRAULIC EQUIPMENT INSTL, Wing RH (see fig. 7 for next assy) .	NP	B
	No Number		WING STA 30 TO 242 HYDRAULIC LINES AND FITTINGS LH AND RH, . . . (see figure 85 for breakdown)	NP	
	No Number		MAIN LANDING GEAR UP AND DOWN HYDRAULIC LINES, (see . . . . . figure 84 for breakdown)	NP	
	No Number		MAIN LANDING GEAR RETURN AND PRESSURE HYDRAULIC LINES, ... (see figure 86 for breakdown)	NP	
-1	170-58636-3		. VALVE ASSY, Hyd aileron power control relief LH (see . . . . figure 79 for breakdown and attaching parts)	1	C,*1
	170-58636-5		. VALVE ASSY, Hyd aileron power control relief LH (see . . . . figure 79 for breakdown and attaching parts)	1	D,*1
	170-58637-3		. VALVE ASSY, Hyd aileron power control relief RH (see . . . . figure 79 for breakdown and attaching parts)	1	C,*1
	170-58637-5		. VALVE ASSY, Hyd aileron power control relief RH (see . . . . figure 79 for breakdown and attaching parts)	1	D,*1
-2	151-58629-1		. CYLINDER ASSY, Hyd main landing gear uplock release complete LH (see figure 88 for breakdown)	1	E
	151-58629-5		. CYLINDER ASSY, Hyd main landing gear uplock release complete LH (see figure 88 for breakdown)	1	F,J,D
	151-58629-2		. CYLINDER ASSY, Hyd main LG uplock release complete RH . . . . (see figure 88 for breakdown)	1	G
	151-58629-6		. CYLINDER ASSY, Hyd main LG uplock release complete RH . . . . (see figure 88 for breakdown)	1	H,J,D
	ATTACHING PARTS				
-3	151-33516		. PIN, Main LG strut uplock latch actuator link attaching . . .	1	
-4	140-58509		. NUT, Hydraulic uplock cylinder support	1	
-5	140-58345		. NUT, Hydraulic main LG uplock cylinder check	1	
-6	140-58508		. BUSHING, Hydraulic uplock cylinder support	1	
-7	AN960-8		. WASHER	1	
	---*---				
-8	172-58634-3		. VALVE ASSY, Hydraulic aileron emer control relief LH . . . . (see figure 79 for breakdown and attaching parts)	1	C
	172-58634-5		. VALVE ASSY, Hydraulic aileron emer control relief LH . . . . (see figure 79 for breakdown and attaching parts)	1	D
	172-58635-3		. VALVE ASSY, Hydraulic aileron emer control relief RH . . . . (see figure 79 for breakdown and attaching parts)	1	C
	172-58635-5		. VALVE ASSY, Hydraulic aileron emer control relief RH . . . . (see figure 79 for breakdown and attaching parts)	1	D
-9	151-58628-3		. CYLINDER ASSY, Hyd main LG downlock complete LH	1	C
	151-58628-6		. CYLINDER ASSY, Hyd main LG downlock complete RH	1	C
	151-58628-5		. CYLINDER ASSY, Hyd main LG downlock complete LH	1	D
	151-58628-8		. CYLINDER ASSY, Hyd main LG downlock complete RH . . . . . (see figure 78 for breakdown and attaching parts)	1	D
-10	AN6271-4-19		. HOSE ASSEMBLY	1	
-11	AN6271-4-11		. HOSE ASSEMBLY, (LH)	1	
-12	AN6271-4-11		. HOSE ASSEMBLY, (RH) (removed per T. O. 1F-86-120)	1	G
	AN6271-4-10 1-2		. HOSE ASSEMBLY, (RH)	1	K
-13	AN833-4		. ELBOW	1	G
	AN832-4D		. UNION	1	K
-14	1V7-18-30		. VALVE ASSEMBLY, Hydraulic two-way restrictor . . . . . (North American) (Refer to T. O. 9H8-5-15-4 for breakdown)	1	
-15	AN815-4		. UNION	1	C
	AN815-4D		. UNION	1	D
-16	AN6290-4		. GASKET	1	
-17	151-58250-1		. HOSE ASSY, Hydraulic upper LG brake LH	1	
	151-58250-2		. HOSE ASSY, Hydraulic upper LG brake RH	1	
-18	140-58393		. CAP, Hydraulic brake universal axle	1	
-19	AN900-8		. GASKET	1	
-20	AN6290-5		. PACKING	1	
-21	151-58184		. BOLT, Hydraulic brake universal axle	1	
	143-5		. COUPLING ASSY, Hyd self-sealing (Aeroquip)	1	
-22	143S2-5		. . COUPLING HALF, Hyd self-sealing swivel end (Aeroquip) . .	1	
-23	140-25-5	*2	. . NUT, Hyd self-sealing coupling (Aeroquip)	1	
-24	140S1-5D	*3	. . COUPLING HALF, Hyd self-sealing hose attaching (Aeroquip).	1	
-25	AN6271-4-11		. HOSE ASSEMBLY	1	
-26	151-58627-1		. CYLINDER ASSY, Hydraulic main LG operating complete LH . . .	1	G,H
	151-58627-3		. CYLINDER ASSY, Hydraulic main LG operating complete LH . . .	1	D
	151-58627-2		. CYLINDER ASSY, Hydraulic main LG operating complete RH . . .	1	G,H
	151-58627-4		. CYLINDER ASSY, Hydraulic main LG operating complete RH . . . (see figure 87 for breakdown and attaching parts)	1	D
-27	41972		. CLAMP, (Marman)	1	
-28	17474		. CLAMP, (Marman) (intrch wth Marman 15117 or Marman 21710) . .	1	
-29	172-58066		HYDRAULIC EQUIPMENT INSTL, WCS (see fig. 80 & 81 for breakdown).	NP	

*1 Elbow is rotated 25° on 170-58636 and 45° on 170-58637.
*2 Equivalent to AN6224-5
*3 Equivalent to AN6221-5

USEABLE ON CODE:
A 51-2850 thru 51-13169
B 51-13170 and subs
C 51-2850 thru 52-4604
D 52-4605 and subs
E 51-2850 thru 51-12969, 51-13070 thru 51-13077
F 51-12970 thru 51-12976, 51-13078 thru 51-13510
G 51-2850 thru 51-12969, 51-13070 thru 51-13089
H 51-12970 thru 51-12976, 51-13090 thru 51-13510
J 52-4305 thru 52-4604
K 51-13090 and subs

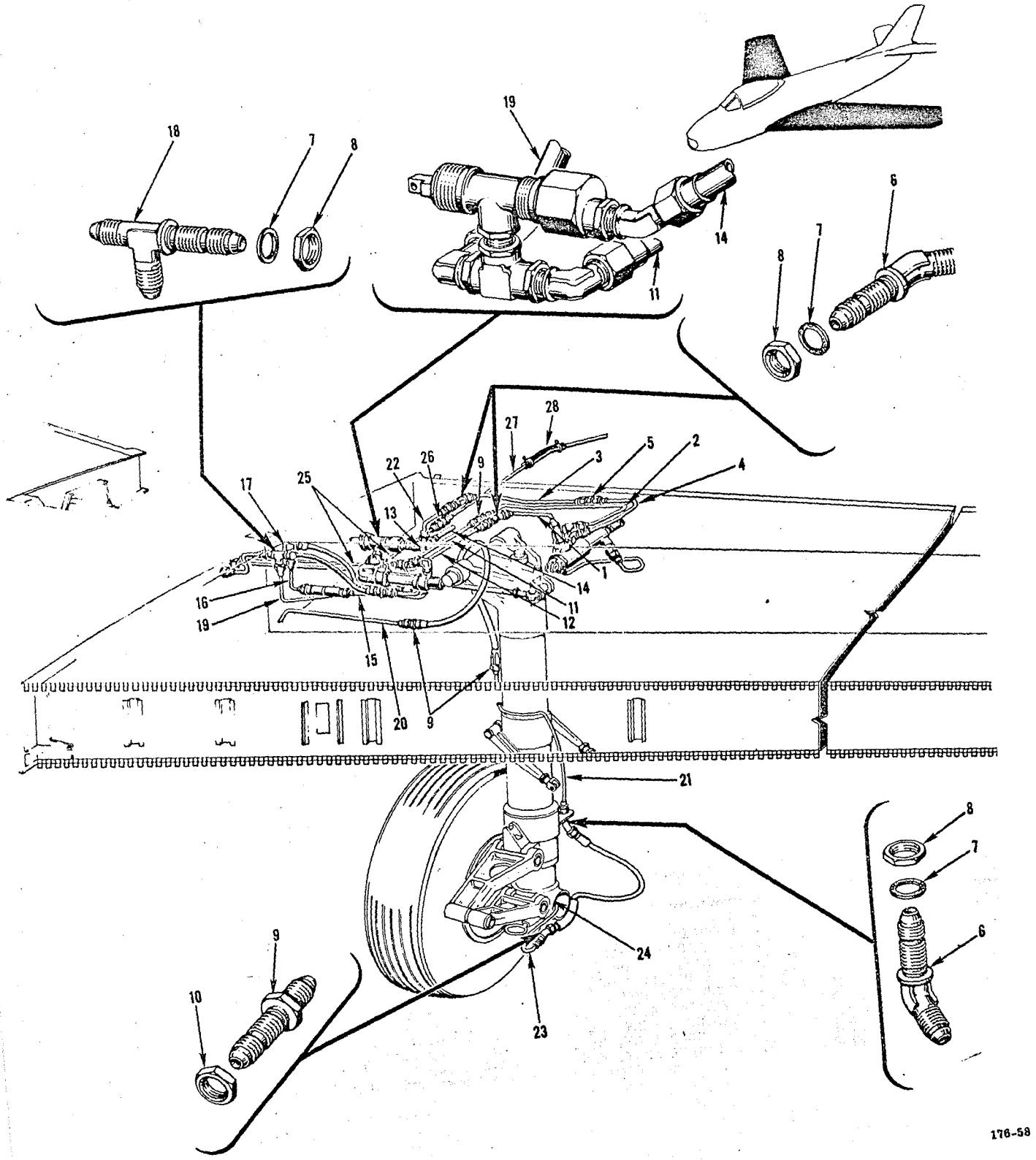


FIGURE 84 - MAIN LANDING GEAR UP AND DOWN HYDRAULIC LINES

WING HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
84	No Number		MAIN LANDING GEAR UP AND DOWN HYDRAULIC LINES AND FITTINGS (see figure 83 for next assy)	NP	
-1	151-58831-31		LINE ASSY, Gear up elbow sta 16 3/4 to downlock tee LH	1	
	151-58831-55		LINE ASSY, Gear up elbow sta 16 3/4 to downlock tee RH	1	
-2	170-58801-59		LINE ASSY, Gear down from union sta 16 to elbow on downlock cylinder LH	1	
	170-58801-49		LINE ASSY, Gear down from union sta 16 to elbow on downlock cylinder RH	1	
-3	172-58801-65		LINE ASSY, Gear up elbow sta 13 to union sta 23 LH	1	
	170-58801-55		LINE ASSY, Elbow flap sta 13 to elbow on downlock cyl RH	1	
-4	170-58801-57		LINE ASSY, Gear up union flap sta 23 to elbow on downlock cylinder (left wing only)	1	
-5	AN815-4		UNION, (left wing only)	1	
-6	AN837-4		ELBOW	3	
-7	2W1AL28-28-62		WASHER	6	
-8	AN924-4D		NUT	4	
-9	AN832-4		UNION	4	
-10	AN924-4D		NUT	1	
-11	172-58802-37		LINE ASSY, Gear down elbow in uplock cyl to union sta 16 LH	1	A,*1
	172-58802-67		LINE ASSY, Gear down elbow in uplock cyl to union sta 16 LH	1	B,C
	172-58802-77		LINE ASSY, Gear down elbow in uplock cyl to union sta 16 LH	1	
	172-58802-39		LINE ASSY, Gear down from elbow in uplock cyl to union station 16 RH	1	A
	172-58802-69		LINE ASSY, Gear down from elbow in uplock cyl to union station 16 RH	1	B,F
	172-58802-79		LINE ASSY, Gear down from elbow in uplock cyl to union station 16 RH	1	
-12	172-58802-33		LINE ASSY, Gear up union at BP29 to elbow sta 16 3/4 LH	1	H
	191-58807-39		LINE ASSY, Gear up union at BP29 to elbow sta 16 3/4 LH	1	J,*1
	172-58802-35		LINE ASSY, Gear up union at BP29 to elbow sta 16 3/4 RH	1	H
	191-58807-41		LINE ASSY, Gear up union at BP29 to elbow sta 16 3/4 RH	1	J
-13	AN824-4		TEE	1	
-14	151-58831-41		LINE ASSY, Gear up tee to uplock LH	1	
	151-58831-65		LINE ASSY, Gear up tee to uplock RH	1	
-15	151-58831-45		LINE ASSY, Gear up resistor to tee flap sta 8 LH	1	H
	191-58807-63		LINE ASSY, Gear up resistor to tee flap sta 8 LH	1	J
	151-58831-67		LINE ASSY, Gear up resistor to tee flap sta 8 RH	1	H
	191-58807-69		LINE ASSY, Gear up resistor to tee flap sta 8 RH	1	J
-16	151-58831-43		LINE ASSY, Gear up hose wing sta 62.5 to restrictor LH	1	
	151-58831-69		LINE ASSY, Gear up hose wing sta 62.5 to restrictor RH	1	A,B,F,*1
	172-58802-71		LINE ASSY, Gear up hose wing sta 62.5 to restrictor RH	1	
-17	AN833-4		ELBOW, (LH)	1	
	AN833-4		ELBOW, (RH)	1	L,*1
	AN832-4D		ELBOW, (RH)	1	M
	AN960D716		WASHER	2	*1
	AN924-4D		NUT	2	*1
-18	AN804-4		TEE	1	
-19	151-58809-55		LINE ASSY, Gear down tee wing sta 62 to uplock LH	1	A,B,C,*1
	172-58802-73		LINE ASSY, Gear down tee wing sta 62 to uplock LH	1	
	151-58810-55		LINE ASSY, Gear down tee wing sta 62 to uplock RH	1	A,B,F,*1
	172-58802-75		LINE ASSY, Gear down tee wing sta 62 to uplock RH	1	D,G
-20	151-58809-35		LINE ASSY, Brake union at BP29 to union at sta 21.5 LH	1	
	151-58810-35		LINE ASSY, Brake union at BP29 to union at sta 21.5 RH	1	
-21	151-58809-37		LINE ASSY, Brake flexible hose to flex. hose on strut LH	1	
	151-58810-37		LINE ASSY, Brake flexible hose to flex. hose on strut RH	1	
-22	151-58831-39		LINE ASSY, Gear up elbow at flap sta 13 to tee LH	1	H
	191-58807-59		LINE ASSY, Gear up elbow at flap sta 13 to tee LH	1	J
	151-58831-61		LINE ASSY, Gear up elbow at flap sta 13 to tee LH	1	H
	191-58807-65		LINE ASSY, Gear up elbow at flap sta 13 to tee LH	1	J
-23	151-58809-39		LINE ASSY, Brake main landing gear axle LH	1	Q
	191-58805-57		LINE ASSY, Brake main landing gear axle LH	1	R
	151-58810-39		LINE ASSY, Brake main landing gear axle RH	1	Q
	191-58805-59		LINE ASSY, Brake main landing gear axle RH	1	R
-24	AN815-4		UNION	1	
-25	170-58815-5		LINE ASSY, Vent from union at BL29 to union in fuselage shroud (left wing only)	1	
-26	AN815-6D		UNION, (left wing only)	1	
-27	170-58815-13		LINE ASSY, From union in flap shroud to hose in flap (left wing only)	1	N
	191-58822		LINE ASSY, Hydraulic flight control reservoir vent (left wing only) (use 191-58819 until exh)	1	P
-28	170-58297		TUBE, Hydraulic flight control vent (left wing only)	1	
	AN737TW26		CLAMP	1	
	A3122-10-59		CLAMP, (Tinnerman)	1	

*1 (Removed one each per T. O. No. 1F-86-120)

USEABLE ON CODE:

A	51-2850 thru 51-2927	L	51-2850 thru 51-12169
B	51-2928 thru 51-12969	M	51-13170 and subs
C	51-13070 thru 51-13077	N	51-13170 thru 51-13397, 52-4305 thru 52-4704
D	51-12970 thru 51-12976	P	51-13398 thru 51-13510, 52-4705 and subs
F	51-13070 thru 51-13089	Q	51-2850 thru 55-4982
G	51-13089 and subs	R	55-4983 and subs
H	51-2850 thru 52-4604		
J	52-4605 and subs		

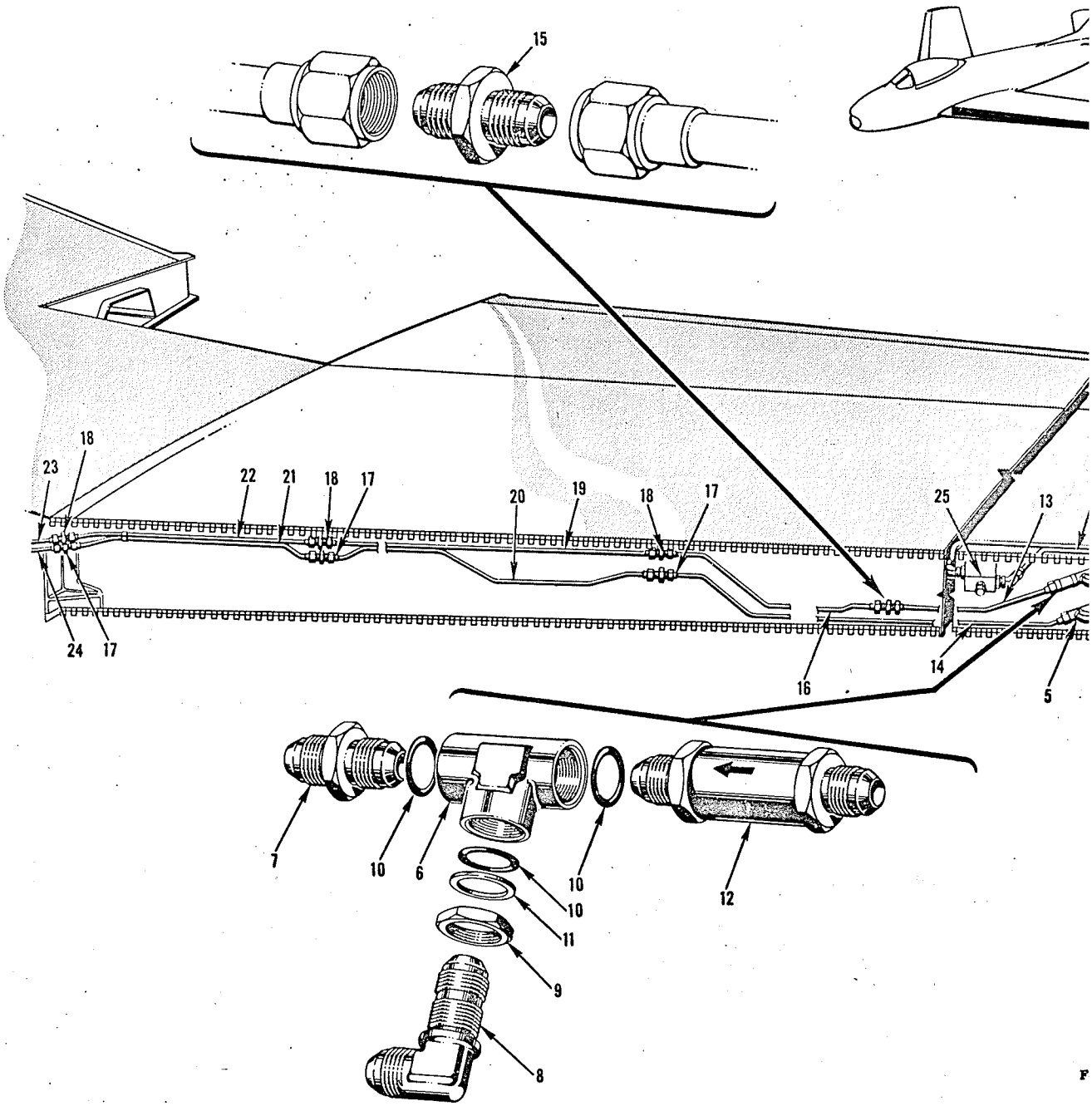


FIGURE 85 - WING STATION 30 TO STATION 242 HYDRAULIC LINES AND FITTINGS LH AND RH

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.
85	No Number	WING STATION 30 TO 242 HYDRAULIC LINES AND FITTINGS LH AND RH, (see figure 83 for next assy)	NP
-1	170-58802-55	. LINE ASSY, Return elbow on relief valve to female tee station 231 LH	1
	170-58801-63	. LINE ASSY, Return female tee sta 198 to elbow on relief valve RH	1
-2	170-58802-53	. LINE ASSY, Pressure elbow on relief valve to female tee station 233 LH	1
	191-58807-5	. LINE ASSY, Pressure elbow on relief valve to female tee station 233 LH	1
	170-58801-65	. LINE ASSY, Press. female tee sta 198 to elbow on relief valve RH	1
	191-58807-3	. LINE ASSY, Press. female tee sta 198 to elbow on relief valve RH	1

WING HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
85-3	170-58802-57		.						LINE ASSY, Pressure elbow wing sta 231 to tee LH	1	A
	191-58807-7		.						LINE ASSY, Pressure elbow wing sta 231 to tee LH	1	B
	191-58807-83	*1	.						LINE ASSY, Pressure elbow wing sta 197 to tee RH	1	
-4	170-58802-59		.						LINE ASSY, Return from elbow wing sta 230 to tee LH	1	
	170-58802-77		.						LINE ASSY, Return from elbow wing sta 197 to union RH	1	
-5	AN824-6D		.						TEE	1	
-6	AN926-6		.						TEE	1	A
	AN926-6D		.						TEE	1	B
-7	AN815-6		.						UNION	1	A
	AN815-6D		.						UNION	1	B
-8	AN833-6		.						ELBOW	1	A
	AN833-6D		.						ELBOW	1	B
-9	AN6289-6		.						NUT	1	
-10	AN6291-6		.						RING	1	
-11	AN6290-6		.						GASKET	3	
-12	AN6249-6		.						VALVE ASSY, 3000 psi hydraulic check	1	
-13	172-58802-41		.						LINE ASSY, Pressure union sta 148 to check valve wing station 228 LH	1	A
	191-58807-43		.						LINE ASSY, Pressure union sta 148 to check valve wing station 228 LH	1	B
	170-58802-31		.						LINE ASSY, Press. union sta 147 to check valve w sta 195 RH	1	C
	172-58802-65		.						LINE ASSY, Press. union sta 147 to check valve wing sta 195 RH	1	E
	191-58807-55		.						LINE ASSY, Press. union sta 147 to check valve wing sta 195 RH	1	B
-14	170-58802-29		.						LINE ASSY, Return union sta 147 to tee sta 228 LH	1	C
	172-58802-45		.						LINE ASSY, Return union sta 147 to tee sta 228 LH	1	D
	170-58802-63		.						LINE ASSY, Return union sta 147 to tee sta 197 RH	1	C
	172-58802-63		.						LINE ASSY, Return union sta 147 to tee sta 197 RH	1	D
-15	AN815-6		.						UNION, (left wing only)	1	A
	AN815-6D		.						UNION, (left wing only)	1	B
-16	170-58802-27		.						LINE ASSY, Press. from press. reducer sta 147 to union sta 192 LH	1	C
	172-58802-43		.						LINE ASSY, Pressure from pressure reducer sta 147 to union station 192 LH	1	E
	191-58807-45		.						LINE ASSY, Pressure from pressure reducer sta 147 to union station 192 LH	1	B
-17	AN815-6D		.						UNION	3	
-18	AN815-6		.						UNION	3	A
	AN815-6D		.						UNION	3	B
-19	170-58802-19		.						LINE ASSY, Pressure union sta 89 to union sta 147 LH	1	C
	172-58802-51		.						LINE ASSY, Pressure union sta 89 to union sta 147 LH	1	E
	191-58807-47		.						LINE ASSY, Pressure union sta 89 to union sta 147 LH	1	E,H
	191-58807-89		.						LINE ASSY, Pressure union sta 89 to union sta 147 LH	1	J
	170-58802-21		.						LINE ASSY, Pressure union sta 89 to union sta 147 RH	1	C
	172-58802-53		.						LINE ASSY, Pressure union sta 89 to union sta 147 RH	1	E
	191-58807-49		.						LINE ASSY, Pressure union sta 89 to union sta 147 RH	1	B
-20	170-58802-23		.						LINE ASSY, Return union sta 89 to union sta 147 LH	1	C
	172-58802-47		.						LINE ASSY, Return union sta 89 to union sta 147 LH	1	D
	191-58807-93		.						LINE ASSY, Return union sta 89 to union sta 147 LH	1	J
	170-58802-25		.						LINE ASSY, Return from union sta 89 to union sta 147 RH	1	C
	172-58802-49		.						LINE ASSY, Return from union sta 89 to union sta 147 RH	1	D
-21	170-58802-7		.						LINE ASSY, Return from union sta 39 to union sta 89 LH	1	C
	172-58802-55		.						LINE ASSY, Return from union sta 39 to union sta 89 LH	1	E,H
	191-58807-95		.						LINE ASSY, Return from union sta 39 to union sta 89 LH	1	J
	170-58802-9		.						LINE ASSY, Return from union sta 39 to union wing sta 89 RH	1	C
	172-58802-57		.						LINE ASSY, Return from union sta 39 to union wing sta 89 RH	1	D
-22	170-58802-3		.						LINE ASSY, Pressure union sta 34 to union sta 89 LH	1	C
	172-58802-59		.						LINE ASSY, Pressure union sta 34 to union sta 89 LH	1	E
	191-58807-51		.						LINE ASSY, Pressure union sta 34 to union sta 89 LH	1	H
	191-58807-91		.						LINE ASSY, Pressure union sta 34 to union sta 89 LH	1	J
	170-58802-5		.						LINE ASSY, Pressure union sta 34 to union sta 89 RH	1	C
	172-58802-61		.						LINE ASSY, Pressure union sta 34 to union sta 89 RH	1	E
	191-58807-53		.						LINE ASSY, Pressure union sta 34 to union sta 89 RH	1	B
-23	172-58801-19		.						LINE ASSY, Press. tee to union wing sta 34 (see fig. 80) LH	Ref	
	172-58801-35		.						LINE ASSY, Press. cross on relief valve to elbow sta 32 (see figure 80 RH)	Ref	
-24	172-58801-27		.						LINE ASSY, Return tee to by-pass valve to elbow sta 36 (see figure 80 LH)	Ref	
	172-58801-9		.						LINE ASSY, Return cross to elbow sta 49 (see fig. 83) RH	Ref	
-25	170-58636-3								VALVE ASSY, Hyd aileron power control relief (see fig. 83)	Ref	
	170-58637-3								VALVE ASSY, Hyd aileron power control relief (see fig. 83)	Ref	

*1 Refer to T. O. 1F-86-229.

USEABLE ON CODE:

A	51-2850 thru 52-4604	G	52-5014 thru 52-5271, 52-5329 and subs
B	52-4605 and subs	H	52-4605 thru 52-5164, 52-5272 thru 52-5530
C	51-2850 thru 51-13169	J	52-5165 thru 52-5271, 53-1072 thru 53-1228
D	51-13170 and subs		
E	51-13170 thru 52-4604		
F	52-4605 thru 52-5013, 52-5272 thru 52-5328		

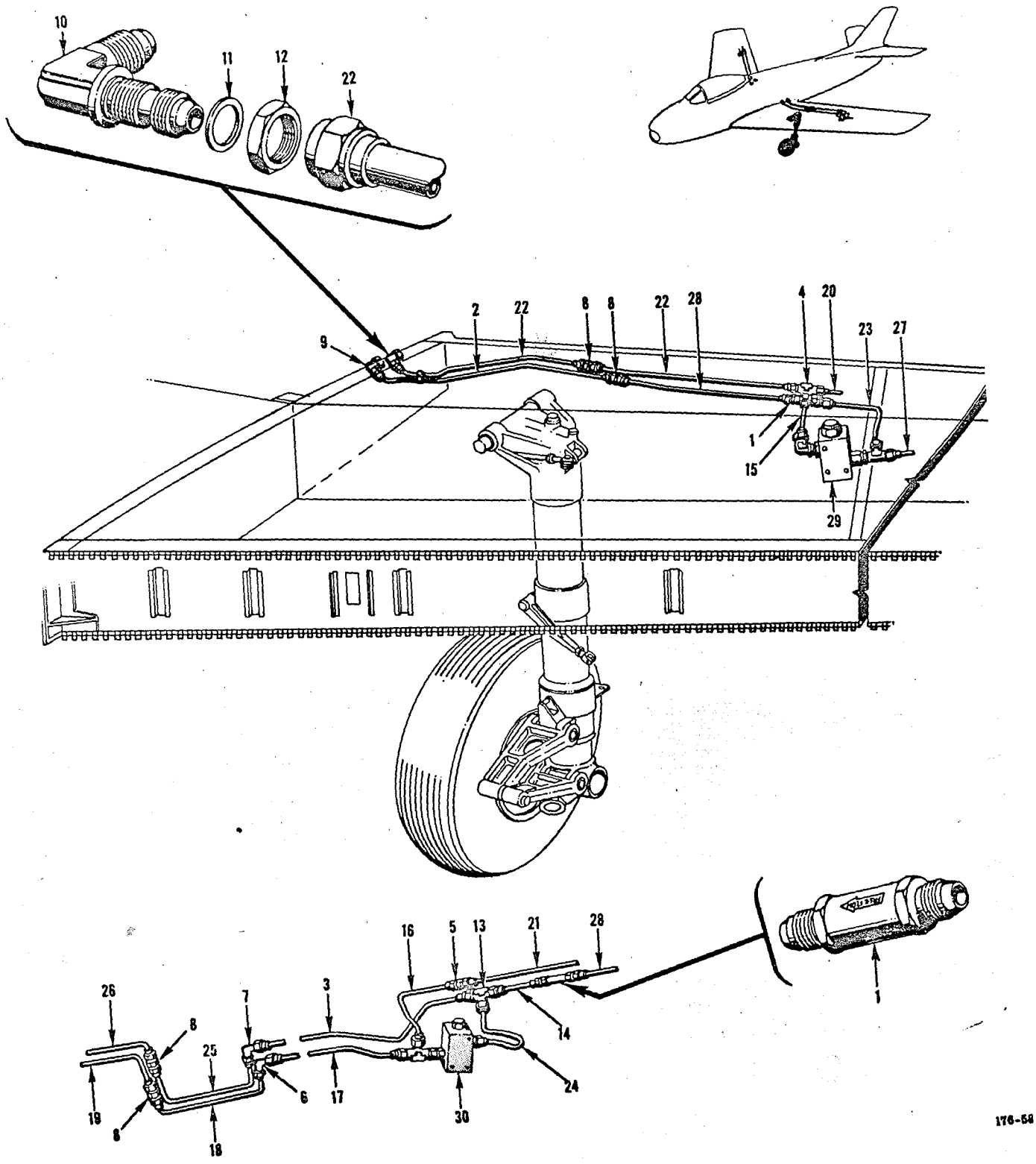


FIGURE 86 - MAIN LANDING GEAR HYDRAULIC RETURN AND PRESSURE LINES AND FITTINGS

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
86	No Number		MAIN LANDING GEAR HYDRAULIC RETURN AND PRESSURE LINES AND FITTINGS (see figure 83 for next assembly)	NP	
-1	AN6249-6		. VALVE ASSY, 3000 PSI Hydraulic check (Parker Aircraft part No. 10-1547-5 or equiv.)	2	
-2	172-58801-61		. LINE ASSY, Pressure from elbow wheel well closeout panel to union flap station 33 LH	1	A
	191-58807-29		. LINE ASSY, Pressure from elbow wheel well closeout panel. to union flap station 33 LH	1	B
	172-58801-63		. LINE ASSY, Pressure from elbow wheel well closeout panel. to union flap station 33 RH	1	A
	191-58807-31		. LINE ASSY, Pressure from elbow wheel well closeout panel. to union flap station 33 RH	1	B
-3	170-58803-45		. LINE ASSY, Press. tee flap sta 84 to union ail. sta 40 RH	1	A
	191-58807-13		. LINE ASSY, Press. tee flap sta 84 to union ail. sta 40 RH	1	B
-4	AN824-6D		. TEE (left wing only)	1	
-5	AN815-6D		. UNION (right wing only)	1	
-6	AN821-6D		. ELBOW	1	
-7	AN821-6		. ELBOW	1	A
	AN821-6D		. ELBOW	1	B
-8	AN815-6		. UNION	2	A
	AN815-6D		. UNION	2	B
-9	AN833-6		. ELBOW	1	
-10	AN833-6		. ELBOW	1	A
	AN833-6D		. ELBOW	1	B
-11	AN960D916		. WASHER	2	
-12	AN924-6D		. NUT	2	
-13	AN824-6		. TEE (right wing only)	1	A
	AN824-6D		. TEE (right wing only)	1	B
-14	170-58803-65		. LINE ASSY, Emer ail. flight control press. check valve to tee RH	1	A
	191-58807-21		. LINE ASSY, Emer ail. flight control press. check valve to tee RH	1	B
-15	172-58802-25		. LINE ASSY, Return from tee flap sta 88 to elbow on relief valve LH	1	
-16	172-58802-11		. LINE ASSY, Return from union flap station 88 to bulkhead. on run tee on relief valve RH	1	
-17	172-58802-17		. LINE ASSY, Return from tee on relief valve to union aileron station 50 RH	1	
-18	170-58803-53		. LINE ASSY, Return from union aileron sta 50 to union aileron station 60 RH	1	
	7094-6	*2	. CLAMP ASSY, (Exacto)	AR	
-19	170-58803-57		. LINE ASSY, Return from union aileron sta 60 to tee on hose connecting wing station 242 RH	1	
-20	172-58802-19		. LINE ASSY, Return from union flap sta 33 to elbow sta 84 LH	1	
	7094-6	*2	. CLAMP ASSY, (Exacto)	AR	
-21	170-58803-23		. LINE ASSY, Return from union flap sta 33 to elbow sta 84 LH	1	
	170-58803-25		. LINE ASSY, Return from union flap sta 33 to elbow sta 84 RH	1	
-22	172-58801-57		. LINE ASSY, Return elbow (wheel well closeout panel) to union flap station 33 LH	1	A
	191-58807-25		. LINE ASSY, Return elbow (wheel well closeout panel) to union flap sta 33 LH	1	B
	172-58801-59		. LINE ASSY, Return elbow (wheel well closeout panel) to union flap sta 33 RH	1	A
	191-58807-27		. LINE ASSY, Return elbow (wheel well closeout panel) to union flap sta 33 RH	1	B
-23	172-58802-23		. LINE ASSY, Pressure from check valve aileron sta 84 to. tee on relief valve LH	1	A
	191-58807-35		. LINE ASSY, Pressure from check valve aileron sta 84 to. tee on relief valve LH	1	B
-24	170-58803-71		. LINE ASSY, Pressure tee to relief valve LH	1	A
	191-58807-23		. LINE ASSY, Pressure tee to relief valve LH	1	B
-25	170-58803-51		. LINE ASSY, Press. from ail. sta 50 to union ail. sta 60 RH	1	A
	7094-6	*2	. CLAMP ASSY, (Exacto)	AR	
	191-58807-15		. LINE ASSY, Press. from ail. sta 50 to union ail. sta 60 RH	1	B
-26	191-58807-85	*1	. LINE ASSY, Pressure union aileron sta 60 to tee at hose connection wing sta 242 RH	1	
-27	191-58807-87	*1	. LINE ASSY, Pressure tee on relief valve to elbow on hose connecting spar LH	1	
	7094-6	*2	. CLAMP ASSY, (Exacto)	AR	
-28	170-58803-19		. LINE ASSY, Press. union flap sta 33 to elbow flap sta 84 LH	1	A
	191-58807-11		. LINE ASSY, Press. union flap sta 33 to elbow flap sta 84 LH	1	B
	170-58803-63		. LINE ASSY, Pressure union flap sta 33 to relief valve RH	1	A
	191-58807-19		. LINE ASSY, Pressure union flap sta 33 to relief valve RH	1	B
-29	172-58634		VALVE ASSY, Hydraulic aileron emergency control relief LH (see figure 83)	Ref	
-30	172-58635		VALVE ASSY, Hydraulic aileron emergency control relief RH (see figure 83)	Ref	

*1 Refer to T. O. 1F-86-229.
*2 Refer to T. O. 1F-86-231.

USEABLE ON CODE: A 51-2850 thru 52-4604
B 52-4605 and subs

T. O. 1F-86F-4

WING HYDRAULICS (Cont)

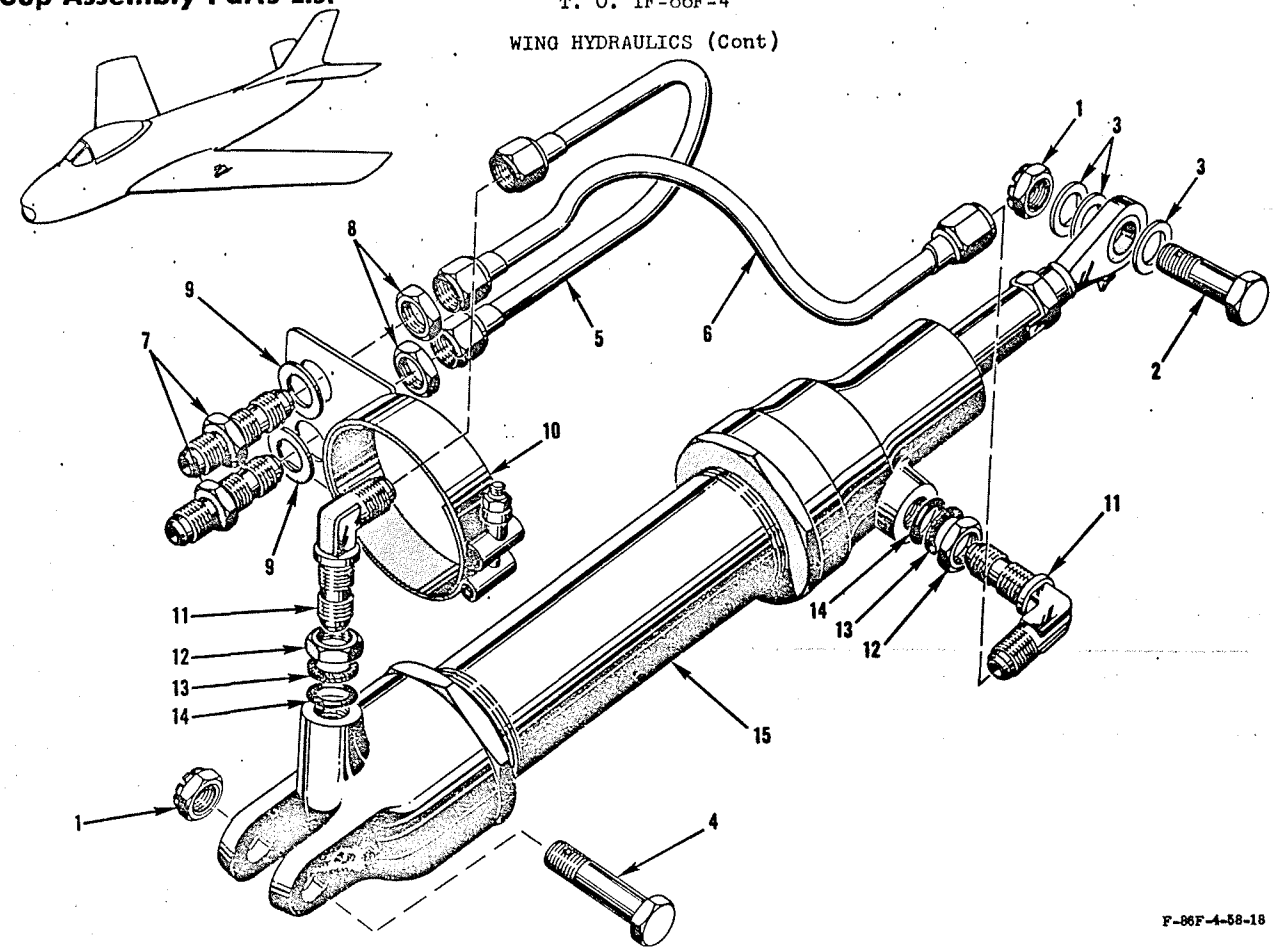


FIGURE 87 - HYDRAULIC MAIN LANDING GEAR OPERATING CYLINDER ASSEMBLY AND ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE CODE
87	151-58627-1	CYLINDER ASSY, Hydraulic main landing gear operating complete LH (see figure 83 for next assy)	Ref	A
	151-58627-3	CYLINDER ASSY, Hydraulic main landing gear operating complete LH (see figure 83 for next assy)	Ref	B
	151-58627-2	CYLINDER ASSY, Hydraulic main landing gear operating complete RH (see figure 83 for next assy)	Ref	A
	151-58627-4	CYLINDER ASSY, Hydraulic main landing gear operating complete RH (see figure 83 for next assy)	Ref	B
		ATTACHING PARTS		
-1	AN310-7	NUT	2	
-2	AN7-14	BOLT, (outboard)	1	
-3	2W18-716	WASHER, Flat (North American)	3	
-4	AN7-15	BOLT, (inboard)	1	
		---*---		
-5	151-58809-5	. LINE ASSY, LG down from flex. hose to cylinder LH	1	A
	151-58810-5	. LINE ASSY, LG down from flex. hose to cylinder RH	1	A
	191-58807-71	. LINE ASSY, LG down from flex. hose to cylinder LH	1	B
	191-58807-73	. LINE ASSY, LG down from flex. hose to cylinder RH	1	B
-6	151-58809-7	. LINE ASSY, LG up from flex. hose to cylinder LH	1	A
	151-58810-7	. LINE ASSY, LG up from flex. hose to cylinder RH	1	A
	191-58807-75	. LINE ASSY, LG up from flex. hose to cylinder LH	1	B
	191-58807-77	. LINE ASSY, LG up from flex. hose to cylinder RH	1	B
-7	AN832-4	. UNION, (used on 151-58627-1 and -2)	2	A
	AN832-4D	. UNION, (used on 151-58627-3 and -4)	2	B
-8	AN924-4	. NUT, (used on 151-58627-1 and -2)	2	A
	AN924-4D	. NUT, (used on 151-58627-3 and -4)	2	B
-9	AN960-716	. WASHER	2	
-10	151-58166	. CLAMP ASSY, Hydraulic main landing gear operating cylinder	1	
	321-63-225SH	. . CLAMP, (Marman)	1	
-11	AN833-4	. ELBOW, (used on 151-58627-1 and -2)	1	A
	AN833-4D	. ELBOW, (used on 151-58627-3 and -4)	1	B
-12	AN6289-4	. NUT	2	
-13	AN6291-4	. RING	2	
-14	AN6290-4	. GASKET	2	
-15	190-58027-1	. CYLINDER ASSY, Hyd main LG operating LH (refer to T. O. 9H2-5-28-4 for breakdown)(use 151-58027-1 untl exh)	1	
	190-58027-2	. CYLINDER ASSY, Hyd main LG operating RH (use 151-58027-2 untl exh) (refer to T. O. 9H2-5-28-4 for breakdown)	1	

USEABLE ON CODE: A 51-2850 thru 52-4604 B 52-4605 and subs

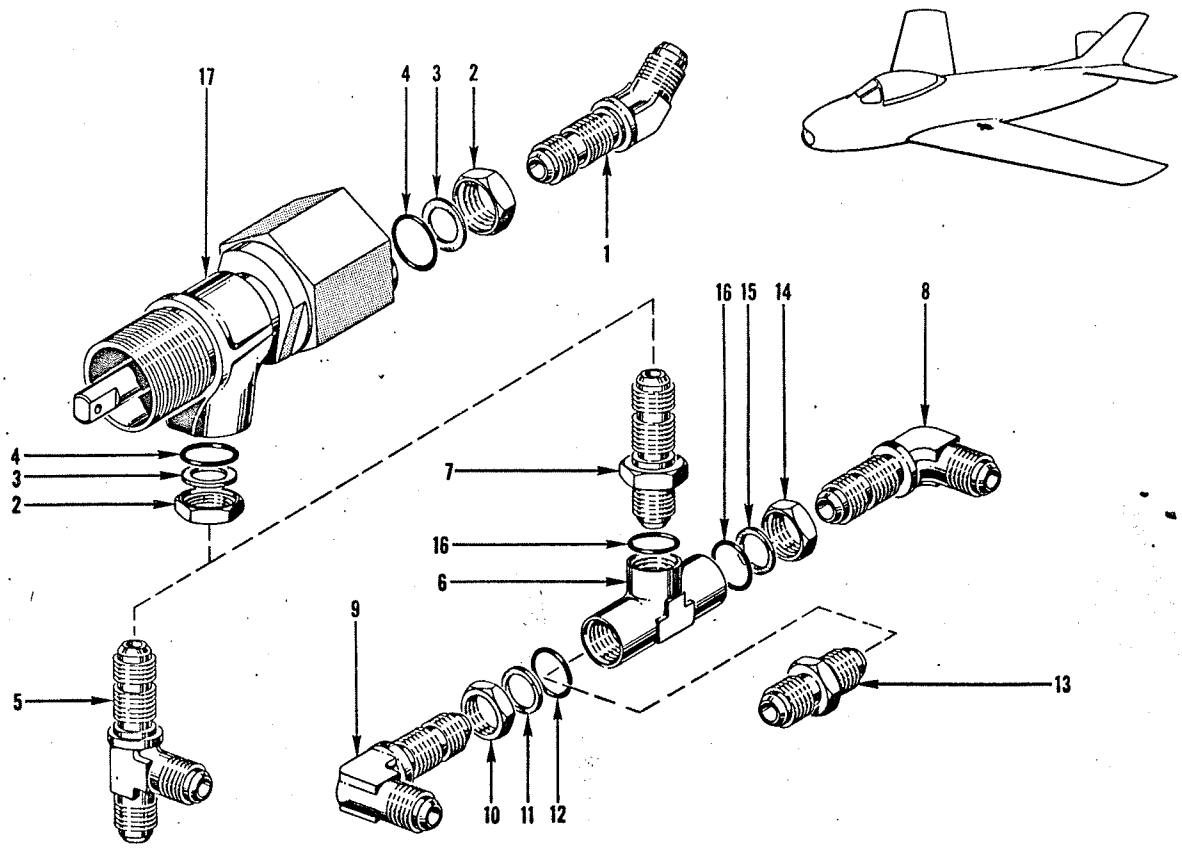


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FIGURE 88 - HYDRAULIC MAIN LANDING GEAR UPLOCK RELEASE CYLINDER ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
88	151-58629-1	CYLINDER ASSY, Hyd main landing gear uplock release complete LH (see figure 83 for next assy)	Ref	A
	151-58629-5	CYLINDER ASSY, Hyd main landing gear uplock release complete LH (see figure 83 for next assy)	Ref	B
	151-58629-2	CYLINDER ASSY, Hyd main landing gear uplock release complete RH (see figure 83 for next assy)	Ref	C
	151-58629-6	CYLINDER ASSY, Hyd main landing gear uplock release complete RH (see figure 83 for next assy)	Ref	D
-1	AN837-4	. ELBOW, (used on 151-58629-1, -2, -5 and -6)	1	
-2	AN6289-4	. NUT	2	
-3	AN6291-4	. RING	2	
-4	AN6290-4	. GASKET	2	
-5	AN804-4	. TEE, (used on 151-58629-1 and-2)	1	A,C
-6	AN926-4D	. TEE, (used on 151-58629-5 and -6)	1	B,D
-7	AN832-4D	. UNION, (used on 151-58629-5 and -6)	1	B,D
-8	AN833-4D	. ELBOW, (used on 151-58629-5 and -6)	1	B,D
-9	AN833-4D	. ELBOW, (used on 151-58629-5)	1	B
-10	AN6289-4	. NUT, (used on 151-58629-5)	1	B
-11	AN6291-4	. RING, (used on 151-58629-5)	1	B
-12	AN6290-4	. GASKET, (used on 151-58629-5 and -6)	1	B,D
-13	AN815-4D	. UNION, (used on 151-58629-6)	1	D
-14	AN6289-4	. NUT, (used on 151-58629-5 and -6)	1	B,D
-15	AN6291-4	. RING, (used on 151-58629-5 and -6)	1	B,D
-16	AN6290-4	. GASKET, (used on 151-58629-5 and -6)	2	B,D
-17	187-58029-5M	. CYLINDER ASSY, Hyd main landing gear uplock release (refer to T.O. 9H2-5-28-4 for breakdown) (reworked per T.O. 9H2-5-28-501)	1	

USEABLE ON CODE:

A 51-2850 thru 51-12969 & 51-13070 thru 51-13077
B 51-12970 thru 51-12976 51-13078 and subs
C 51-2850 thru 51-12969 & 51-13070 thru 51-13089
D 51-12970 thru 51-12976 51-13090 and subs

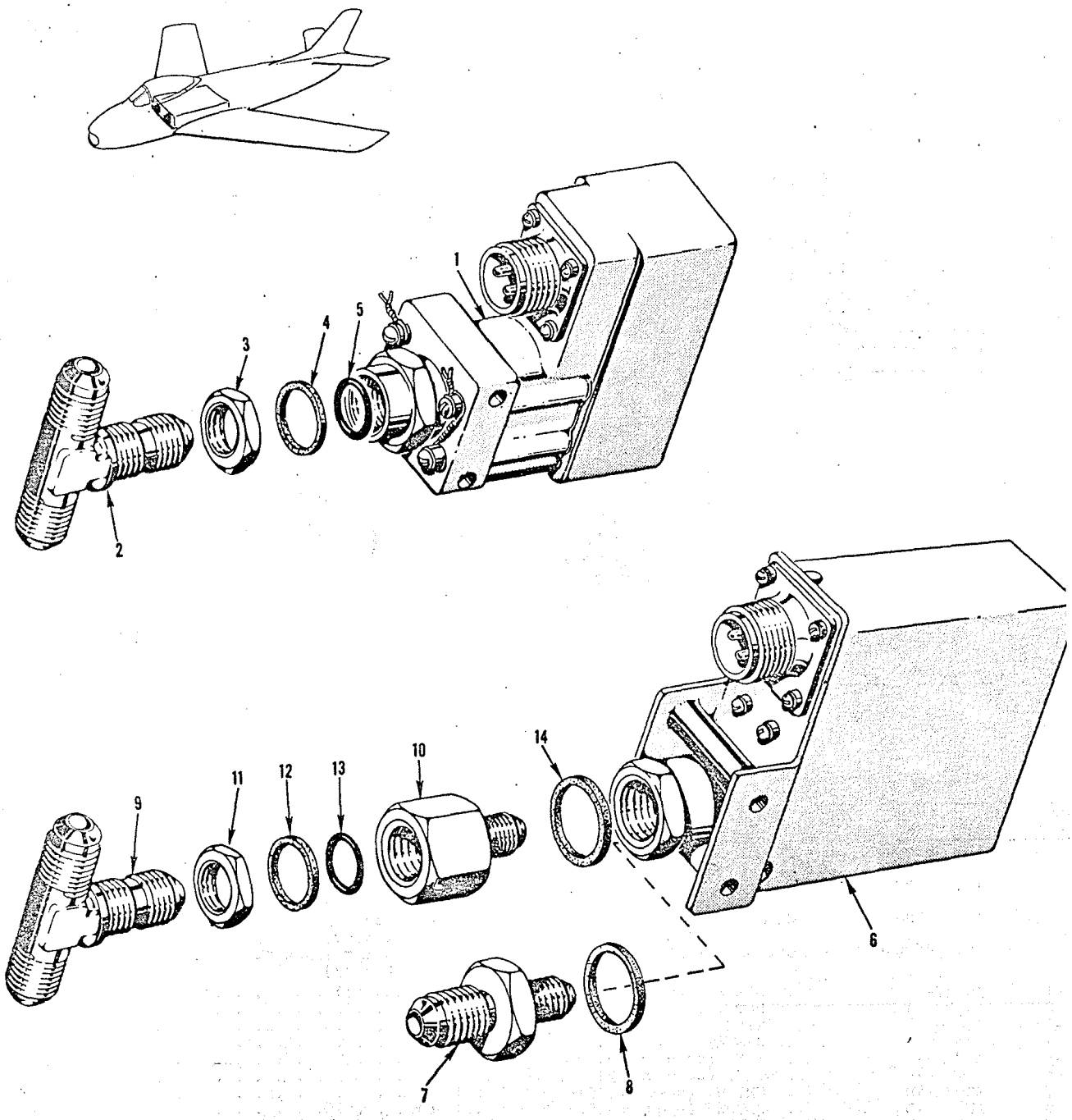


FIGURE 89 - WING HYDRAULIC SWITCHES

WING HYDRAULICS (Cont)

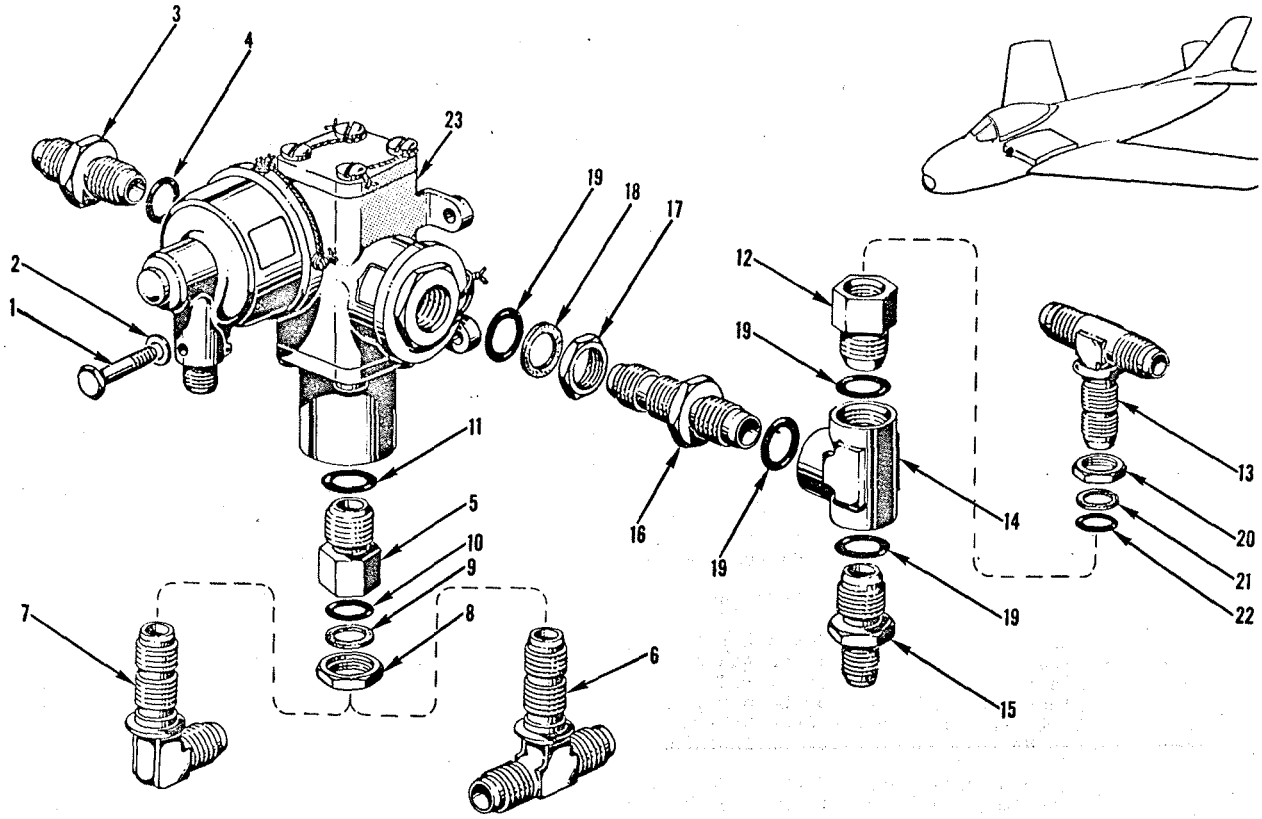
FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
89	172-58615	SWITCH ASSY, Hydraulic flight control system pressure complete (see figures 80 and 81 for next assembly)	Ref	A
	172-58620-3	SWITCH ASSY, Hydraulic flight control system pressure complete (see figure 80 for next assembly)	Ref	B
	172-58620-7	SWITCH ASSY, Hydraulic flight control system pressure complete (see figure 80 for next assembly)	Ref	C
	172-58620-5	SWITCH ASSY, Hydraulic flight control system pressure complete (see figure 81 for next assembly)	Ref	B
	172-58620-9	SWITCH ASSY, Hydraulic flight control system pressure complete (see figure 81 for next assembly)	Ref	C
-1	90100-2	. SWITCH ASSY, Hyd press. (North American Spec NA5-8299-1, type 2A) (Hydraulic Research) (Used with 172-58615)	1	A,*2
-2	AN834-6	. TEE, (used with 172-58615)	1	
-3	AN6289-6	. NUT, (used with 172-58615)	1	A
-4	AN6291-6	. RING, (used with 172-58615)	1	A
-5	AN6290-6	. GASKET, (used with 172-58615)	1	A
-6	90000-2	. SWITCH ASSY, (Hydraulic Research) (use with 172-58620-3, -5, -7 & -9) (North American Spec NA5-8299-1, type 2A)	1	B,C,*1
-7	AN919-6	. REDUCER, (LH) (used with 172-58620-3)	1	B
	AN919-6D	. REDUCER, (LH) (used with 172-58620-7)	1	C
-8	AN6290-4	. GASKET, (used with 172-58620-3 and -7)	1	B,C
-9	AN834-6	. TEE, (RH) (used with 172-58620-5)	1	B
	AN834-6D	. TEE, (RH) (used with 172-58620-9)	1	C
-10	AN894-6-4	. BUSHING, (RH) (used with 172-58620-5)	1	B
	AN894D6-4	. BUSHING, (RH) (used with 172-58620-9)	1	C
-11	AN6289-6	. NUT, (RH) (used with 172-58620-5 and -9)	1	B,C
-12	AN6291-6	. RING, (RH) (used with 172-58620-5 and -9)	1	B,C
-13	AN6290-6	. GASKET, (RH) (used with 172-58620-5 and -9)	1	B,C
-14	AN6290-4	. GASKET, (RH) (used with 172-58620-5 and -9)	1	B,C

*1 Intrch wth Meletron 1516-15-2 (North American Spec NA5-8235-2), Leonard, W.O. 106030-2 (North American Spec NA5-8235-3), Drescher 50001-3 (North American Spec NA5-8235-4), Hydraulic Research 29000-2 (North American Spec NA5-8235-5), Cook Electric 575-52 (North American Spec NA5-8299-4), Leonard, W.O. 106130-3 (North American Spec NA5-8299-3), Frebank 4000-24 (North American Spec NA5-8299-4) or Hydraulic Research 90000-2 (North American Spec NA5-8299-1 or Allen Engineering 13132) (North American Spec NA5-8299-5)

*2 Intrch wth Hydraulic Research 29100-2 (North American Spec NA5-8265-3) and Drescher 50002-2 (North American Spec NA5-8265-2) or Allen Eng Co 13137 (North American Spec NA5-8299-5).

USEABLE ON CODE: A 51-2850 thru 51-12969, 51-13070 thru 51-13129 B 51-12970 thru 51-12976, 51-13130 thru 52-4604 C 52-4605 and subs

WING HYDRAULICS (Cont)



176-58-1

FIGURE 90 - HYDRAULIC FLIGHT CONTROL SYSTEM BY-PASS VALVE ASSEMBLY AND ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE COD
90	172-58616-3		VALVE ASSY, Hyd power control by-pass (see fig. 81 for next assy)	NP	A
	172-58616-7		VALVE ASSY, Hyd power control by-pass (see fig. 81 for next assy)	NP	B
	172-58616-9		VALVE ASSY, Hyd power control by-pass (see fig. 81 for next assy)	NP	C
	ATTACHING PARTS				
-1	AN4-7A		BOLT	3	
-2	AN960D416		WASHER	3	
		---*---			
-3	AN815-8	.	UNION	1	A,B
	AN815-8D	.	UNION	1	C
-4	AN6290-8	.	GASKET	1	
-5	AN893-12D	.	BUSHING	1	
-6	AN834-6D	.	TEE	1	A
-7	AN833-6D	.	ELBOW	1	B,C
-8	AN6289-6	.	NUT	1	
-9	AN6291-6	.	RING	1	
-10	AN6290-6	.	GASKET	1	
-11	AN6290-8	.	GASKET	1	
-12	AN893-12	.	BUSHING	1	A,B
	AN893-12D	.	BUSHING	1	C
-13	AN834-6	.	TEE	1	A,B
	AN834-6D	.	TEE	1	C
-14	AN926-8D	.	TEE	1	
-15	AN919-12	.	REDUCER	1	A,B
	AN919-12D	.	REDUCER	1	C
-16	AN832-8	.	UNION	1	A,B
	AN832-8D	.	UNION	1	C
-17	AN6289D8	.	NUT	1	
-18	AN6291-8	.	RING	1	
-19	AN6290-8	.	GASKET	4	
-20	AN6289-6	.	NUT	1	
-21	AN6291-6	.	RING	1	
-22	AN6290-6	.	GASKET	1	
-23	25342-4	.	VALVE, Pilot operated 3-way 2 position 3000 psi sel (Whittaker) (intrch wth Proof Industries 13-1010 (North American Spec NA5-8228-1)	1	

USEABLE ON CODE: A 51-2850 thru 51-13169, B 51-13170 thru 52-4604, C 52-4605 and subs

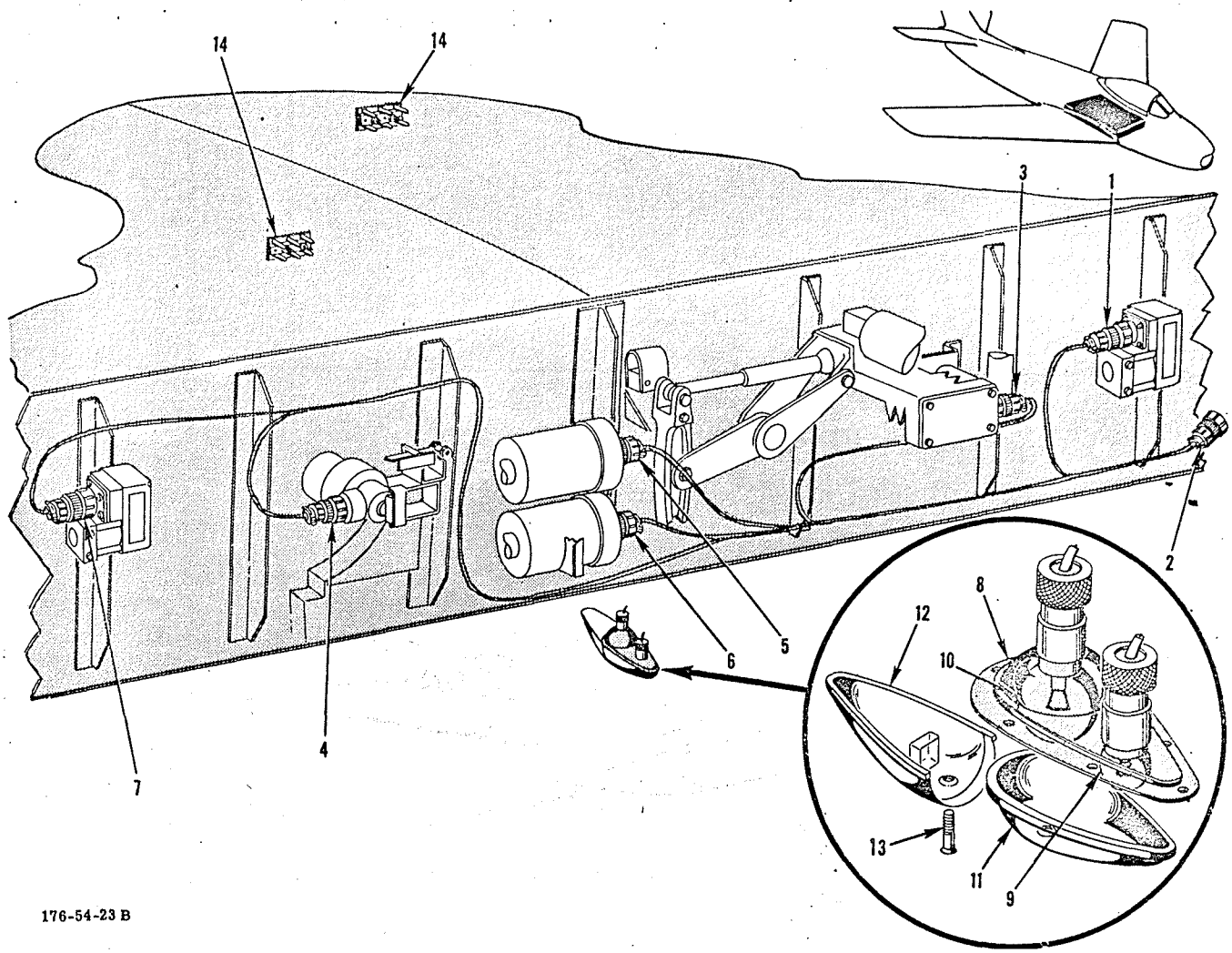
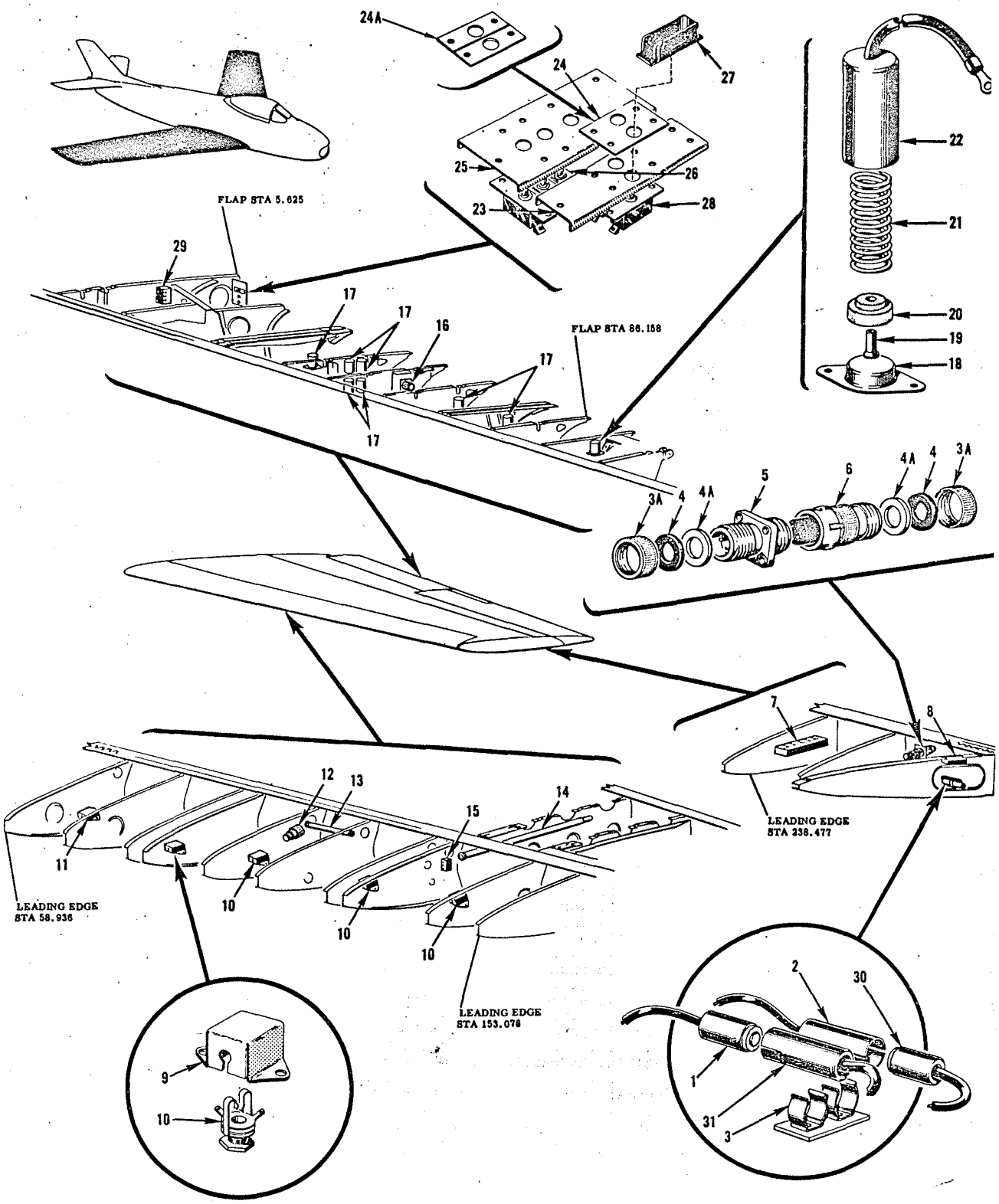


FIGURE 91 - WING CENTER SECTION ELECTRICAL EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
91	No Number	WING CENTER SECTION ELEC EQUIP., (see fig. 92 for next assy)	NP	A
	176-54014-3	ELECTRICAL EQUIP. INSTL, WCS (see fig. 6 for next assembly)	NP	B
	191-54014-3	ELECTRICAL EQUIP. INSTL, WCS (see fig. 6 for next assembly)	NP	C
	227-54014-3	ELECTRICAL EQUIP. INSTL, WCS (see fig. 6 for next assembly)	NP	D
-1	AN3106B12S3S	. PLUG, (normal hydraulic system pressure switch)	1	
	AN3057-4A	. ADAPTER	1	
-2	AN3101B22-14P	. RECEPTACLE, (normal system pressure switch)	1	
	AN3057-12A	. ADAPTER	1	
-3	AN3106B14S7S	. PLUG, (lateral bungee trim actuator)	1	
	AN3057-6A	. ADAPTER	1	
-4	AN3106B10SL4S	. PLUG, (normal hydraulic system by-pass valve)	1	
	AN3057-4A	. ADAPTER	1	
-5	AN3106B14S2S	. PLUG, (utility hydraulic system pressure transmitter)	1	
	AN3057-6A	. ADAPTER	1	
-6	AN3106B14S2S	. PLUG, (normal hydraulic system pressure transmitter)	1	
	AN3057-6A	. ADAPTER	1	
-7	AN3106B12S2S	. PLUG, (normal hydraulic system pressure switch)	1	
	AN3057-4A	. ADAPTER	1	
-8	AN3177-9	. LIGHT ASSEMBLY, (lower position light)	1	
	AN530-6R8	. SCREW	1	
-9	AN3131-303	. LAMP ASSEMBLY, (dimmer) (lower position light)	1	
-10	AN3133-311	. LAMP ASSEMBLY, (normal) (lower position light)	1	
-11	AN3099-1	. COVER, (lower position light)	1	
-12	140-54011	. FAIRING ASSEMBLY, Lower fuselage position light	1	
-13	79XZ6-11	. SCREW, (Parker-Kalon)	1	
	79XZ6-20	. SCREW, (Parker-Kalon)	1	
-14	AN3436-2-2	. TERMINAL BLOCK ASSEMBLY, (bomb salvo)	2	
	397-2	. COVER, (Henry Engineering)	2	

USEABLE ON CODE: A 51-2850 thru 51-12976; B 51-13070 thru 51-13340, 52-4305 thru 52-4504; C 51-13341 thru 51-13510, 52-4505 thru 52-5530, 53-1072 thru 53-1228; D 55-3816 and subs



F-86F-

FIGURE 92 - LH AND RH WING ELECTRICAL EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	* 1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEAE CC
92	170-54014-1		ELECTRICAL EQUIPMENT INSTL, Wing LH (see fig. 8 for next assy) .	NP	A
	170-54014-2		ELECTRICAL EQUIPMENT INSTL, Wing RH (see fig. 8 for next assy) .	NP	A
	176-54014-1		ELECTRICAL EQUIPMENT INSTL, Wing LH (see fig. 8 for next assy) .	NP	B

WING ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
92	176-54014-2		ELECTRICAL EQUIPMENT INSTL, Wing RH (see fig. 8 for next assy) .	NP	B
	191-54014-1		ELECTRICAL EQUIPMENT INSTL, Wing LH (see fig. 8 for next assy) .	NP	C
	191-54014-2		ELECTRICAL EQUIPMENT INSTL, Wing RH (see fig. 8 for next assy) .	NP	C
	202-54014-1		ELECTRICAL EQUIPMENT INSTL, Wing LH (see fig. 8 for next assy) .	NP	F
	202-54014-2		ELECTRICAL EQUIPMENT INSTL, Wing RH (see fig. 8 for next assy) .	NP	F
	172-54301-1		ELECTRICAL EQUIPMENT INSTL, Extended wing leading edge LH . . . (see figure 23 for next assembly)	NP	*1
	172-54301-2		ELECTRICAL EQUIPMENT INSTL, Extended wing leading edge RH . . . (see figure 23 for next assembly)	NP	*1
	227-54014-1		ELECTRICAL EQUIPMENT INSTALLATION, Wing LH	NP	G
	227-54014-2		ELECTRICAL EQUIPMENT INSTALLATION, Wing RH	NP	G
	No Number		. WING CENTER SECTION, Electrical equipment (see figure 91 . . for breakdown)	NP	A
	No Number		. WING ELECTRICAL EQUIPMENT(see fig. 93 & 94 for breakdown) . .	NP	
-1	2347		. COUPLER, Antenna (Insuline Corp) (wing tip light disconnect) (male protion)	1	
-2	2347		. COUPLER, Antenna (Insuline Corp) (wing tip light disconnect) (female protion)	1	
-3	172-54066		. CLIP ASSY, Electrical wing tip light disconnect	1	
-3A	AN3054-10		. NUT (LH only)	2	
-4	2W1SR24-30-93		. WASHER (North American) (LH only)	2	
-4A	2W1P44-30-63		. WASHER (North American) (LH only)	2	
-5	AN3100A18-12P		. RECEPTACLE, (gyrosyn compass disconnect) (LH only)	1	
-6	AN3106B18-12S		. PLUG, (gyrosyn compass disconnect) (LH only)	1	
-7	AN3436-2-7		. TERMINAL BLOCK ASSY, (gyrosyn compass and wing tip light) . . (LH only)	1	
-8	AN3436-2-2		. TERMINAL BLOCK ASSY, (wing tip light) (RH only)	1	
	397-2		. COVER, (Henry Engineering)	1	
-9	151-54115		. COVER, Rocket rack electric connector	4	A,B,C
-10	JJ033		. JACK, (rocket rack connector) (Radio Television Supply) . . . (intrch wth Mallory, P.R. SCA2B, Army JK33A, Navy 49039 and Naval Aircraft Factory 214483-1)	4	A,B,C
-11	JJ033		. JACK, (rocket rack connector) (Radio Television Supply) . . . (intrch wth Mallory, P.R. SCA2B,Army JK33A, Navy 49039 and Naval Aircraft Factory 214483-1)	1	F
	191-54115		. COVER ASSY, Electrical rocket rack connector	1	F
-12	AN3100A14S2S		. RECEPTACLE, (Liquidometer)	1	
	AN3057-6A		. ADAPTER	1	
-13	187-54163		. CORD ASSY, Canopy plug disconnect	1	B,C,F
	187-54183-3		. . CORD, Canopy plug disconnect	1	B,C,F
-14	140-54141		. CONDUIT, Station 12 outer wing electric (right wing only) . .	1	A,B,C
	202-54036		. CONDUIT, Electrical wing station 132 (left wing only)	1	F
-15	AN3436-2-2		. TERMINAL BLOCK ASSY, (rocket pod)	1	A,B
	397-2		. COVER, (Henry Engineering)	1	A,B
	AN3436-2-3		. TERMINAL BLOCK ASSY, (rocket pod)	1	C
	397-3		. COVER, (Henry Engineering)	1	C
	AN3436-2-4		. TERMINAL BLOCK ASSY, (leading edge station 131)	1	F
	397-4		. COVER, (Henry Engineering)	1	F
-16	AN3100A18-10S		. RECEPTACLE, (wing flap actuator control)	1	
	AN3057-10A		. ADAPTER	1	
-17	140-54110-10		. RECEPTACLE ASSY, Electric rocket mount rear	10	
-18	140-54114		. . BASE, Electric rocket mount receptacle	1	
-19	AN450A9C16		. . RIVET, Tubular	1	
-20	140-54113		. . INSULATOR, Electric rocket mount receptacle	1	
-21	140-54111		. . SPRING, Electric rocket mount receptacle	1	
-22	140-54112		. . SLEEVE, Electric rocket mount receptacle	1	
-23	151-54054		. BRACKET ASSY, Electric fuel transfer test switch (RH only) .	1	
-24	161-54045	*2	. NAME PLATE, Fuel pump and rocket jettison switches (RH only).	1	
-24A	202-540014	*3	. PLATE, Identification fuel pump and rocket and missile . . . jettison switches (RH only)	1	H
-25	172-54072		. BRACKET ASSY, Electric fuel boost test and ground door . . . control switch (LH only)	1	
-26	AN3022-8		. SWITCH, (fuel pumps and missile and rocket jettison).	2	
-27	AN3229-1		. GUARD, Two position toggle switch lock (LH only).	1	
-28	AN3227-3		. SWITCH, (ground door control) (LH only)	1	D
	AN3023-3		. SWITCH, (ground door control) (LH only)	1	E
-29	AN3436-4-2		. TERMINAL BLOCK ASSY, (wing disconnect)	1	
	397-2		. COVER, (Henry Engineering)	1	
-30	2347		COUPLER, Antenna (Insuline Corp) (wing tip light disconnect) . . (male portion) (see figure 7)	Ref	
-31	2347		COUPLER, Antenna (Insuline Corp) (wing tip light disconnect) . . (female portion) (see figure 7)	Ref	

See figure 95 for wing LE elec equip used on airplanes 51-13170 thru 53-1227 modified per T. O. 1F-86F-516.

*1 Used on F-86F airplanes coded AF51-2850 thru AF51-2927 that have been modified per T. O. No. 1F-86-109.
*2 Not used on airplanes coded H modified per T. O. 1F-86F-533.
*3 Used on airplanes coded H modified per T. O. 1F-86F-533.

USEABLE ON CODE:
A 51-2850 thru 51-12976
B 51-13070 thru 51-13340, 52-4305 thru 52-4504
C 51-13341 thru 51-13510, 52-4505 thru 52-5530
D 51-2850 thru 51-2927
E 51-2928 and subs
F 53-1072 and subs
G 55-3816 and subs
H 51-13170 thru 51-13510, 52-5272 thru 52-5521, 52-5523 thru 52-5530, 52-4305 thru 52-5015, 52-5017 thru 52-5163

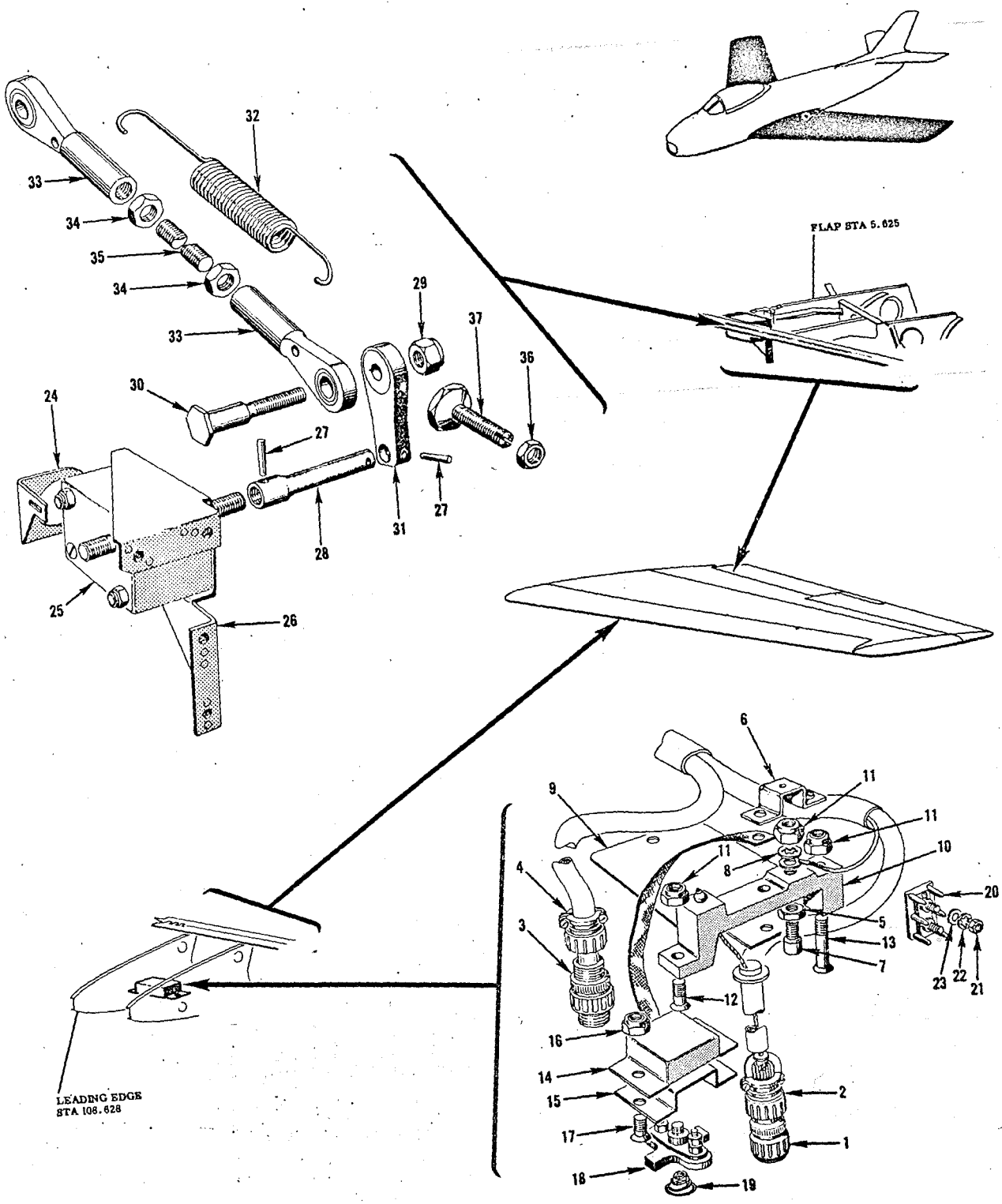


FIGURE 93 - WING ELECTRICAL EQUIPMENT (Cont)

WING ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
93	No Number	*1	WING ELECTRICAL EQUIPMENT (see fig. 92 for next assy and 94 for additional breakdown)	NP	
-1	AN3107B18-12S	.	PLUG, (para-frag rack)	1	A,C
-2	AN3057-10A	.	ADAPTER	1	A,C
-3	AN3101B18-1S	.	RECEPTACLE, (S2 bomb rack)	1	A,C
-4	AN3057-10A	.	ADAPTER	1	A,C
-5	5579	.	NUT, (Insuline Corp)	2	A,C
-6	161-54136	.	GUARD, Elec frag bomb disconnect plug retaining	1	A,C
-7	336	.	JACK, Banana plug (drop tank jettison solenoid disconnect) (American Radio Hardware)	1	A,C
-8	AN936A416	.	WASHER	1	A,C
-9	151-54017	.	DOOR, Outer wing bomb rack plug access	1	A,C
	151-54019	.	CABLE ASSY, Frag bomb disconnect plug retaining	1	A,C
-10	140-54027	.	SUPPORT, Outer wing aux fuel tank elec disconnect plug	1	A,C
	ATTACHING PARTS				
-11	AN365-832	.	NUT	3	A,C
-12	AN507-832R12	.	SCREW	1	A,C
-13	AN507-832R24	.	SCREW	1	A,C
	---*---				
-14	117-54244	.	COVER ASSY, Rocket electrical connector	1	A,C
-15	117-54240	.	BRACKET, Rocket electrical connector guide	1	A,C
	ATTACHING PARTS				
-16	AN365-632	.	NUT	2	A,C
-17	AN507-632R9	.	SCREW	2	A,C
	---*---				
	117-54241	.	PLUG ASSY, Rocket electric connector	1	A,C
-18	117-54242	.	. PLUG, Rocket electric connector	1	A,C
-19	117-54243	.	SPRING, Rocket electrical connector operating	1	A,C
-20	AN3436-2-2	.	TERMINAL BLOCK ASSEMBLY, (bomb salvo)	1	A,C
-21	AN341-6	.	NUT	1	A,C
-22	AN936A6B	.	WASHER	1	A,C
-23	AN961-6	.	WASHER	1	A,C
-24	151-54260-1	.	CLIP, Main gear uplock switch bracket attaching LH	1	D*2
	151-54260-2	.	CLIP, Main gear uplock switch bracket attaching RH	1	D,*2
-25	152-54201-30	.	SWITCH ASSY, Elec three unit limit (see fig. 260 for breakdown)	1	D,*2
-26	151-54232-1	.	BRACKET, Main LG uplock sequence switch mounting LH	1	D,*2
	151-54232-2	.	BRACKET, Main LG uplock sequence switch mounting RH	1	D,*2
-27	AN385-60-4	.	PIN	2	D,*2
-28	151-54327-5	.	EXTENSION, Electric landing gear sequence switch shaft	1	D,*2
	151-54220	.	ARM ASSY, Main landing gear uplock sequence switch	1	D,*2
-29	AN365-1032	.	. NUT	1	D,*2
-30	151-54220-9	.	. PIN, Main landing gear uplock sequence switch arm	1	D,*2
-31	151-54220-7	.	. ARM, Main landing gear uplock sequence switch	1	D,*2
-32	151-54120	.	SPRING, Main landing gear uplock electric sequence switch	1	D,*2
	151-54316	.	LINK ASSY, Main electric sequence switch actuating (use 151-54219 untl exh)	1	D,*2
-33	151-54315	.	. ROD END ASSY, Main LG elec sequence switch actuating	2	D,*2
-34	AN315-3R	.	. NUT	2	D,*2
-35	151-54316-3	.	. ROD, Main landing gear elec sequence switch actuating	1	D,*2
-36	AN345-10	.	NUT	1	D,*2
-37	151-54261-7	.	STOP	1	D,*2

*1 Used on F-86F airplanes coded 51-2850 thru 51-2927 that have been modified per T. O. No. 1F-86-109.

*2 Not used on airplanes modified per T. O. 1F-86-120. See fig's 396 & 410

USEABLE ON CODE: A 51-2850 thru 51-12976
C 51-13070 thru 51-13169
D 51-13170 thru 51-13340, 52-4305 thru 52-4504

WING ELECTRICAL (Cont)

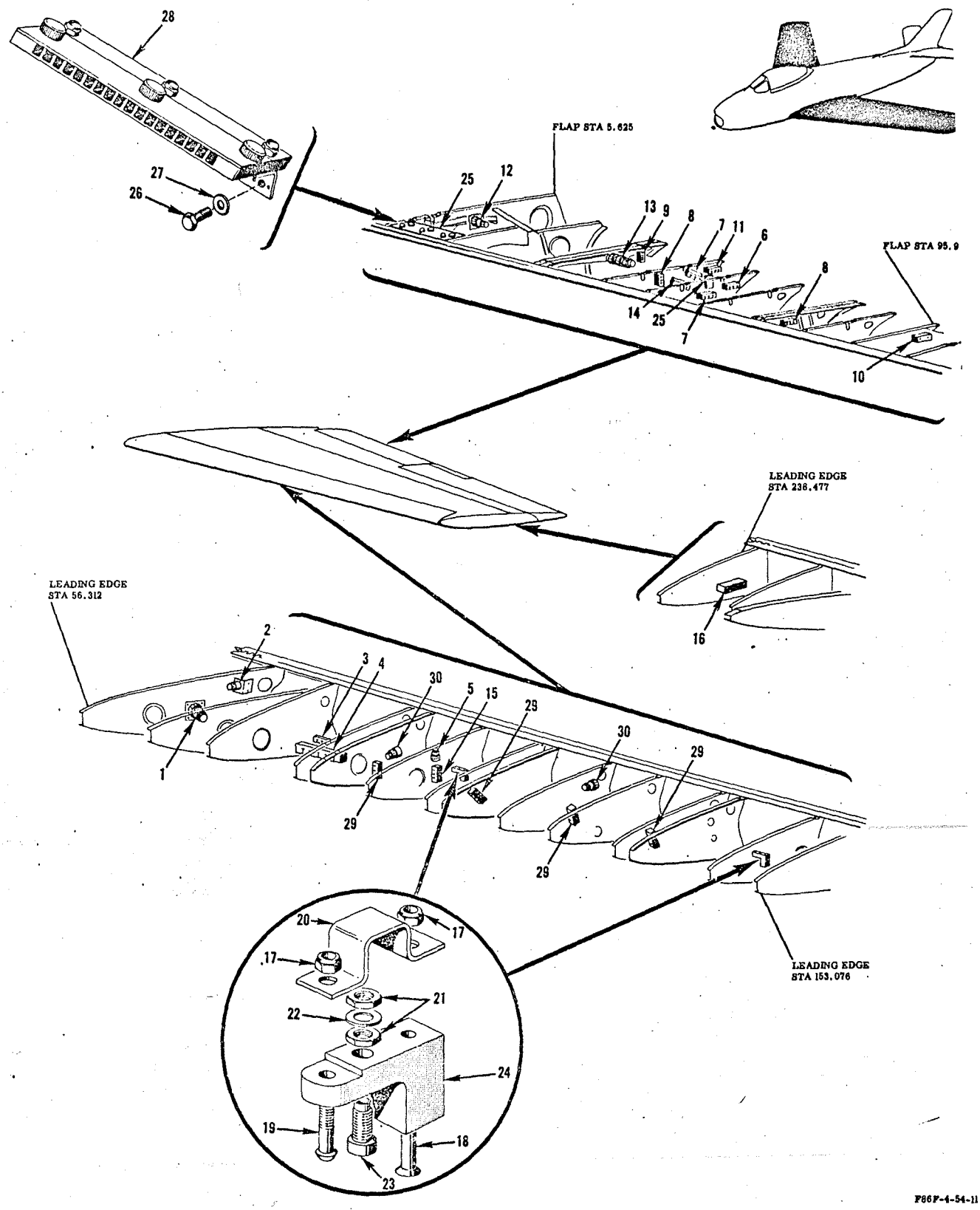


FIGURE 94 - WING ELECTRICAL EQUIPMENT (Cont)

WING ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
94	No Number *1		WING ELECTRICAL EQUIPMENT (see fig. 92 for next assy and 93 for additional breakdown)	NP	
-1	AN3100A32-8P	.	RECEPTACLE, (wing disconnect)	1	
	AN3057-20A	.	ADAPTER	1	
-2	AN3100A14S2S	.	RECEPTACLE, (Liquidometer)	1	
	AN3057-6A	.	ADAPTER	1	
-3	AN3436-4-2	.	TERMINAL BLOCK ASSEMBLY, (station 58.9)	1	A
	398-2	.	COVER, (Henry Engineering)	1	A
-4	AN3436-2-12	.	TERMINAL BLOCK ASSEMBLY, (station 73.667)	1	B,C
	397-12	.	COVER, (Henry Engineering)	1	B,C
-5	AN3100A14S2S	.	RECEPTACLE, (para frag bomb rack)	1	
	AN3057-6A	.	ADAPTER	1	
-6	AN3436-4-3	.	TERMINAL BLOCK ASSEMBLY	1	
	398-3	.	COVER, (Henry Engineering)	1	
-7	AN3436-2-2	.	TERMINAL BLOCK ASSEMBLY	2	A,B
	397-2	.	COVER, (Henry Engineering)	2	A,B
-8	AN3436-2-1	.	TERMINAL BLOCK ASSEMBLY	2	A,B
	397-1	.	COVER, (Henry Engineering)	2	A,B
-9	AN3436-2-1	.	TERMINAL BLOCK ASSEMBLY	1	A
	397-1	.	COVER, (Henry Engineering)	1	A
-10	AN3436-2-2	.	TERMINAL BLOCK ASSEMBLY	1	A
	397-2	.	COVER, (Henry Engineering)	1	A
-11	AN3436-2-5	.	TERMINAL BLOCK ASSEMBLY	1	A,B,C
	397-5	.	COVER, (Henry Engineering)	1	A,B,C
-12	AN3100A20-27P	.	RECEPTACLE, (wing disconnect)	1	
	AN3057-12A	.	ADAPTER	1	
-13	AN3101A18-1P	.	RECEPTACLE, (bomb disconnect)	1	
	AN3057-10A	.	ADAPTER	1	
-14	AN3436-2-5	.	TERMINAL BLOCK ASSEMBLY, (right wing only)	1	
	397-5	.	COVER, (Henry Engineering) (right wing only)	1	
-15	AN3436-2-2	.	TERMINAL BLOCK ASSEMBLY	1	A
	397-2	.	COVER, (Henry Engineering)	1	A
-16	AN3436-2-7	.	TERMINAL BLOCK ASSEMBLY, (left wing only)	1	D
	397-7	.	COVER, (Henry Engineering) (left wing only)	1	D
-17	AN365-832	.	NUT	4	E
-18	AN507-832R24	.	SCREW	2	E
-19	AN515R12	.	SCREW	2	E
-20	176-54136	.	GUARD, Elec outer wing auxiliary fuel tank	2	E
-21	5579	.	NUT, (Insuline Corp)	4	E
-22	AN936A416	.	WASHER	2	E
-23	336	.	JACK, Banana plug (Amer. Radio Hardware) (outbd drop tank)	2	E
-24	176-54027-3	.	SUPPORT, BP118 elec outer wing aux fuel tank jack	2	E
	AN3436-2-1	.	TERMINAL BLOCK ASSEMBLY	1	A
	397-1	.	COVER, (Henry Engineering)	1	A
-25	170-54077	.	BLOCK ASSY, Electrical aft wing connector	1	
	ATTACHING PARTS				
-26	AN3-3A	.	BOLT	3	
-27	2W18-10L	.	WASHER, Plain (North American)	3	
	---*---				
-28	40095	. .	CONNECTOR BLOCK ASSY, (LH & RH wing disconnect) (Aircraft Marine)	1	
-29	AN3436-2-2	.	TERMINAL BLOCK ASSEMBLY, (rocket pod)	4	
	397-2	.	COVER, (Henry Engineering)	4	
-30	AN3106B10SL4S	.	PLUG, (fuel shut-off valve solenoid)	2	
	AN3057-4A	.	ADAPTER	2	

*1 Used on F-86F airplanes coded 51-2850 thru 51-2927 that have been modified per T. O. No. 1F-86-109.

USEABLE ON CODE:
A 53-1072 thru 53-1228
B 51-13170 thru 51-13340, 52-4305 thru 52-4504
C 51-13341 thru 51-13510, 52-4505 thru 52-5530
D 52-5272 thru 52-5530
E 51-13170 and subs

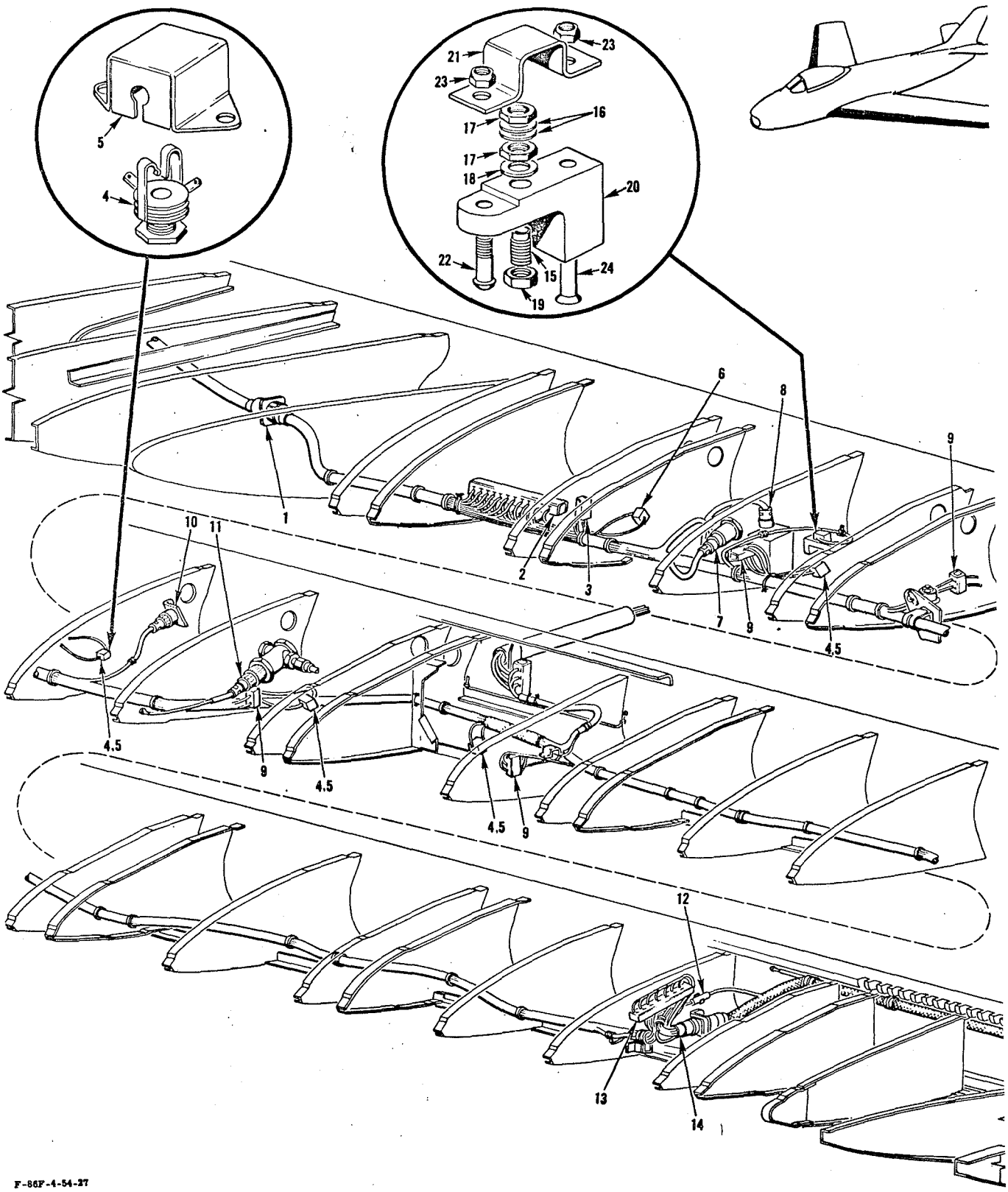


FIGURE 95 - 6-3 EXTENDED LEADING EDGE ELECTRICAL EQUIPMENT INSTALLATION (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE CODE
95	202-54114-1	ELECTRIC EQUIP INSTL, 6-3 slatted leading edge LH (modification) (see fig. 18 for next assy)	NP	*1
	202-54114-2	ELECTRIC EQUIP INSTL, 6-3 slatted leading edge RH (modification) (see fig. 18 for next assy)	NP	*1
-1	AN3100A32-8P	. RECEPTACLE, (fwd wing disconnect)	1	*1
	AN3057-20A	. ADAPTER	1	*1
-2	AN3436-2-12	. TERMINAL BLOCK ASSY	1	*1
	397-12	. COVER, (Henry Engineering)	1	*1
-3	AN3436-2-2	. TERMINAL BLOCK ASSY	1	*1
	397-2	. COVER, (Henry Engineering)	1	*1
-4	JJ033	. JACK, (rocket rack connector) (Radio Television Supply)	4	*1
-5	151-54115	. COVER, Rocket rack electric connector	4	*1
-6	JJ033	. JACK, (rocket rack connector)(Radio Television Supply)	1	*1
	191-54115	. COVER ASSY, Electrical rocket rack connector	1	*1
-7	AN3106B10SL4S	. PLUG, (drop tank air press shut-off valve)	1	*1
	AN3057-4A	. ADAPTER	1	*1
-8	AN3100A14S2S	. RECEPTACLE, (fragmentation bomb rack)	1	*1
	AN3057-6A	. ADAPTER	1	*1
-9	AN3436-2-2	. TERMINAL BLOCK ASSY	4	*1
	397-2	. COVER, (Henry Engineering)	4	*1
-10	AN3100A14S2S	. RECEPTACLE	1	*1
	AN3057-6A	. ADAPTER	1	*1
-11	AN3106B10SL4S	. PLUG, (drop tank air press shut-off valve)	1	*1
	AN3057-4A	. ADAPTER	1	*1
-12	181-54217-3	. CONNECTOR ASSY, Electrical line (female portion) (wing tip position light) (on LH wing only)	1	*1
-13	AN3436-2-7	. TERMINAL BLOCK ASSY, (on LH wing only)	1	*1
	397-7	. COVER, (Henry Engineering) (on LH wing only)	1	*1
-14	AN3100A18-12P	. RECEPTACLE, (compass disconnect) (on LH wing only)	1	*1
	AN3054-10	. NUT, (on LH wing only)	1	*1
	2W1SR24-20-93	. WASHER, Plain (North American) (on LH wing only)	1	*1
	2W1P44-30-63	. WASHER, Plain (North American) (on LH wing only)	1	*1
-15	336	. JACK, (Radio Television Supply)	1	*1
-16	AN936A416	. WASHER	2	*1
-17	5579	. NUTS, (Insuline Corp)	2	*1
-18	2W17-416	. WASHER, Corrosive resistant steel (North American)	2	*1
-19	AN341-416	. NUT	1	*1
-20	176-54027-3	. SUPPORT, BP118 elec outer wing aux fuel tank jack	1	*1
-21	176-54136	. GUARD, Elec outer wing aux fuel tank	1	*1
-22	AN515-8R12	. SCREW	1	*1
-23	AN365-832	. NUT	2	*1
-24	AN507-832R24	. SCREW	1	*1

*1 Used on airplanes 51-13170 thru 53-1227 modified per T. O. 1F-86F-516.

TAIL

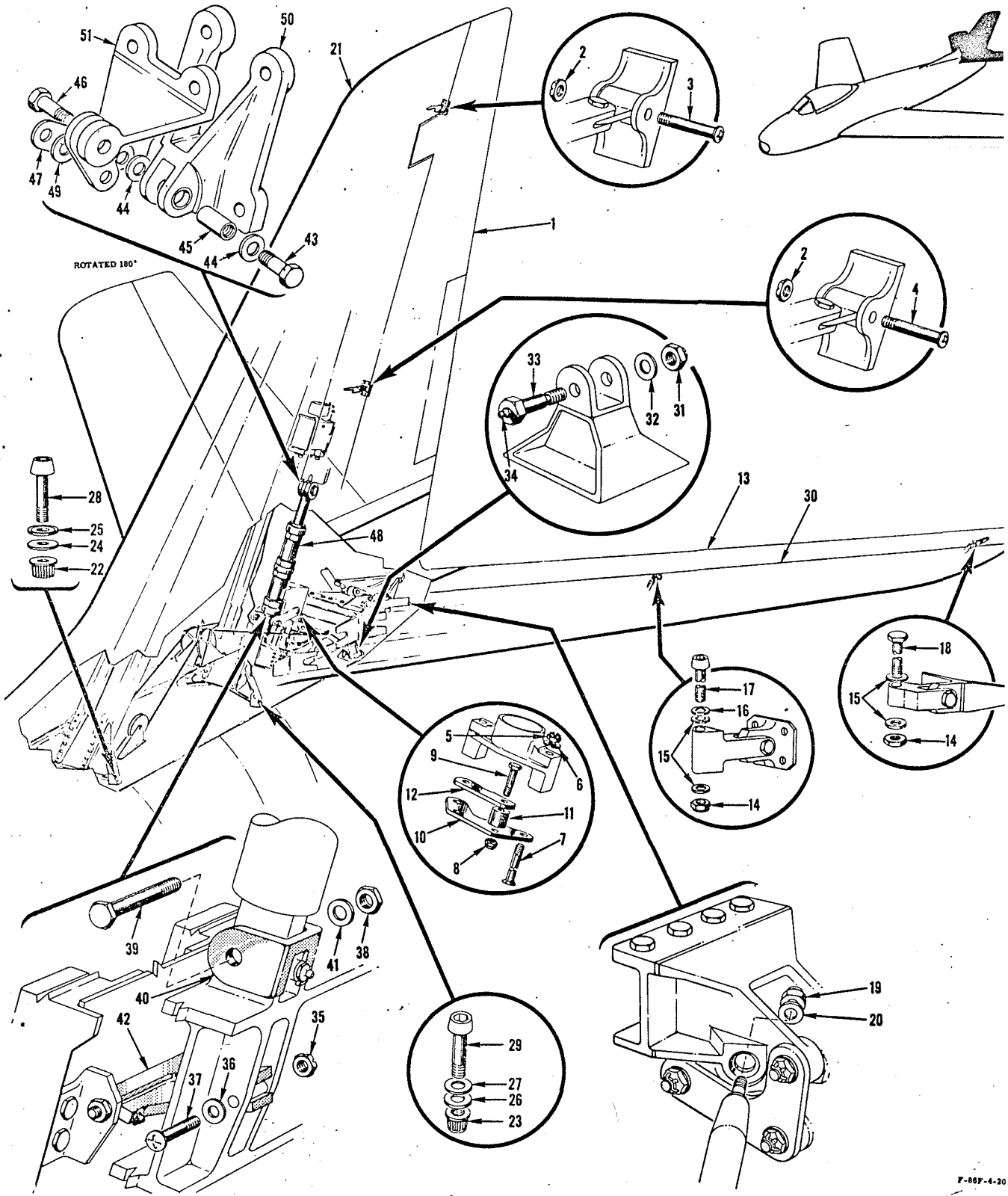


FIGURE 96 - COMPLETE EMPENNAGE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE CODE
96	170-20001	EMPENNAGE INSTALLATION, Complete	NP	
	170-25001	. FILLET INSTALLATION, Empennage (see fig. 103 for breakdown)	NP	
	No Number	. ELEVATOR ACTUATING EQUIP., (see fig. 102 for breakdown)	NP	
-1	151-24001	. RUDDER ASSY, Complete (see fig. 101 for breakdown)	1	
-2	AN320-4	. NUT	2	
-3	AN24-30	. BOLT	1	

TAIL

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
96-4	AN24-32	.	BOLT	1	
-5	AN310-5	.	NUT	2	
-6	AN960D516	.	WASHER	2	
-7	NAS335-32	.	BOLT, 100° close tolerance high strength 5/16-24	2	
-8	AN365-428	.	NUT	2	
-9	AN4-15A	.	BOLT	2	D,E,F,G
	AN509-416-27	.	SCREW	2	H
	2W18-416M	.	WASHER, Flat (North American) (install under nut)	2	H
-10	170-52407	.	RETAINER, Rudder control sector bearing lower	1	D,E,F,G
	227-52407-3	.	RETAINER, Rudder control aft sector bearing	1	H
-11	170-52406	.	SPACER, Rudder control sector bearing retainer	2	D,E,F,G
-12	170-52408	.	RETAINER, Rudder control sector bearing upper	1	D,E,F,G
	227-52407	.	RETAINER, Rudder control aft sector bearing	1	H
-13	170-22001	*4 .	ELEVATOR ASSY, Complete (see fig. 100 for breakdown)	2	C
	170-22001-51	*5 .	ELEVATOR ASSY, Complete (see fig. 100 for breakdown)	2	
	170-22001-61	*5 .	ELEVATOR ASSY, Complete (see fig. 100 for breakdown)	1	
	170-22001-71	*5 .	ELEVATOR ASSY, Complete (see fig. 100 for breakdown)	1	
-14	AN310-4	.	NUT	4	
-15	AN960D416	.	WASHER	8	
-16	2W10-4	.	WASHER, Countersunk (North American)	2	
-17	NAS144-41A	.	BOLT, Internal wrenching steel 1/4-28	2	
-18	AN174-14	.	BOLT	2	
-19	AN365-524	.	NUT	2	
-20	AN960D516L	.	WASHER	AR	
-21	170-23001-51	.	STABILIZER ASSY, Vert complete (see fig. 98 for breakdown) (whn exh use 170-23001-101)	1	D
	170-23001-101	.	STABILIZER ASSY, Vert complete (see fig. 98 for breakdown) (use 170-23001-51 untl exh on airplanes coded D only)	1	A
	170-23001-201	.	STABILIZER ASSY, Vertical (whn exh use 170-23001-301) (see fig. 98 for breakdown)	1	B
	170-23001-301	.	STABILIZER ASSY, Vertical (use 170-23001-201 untl exh)(see fig. 98 for breakdown)	1	B
-22	EB108	.	NUT, (Elastic)	2	
-23	EB098	.	NUT, (Elastic)	2	
-24	NAS143-10	.	WASHER, X4130 125,000 to 145,000 plain	2	
-25	NAS143-10C	.	WASHER, X4130 125,000 to 145,000 countersunk	2	
-26	NAS143-9	.	WASHER, X4130 125,000 to 145,000 plain	2	
-27	NAS143-9C	.	WASHER, X4130 125,000 to 145,000 countersunk	2	
-28	NAS150-31	.	BOLT, Internal wrenching steel 5/8-18	2	
-29	NAS149-29	.	BOLT, Internal wrenching steel 9/16-18	2	
-30	170-21001	.	STABILIZER ASSY, Hor (whn exh use 170-21001-51) (see figure 97 for breakdown)	1	
	170-21001-51	.	STABILIZER ASSY, Hor (use 170-21001 untl exh) (see figure 97 for breakdown)	1	
-31	AN310-7	.	NUT	2	
-32	AN960D716	.	WASHER	2	
-33	170-21430-11	.	BOLT ASSY, Hor stab. to fus attachg (use 170-21430 untl exh)	2	
	170-21430-5	. .	BOLT, Horizontal stabilizer to fuselage attaching	1	
-34	AN944-101	. .	FITTING	1	
-35	AN320-5	.	NUT	1	
-36	AN960D516	.	WASHER	1	
-37	AN25-25	.	BOLT	1	
-38	AN310-10	.	NUT	1	
-39	AN180-25	.	BOLT	1	
-40	170-58786	.	GUARD, Hydraulic stabilizer cylinder	1	
-41	2W1C41-38-16	.	WASHER, Plain (North American)	AR	
-42	170-21418	.	FITTING ASSY, Hor stab. front beam snubber (see fig. 99 for breakdown and attaching parts)	1	
-43	AN5H4A	.	BOLT	2	A
	AN5H4A	.	BOLT	1	B
-44	2W2B21-28-125	.	WASHER, Thrust (North American)	2	
-45	170-23420	.	PIN, Horizontal stabilizer actuator upper attaching	1	
-46	AN5H5A	.	BOLT	1	B
-47	176-52261	.	STRAP, Hor stab. control artificial feel at surface	1	B
-48	170-58706-7	.	ACTUATOR ASSY, Hyd stab. power control	1	A *3
	170-58706-11	.	ACTUATOR ASSY, Hyd stab. power cont (whn exh use 176-58706-25)	1	E, *3
	176-58706-25	.	ACTUATOR ASSY, Hyd stab. power cont (use 170-58706-11 untl exh)	1	E, *3
	170-58706-13	.	ACTUATOR ASSY, Hyd stab. power control	1	F, *1,*2,*3
	170-58706-131	.	ACTUATOR ASSY, Hyd stab. power control	1	F, *1,*2,*3
	176-58706	.	ACTUATOR ASSY, Hyd stab. power control	1	F, *1,*2,*3
	176-58706-191	.	ACTUATOR ASSY, Hyd stab. power control	1	F, *1,*2,*3
	176-58706-200	*6.	ACTUATOR ASSY, Hyd stab. power control	1	G, *2,*3
	227-58706	.	ACTUATOR ASSY, Hyd stab. power control	1	H
-49	2W18-416L	.	WASHER, Flat (North American)	1	
-50	170-23416-7		FITTING ASSY, Hor stab. actuator upper attaching (see fig. 98)	Ref	
-51	176-52242		BRACKET, Hor stab. control artificial feel at surface(see fig. 98)	Ref	

*1 Parts marked thus are intrch whn reworked per T. O. 1F-86F-39.
*2 Refer to T. O. 1F-86F-45.
*3 Refer to T. O. 9H2-4-5-4 for breakdown.
*4 170-22001 is intrch wth 170-22001-51, -61 and -70 on airplanes 51-2850 thru 51-2909 only.
*5 Parts marked thus are intrch assemblies and may be used on all F86F airplanes.
*6 **176—58706—200 is intrch wth 176—58707—191 when bungee assembly 190—58710—7 is removed from 176—58706—200.**

USEABLE ON CODE:
A 51-2850 thru 51-12969
B 51-12970 and subs
C 51-2850 thru 51-2909
D 51-2850 thru 51-2943
E 51-12970 thru 51-12976
F 51-13070 thru 51-13169
G 51-13170 thru 53-1228
H 55-3816 and subs

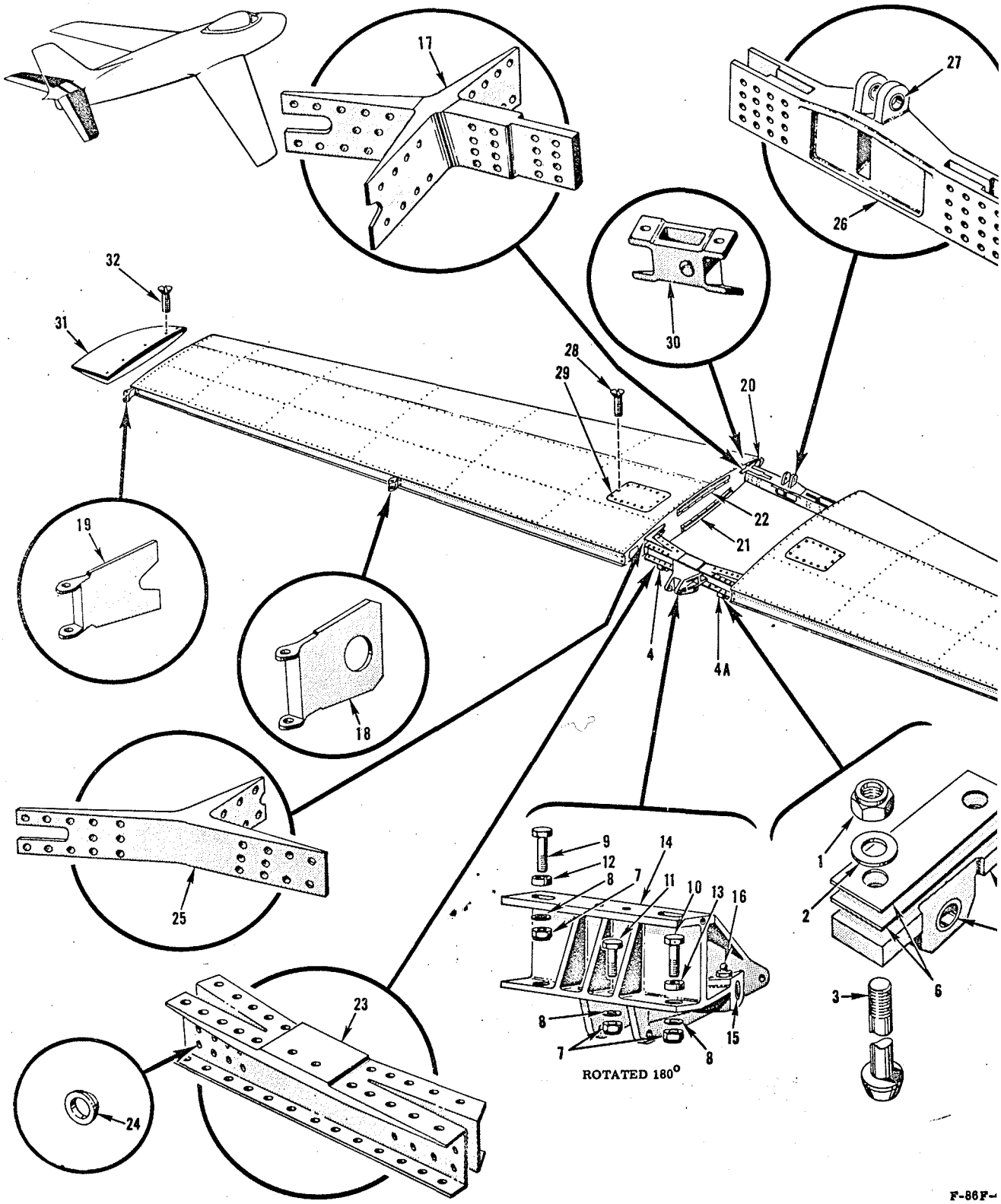


FIGURE 97 - COMPLETE HORIZONTAL STABILIZER ASSEMBLY

TAIL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
97	170-21001	STABILIZER ASSEMBLY, Horizontal complete (whn exh use 170-21001-51) (see fig. 96 for next assembly)	Ref	
	170-21001-51	STABILIZER ASSEMBLY, Horizontal complete (use 170-21001 untl exh) (see figure 96 for next assembly)	Ref	
-1	EB064	. NUT, (Elastic)	4	
-2	NAS143-6C	. WASHER, X4130 125,000 to 145,000 psi	4	
-3	NAS146-27	. BOLT, Internal wrenching steel 3/8-24	4	
-4	170-21404-3	. FITTING ASSEMBLY, Horizontal stabilizer rear beam to support attaching	1	
-4A	170-21404-5	. FITTING ASSEMBLY, Horizontal stabilizer rear beam to support attaching	1	
-5	170-21432-3	. . BUSHING, Horizontal stabilizer to fuselage attaching bolt (used on 170-21404-3 only)	1	
	170-21432-5	. . BUSHING, Horizontal stabilizer to fuselage attaching bolt (used on 170-21404-5 only)	1	
-6	172-21100	. SHIM, Horn stabilizer rotation fitting	4	
-7	AN365-428	. NUT	8	
-8	AN960-416	. WASHER	8	
-9	AN174-14A	. BOLT, (upper flange)	4	
-10	AN174-13A	. BOLT, (lower flange)	2	
-11	AN174-11A	. BOLT, (lower flange)	2	
-12	170-21429-5	. SPACER, Elevator control rudder hinge (upper flange)	2	
-13	170-21429-3	. SPACER, Elevator control rudder hinge (lower flange)	2	
-14	170-21422-51	. HINGE, Elevator control center	1	
-15	5008-75	. . RING, Retaining (Waldes-Kohinoor)	2	
	LSS5	. . BEARING, (Heim)	2	
-16	AN944-101	. . FITTING	2	
-17	151-21414-1	. FITTING, Horizontal stabilizer front beam to canted rib and center section attaching LH	1	
	151-21414-2	. FITTING, Horizontal stabilizer front beam to canted rib and center section attaching RH	1	
-18	170-21408	. FITTING, Horizontal stabilizer to elevator intermediate hinge attaching	2	
-19	165-21410	. FITTING, Horizontal stabilizer to elevator outboard hinge attaching	2	
-20	151-21115	. SEAL ASSEMBLY, Horizontal stabilizer canted nose rib	2	
-21	151-21114-3	. SEAL ASSEMBLY, Horizontal stabilizer intermediate canted rib LH	1	
	151-21114-4	. SEAL ASSEMBLY, Horizontal stabilizer intermediate canted rib RH	1	
-22	151-21114-5	. SEAL ASSEMBLY, Horizontal stabilizer intermediate canted rib LH	1	
	151-21114-6	. SEAL ASSEMBLY, Horizontal stabilizer intermediate canted rib RH	1	
-23	170-21304	. BEAM, Horizontal stabilizer center section rear	1	
-24	170-21431	. SPACER, Horizontal stabilizer center rear beam (used under rivets aft flange only)	16	
-25	151-21412-1	. FITTING, Horizontal stabilizer rear beam to center rib center section attaching LH	1	
	151-21412-2	. FITTING, Horizontal stabilizer rear beam to center rib center section attaching RH	1	
-26	170-21303-5	. BEAM ASSEMBLY, Horizontal stabilizer front center	1	
-27	4B19S10-014	. . BUSHING, Press-fit plain (North American)	2	
-28	AN509-10-9	. SCREW	30	
-29	151-21113-1	. COVER, Horizontal stabilizer inboard rib access LH	1	
	151-21113-2	. COVER, Horizontal stabilizer inboard rib access RH	1	
-30	191-21400	. FITTING, Horizontal stabilizer rigging attachment (used on LH only)	1	
-31	170-21311	. TIP ASSEMBLY, Horizontal stabilizer	1	
	ATTACHING PARTS			
-32	AN509-10-9	. SCREW	20	

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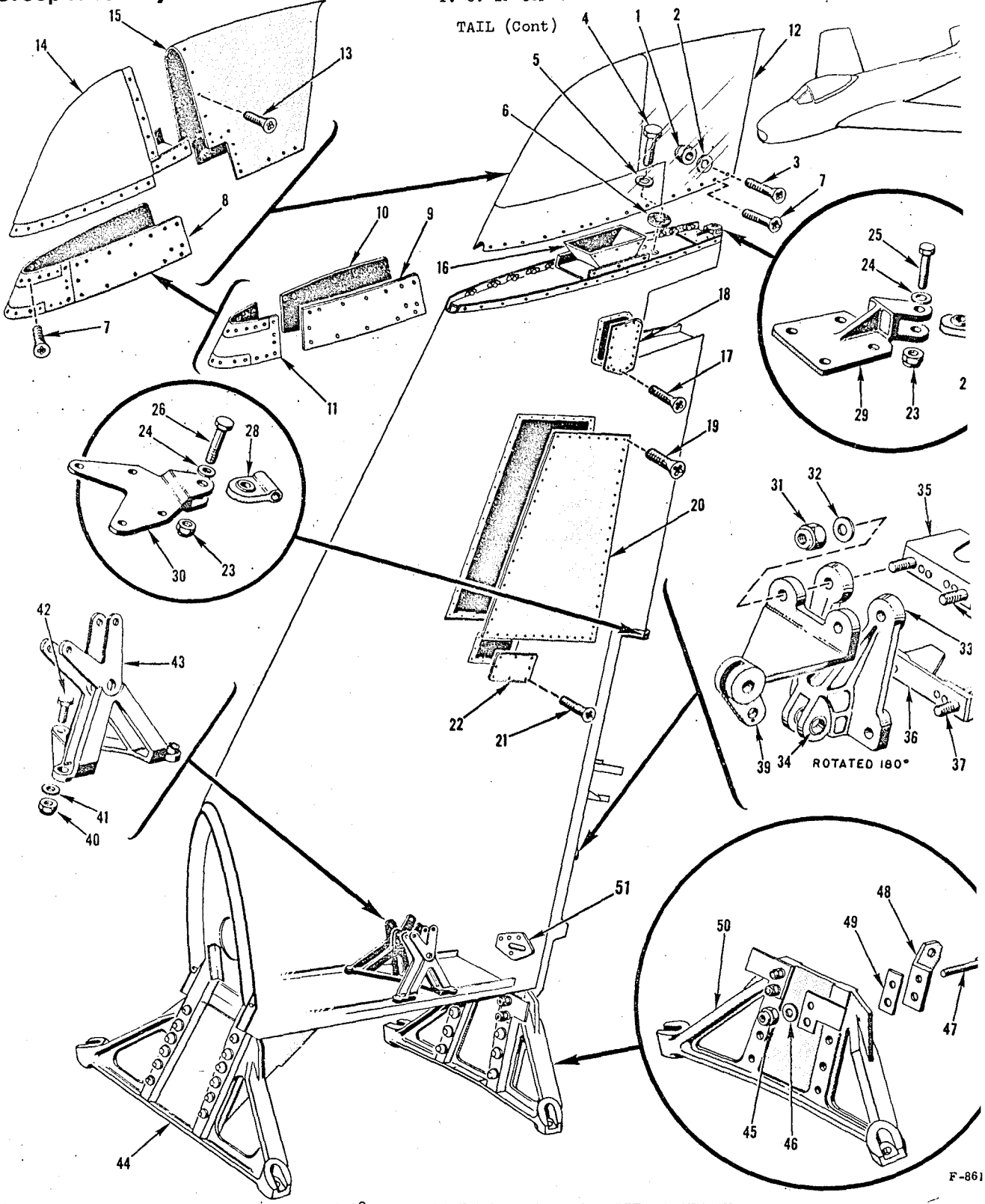


FIGURE 98 - COMPLETE VERTICAL STABILIZER ASSEMBLY

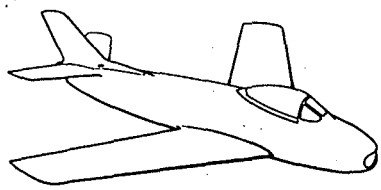
FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEAB CC
98	170-23001-51	STABILIZER ASSY, Vert complete (see fig. 96 for next assy) (whn exh use 170-23001-101)	Ref	C
	170-23001-101	STABILIZER ASSY, Vert complete (see fig. 96 for next assy) (use 170-23001-51 untl exh on airplanes coded C only)	Ref	A
	170-23001-201	STABILIZER ASSY, Vert complete (whn exh use 170-23001-301) (see fig. 96 for next assy)	Ref	B,
	170-23001-301	STABILIZER ASSY, Vert complete (use 170-23001-201 untl exh) (see fig. 96 for next assy)	Ref	B,

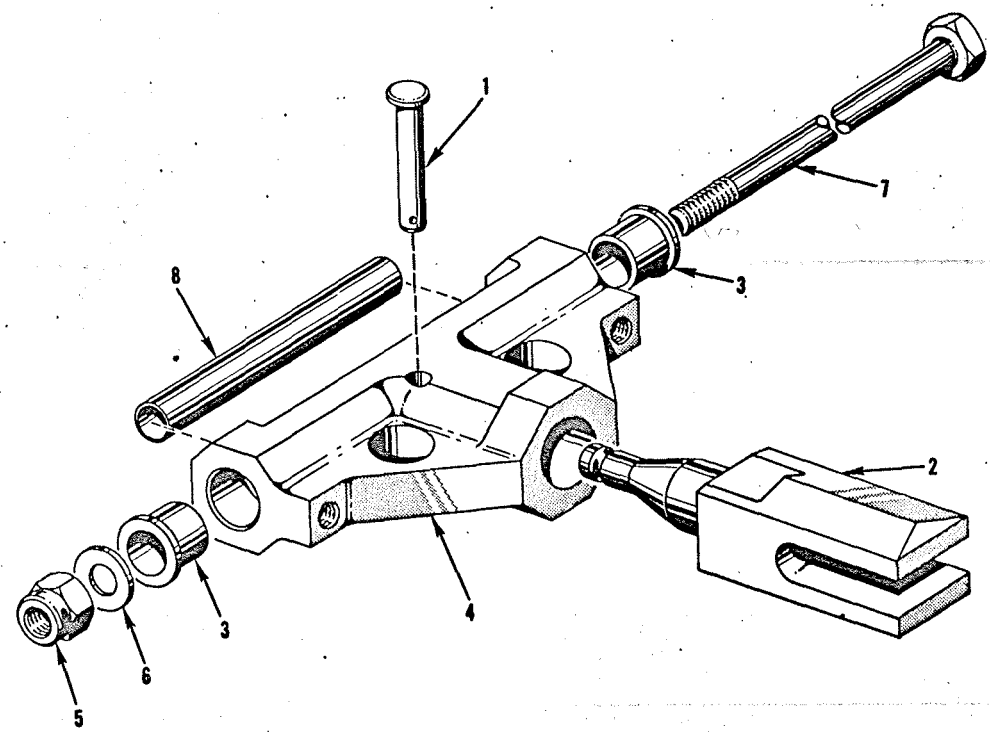
TAIL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
98-1	AN365-428	.	NUT	2	
-2	AN960-10	.	WASHER	2	
-3	AN509-10R9	.	SCREW	2	A
-4	AN3-6A	.	BOLT	2	
-5	AN960D10	.	WASHER	2	
-6	172-23122	.	WASHER, Vertical stabilizer sta 74 3/4 rib serrated	2	
-7	AN509-10R9	.	SCREW	44	
-8	161-23313-51	.	DOOR ASSY, Vertical stab. tip antenna access complete	1	
-9	161-23313-23	.	. DOOR ASSY, Vertical stab. tip antenna access LH	1	
-10	161-23313-24	.	. DOOR ASSY, Vertical stab. tip antenna access RH	1	
-11	161-23313-27	.	. DOOR ASSY, Vertical stab. tip antenna access	1	
-12	161-23310-51	.	TIP ASSEMBLY, Vertical stabilizer complete	1	
-13	AN509-10R9	.	. SCREW	16	
-14	161-23312-51	.	. ANTENNA ASSEMBLY, Vertical stabilizer tip	1	
-15	161-23311	.	. TIP ASSEMBLY, Vertical stabilizer tip	1	
	172-23901	.	TIP ASSY, VERTICAL STABILIZER SPARE	1	
	161-23313-51	.	. DOOR ASSY, VERT STAB. TIP ANTENNA ACCESS (SEE INDEX NO. 8)	1	
	161-23310-51	.	. TIP ASSY, VERT STAB. COMPLETE (SEE INDEX NO. 12)	1	
	172-23331	.	. PYRAMID ASSY, VERT STAB. UHF RADIO ANTENNA (SEE FIG. 104)	1	
-16	No Number	.	VERTICAL STAB. RADIO EQUIP., (see fig. 104 for breakdown)	NP	
-17	AN509-10R9	.	SCREW	16	D
-18	172-23120	.	DOOR ASSY, Vertical stabilizer antenna cable access	1	D
-19	NAS205-9	.	SCREW, 100° flush head Phillips recess 10-32	72	C
-20	151-23318-1	.	DOOR ASSY, Vertical stabilizer radio antenna access LH	1	C
	151-23318-2	.	DOOR ASSY, Vertical stabilizer radio antenna access RH	1	C
-21	NAS205-9	.	SCREW, 100° flush head Phillips recess 10-32	8	C
-22	151-23090	.	DOOR ASSEMBLY, Radio antenna plug access	1	C
-23	AN320-4	.	NUT	2	
-24	AN960D416	.	WASHER	2	
-25	AN24-20	.	BOLT	1	
-26	AN24-19	.	BOLT	1	
-27	11B1-5	.	BEARING ASSEMBLY, Link (North American)	1	
-28	11B1-3	.	BEARING ASSEMBLY, Link (North American)	1	
	151-23002-201	.	FRAME ASSY, Vertical stab. (whn exh use 172-23002)	1	C
	172-23002	.	FRAME ASSY, Vertical stab. (use 151-23002-201 untl exh)	1	A
	172-23002-51	.	FRAME ASSY, Vertical stabilizer (used on 170-23001-201 only)	1	B,G
	172-23002-61	.	FRAME ASSY, Vertical stabilizer (used on 170-23001-301 only)	1	B,G
-29	161-23410	.	. FITTING, Vertical stabilizer outboard hinge	1	
-30	172-23408	.	. FITTING, Vert stab. intermediate hinge (use 140-23408 untl exh)	1	
-31	AN365-524	.	. NUT	4	
-32	AN960D516L	.	. WASHER	4	
-33	170-23416-5	.	. FITTING ASSY, Hor stab. actuator upper attaching	1	A
-34	4B19S10-013	.	. . BUSHING, Press-fit plain (North American)	2	A
	170-23416-7	.	. FITTING, Horizontal stabilizer actuator upper attaching	1	B,G
-35	170-23111	.	. CLIP ASSY, Vertical stab. sta 25.489 rear beam	1	A
	170-23111-51	.	. CLIP ASSY, Vertical stab. sta 25.489 rear beam	1	B,G
-36	170-23110	.	. CLIP ASSY, Vertical stab. sta 19.195 rear beam	1	
-37	AN175-13A	.	. . BOLT	2	
-38	AN175-15A	.	. . BOLT	2	B,G
	AN175-13A	.	. . BOLT	2	A
	6810-054	.	. . RETAINER, (Nutt-Shel)	2	
-39	176-52242-10	.	. BRACKET, Hor stab. control artificial feel at surface (use 176-52242 untl exh)	1	B,G
-40	AN365-1032	.	. NUT	6	
-41	AN960D10L	.	. WASHER	6	
-42	AN3-6A	.	. BOLT	6	
-43	151-52424-1	.	. BRACKET ASSY, Rudder control fus sta 377.957 LH	1	
	151-52424-2	.	. BRACKET ASSY, Rudder control fus sta 377.957 RH	1	
	151-23301-101	.	. BEAM ASSY, Vertical stabilizer front	1	C
	172-23301	.	. BEAM ASSY, Vertical stabilizer front	1	D
-44	151-23402-3	.	. . FITTING, Vert stab. front beam to fus attaching	1	
	151-23302-51	.	. BEAM ASSY, Vert stab. rear (use 172-23302 untl exh)	1	C
	172-23302	.	. BEAM ASSY, Vert stab. rear (whn exh use 151-23302-51)	1	A
	172-23302-51	.	. BEAM ASSY, Vertical stabilizer rear	1	B,G
-45	AN365-524	.	. . NUT, (upper)	2	
	AN365-624	.	. . NUT, (lower)	2	
-46	AN960D516	.	. . WASHER, (upper)	2	
	AN960D616	.	. . WASHER, (lower)	2	
-47	AN175-20A	.	. . BOLT, (upper)	2	
	AN176-21A	.	. . BOLT, (lower)	2	
-48	170-21417-1	.	. . FITTING, Hor stab. front beam snubber attaching angle	1	
	170-21417-2	.	. . FITTING, Hor stab. front beam snubber attaching angle	1	
-49	172-23101	.	. . SPACER, Vertical stabilizer rear beam	2	
-50	151-23404-3	.	. . FITTING, Vertical stab. rear beam to fus attaching	1	
-51	151-23119	.	. FAIRLEAD, Vertical stab. sta 3 31/32	2	

USEABLE ON CODE:

A 51-2850 thru 51-12969
B 51-12970 thru 53-1228
C 51-2850 thru 51-2943
D 51-12936 and subs
E 51-12970 thru 51-12976
F 52-4305 thru 52-5271
G 55-3816 and subs





176-20-5A

FIGURE 99 - HORIZONTAL STABILIZER FRONT BEAM SNUBBER FITTING ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE CODE
99	170-21418	FITTING ASSY, Horizontal stabilizer front beam snubber . . . . . (see fig. 96 for next assy and attaching parts)	Ref	
-1	AN393-29	. PIN	1	
-2	170-21416	. FITTING, Horizontal stabilizer front beam snubber slide . . .	1	
	170-21415	. FITTING ASSEMBLY, Horizontal stabilizer front beam . . . . . snubber fork	1	
-3	4B16RF7-12	. . BEARING, Sintered oil impregnated . . . . . (North American)	2	
-4	170-21415-3	. . FITTING, Horizontal stabilizer front beam snubber fork . .	1	
	ATTACHING PARTS			
-5	AN365-428	NUT, (NHA 170-20001) (see figure 96)	1	
-6	AN960D416	WASHER, (NHA 170-20001) (see figure 96)	1	
-7	AN174-44A	BOLT, (NHA 170-20001) (see figure 96)	1	
-8	170-21419	BUSHING, Horizontal stabilizer front beam snubber fork . . . . . (use NAS73-4-008 and NAS43DD4-167 until exh) (NHA 170-20001) (see fig. 96)	1	

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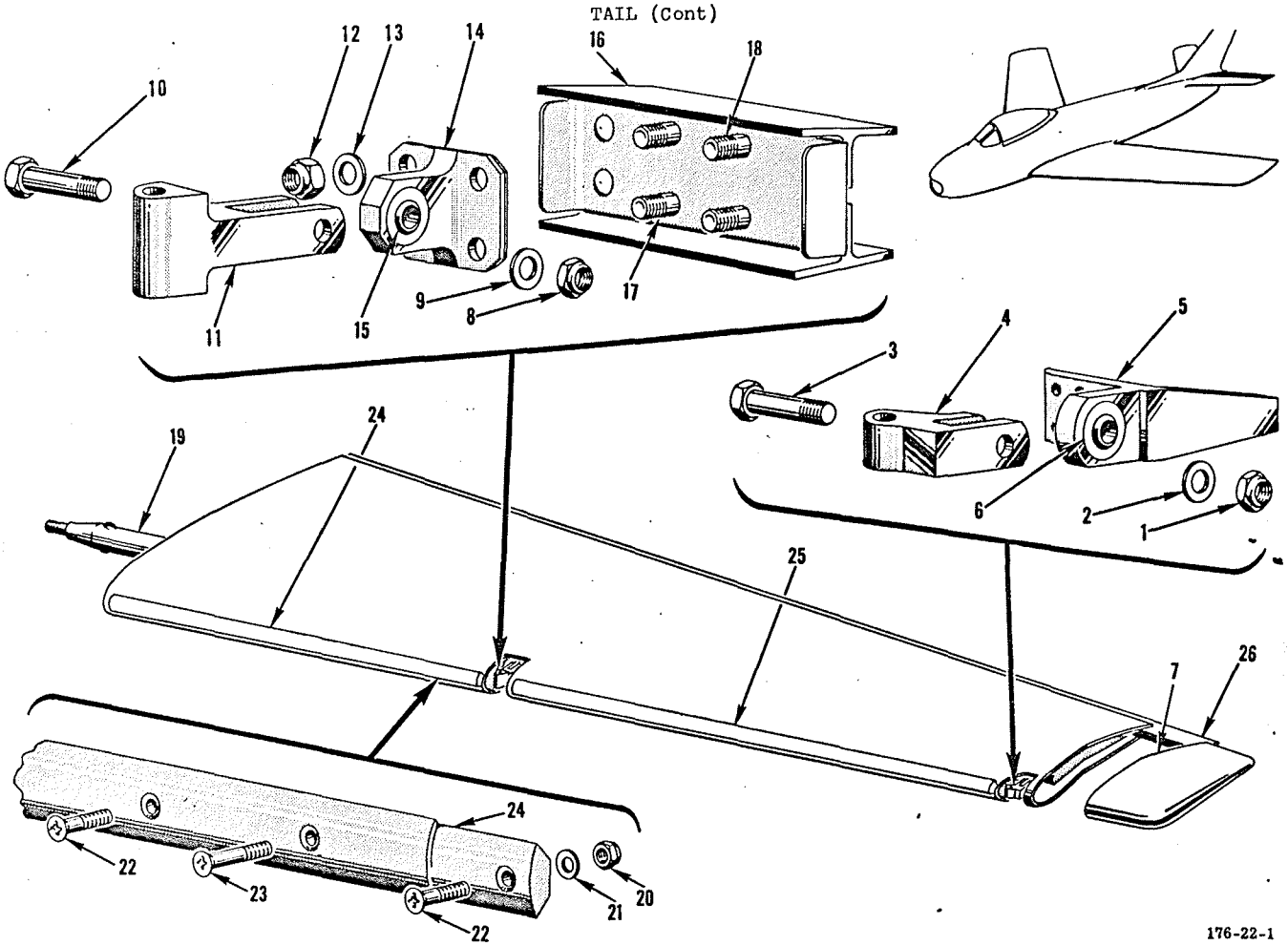


176-22-1

FIGURE 100 - COMPLETE ELEVATOR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
100	170-22001	*1	ELEVATOR ASSEMBLY, Complete (see fig. 96 for next assy)	Ref	A
	170-22001-51	*2	ELEVATOR ASSEMBLY, Complete (see fig. 96 for next assy)	Ref	
	170-22001-61	*2	ELEVATOR ASSEMBLY, Complete (see fig. 96 for next assy)	Ref	
	170-22001-71	*2	ELEVATOR ASSEMBLY, Complete (see fig. 96 for next assy)	Ref	
-1	AN364-428		. NUT	1	
-2	AN960D416		. WASHER	1	
-3	AN174-12A		. BOLT	1	
-4	165-22411		. LINK, Elevator hinge outboard	1	
-5	165-22410		. FITTING ASSEMBLY, Elevator hinge outboard	1	
-6	AN200KS4		. . BEARING	1	
-7	170-22311		. TIP, Elevator	1	
-8	AN364-428		. Nut	1	
-9	AN960D416		. WASHER	1	
-10	AN174-12A		. BOLT	1	
-11	170-22409		. LINK, Elevator hinge station 36.000	1	
-12	AN365-1032		. NUT	4	
-13	AN960D10		. WASHER	4	
-14	170-22408		. FITTING ASSEMBLY, Elevator hinge intermediate	1	
-15	AN200KP4		. . BEARING	1	
-16	170-22114		. SUPPORT ASSEMBLY, Elevator hinge station 36.000	1	
-17	AN3-6A		. . BOLT	1	
-18	AN3-5A		. . BOLT	3	
	6800-02		. . RETAINER, Bolt (Nutt-Shel)	4	
-19	170-22434		. TUBE ASSEMBLY, Elevator torque	1	
-20	AN365-1032		. NUT	2	
-21	AN960C10L		. WASHER	2	
-22	AN509-10-14		. SCREW	18	
-23	AN509-10-13		. SCREW	6	
-24	170-22440		. WEIGHT ASSY, Elevator sta 8.447 to 34.096	1	
-25	170-22441		. WEIGHT ASSY, Elevator sta 37.696 to 70.290	1	
-26	170-22420		. STRIP, Elevator trailing edge	1	

*1 170-22001 is intrch wth 170-22001-51, -61 and -71 on airplanes 51-2850 thru 51-2909 only
*2 Parts marked thus are intrch assemblies and may be used on all F86F airplanes

USEABLE ON CODE: A 51-2850 thru 51-2909

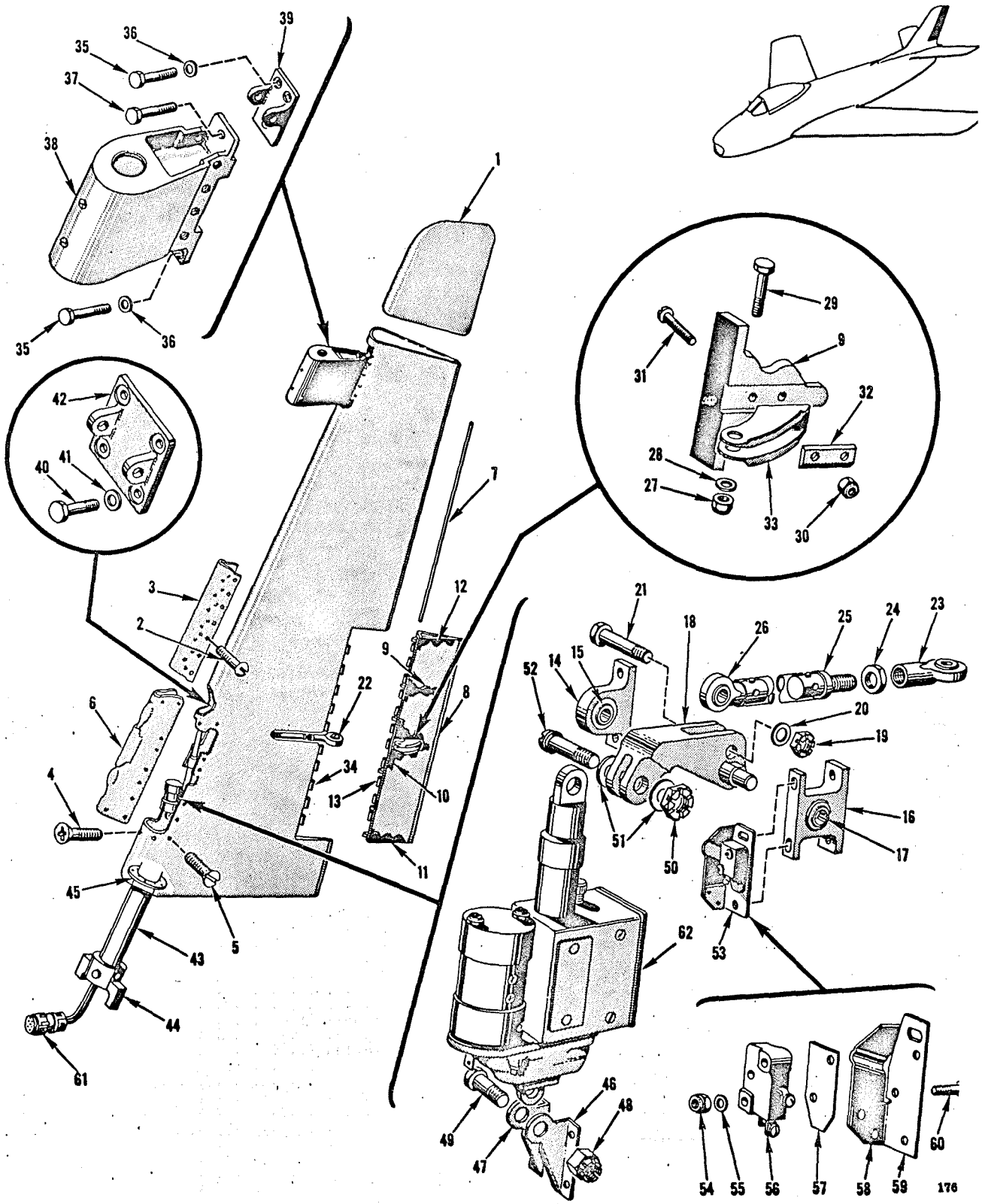


FIGURE 101 - COMPLETE RUDDER ASSEMBLY

TAIL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
101	151-24001	RUDDER ASSEMBLY, Complete (see fig. 96 for next assembly)	Ref	
-1	151-24311	. TIP ASSEMBLY, Rudder	1	
-2	NAS221-8	. SCREW, Brazier head Phillips recess alloy steel 10-32	14	
-3	140-24110	. PADDLE ASSEMBLY, Rudder static balance	1	
-4	21803-8R7	. SCREW, (Parker-Kalon)	1	
-5	AN507-1032R8	. SCREW	20	
-6	140-24100	. DOOR ASSEMBLY, Rudder trim tab actuator access	1	
-7	151-24001-3	. PIN, Rudder trim tab hinge	1	
-8	140-24501	. TAB ASSEMBLY, Rudder trim	1	
-9	151-24507	. . FITTING, Rudder trim tab horn former	1	
-10	151-24508	. . FITTING, Rudder trim tab upper intermediate former	1	
-11	151-24506	. . FITTING, Rudder trim tab lower former	1	
-12	151-24509	. . FITTING, Rudder trim tab upper former	1	
-13	140-24501-7	. . HINGE, Rudder trim tab	1	
-14	172-24518	. BRACKET ASSY, Rudder trim tab bellcrank support RH (use 152-24517-3 untl exh)	1	
-15	AT6P	. . BEARING, (Torrington)	1	
-16	172-24517	. BRACKET ASSY, Rudder trim tab bellcrank support LH (use 152-24517-5 untl exh)	1	
-17	AT6P	. . . BEARING, (Torrington)	1	
-18	172-24516	. FITTING ASSEMBLY, Rudder trim tab bellcrank (use 152-24516 untl exh)	1	
-19	AN320-3	. NUT	1	
-20	AN960-10	. WASHER	1	
-21	NAS53-12	. BOLT, Close tolerance aircraft 10-32	1	
-22	140-24514	. ROD ASSEMBLY, Rudder trim tab push	1	
-23	REB3N-E4630	. . ROD END, (Fafnir)	2	
-24	AN316-4R	. . NUT	1	
-25	1R4-8	. . ROD END, Threaded riveting (North American)	1	
-26	RE3H5E4630	. . ROD END, (Fafnir)	1	
-27	AN310-3	. NUT	1	
-28	AN960D10L	. WASHER	1	
-29	AN173-10	. BOLT	1	
-30	AN365-1032	. NUT	2	
-31	NAS221-15	. SCREW, Brazier head Phillips recess alloy steel 10-32	2	
-32	140-24515	. SHIM, Rudder trim tab horn	1	
-33	140-24504	. HORN, Rudder trim tab	1	
	151-24002	. FRAME ASSEMBLY, Rudder	1	
-34	151-24002-23	. . HINGE, Rudder trim tab	1	
-35	AN3-6A	. . BOLT	2	
-36	2W18-10	. . WASHER	2	
-37	AN3-7A	. . BOLT	1	
	AN365-1032	. . NUT	4	
	2W18-10M	. . WASHER	4	
	AN507-1032R10	. . SCREW	8	
-38	140-24440	. . WEIGHT ASSEMBLY, Rudder balance	1	
-39	73-22015	. . FITTING, Elevator outboard and rudder upper hinge	1	
-40	AN3-6A	. . BOLT	4	
-41	AN960-10	. . WASHER	4	
-42	134-22405	. . FITTING, Elevator and rudder intermediate hinge	1	
-43	151-24402	. . TUBE ASSEMBLY, Rudder torque	1	
-44	161-24404-3	. . . FITTING, Rudder torque tube coupling	1	
-45	151-24121	. . . COLLAR, Rudder torque tube	1	
-46	140-24513-1	. BRACKET, Rudder trim tab actuator support LH	1	
-47	140-24513-2	. BRACKET, Rudder trim tab actuator support RH	1	
	151-54144	. ELECTRICAL EQUIPMENT INSTALLATION, Rudder	NP	
-48	AN310-4	. . NUT	1	
-49	AN4-6	. . BOLT	1	
-50	AN320-4	. . NUT	1	
-51	AN960-416L	. . WASHER	2	
-52	AN24-16	. . BOLT	1	
-53	151-54147	. . SWITCH ASSEMBLY, Rudder trim tab central position indicating	1	
-54	AN365-440	. . . NUT	2	
-55	AN960-4L	. . . WASHER	2	
-56	AN3234-1	. . . SWITCH	1	
-57	152-54208	. . . SHIELD, Electrical switch terminal	1	
	151-54147-3	. . . BRACKET ASSEMBLY, Rudder trim tab ventral position	1	
-58	151-54145	. . . . SPRING, Rudder trim tab neutral position indicating switch mounting	1	
-59	151-54146	. . . . . BRACKET, Rudder trim tab neutral position indicating switch actuating	1	
-60	AN507-440-11	. . . SCREW	2	
-61	AN3106-14S5P	. . PLUG, (rudder trim tab actuator)	1	
	AN3057-6	. . ADAPTER	1	
-62	31296	ACTUATOR ASSY, Rudder trim tab adjusting linear (this part is not supplied wth spare rudder) (Airesearch) (use 27032-4 actuator together wth 12786-3 filter untl exh)	1	

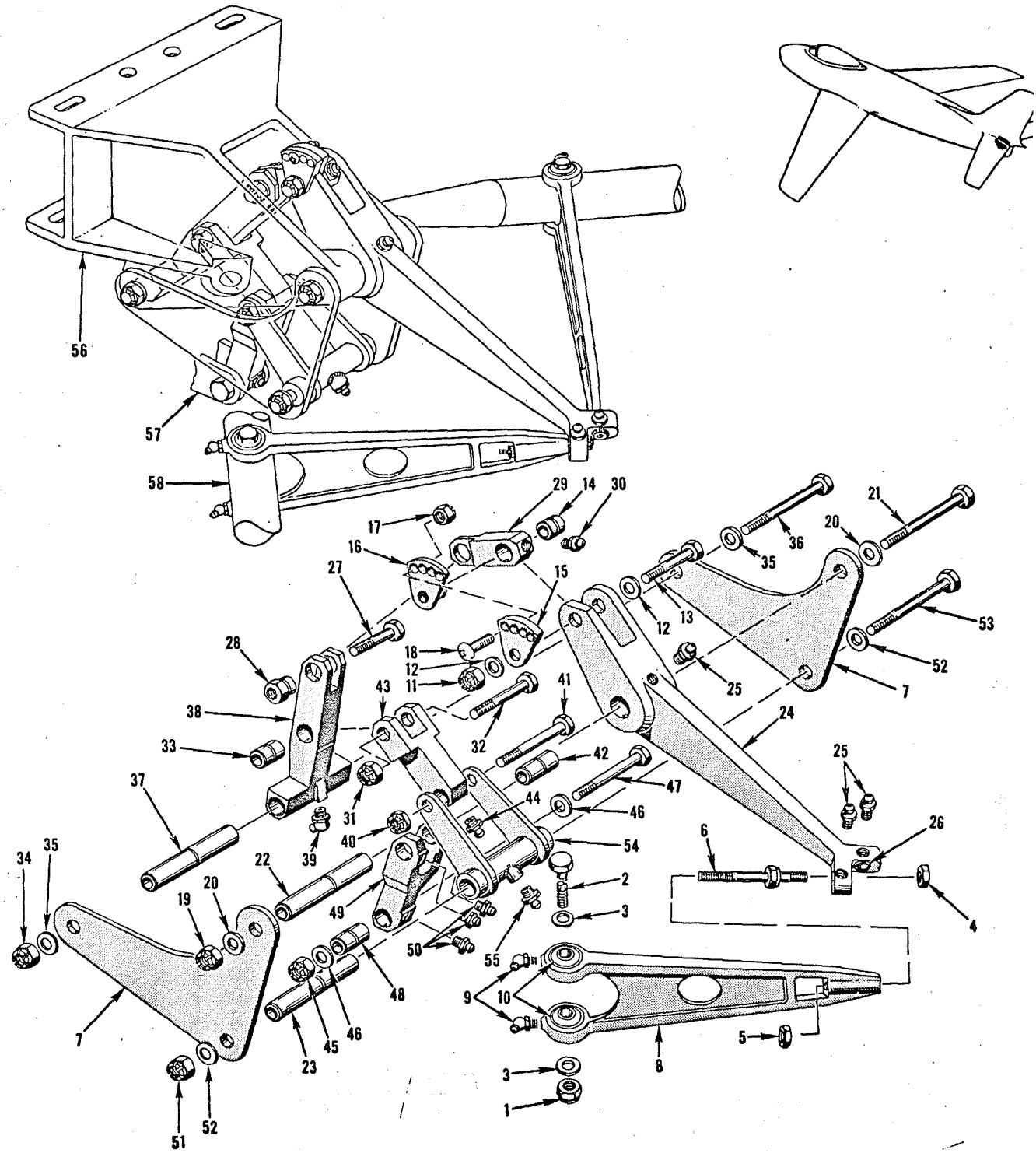


FIGURE 102 - ELEVATOR ACTUATING EQUIPMENT

TAIL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
102	No Number	ELEVATOR ACTUATING EQUIPMENT, (see figure 96 for next assembly)	NP	
-1	AN310-5	. NUT	2	
-2	AN175-31	. BOLT	2	
-3	4B21S5-019	. BUSHING, Spacer (North American)	4	
-4	AN320-4	. NUT	2	
-5	AN320-5	. NUT	2	
-6	170-21435	. SCREW, Elevator control adjustment	4	
-7	170-21440	. PLATE, Elevator control center hinge attaching	2	
-8	170-21433-5	. HORN ASSEMBLY, Elevator control	2	
-9	AN944-201	. . FITTING	2	
-10	4B20S7-006	. . BUSHING, Spacer (North American)	4	
-11	AN310-4	. NUT	1	
-12	AN960D416L	. WASHER	2	
-13	AN174-14	. BOLT	1	
-14	170-21446-9	. BUSHING, Elevator center hinge	2	
-15	170-21450	. PLATE, Hor stab. to elev adjustment lock (whn exh use 170-21450-51)	1	
	170-21450-51	. PLATE, Hor stab. to elev adjustment (use 170-21450 untl exh).	1	
-16	170-21451	. BUSHING, Horizontal stabilizer to elevator adjustment	1	
-17	AN365-832	. NUT	1	
-18	AN515C8R8	. SCREW	1	
-19	AN310-5	. NUT	1	
-20	AN960D516	. WASHER	2	
-21	AN175-32	. BOLT	1	
-22	170-21446-21	. BUSHING, Elevator center section	1	
-23	170-21446-11	. BUSHING, Elevator center section control	1	
-24	170-21434-11	. ARM ASSEMBLY, Elevator control (use 170-21434-5 untl exh)	1	
-25	AN944-101	. . FITTING	3	
-26	LSS4	. . BEARING, Self aligning spher (Heim)(intrch wth Kahr HSB64)	2	
	NAS50-68	. . RING, Internal retainer	2	
-27	AN174H5A	. BOLT	1	
-28	170-21449	. BUSHING, Elevator gearing	1	
-29	170-21445-10	. LINK ASSY, Elevator control arm	1	
-30	AN944-101	. . FITTING	1	
-31	AN310-4	. NUT	1	
-32	AN174-13	. BOLT	1	
-33	170-21446-19	. BUSHING, Elevator center section control	1	
-34	AN310-5	. NUT	1	
-35	AN960D516	. WASHER	2	
-36	AN175-32	. BOLT	1	
-37	170-21446-17	. BUSHING, Elevator center section control	1	
-38	170-21447	. BELLCRANK ASSEMBLY, Horizontal stabilizer center section	1	
-39	AN944-301	. . FITTING	1	
-40	AN320-5	. NUT	1	
-41	NAS464-5-26	. BOLT	1	
-42	170-21446-3	. BUSHING, Elevator center section control	1	
-43	170-21448	. LINK ASSEMBLY, Elevator forward driving	1	
-44	AN944-101	. . FITTING	1	
-45	AN310-5	. NUT	1	
-46	AN960D516	. WASHER	2	
-47	AN175-17	. BOLT	1	
-48	170-21446-13	. BUSHING, Elevator center section control	1	
-49	170-21441	. LINK ASSY, Horizontal stabilizer center hinge section	1	
-50	AN944-201	. . FITTING	3	
-51	AN310-5	. NUT	1	
-52	AN960D516	. WASHER	2	
-53	AN175-32	. BOLT	1	
-54	170-21443	. LINK ASSEMBLY, Elevator aft driving	1	
-55	AN944-101	. . FITTING	1	
-56	170-21422-51	HINGE ASSEMBLY, Elevator control center (refer to figure 97)	Ref	
-57	170-52010	SUPPORT ASSEMBLY, Surface control empennage (refer to fig. 206)	Ref	
-58	170-22434	TUBE ASSEMBLY, Elevator torque (refer to figure 100)	Ref	

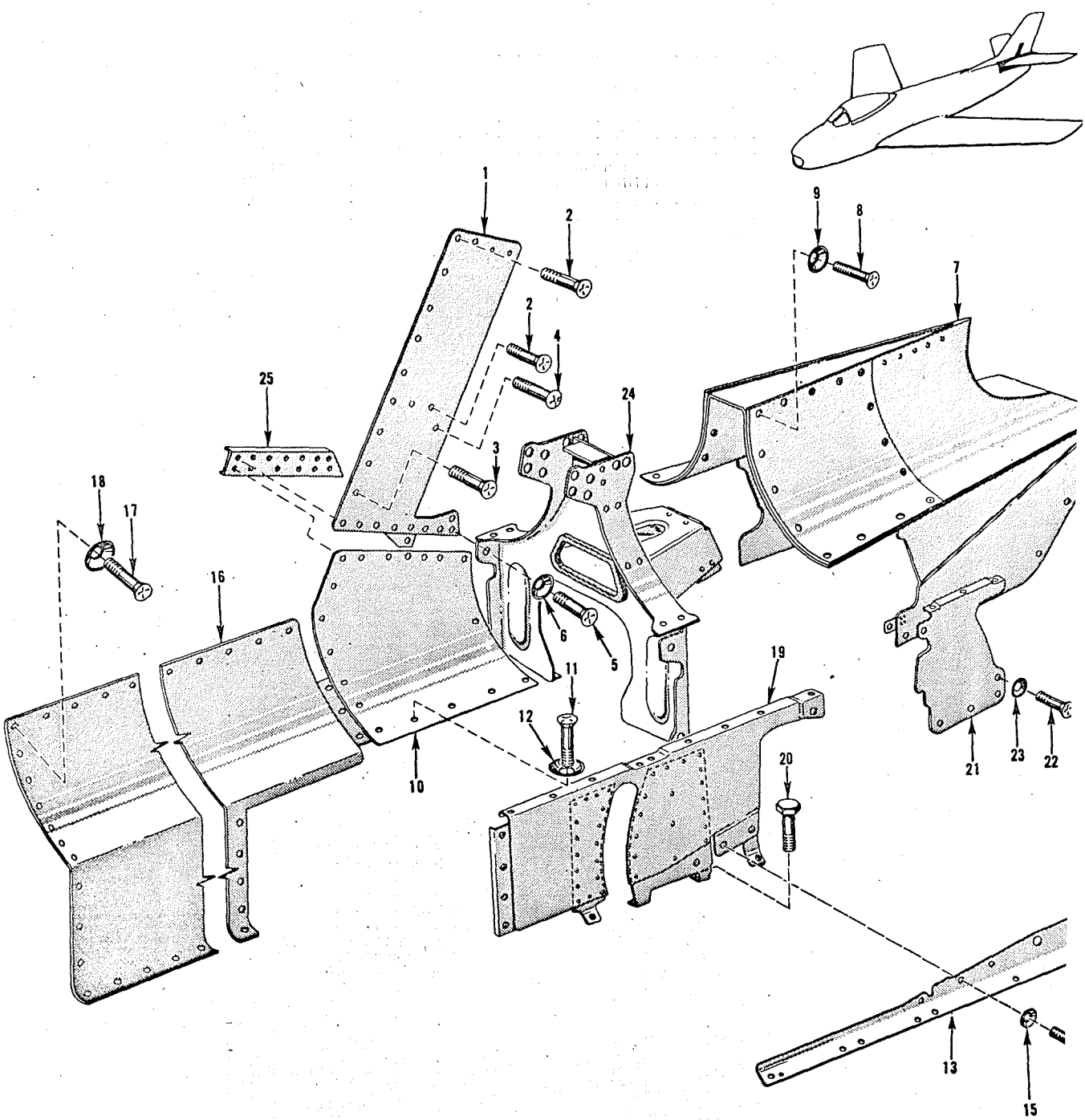
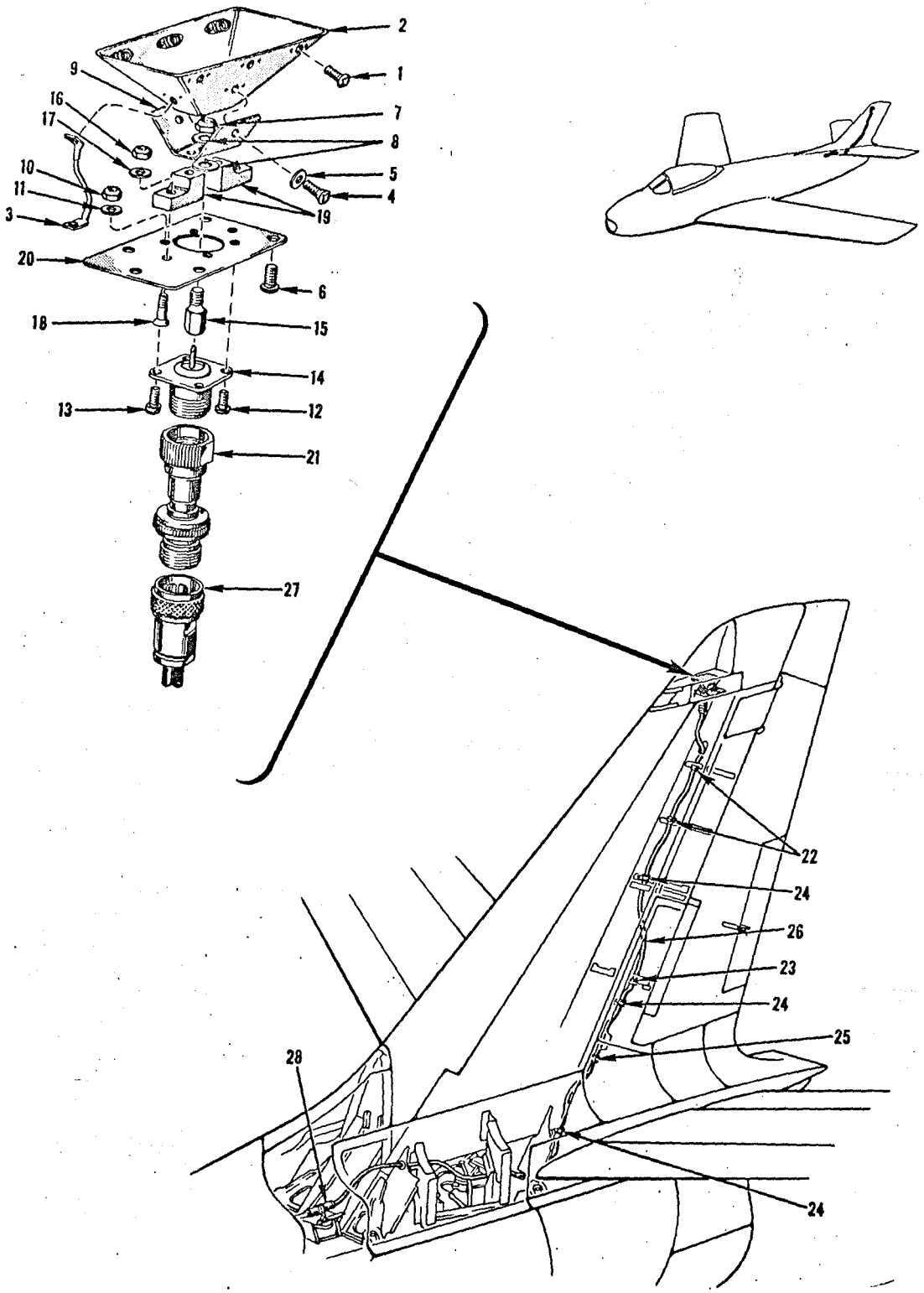


FIGURE 103 - EMPENNAGE FILLETS

TAIL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
103	170-25001		FILLET INSTL, Empennage (see figure 96 for next assembly) . . .	NP	
-1	170-23085-1	.	DOOR ASSEMBLY, Vertical stabilizer actuator access LH	1	
	170-23085-2	.	DOOR ASSEMBLY, Vertical stabilizer actuator access RH	1	A
	170-23085-52	.	DOOR ASSEMBLY, Vertical stabilizer actuator access RH	1	D
	ATTACHING PARTS				
-2	AN509-10R9	.	SCREW	36	
-3	AN509-10R10	.	SCREW	2	
-4	AN520-10R7	.	SCREW	2	
-5	AN509-10R9	.	SCREW	8	
-6	A3235SS020	.	WASHER, (Tinnerman)	8	
	---*---				
-7	170-25026	.	CONE ASSEMBLY, Rudder and elevator fairing	1	
	ATTACHING PARTS				
-8	AN509-10R9	.	SCREW	26	
-9	A3235SS020	.	WASHER, (Tinnerman)	26	
	---*---				
-10	170-25022-51	.	FAIRING ASSY, Fuselage to horizontal stabilizer stub LH . . .	1	
	170-25022-2	.	FAIRING ASSY, Fuselage to horizontal stabilizer stub RH . . .	1	
	ATTACHING PARTS				
-11	AN509-10R9	.	SCREW	40	
-12	A3235SS020	.	WASHER, (Tinnerman)	40	
	---*---				
-13	170-25041-1	.	DOOR, Horizontal stabilizer attaching lower access LH	1	
	170-25041-2	.	DOOR, Horizontal stabilizer attaching lower access RH	1	
	ATTACHING PARTS				
-14	AN509-10R9	.	SCREW	26	
-15	A3235SS020	.	WASHER, (Tinnerman)	26	
	---*---				
-16	170-25021-9	.	FAIRING ASSEMBLY, Vertical stabilizer forward side LH	1	
	170-25021-52	.	FAIRING ASSEMBLY, Vertical stabilizer forward side RH	1	
	ATTACHING PARTS				
-17	AN509-10R9	.	SCREW	76	
-18	A3235SS020	.	WASHER, (Tinnerman)	76	
	---*---				
-19	176-25050-1	.	PANEL ASSEMBLY, Empennage intermediate side LH	1	
	176-25050-2	.	PANEL ASSEMBLY, Empennage intermediate side RH	1	
	ATTACHING PARTS				
-20	AN3-4A	.	BOLT	4	
	---*---				
	170-25044-1	. .	ANGLE, Empennage intermediate side fairing panel fuselage station 396.437 LH	1	
	170-25044-2	. .	ANGLE, Empennage intermediate side fairing panel fuselage station 396.437 RH	1	
-21	170-25027-1	.	PANEL ASSEMBLY, Fuselage station 401 7/16 LH	1	
	170-25027-2	.	PANEL ASSEMBLY, Fuselage station 401 7/16 RH	1	
	ATTACHING PARTS				
-22	AN509-10R9	.	SCREW	10	
-23	A3235SS020	.	WASHER, (Tinnerman)	10	
	---*---				
-24	170-25004-101	.	FRAME ASSEMBLY, Empennage fuselage station 401 7/16 fairing	1	A,B
	170-25004-201	.	FRAME ASSEMBLY, Empennage fuselage station 401 7/16 fairing	1	C
-25	170-25009-1	.	CHANNEL ASSY, Fairing support LH	1	A
	170-25009-2	.	CHANNEL ASSY, Fairing support RH	1	A
	170-25009-51	.	CHANNEL ASSY, Fairing support LH	1	E
	170-25009-52	.	CHANNEL ASSY, Fairing support RH	1	E
	170-25009-101	.	CHANNEL ASSY, Fairing support LH	1	F
	170-25009-102	.	CHANNEL ASSY, Fairing support RH	1	F

USEABLE ON CODE:
A 51-2850 thru 51-12969
B 51-12970 thru 51-13169
C 51-13170 and subs
D 51-12970 and subs
E 51-12970 thru 53-1228
F 55-3816 and subs



F-86F-4

FIGURE 104 - VERTICAL STABILIZER RADIO EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
104	No Number	VERTICAL STABILIZER RADIO EQUIP., (see fig. 98 for next assy)	NP	
-1	AN515-10R8	. SCREW	6	
-2	172-23331	. PYRAMID ASSY, Vertical stabilizer uhf radio antenna use 172-23330 untl exh)	1	
-3	161-71010	. SHUNT ASSEMBLY, Uhf command radio antenna	1	
	6503-1C	. . TERMINAL, (Janco)	1	
	172-71011	. RADIO EQUIPMENT INSTALLATION, Vertical stabilizer	NP	
-4	AN515-8R8	. . SCREW	2	
-5	AN960D8	. . WASHER	2	
-6	AN520-10R8	. . SCREW	5	
	172-71016	. . CONNECTOR ASSY, Uhf radio antenna	1	
-7	AN365-832	. . . NUT	1	
-8	AN960D8	. . . WASHER	2	
-9	172-71015	. . . BASE, Uhf radio antenna	1	
-10	AN365-440	. . . NUT	4	
-11	AN960D4	. . . WASHER	4	
-12	AN515-4R5	. . . SCREW	3	
-13	AN500A4-5	. . . SCREW	1	
-14	UG58/U	. . . RECEPTACLE, (Industrial Products)	1	
-15	172-71010	. . . TERMINAL, Uhf radio antenna	1	
-16	AN365-440	. . . NUT	2	
-17	AN960D4	. . . WASHER	2	
-18	AN507-440R8	. . . SCREW	2	
-19	172-71017	. . . INSULATOR, Uhf radio antenna support	2	
-20	172-71014	. . . PLATE, Uhf radio antenna vertical stabilizer	1	
-21	8051	. . ADAPTER ASSY, Uhf radio antenna matching capacitor (Transco) (North American dwg 172-71013)	1	
-22	AN931-10-14	. . GROMMET	2	
-23	AN931-9-13	. . GROMMET	1	
-24	A3044SF4	. . CLIP,(Tinnerman)	3	
-25	172-71018	. . CLIP, Radio co-axial cable attaching vertical stabilizer	1	
-26	172-71004-8	. . CABLE ASSY, AN/ARC3 radio uhf co-axial (disconnect to antenna) (when exh use 172-71009-8)	1	A
	172-71009-8	. . CABLE ASSY, AN/ARC33 radio uhf co-axial (disconnect to antenna) (use 172-71004-8 untl exh)	1	A
	176-71009-8	. . CABLE ASSY, AN/ARC27 radio uhf co-axial (disconnect to antenna)	1	B
	227-71003-51	. . CABLE ASSY, AN/ARC27 radio uhf co-axial (disconnect to antenna)	1	C
	172-71004-9	. . . CABLE, AN/ARC3 radio uhf co-axial (RG9B/U 123 inches) (used on 172-71004-8 only)	1	A
	172-71009-9	. . . CABLE, AN/ARC33 radio uhf co-axial (RG9/U 123 inches) (used on 172-71009-8 only)	1	A
	176-71009-9	. . . CABLE, AN/ARC27 radio uhf co-axial (RG9/U 123 inches) (used on 176-71009-8 only)	1	B
	227-71003-53	. . . CABLE, AN/ARC27 radio uhf co-axial (RG9B/U 123 inches) (used on 227-71003-51 only)	1	C
-27	UG21C/U	. . . PLUG	1	A,B
	82-312	. . . PLUG, (American Phenolic) (used on 227-71003-51 only)	1	C
-28	UG23C/U	. . . PLUG	1	A,B
	82-313	. . . PLUG, (American Phenolic) (used on 227-71003-51 only)	1	C

USEABLE ON CODE:
A 51-2850 thru 51-13169
B 51-13170 thru 55-3975
C 55-3976 and subs

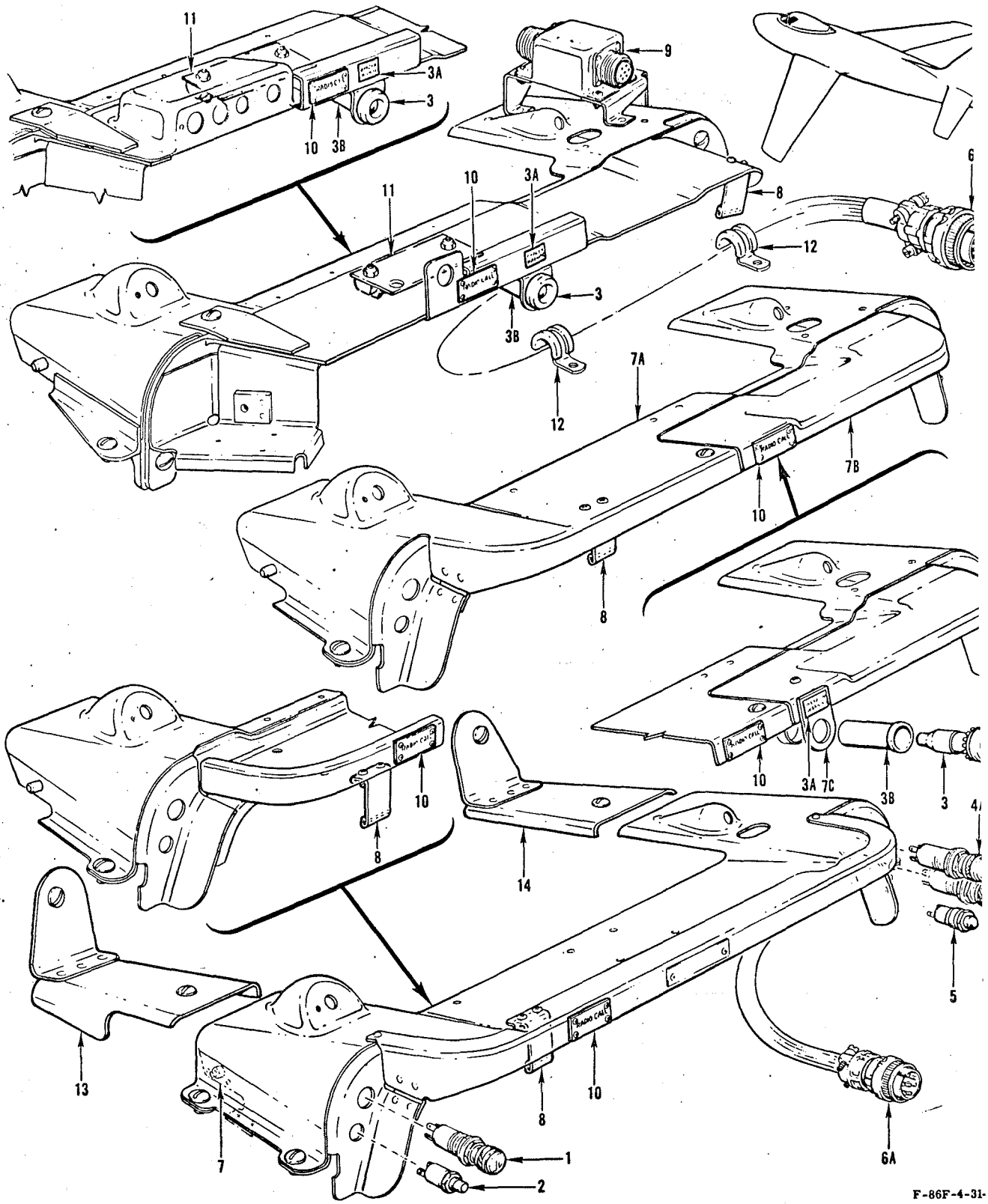


FIGURE 105 - PILOT'S COCKPIT ENCLOSURE INSTRUMENT PANEL SHROUD EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
105	No Number		PILOT'S COCKPIT ENCLOSURE INSTRUMENT PANEL SHROUD EQUIPMENT, (see figure 108 for next assembly)	NP	
	172-31823		. SHROUD ASSY, Cockpit enclosure instrument panel complete.	1	A
	172-31823-10		. SHROUD ASSY, Cockpit enclosure instrument panel complete.	1	B
	172-31823-40	*3	. SHROUD ASSY, Cockpit enclosure instrument panel complete.	1	C
	172-31823-50	*3	. SHROUD ASSY, Cockpit enclosure instrument panel complete.	1	F
	172-31823-60	*3	. SHROUD ASSY, Cockpit enclosure instrument panel complete.	1	G
	191-31824		. SHROUD ASSY, Cockpit enclosure instrument panel complete.	1	E
	191-31824-11		. SHROUD ASSY, Cockpit enclosure instrument panel complete.	1	M
	191-31824-21		. SHROUD ASSY, Cockpit enclosure instrument panel complete.	1	L
	191-31824-31		. SHROUD ASSY, Cockpit enclosure instrument panel complete.	1	Q
-1	AN3157-4	*3	. . LIGHT ASSEMBLY, (fuel filter de-icer).	1	H
	AN3121-313	*3	. . LAMP	1	H
-2	C1006	*3	. . SWITCH, Snap (Hetherington) (fuel filter de-icer).	1	H
-3	T1270	*2	. . LIGHT ASSEMBLY, Oxygen want warning (Master Specialties)	1	E,F,G M,L
-3A	191-51115	*2	. . DECAL, Oxygen warning light.	1	C,F,G
-3B	AN3420-16A	*2	. . BUSHING.	1	C,F,G
-4	AN3157-6		. . LIGHT ASSEMBLY, (fire system).	1	H
	AN3121-313		. . LAMP	1	H
-4A	AN3157-6		. . LIGHT ASSEMBLY, (fire warning)	1	H
	AN3157-4		. . LIGHT ASSEMBLY, (fuel filter de-icer).	1	P
	AN3121-313		. . LAMP	1	H,P
-5	138187	*4	. . SWITCH, Snap (Ucinite) (fire system test).	1	H
	C1006	*3	. . SWITCH, Snap (Hetherington) (fuel filter de-icer).	1	E,P
-6	AN3106B20-27P		. . PLUG, (fire system).	1	D
	AN3057-12A		. . ADAPTER.	1	D
	AN3106B28-15P		. . PLUG	1	E
	AN3057-16A		. . ADAPTER.	1	E
-6A	AN3106B16S1P	*3	. . PLUG, (shroud disconnect).	1	P
	AN3057-8	*3	. . ADAPTER.	1	P
-7	172-931822		. . SHROUD ASSY, Pilot's cockpit enclosure instrument.	1	A,*1
	172-31822-20		. . SHROUD ASSY, Pilot's cockpit enclosure instrument.	1	B
-7A	191-31822		. . SHROUD ASSY, Pilot's cockpit enclosure instrument panel. (use 176-31822 until exh) (176-31822 is not OK for replacement if the N9 camera is to be installed)	1	J
	191-31822-20		. . SHROUD ASSY, Pilot's cockpit enclosure instrument panel.	1	K
-7B	191-31821		. . . DOOR ASSY, Pilot's cockpit encl instrument shroud	1	J
	191-31821-10		. . . DOOR ASSY, Pilot's cockpit encl instrument shroud	1	K
	191-31821-15		. . . . DOOR SUB-ASSY, Pilot's cockpit enclosure instrument. shroud door	1	J,K
-7C	191-54408	*2	. . . . BRACKET, Elec oxy warning light mounting	1	C,F,G
	191-31825		. . VISOR ASSY, Cockpit enclosure instrument panel shroud.	1	E,M
	191-31825-21		. . VISOR ASSY, Cockpit enclosure instrument panel shroud.	1	L,R
	191-31825-31		. . VISOR ASSY, Cockpit enclosure instrument panel	1	S
	191-31828		. . . COVER, Cockpit enclosure instrument panel visor low altitude bomb system switch	1	
	191-31827-11		. . . BRACKET ASSY, Cockpit enclosure instrument panel. shroud visor pip control	1	E,M
	191-31826		. . SHROUD ASSY, Pilot's cockpit enclosure instrument panel.	1	E
	191-31826-11		. . SHROUD ASSY, Pilot's cockpit enclosure	1	L,M,Q
-8	151-73323-3		. . TAB, Oxygen hose clamp	1	D
	151-73323-5		. . TAB, Oxygen hose clamp	1	L,M,Q
-9	C473		. . FILTER, Radio noise (Potter) (GFAE) (N9 camera).	1	L,M,Q
-10	5P36		. . PLATE, Radio call name (use 5P9 until exh).	1	
	PK74XZ2-4		. . . SCREW, (Parker-Kalon)	4	D
	AN530-2R3		. . . SCREW	4	E,M
-11	6-164	*3	. TERMINAL STRIP ASSEMBLY, (Jones, Howard B.)	1	E,L,M
-12	191-71046		. CLAMP, Radar wire bundle.	2	E,L,M,Q
-13	172-31824-1		. SHROUD ASSY, Pilot's cockpit enclosure instrument panel forward section LH	1	A
-14	172-31824-2		. SHROUD ASSY, Pilot's cockpit enclosure instrument panel forward section RH	1	A

*1 Rework per T.O. 1F-86-116.
*2 Refer to T.O. 1F-86F-37.
*3 Refer to T.O. 1F-86F-34, (see fig. 329 for mod equip.).
*4 See fig. 185C for location on airplanes modified per T.O. 1F-86F-532.

USEABLE ON CODE:

A 51-2850 thru 51-2943
B 51-12936 thru 51-12976
C 51-13070 thru 52-4954, 52-5272 thru 52-5386
D 51-2850 thru 52-5163, 52-5272 thru 52-5530
E 52-5164 thru 52-5213
F 52-4955 thru 52-5063
G 52-5307 thru 52-5530, 52-5064 thru 52-5163
H 51-2850 thru 51-13169
J 51-13070 thru 51-13510, 52-4305 thru 52-4656
K 52-4657 thru 52-5271, 52-5387 and subs
L 55-3816 thru 55-3875
M 52-5214 thru 52-5271, 53-1072 thru 53-1228
P 51-13170 thru 51-13510, 52-4305 thru 52-5163, 52-5272 thru 52-5530
Q 55-3876 and subs
R 55-3876 thru 53-4986
S 55-4987 and subs

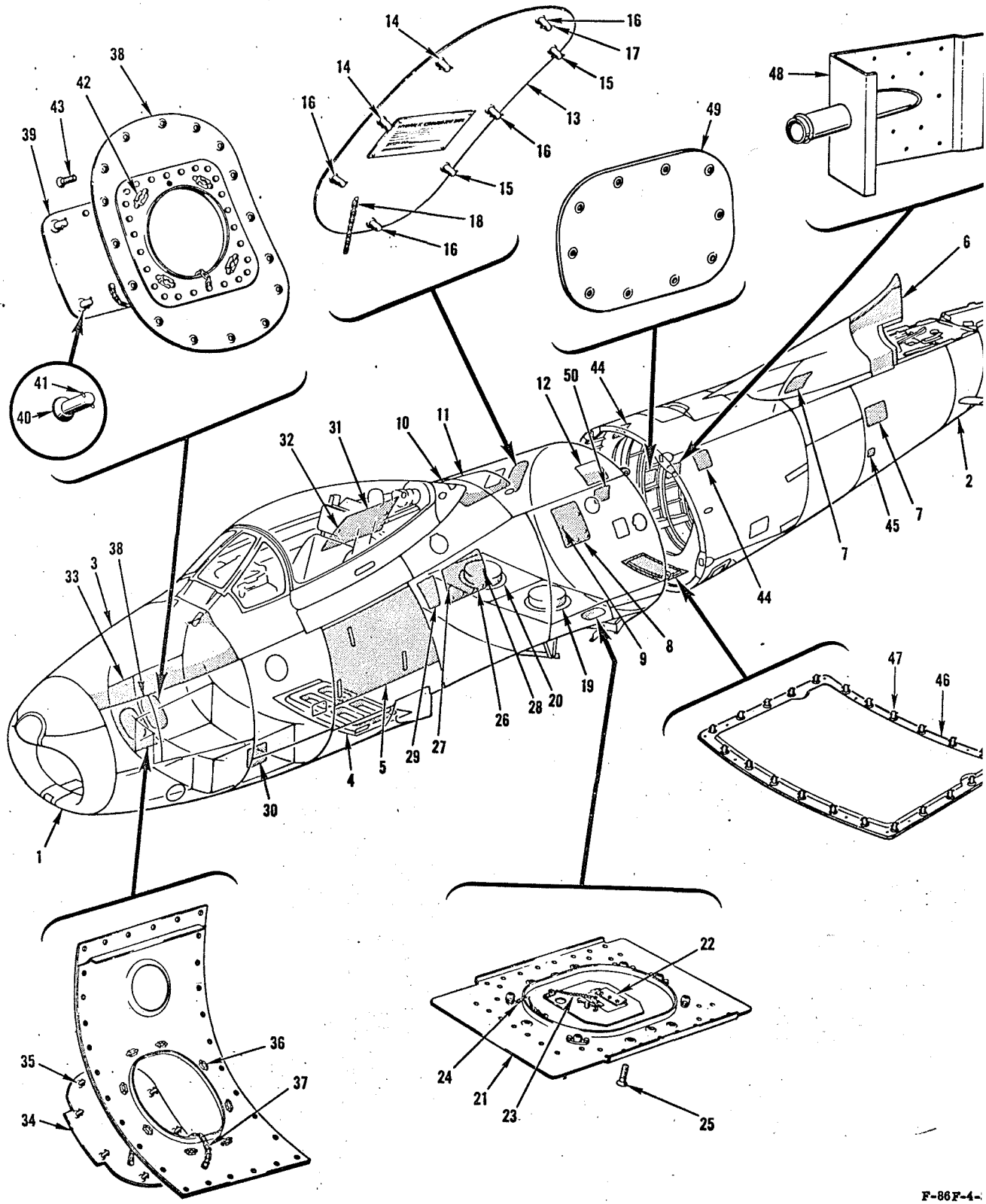


FIGURE 106 - COMPLETE COVERED FUSELAGE ASSEMBLY

FIGURE & INDEX. NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
106	170-31001	COVERED INSTALLATION, Fuselage complete	NP	A
	170-31001-10	COVERED INSTALLATION, Fuselage complete	NP	B
	170-31001-20	COVERED INSTALLATION, Fuselage complete	NP	C
-1	170-31601	. FUSELAGE ASSEMBLY, Front section (see figure 108 for breakdown and attaching parts)	1	
	191-31601	. FUSELAGE ASSEMBLY, Front section (see figure 108 for breakdown and attaching parts)	1	
-2	170-31602	. FUSELAGE ASSEMBLY, Rear section (see figure 108 for breakdown and attaching parts)	Ref	
-3	172-31004	. DOOR ASSY, Fus sta 15 to 53.5 upper equip, access (when exh use 172-31004-120,-130, or -141) (see fig. 109 for bkdn)	1	
	172-31004-120	. DOOR ASSY, Fus sta 15 to 53.5 upper equip. access (when exh use 172-31004, -130, or -141) (see fig. 109 for bkdn)	1	
	172-31004-130	. DOOR ASSY, Fus sta 15 to 53.5 upper equip. access (when exh use 172-31004, -120, or -141) (see fig. 109 for bkdn)	1	
	172-31004-141	. DOOR ASSY, Fus sta 15 to 53.5 upper equip. access (use 172-31004, -120 or -130 until exh) (see fig. 109 for bkdn)	1	
-4	151-31020	. DOOR INSTL, Fus sta 109 to 125 3/4 lower radio compartment access (see fig. 110 for breakdown)	NP	A,
	191-31020	. DOOR INSTL, Fus sta 109 to 125 3/4 lower radio compartment access (see fig. 111 for breakdown)	NP	E
	191-31020-10	. DOOR INSTL, Fus sta 109 to 125 3/4 lower radio compartment access (see fig. 111 for breakdown)	NP	F,
-5	151-31006-101	. DOOR ASSY, Gun bay access LH (see figure 146 for breakdown)	1	H
	151-31006-102	. DOOR ASSY, Gun bay access RH (see figure 146 for breakdown)	1	H
	227-31006-1	. DOOR ASSY, Fus sta 84.5 to canted sta 126.419 gun bay access LH (see figure 147 for breakdown)	1	G
	227-31006-2	. DOOR ASSY, Fus sta 84.5 to canted sta 126.419 gun bay access RH (see figure 147 for breakdown)	1	G
-6	170-31380	. DOOR ASSY, Dorsal fin access	1	
	AN509-10R9	. SCREW	66	
	3255SS020	. WASHER, (Tinnerman)	38	
-7	170-31320-1	. DOOR, Fuselage sta 327 to 340 hydraulic access LH	1	
	170-31320-2	. DOOR, Fuselage sta 327 to 340 hydraulic access RH	1	
	AN509-10R7	. SCREW	48	
-8	176-31010-1	. DOOR ASSY, Fus sta 190.093 fus sta 204-5 engine access LH	1	
	176-31010-2	. DOOR ASSY, Fus sta 190.093 fus sta 204-5 engine access RH	1	
-9	99834-3-.300	. . STUD, (LH side) (United-Carr) (2 only used on RH door)	3	
	99836	. . PIN, (LH side) (United-Carr) (2 only used on LH door)	3	
-10	172-31053	. DOOR ASSY, Fus sta 166.875 to 178 upper access	1	
	AN509-10R10	. SCREW	30	
-11	172-31054	. DOOR ASSY, Upper fuselage station 178 to 190.093	1	
	AN509-10R9	. SCREW	24	
-12	151-31025-1	. DOOR ASSY, Fus sta 215.12 to 225.75 upper access LH	1	
	151-31025-2	. DOOR ASSY, Fus sta 215.12 to 225.75 upper access RH	1	
-13	170-31059-10	. DOOR ASSY, Fus sta 229.75 hyd external power access RH	1	
-14	98264-3-.300	. . STUD, (United-Carr)	2	
-15	98265-4-.390	. . STUD, (United-Carr)	2	
-16	98265-2-.180	. . STUD, (United-Carr)	4	
-17	99836	. . PIN, (United-Carr)	8	
-18	9C1-3-5	. . CHAIN, (North American)	1	
-19	176-31278	. COVER ASSY, Fus sta 193 wheel well LH	1	
	176-31277	. . COVER, Fuselage station 193 wheel well flexible	1	
-20	172-31273-50	. COVER ASSY, Fus sta 193 wheel well RH (use 172-31273-22 until exh)	1	
	176-31274	. . COVER, Fus sta 193 wheel well flex.	1	
-21	151-48084-13	. DOOR ASSY, Rear fuselage fuel cell booster pump access	1	
-22	151-48084-3	. . DOOR, Rear fuselage fuel cell booster pump access	1	
-23	9C1-3-4	. . CHAIN, (North American)	1	
-24	9C1-1-5	. . CHAIN, (North American)	1	
-25	AN509-8R6	. SCREW	10	
-26	151-31009	. DOOR ASSY, Fuselage sta 133.5 to 155.75 side access LH	1	
-27	99834-3-.340	. . STUD, (United-Carr)	1	
-28	99834-3-.280	. . STUD, (United-Carr)	1	
	99836	. . PIN, (United-Carr)	2	
-29	170-31060	. DOOR, Fuselage sta 126.419 to 133.5 LH actuator access	1	
	AN509-10R11	. SCREW	21	
	AN509-10R12	. SCREW	13	
-30	161-31051	. DOOR, Fus sta 67.760 LH wheel well beam C1 flasher access	1	
	NAS221-8	. SCREW	20	
-31	151-31017	. DOOR ASSY, Fus sta 144.625 to 166.875 side access RH	1	
-32	99834-3-.280	. . STUD, (United-Carr)	2	
	99836	. . PIN, (United-Carr)	2	
-33	172-31006	. PANEL ASSY, Fus sta 58.062 gun charger compressor access	1	
-34	172-31006-5	. . DOOR ASSY, Gun charger compressor access	1	
-35	98265-1-.110	. . . STUD, (United-Carr)	8	
	99836	. . . PIN, (United-Carr)	8	
-36	99833C.130	. . RECEPTACLE, (United-Carr)	8	
-37	9C1-2-7	. . CHAIN, (North American)	1	
-38	170-31026	. DOOR ASSY, Fus sta 67.1875 gun charger air bottle access	1	
-39	170-31026-5	. . DOOR, Gun charger air bottle access	1	

(Nomenclature continued on next page)

FIGURE & INDEX NUMBER	PART NUMBER		1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE COD
106-40	98265-1-.120			.	.					STUD, (United-Carr)	4	
-41	99836			.	.					PIN, (United-Carr)	4	
-42	99947C.130			.	.					RECEPTACLE, (United-Carr)	4	
-43	AN509-10R8			.						SCREW	16	
-44	151-31591			.						COVER ASSY, Fuselage sta 248.75 spark plug access	2	
-45	170-31322-1			.						DOOR ASSY, Fuselage sta 329 to 333 hydraulic access LH	1	
	170-31322-2			.						DOOR ASSY, Fuselage sta 329 to 333 hydraulic access RH	1	
-46	202-31302	*1		.						DOOR, Fus sta 244.75 to 262.75 aft radio compartment, assy of	1	
-47	98265-2-.200	*1		.	.					STUD, (United-Carr)	22	
	99836	*1		.	.					PIN, (United-Carr)	22	
-48	202-53368	*1		.						SCOOP, Heat & vent sys ram air intake bleed, assy of	1	
-49	202-31344	*1		.						DOOR, fus sta 274.5 to fus sta 286.5 access	1	
	AN507-10R6	*1		.						SCREW	10	
-50	202-31334	*1		.						DOOR, Fus sta 244.750 to fus sta 253.500 access	1	
	AN509-10R8	*1		.						SCREW	12	

*1 Used on airplanes modified per T.O. 1F-86F-532.

USEABLE ON CODE:

A 51-2850 thru 51-13069
B 51-13070 thru 13510, 52-5272 thru 52-5386, 52-5387 thru 52-5530
C 52-4305 thru 52-4904, 52-4905 thru 52-5271, 53-1072 thru 53-1228, 55-3816 and subs
D 51-13070 thru 51-13129 51-13130 thru 51-13169
E 52-5272 thru 52-5386, 51-13170 thru 51-13510
F 52-5387 thru 52-5530, 52-4905 thru 52-5271
G 55-3816 and subs
H 51-2850 thru 51-294 51-12936 thru 51-13 52-4305 thru 52-490 52-4905 thru 52-527 53-1072 thru 53-122

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FUSELAGE (Cont)

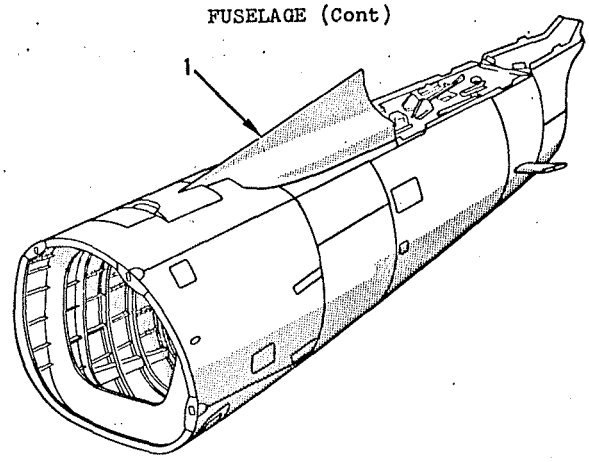


FIGURE 107 - REAR SECTION SPARE FUSELAGE ASSEMBLY (USEABLE ON 51-2890 THRU 51-12976)

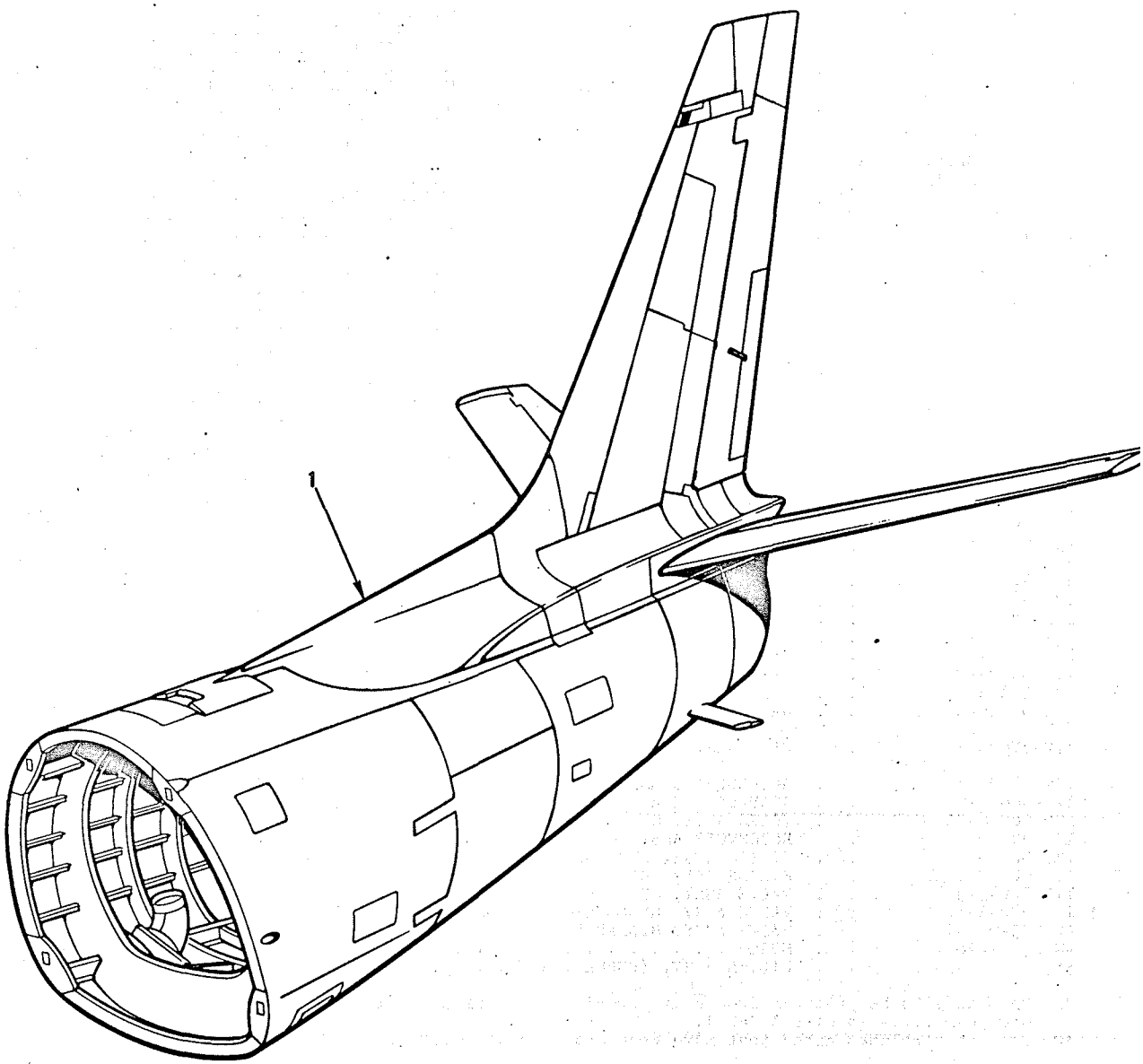
FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEA C
107		REAR SECTION SPARE FUSELAGE ASSEMBLY		
-1	170-31902-51	. FUSELAGE ASSY, REAR SECTION SPARE	1	A
	170-31902-61	. FUSELAGE ASSY, REAR SECTION SPARE	1	B
	151-31331-120	. . FRAME ASSY, AFT FUSELAGE (SEE FIGURE 159)	1	A
	191-31331	. . FRAME ASSY, AFT FUSELAGE (SEE FIGURE 159) . . . . . (USE 151-191-31331-130 UNTL EXH)	1	B
	170-54131	. . ELECTRICAL EQUIP. INSTL, FUS REAR SECT. (SEE FIGURE 325) .	1	A
	176-54131	. . ELECTRICAL EQUIP. INSTL, FUS REAR SECT. (SEE FIGURE 325) .	1	A
	172-58062	. . HYDRAULIC EQUIP INSTL, AFT FUSELAGE (SEE FIGURE 262) . . .	1	A
	170-71001	. . RADIO EQUIP. INSTL, FUSELAGE COMPLETE . . . . . (SEE FIGURE 337, 338, and 340)	1	A
	170-52032	. . SURFACE CONTROL INSTL, FUSELAGE AFT (SEE FIGURE 202) . . .	1	A
	176-52032	. . SURFACE CONTROL INSTL, FUSELAGE AFT (SEE FIGURE 202) . . .	1	B
	171-53103	. . CASE ASSEMBLY, AIRPLANE DATA (SEE FIGURE 363)	1	A
	170-31380	. . DOOR ASSEMBLY, DORSAL FIN ACCESS (SEE FIGURE 106)	1	A
	151-31591	. . COVER ASSY, FUS STA 248.75 SPARK PLUG ACCESS . . . . . (SEE FIGURE 106)	2	A
	170-31320-1	. . DOOR, FUS STA 327 TO 340 HYD ACCESS LH (SEE FIGURE 106) . .	1	A
	170-31320-2	. . DOOR, FUS STA 327 TO 340 HYD ACCESS RH (SEE FIGURE 106) . .	1	A
	151-48082	. . ADAPTER, FUEL VENT LINE FUS BREAK AFT (SEE FIGURE 450) . .	1	A
	151-48089	. . RETAINER ASSY, FUEL VENT LINE STA 244.75 SEAL . . . . . (SEE FIGURE 450)	1	A
	151-48845	. . LINE ASSY, MAIN FUEL VENT FORWARD FUSELAGE CELL TO . . . . OUTLET FOURTH SECTION (SEE FIGURE 450)	1	A
	151-48856	. . LINE ASSY, MAIN FUEL VENT FORWARD FUSELAGE TO OUTLET . . . FIFTH SECTION (SEE FIGURE 450)	1	A
	172-31020-1	. . DOOR ASSY, FUSELAGE STATION 333.5 HYDRAULIC GROUND . . . . DISCONNECT ACCESS LH (SEE FIGURE 160)	1	A
	172-31020-2	. . DOOR ASSY, FUSELAGE STATION 333.5 HYDRAULIC GROUND . . . . DISCONNECT ACCESS RH (SEE FIGURE 160)	1	A
	172-48831-27	. . LINE ASSY, FORWARD FUSELAGE CELL TO MAIN FUEL VENT STA . . 286.5 TO 373 (SEE FIGURE 450)	1	A
	172-52051-7	. . CABLE, SURF. CONTROL MANUAL EMERGENCY CHANGE-OVER . . . . . (SEE FIGURE 211)	1	A
	172-52051-21	. . CABLE, SURF. CONTROL MANUAL EMERGENCY CHANGE-OVER . . . . . (SEE FIGURE 211)	1	B
	172-52052-103	. . CONDUIT ASSY, SURF. CONTROL MANUAL EMER CHANGE-OVER CABLE . (SEE FIGURE 211)	1	A
	172-52052-105	. . CONDUIT ASSY, SURFACE CONTROL MANUAL EMERGENCY . . . . . CHANGE-OVER CABLE (SEE FIGURE 211)	1	A
	172-52052-115	. . CONDUIT ASSY, SURFACE CONTROL MANUAL EMERGENCY . . . . . CHANGE-OVER CABLE (SEE FIGURE 211)	1	B
	172-52052-157	. . CONDUIT ASSY, SURFACE CONTROL MANUAL EMERGENCY . . . . . CHANGE-OVER CABLE (SEE FIGURE 211)	1	C
	172-52052-125	. . CONDUIT ASSY, SURFACE CONTROL MANUAL EMERGENCY . . . . . CHANGE-OVER CABLE (SEE FIGURE 211)	1	D
	172-52052-159	. . CONDUIT ASSY, SURFACE CONTROL MANUAL EMERGENCY . . . . . CHANGE-OVER CABLE (SEE FIGURE 211)	1	E
	172-52068	. . BELLCRANK ASSY, SURFACE CONTROL MANUAL EMERGENCY . . . . . CHANGE-OVER CABLE (SEE FIGURE 212)	1	A
	172-52080	. . ROD ASSY, SURFACE CONTROL MANUAL EMERGENCY CHANGE-OVER . . SWITCH OPERATING (SEE FIGURE 212)	1	A
	172-52081	. . BELLCRANK, SURFACE CONTROL MANUAL EMERGENCY CHANGE-OVER . . SWITCH ACTUATING (SEE FIGURE 212)	1	A
	172-520165	. . CAM, SURF. CONTROL MANUAL EMER CHANGE-OVER (SEE FIG. 210) .	1	A

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
107	172-52091	.	.						CLEVIS, SURFACE CONTROL MANUAL EMERGENCY CHANGE-OVER CAM (SEE FIGURE 211)	1	A,B
	172-54712-3	.	.						SWITCH ASSY, ELEC POWER CONTROL MANUAL CONTROL OVER-RIDE (SEE FIGURE 212)	1	A
	172-54712-15	.	.						SWITCH ASSY, ELEC POWER CONTROL MANUAL CONTROL OVER-RIDE (SEE FIGURE 212)	1	B
	A6602	.	.						CONNECTOR, (TELEFLEX) (SEE FIGURE 211)	2	A,B
	C6334-11	.	.						UNIT, TELESCOPIC (TELEFLEX) (SEE FIGURE 211)	4	A
	C6691	.	.						CONNECTOR, (TELEFLEX) (SEE FIGURE 211)	1	A,B
	C6334-20	.	.						TELESCOPIC UNIT, (TELEFLEX) (SEE FIGURE 211)	1	B
	C6808-3	.	.						CONTROL BOX, (TELEFLEX) (SEE FIGURE 212)	1	A,B
	RE3F4	.	.						ROD END, (FAFNIR) (SEE FIGURE 211)	1	A,B
	202-71005	.	.						BRACKET, RADIO ANTENNA CABLE QUICK DISC. AFT (SEE FIG. 337)	1	A,B,*2
	202-71006	.	.						CONNECTOR ASSY, RADIO ANTENNA CABLE QUICK DISC. (SEE FIGURE 337)	1	A,B,*2
	5C12	.	.						CLAMP, CABLE CONNECTOR (NORTH AMERICAN) (SEE FIGURE 337)	2	A,B,*2
	COMPLETE EXCEPT FOR THE FOLLOWING PARTS:										
	AN6292-8-19 1/2	.	.						HOSE	2	A,B
	170-58656-5	.	.						FILTER ASSY, HYDRAULIC POWER CONTROL 6 TUBE SIZE	1	A,B
	AN6249-6	.	.						VALVE ASSY, HYDRAULIC CHECK	1	A,B
	150S1-6	.	.						COUPLING, (AEROQUIP)	4	A,B
	105S1-8	.	.						COUPLING, (AEROQUIP)	2	A,B
	155-25-8	.	.						NUT, COUPLING (AEROQUIP)	6	A,B
	155S11-6	.	.						COUPLING, (AEROQUIP)	2	A,B
	151-52429	.	.						CABLE ASSY, RUDDER CONTROL AFT	2	A,B
	AN210-5B	.	.						PULLEY	2	A,B
	AN6-16A	.	.						BOLT	2	A,B
	AN960D616	.	.						WASHER	2	A,B
	AN365-624	.	.						NUT	2	A,B
	AN6249-6	.	.						VALVE ASSEMBLY, HYDRAULIC CHECK	2	A,B
	3H3-4-12 3/4	.	.						HOSE ASSEMBLY, (NORTH AMERICAN)	2	A,B
	3H3-4-13	.	.						HOSE ASSEMBLY, (NORTH AMERICAN)	2	A,B
	176-52220	.	.						BUNGEE ASSY, HOR STAB. CONTROL ARTIFICIAL FEEL AT SURFACE	1	B
	29656-6	.	.						ACTUATOR ASSY, LINEAR (AIRESEARCH) (INTERCHANGEABLE WITH HOOVER PART NO. D1410)	1	B
	151-58644-1	.	.						CYLINDER ASSY, HYDRAULIC DIVE BRAKE OPERATING COMPLETE LH	1	A,B
	151-58644-9	.	.						CYLINDER ASSY, HYDRAULIC DIVE BRAKE OPERATING COMPLETE RH	1	A,B
	3H3-6-21 1/2	.	.						HOSE, (NORTH AMERICAN)	2	A,B,*1
	3H3-6-22 1/2	.	.						HOSE, (NORTH AMERICAN)	2	A,B,*1
	3H3-6-19 1/2	.	.						HOSE, (NORTH AMERICAN)	4	A,B,*1
	172-58601	.	.						PUMP ASSY, HYDRAULIC EMER POWER CONTROL COMPLETE	1	A,B
	172-58610	.	.						COMPENSATOR ASSY, HYDRAULIC POWER CONTROL COMPLETE	2	A,B
	172-58624-3	.	.						SWITCH ASSY, HYDRAULIC EMER POWER CONTROL PRESS. COMPLETE	1	A,B
	172-58624-5	.	.						SWITCH ASSY, HYDRAULIC EMER POWER CONTROL PRESS. COMPLETE	1	A,B
	172-58624-9	.	.						SWITCH ASSY, HYDRAULIC EMER POWER CONTROL PRESS. COMPLETE	1	A,B
	172-58625-3	.	.						VALVE ASSY, HYD EMER POWER CONTROL SHUT-OFF COMPLETE	1	A,B
	172-58626-3	.	.						GAGE ASSY, HYDRAULIC EMERGENCY POWER CONTROL ACCUMULATOR AIR GAGE COMPLETE (FORWARD)	1	A,B
	172-58626-5	.	.						GAGE ASSY, HYDRAULIC EMERGENCY POWER CONTROL ACCUMULATOR AIR GAGE COMPLETE (AFT)	1	A,B
	172-58627-3	.	.						ACCUMULATOR ASSY, HYD EMER POWER CONTROL SELF DISPLACING	1	A,B
	172-58627-5	.	.						ACCUMULATOR ASSY, HYD EMER POWER CONTROL SELF DISPLACING	1	A,B
	172-58628-3	.	.						VALVE ASSY, HYD ALTERNATE FLIGHT CONTROL RELIEF COMPLETE	1	A,B
	172-58629	.	.						RESERVOIR ASSY, HYDRAULIC EMER POWER CONTROL COMPLETE	1	A,B
	172-58630	.	.						FILTER ASSY, HYDRAULIC EMERGENCY POWER CONTROL COMPLETE	1	A,B
	172-58637	.	.						FILTER ASSY, HYDRAULIC EMERGENCY POWER CONTROL COMPLETE	1	A,B
	172-58643-3	.	.						VALVE ASSY, HYDRAULIC ACCUMULATOR FLOW	1	A,B
	172-58643-5	.	.						VALVE ASSY, HYDRAULIC ACCUMULATOR FLOW	1	A,B
	AN6249-6	.	.						VALVE ASSY, HYDRAULIC CHECK	5	A,B
	AN6271-4-18	.	.						HOSE	1	A,B
	38390	.	.						FILTER ASSY, (PUROLATOR)	2	A,B

*1 Hose assy to be procured from only Goodrich identified .- (1 dot 1 dash) or Goodyear ....- (4 dots 1 dash).
*2 Used on airplanes noted that have been modified per T. O. 1F-86-219.

USEABLE ON CODE: A 51-2850 thru 51-12969 B 51-12970 thru 51-12976



F-86F-4-31.

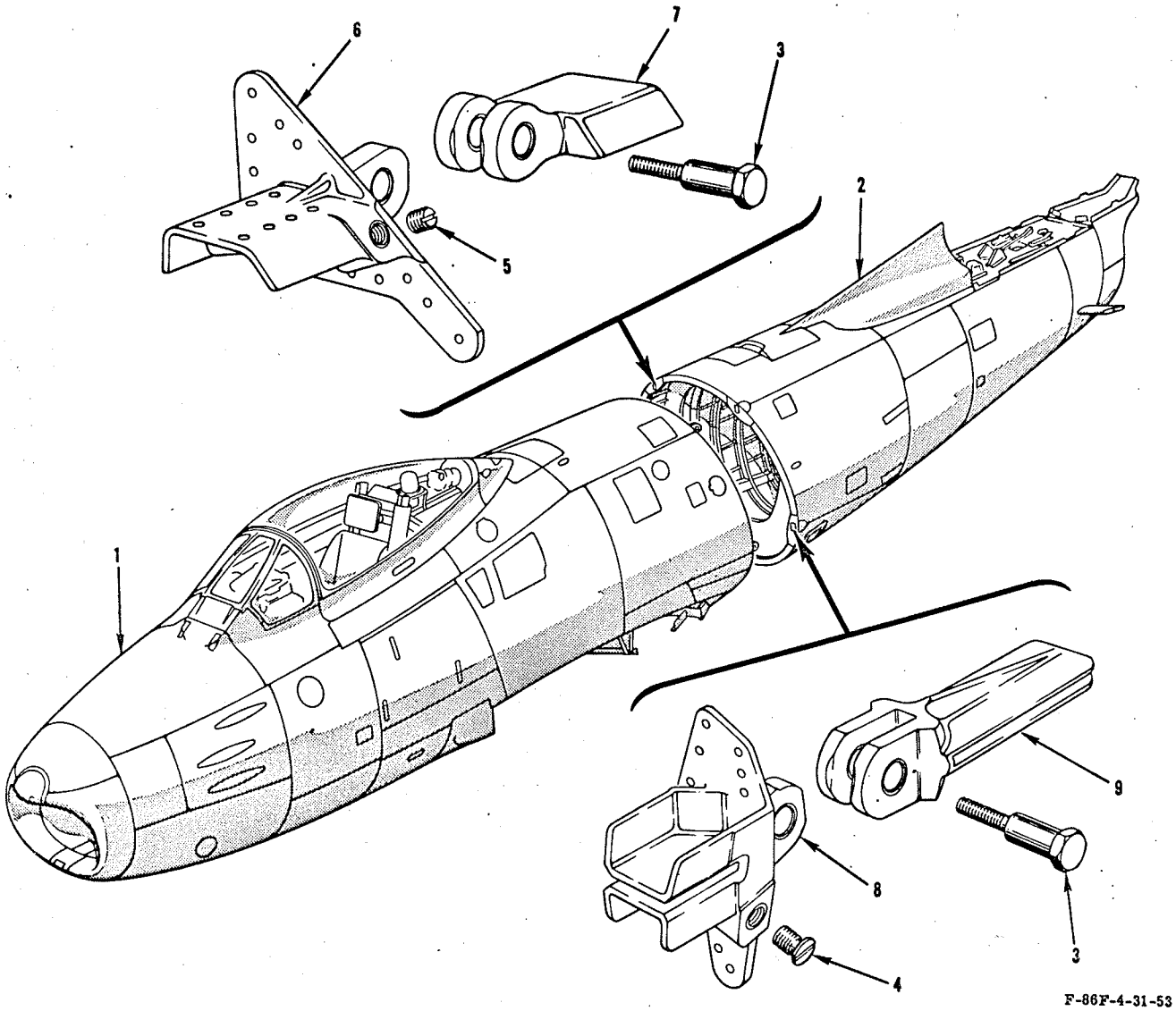
FIGURE 107A - REAR SECTION SPARE FUSELAGE ASSEMBLY

FUSELAGE STRUCTURE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
107A		REAR SECTION SPARE FUSELAGE ASSEMBLY		
-1	170-31902-81	. FUSELAGE ASSY, REAR SECTION SPARE	1	A
	170-31902-91	. FUSELAGE ASSY, REAR SECTION SPARE	1	B
	170-31902-101	. FUSELAGE ASSY, REAR SECTION SPARE	1	C
	170-31902-201	. FUSELAGE ASSY, REAR SECTION SPARE	1	D
	170-31902-301	. FUSELAGE ASSY, REAR SECTION SPARE	1	E
	170-31602-81	. . FUSELAGE ASSY, REAR SECTION COMPLETE (SEE FIG. 108)	1	A,B,D
	170-31602-91	. . FUSELAGE ASSY, REAR SECTION COMPLETE (SEE FIG. 108)	1	C,E
	151-31591	. . COVER ASSY, FUS STA 248.75 SPARK PLUG ACCESS (SEE FIG. 106)	2	F
	170-31320-1	. . DOOR, FUS STA 327 TO 340 HYD ACCESS LH (SEE FIG. 106)	1	F
	170-31320-2	. . DOOR, FUS STA 327 TO 340 HYD ACCESS RH (SEE FIG. 106)	1	F
	170-31380	. . DOOR ASSY, DORSAL FIN ACCESS (SEE FIG. 106)	1	F
	AN509-10R7	. . SCREW, (SEE FIG. 32)	48	F
	AN509-10R9	. . SCREW, (SEE FIG. 4)	66	F
	A3235SS020	. . WASHER, (TINNERMAN) (SEE FIG. 106)	38	F
	172-48831-27	. . LINE ASSY, FORWARD FUS CELL TO MAIN FUEL VENT STA 286.5 TO STA 373 (SEE FIG. 449)	1	F
	151-48856	. . LINE ASSY, MAIN FUEL VENT FWD FUS CELL TO OUTLET FIFTH SECTION (SEE FIG. 449)	1	F
	176-52032	. . SURFACE CONTROL INSTL, AFT FUSELAGE (SEE FIG. 202)	1	C,D,E
	176-52050	. . SURFACE CONTROL INSTL, MANUAL EMERGENCY CHANGE-OVER (AFT OF STA 235.894 ONLY) (SEE FIG. 210)	1	A,B,C
	176-52050-20	. . SURFACE CONTROL INSTL, MANUAL EMERGENCY CHANGE-OVER (AFT OF STA 235.894 ONLY) (SEE FIG. 210)	1	D,E
	170-71001	. . RADIO EQUIPMENT INSTL, FUSELAGE COMPLETE (AFT OF STA 235.894 ONLY) (SEE FIG. 335)	1	F
	170-20001	. . EMPENNAGE INSTL, COMPLETE (SEE FIG. 96)	1	F
	170-25001	. . FILLET INSTL, EMPENNAGE (SEE FIG. 103)	1	F
	172-58626-3	. . GAGE ASSY, HYD EMERGENCY POWER CONTROL ACCUMULATOR AIR COMPLETE (FWD) (SEE FIG. 267)	1	F
	172-58626-7	. . GAGE ASSY, HYD EMERGENCY POWER CONTROL ACCUMULATOR AIR COMPLETE (AFT) (SEE FIG. 267)	1	A,B,D
	191-51098	. . SUPPORT ASSY, EMERGENCY POWER CONTROL FUS HYD PRESSURE TRANSMITTER (SEE FIG. 180)	1	E
	AN806D4	. . PLUG	4	F
	AN929-4D	. . CAP	4	F
	155S8-3	. . PLUG, QUICK LEAD THREAD DUST (AEROQUIP)	6	A
	155S9-8	. . PLUG, QUICK ACTING THREAD DUST (AEROQUIP) (SEE FIG. 476)	6	B,D,C,E
	202-71005	. . BRACKET, RADIO ANTENNA CABLE QUICK DISC. AFT (SEE FIG. 337)	1	G,*1
	202-71006	. . CONNECTOR ASSY, RADIO ANTENNA CABLE QUICK DISC. (SEE FIG. 337)	1	G,*1
	5C12	. . CLAMP, CABLE CONNECTOR (NORTH AMERICAN) (SEE FIG. 337)	2	G,*1

*1 USED ON AIRPLANES THAT HAVE BEEN MODIFIED PER T. O. 1F-86-219.

USEABLE ON CODE:
- A 51-13130 thru 51-13510, 52-4305 thru 52-4854, 52-5272 thru 52-5386
- B 52-4855 thru 52-5063
- C 52-5064 thru 52-5271, 52-5387 thru 52-5530, 53-1072 thru 53-1228
- D 52-5272 thru 52-5386
- E 55-3816 and subs
- F 51-13130 and subs
- G 51-13130 thru 51-13510, 52-4305 thru 52-5530, 53-1072 thru 53-1228



F-86F-4-31-53

FIGURE 108 - FRONT AND REAR FUSELAGE AND ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE C CODE
108		FRONT AND REAR FUSELAGE AND ATTACHING PARTS		
-1	170-31601	. FUSELAGE ASSY, Front Section (see fig. 106 for next assy). .	Ref	A
	191-31601	. FUSELAGE ASSY, Front section (see fig. 106 for next assy). .	Ref	B
	No Number	. . PILOT'S COCKPIT ENCLOSURE INSTRUMENT PANEL SHROUD . . . . EQUIPMENT, (see fig. 105 for breakdown)	NP	
	151-31032	. . FUSELAGE ASSY, Front structure complete (see figure 112 . for breakdown)	1	C
	176-31032	. . FUSELAGE ASSY, Front structure complete (see figure 112 . for breakdown)	1	D
	152-31801-40	. . CANOPY INSTL, Cockpit encl (see fig. 167 for breakdown) .	NP	E
	176-31801	. . CANOPY INSTL, Cockpit encl (see fig. 168 for breakdown) .	NP	F
	151-34001-10	. . LANDING GEAR INSTL, Aux (see fig. 402 for breakdown) . .	NP	
	170-51031	. . INSTRUMENT EQUIPMENT INSTL, Fuselage forward . . . . . (see figure 178 for breakdown)	NP	G
	176-51031	. . INSTRUMENT EQUIPMENT INSTL, Fuselage forward . . . . . (see figure 178 for breakdown)	NP	H
	170-52031	. . SURFACE CONTROLS INSTALLATION, Fuselage forward (see . . figure 190 for breakdown)	NP	J
	176-52031	. . SURFACE CONTROLS INSTALLATION, Fuselage forward (see . . figure 190 for breakdown)	NP	K
	170-53001	. . FURNISHINGS INSTL, Complete (see fig. 363 for breakdown)	NP	G
	170-53001-50	. . FURNISHINGS INSTL, Complete (see fig. 363 for breakdown)	NP	V
	202-53001	. . FURNISHINGS INSTL, Complete (see fig. 363 for breakdown)	NP	U

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
108	172-53301		.	.	HEAT AND VENT EQUIPMENT INSTALLATION, Complete. . . . . (see figure 377 for breakdown)	NP	
	172-53304		.	.	CONTROL INSTALLATION, Heat and vent system complete . . . (see figure 381 for breakdown)	NP	W
	172-53304-10		.	.	CONTROL INSTALLATION, Heat and vent system complete . . . (see figure 381 for breakdown)	NP	X
	172-53307		.	.	HEAT AND VENT EQUIPMENT INSTALLATION, Cockpit enclosure . defrosting (see figure 386 for breakdown)	NP	
	170-54031		.	.	ELECTRICAL EQUIPMENT INSTALLATION, Fuselage forward . . . (see figure 278 for breakdown)	NP	G
	176-54031		.	.	ELECTRICAL EQUIPMENT INSTALLATION, Fuselage forward . . . (see figure 278 for breakdown)	NP	L
	191-54031		.	.	ELECTRICAL EQUIPMENT INSTALLATION, Fuselage forward . . . (see figure 278 for breakdown)	NP	B
	227-54034		.	.	ELEC EQUIP. INSTL, Fus sta 0 to 53 1/2 nose sect . . . . (see fig. 278 for breakdown)	NP	Y
	227-54033		.	.	ELEC EQUIP. INSTL, Fus sta 53 1/2 to 125 LH (see fig. 278)	NP	Y
	227-54032		.	.	ELEC EQUIP. INSTL, Fus sta 53 1/2 to 125 RH (see fig. 278)	NP	Y
	227-54031		.	.	ELEC EQUIP. INSTL, Fus cockpit (see fig. 278 for breakdown)	NP	Y
	170-54231		.	.	ELEC EQUIP. INSTL, Fus interm (see fig.313 for breakdown)	NP	G
	176-54231		.	.	ELEC EQUIP. INSTL, Fus interm (see fig. 313 for breakdown)	NP	S
	191-54231		.	.	ELEC EQUIP. INSTL, Fus interm (see fig. 313 for breakdown)	NP	B
	191-54231-10		.	.	ELEC EQUIP. INSTL, Fus interm (see fig. 313 for breakdown)	NP	T
	191-54025-1		.	.	ELEC EQUIP. INSTL, Fus special stores (see fig. 328 . . . for breakdown)	NP	M
	202-540001	*2	.	.	ELECTRICAL EQUIP. INSTL, GAR-8 sidewinder missile (Mod) . (see figs. 278A, 284A, 294A and 321A for bkdn)	NP	AA
	172-58058		.	.	HYDRAULIC EQUIPMENT INSTL, Nose gear and steering sta 0 to 84.5 (see figure 216 for breakdown)	NP	
	172-58059		.	.	HYDRAULIC EQUIPMENT INSTL, Fuselage sta 53.5 to 135 . . . (see figure 226 for breakdown)	NP	
	170-58060		.	.	HYDRAULIC EQUIPMENT INSTL, Fuselage sta 135 to 178 . . . (see figure 236 for breakdown)	NP	
	172-58064		.	.	HYDRAULIC EQUIPMENT INSTL, Fuselage sta 178 to 236 RH . . (see figure 239 for breakdown)	NP	
	172-58065		.	.	HYDRAULIC EQUIPMENT INSTL, Fuselage sta 178 to 236 LH . . (see figure 255 for breakdown)	NP	
	170-71031		.	.	RADIO EQUIPMENT INSTL, Fuselage sta 0 to 236 1/4 . . . . (see figure 335 for breakdown)	NP	C
	176-71031		.	.	RADIO EQUIPMENT INSTL, Fuselage sta 0 to 236 1/4 . . . . (see figure 335 for breakdown)	NP	D
	151-73301-60		.	.	OXYGEN SYS INSTL, Complete (see fig. 374 for breakdown) .	NP	G
	176-73301		.	.	OXYGEN SYS INSTL, Complete (see fig. 374 for breakdown) .	NP	N
	176-73301-10		.	.	OXYGEN SYS INSTL, Complete (see fig. 374 for breakdown) .	NP	P
	151-73501-70		.	.	PLATE INSTL, Pilot's rear armor (see fig. 342 for breakdown)	NP	C,U,V
	151-73501-80		.	.	PLATE INSTL, Pilot's rear armor (see fig. 342 for breakdown)	NP	Y
	170-74031		.	.	RADAR EQUIPMENT INSTL, A1CM gunsight and AN/APG30 . . . . (see figure 330 for breakdown)	NP	Q
	172-74031		.	.	RADAR EQUIPMENT INSTL, A1CM gunsight and AN/APG30 . . . . (see figure 330 for breakdown)	NP	R
	176-34801	*1	.	.	MECHANISM INSTL, Aux alighting gear sequencing and . . . indicating (see fig. 404 for breakdown)	NP	
-2	170-31602		.		FUSELAGE ASSY, Rear sect. complete (see fig. 106 for next assy)	1	J
	151-31331-120		.	.	FRAME ASSY, Aft fus (see fig. 159 for breakdown)	1	J
	151-31331-125		.	.	FRAME ASSY, Aft fus (see fig. 159 for breakdown)	1	Z
	151-31331-130		.	.	FRAME ASSY, Aft fus (see fig. 159 for breakdown)	1	F
	191-31331		.	.	FRAME ASSY, Aft fus (see fig. 159 for breakdown)	1	F
	170-54131		.	.	ELEC EQUIP. INSTL, Fus rear sect. (see fig. 325 for bkdn)	NP	G
	176-54131		.	.	ELEC EQUIP. INSTL, Fus rear sect. (see fig. 325 for bkdn)	NP	H
	172-58062		.	.	HYD EQUIP. INSTL, Aft fus (see fig. 262 for breakdown) .	NP	
	ATTACHING PARTS FOR FRONT AND REAR FUSELAGE						
-3	140-31024		.		BOLT, Fuselage attaching station 235.894	4	
-4	151-31787		.		PLUG, Fuselage sta 241.068 lower forward longeron fitting .	2	
-5	151-31788		.		PLUG, Fuselage canted sta 235.894 longeron fitting	2	
-6	152-31285		.		FITTING ASSY, Fus sta 234.610 upper fwd longn (see fig. 158)	Ref	
-7	152-31379		.		FITTING ASSY, Fus sta 234.610 upper rear longn (see fig. 159)	Ref	
-8	151-31233		.		FITTING ASSY, Fus sta 241.068 lower fwd longn (see fig. 159)	Ref	
-9	151-31593		.		FITTING ASSY, Fus sta 241.068 lower aft longn (see fig. 159)	Ref	

*1 Refer to T. O. 1F-86-120.

*2 Used on airplanes coded AA modified per T. O. 1F-86F-533.

USEABLE ON CODE:

A 51-2850 thru 51-13510, 52-5272 thru 52-5530
B 52-4305 thru 52-5271, 53-1072 and subs
C 51-2850 thru 51-13169
D 51-13170 and subs
E 51-2850 thru 51-13129
F 51-13131 and subs
G 51-2850 thru 51-12976
H 51-13070 and subs
J 51-2850 thru 51-12969
K 51-12970 and subs
L 51-13070 thru 51-13510, 52-5272 thru 52-5530
M 52-5164 thru 52-5271, 53-1072 and subs
N 51-13070 thru 51-13510
P 52-4305 and subs
Q 51-2850 thru 51-2943
R 51-12936 and subs
S 51-13070 thru 51-13510
T 52-5272 thru 52-5530
U 53-1072 thru 53-1228
V 51-13170 thru 51-13510, 52-4305 thru 52-5530
W 51-2850 thru 51-13510, 52-5272 thru 52-5328
X 52-5064 thru 52-5271, 52-5329 thru 53-1228
Y 55-3816 and subs
Z 51-12970 thru 51-12976
AA 51-13170 thru 51-13510, 52-5272 thru 52-5521, 52-5523 thru 52-5530, 52-4305 thru 52-5015, 52-5017 thru 52-5163

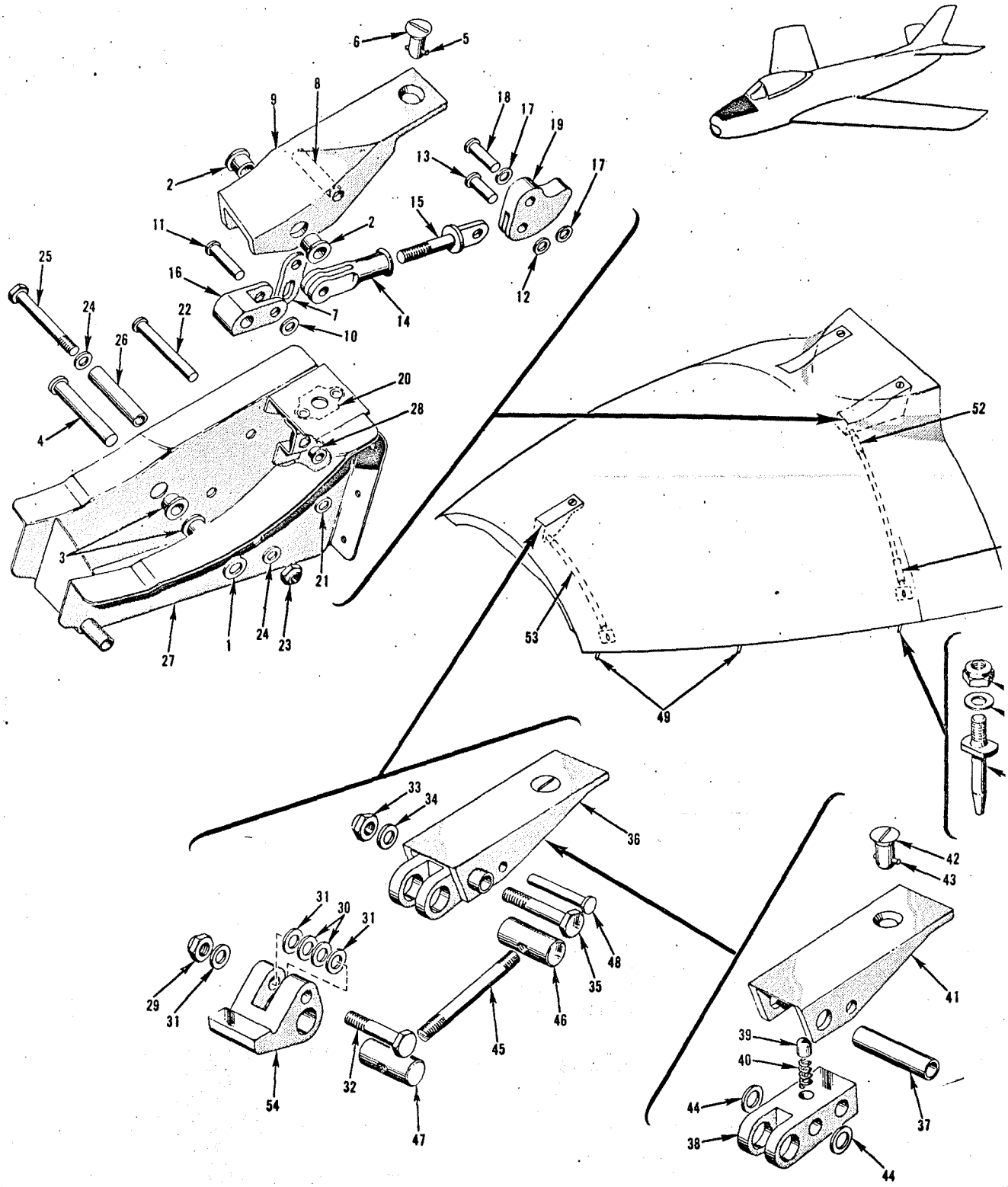


FIGURE 109 - UPPER EQUIPMENT ACCESS DOOR ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
109	172-31004	DOOR ASSY, Fus sta 15 to 53.5 upper equip. access (when exh use 172-31004-120, -130, or -141) (see fig. 106 for next assy)	1	
	172-31004-120	DOOR ASSY, Fus sta 15 to 53.5 upper equip. access (when exh use 172-31004, -130, or -141) (see fig. 106 for next assy)	1	
	172-31004-130	DOOR ASSY, Fus sta 15 to 53.5 upper equip. access (when exh use 172-31004, -120, or 141) (see fig. 106 for next assy)	1	
	172-31004-141	DOOR ASSY, Fus sta 15 to 53.5 upper equip. access (use 172-31004, -120, or -130 until exh) (see fig. 106 for next assy)	1	
	172-31295-1	. LATCH ASSEMBLY, Fuselage station 15 to station 53.5 upper equipment access door LH	1	
	172-31295-2	. LATCH ASSEMBLY, Fuselage station 15 to station 53.5 upper equipment access door RH	1	
-1	AN960D516L	. . WASHER	1	
-2	4B20S5-9	. . BUSHING, Press-fit flanged (North American)	2	
-3	4B18B5-51	. . BUSHING, Shoulder (North American)	2	
-4	AN395-57	. . PIN	1	
	172-31294-1	. . HANDLE ASSY, Fus sta 15 to 53.5 upper equip. access door rear LH	1	
	172-31294-2	. . HANDLE ASSY, Fus sta 15 to 53.5 upper equip. access door rear RH	1	
-5	99836	. . . PIN, (United-Carr)	1	
-6	98265-2-.210	. . . STUD, (United-Carr)	1	
-7	172-31294-5	. . . LINK, Fuselage sta 15 to 53.5 upper equipment access door rear handle	1	
-8	4B19S3-100	. . . BUSHING, Press-fit plain (North American)	1	
-8A	172-31294-3	. . PIN, Handle assembly fuselage station 15 to 53.5 upper equipment access door rear	1	
-9	172-31296-1	. . . HANDLE, Fuselage sta 15 to 53.5 upper equipment access door rear LH	1	
	172-31296-2	. . . HANDLE, Fuselage sta 15 to 53.5 upper equipment access door rear RH	1	
-10	AN960C10L	. . WASHER	1	
-11	AN393-21	. . PIN	1	
-12	AN960D10L	. . WASHER	1	
-13	AN393-13	. . PIN	1	
-14	AN486-4	. . CLEVIS	1	
-15	AN43-7A	. . BOLT	1	
-16	165-31328	. . LINK, Fus sta 3.156 to 53.5 upper equip. access door	1	
-17	AN960C10	. . WASHER	2	
-18	AN393-29	. . PIN	1	
-19	172-31297	. . LATCH, Fuselage sta 53.5 upper equipment access door	1	
-20	99833P.130	. . RECEPTACLE, (United-Carr)	1	
-21	AN960C10L	. . WASHER	1	
-22	AN393-53	. . PIN	1	
-23	AN365-1032	. . NUT	1	
-24	AN960C10L	. . WASHER	2	
-25	AN3-20A	. . BOLT	1	
-26	NAS43DD3-97	. . SPACER, Screw and bolt	1	
-27	172-31295-3	. . SUPPORT, Fuselage station 15 to station 53.5 upper equipment access door latch LH	1	
	172-31295-4	. . SUPPORT, Fuselage station 15 to station 53.5 upper equipment access door latch RH	1	
-28	4B18B3-64	. . BUSHING, Shoulder (North American)	2	
-29	AN310-4	. NUT	1	
-30	AN960-416L	. WASHER	2	
-31	AN960-416	. WASHER	3	
-32	AN4-22	. BOLT	1	
-33	AN310-4	. NUT	1	
-34	AN960-416	. WASHER	1	
-35	AN4-21	. BOLT	1	
-36	170-31057-3	. HANDLE ASSY, Fuselage station 16 5/8 to 53.5 upper equipment access door forward	1	
-37	NAS43C4-96	. . SPACER, Screw and bolt	1	
-38	170-31062	. . LINK, Fus upper equipment access door forward handle	1	
-39	170-31064	. . PLUG, Fus upper equipment access door forward handle	1	
-40	159-42074	. . SPRING, Compression	1	
-41	170-31061	. . HANDLE, Fuselage sta 16 5/8 to sta 53.5 upper equipment access door forward	1	
-42	98265-3-.270	. . STUD, (United-Carr)	1	
-43	99836	. . PIN, (United-Carr)	1	
-44	AN960D616	. . WASHER	2	
-45	140-31015-3	. SCREW, Radio compartment door adjustment	1	
-46	140-31058-3	. PIN, Radio compartment door forward	1	
-47	140-31058-4	. PIN, Radio compartment door forward	1	
-48	AN393-51	. PIN	1	
-49	140-31012-3	. STUD, Door shear (use 140-31012 until exh)	6	
-50	AN365-524	. NUT	6	A
	AN365-524	. NUT	4	B
-51	AN960-516	. WASHER	6	A
	AN960-516	. WASHER	4	B
-52	172-31004-69	. TUBE, Water drain rubber	4	
-53	172-31004-99	. TUBE, Water drain rubber	1	
-54	140-31057	. LATCH, Radio compartment door forward	1	

USEABLE ON CODE: A 51-2850 thru 51-13069
B 51-13070 and subs

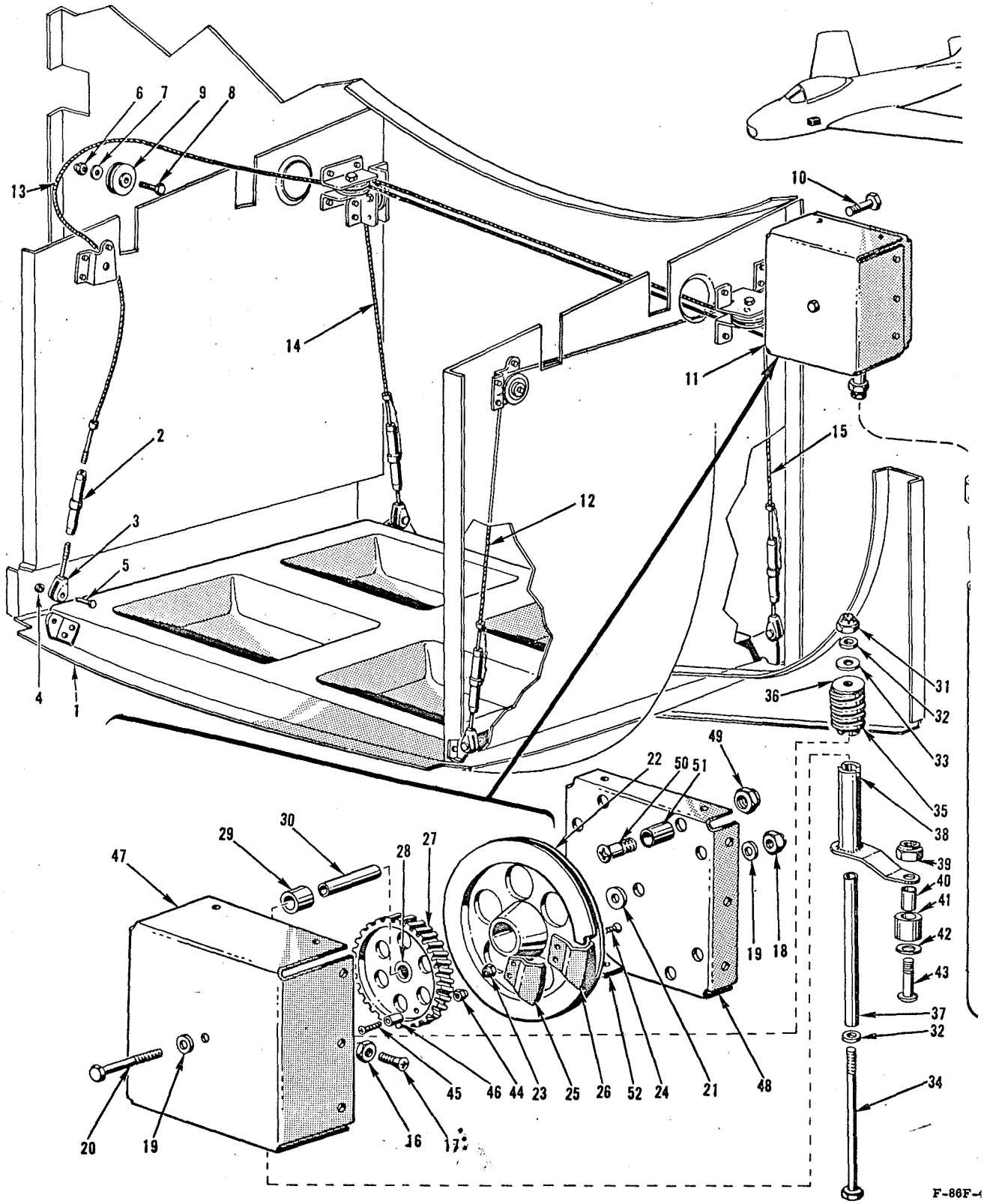


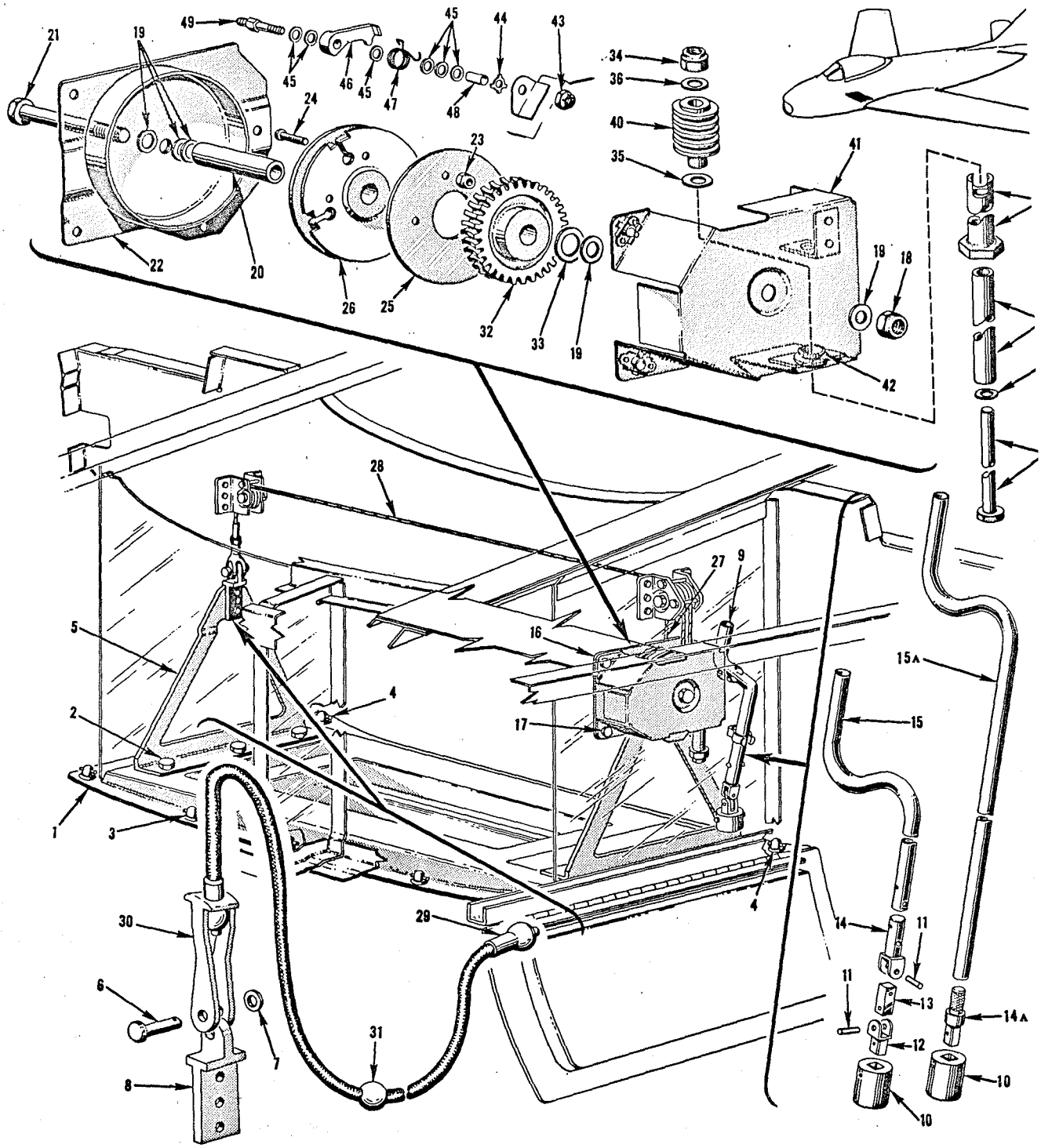
FIGURE 110 - FUSELAGE STATION 109 TO 125.75 LOWER ACCESS RADIO DOOR

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
110	151-31020	DOOR INSTALLATION, Fuselage station 109 to 125.75 lower radio compartment access (see figure 106 for next assembly)	NP	A
-1	151-31012-20	. DOOR ASSY, Fuselage station 109 to 125.75 lower radio compartment access (use 151-31012-10 until exh)	1	A,*1
	99834-2-.170	. . STUD, (United-Carr)	4	A
	99834-2-.160	. . STUD, (United-Carr)	10	A
	99836	. . PIN, (United-Carr)	14	A
-2	AN155-8S	. BARREL	4	A
-3	AN161-8RS	. FORK	4	A
-4	AN960-10L	. WASHER	4	A
-5	AN393-9	. PIN	4	A
-6	AN365-1032	. NUT	6	A
-7	AN960D10	. WASHER	6	A
-8	AN3-6A	. BOLT	6	A
-9	AN210-1A	. PULLEY	6	A
-10	AN3-4A	. BOLT	6	A
-11	151-31710-10	. MECHANISM ASSEMBLY, Fuselage radio access door (use 151-31710 until exh)	1	A
-12	151-31716-21	. . CABLE ASSEMBLY, Fuselage radio access door	1	A
-13	151-31716-23	. . CABLE ASSEMBLY, Fuselage radio access door	1	A
-14	151-31716-25	. . CABLE ASSEMBLY, Fuselage radio access door	1	A
-15	151-31716-27	. . CABLE ASSEMBLY, Fuselage radio access door	1	A
-16	AN365-1032	. . NUT	10	A
-17	NAS221-6	. . SCREW, Brazier head Phillips recess alloy steel 10-32	10	A
-18	AN310-4	. . NUT	1	A
-19	AN960D416	. . WASHER	2	A
-20	AN4-24	. . BOLT	1	A, *2
	AN4-25	. . BOLT	1	*3
-21	AN960-616	. . WASHER	1	A
-22	151-31714	. . DRUM, Fuselage radio access door	1	A
-23	AN365-832	. . NUT	2	A
-24	AN509-8-8	. . SCREW	2	A
-25	161-31715	. . GUARD, Fuselage radio access door cable	1	A
-26	161-31717	. . CLAMP, Fuselage radio access door cable	1	A
-27	140-54088-11	. . GEAR ASSEMBLY, Canopy actuating worm	1	A
-28	140-54088-5	. . . RING, Canopy actuating worm gear	1	A
-29	4S3-616-20	. . SPACER, Bolt (North American)	1	A
-30	151-31710-5	. . SPACER, Fuselage radio access door mechanism	1	A
-31	AN310-3	. . NUT	1	A
-32	AN960-10	. . WASHER	2	A,*2
	2W18-10	. . WASHER, Flat (North American)	2	*3
-33	AN960-516	. . WASHER	1	A,*2
	2W18-516	. . WASHER, Flat (North American)	1	*3
-34	AN3-44	. . BOLT	1	A,*2
	AN3-51	. . BOLT	1	*3
-35	140-54089	. . WORM ASSEMBLY, Canopy actuating	1	A
-36	140-54089-5	. . . BUSHING, Canopy actuating worm assembly	1	A
-37	151-31710-3	. . SPACER, Fuselage radio access door mechanism	1	A,*2
	4B21S3-420	. . BUSHING, Spacer (North American)	1	*3
	151-31712	. . HANDLE ASSEMBLY, Fuselage radio access door mechanism	1	A,*2
-38	151-31712-10	. . . SHAFT ASSEMBLY, Fuselage radio access door mechanism handle	1	A,*2
	157-71038	. . . SHAFT, Hoisting	1	*3
-39	AN365-1032	. . . NUT	1	A,*2
-40	4S3-10-22	. . . SPACER, Bolt (North American)	1	A,*2
-41	4S3-616-20	. . . SPACER, Bolt (North American)	1	A,*2
-42	AN960-10L	. . . WASHER	1	A,*2
-43	NAS221-18	. . . SCREW, Phillips recess alloy steel 10-32	1	A,*2
-44	AN365-1032	. . NUT		A
-45	NAS221-12	. . SCREW, Brazier head Phillips recess alloy steel 10-32	1	A
-46	4S3-10-10	. . SPACER, Bolt (North American)	6	A
-47	151-31711-11	. . HOUSING ASSEMBLY, Fuselage radio access door mechanism	1	A
-48	151-31711-17	. . HOUSING ASSEMBLY, Fuselage radio access door mechanism	1	A
-49	AN365-1032	. . . NUT	6	A
-50	NAS221-14	. . . SCREW, Brazier head Phillips recess alloy steel 10-32	6	A
-51	4S3-10-17	. . . SPACER, Bolt (North American) (used on 151-31711-17)	6	A
	4B18-8-40	. . . BUSHING, Shoulder (North American) (used on 151-31711-11)	1	A
-52	151-31711-19	. . . FAIRLEAD, Fuselage radio access door mechanism	1	A
	191-31645	. . HANDLE ASSY, Fus radio access door elevating mech.	1	A,*3
-53	7224H-SPL	. . . SOCKET, (Plomb Tool)	1	A,*3
-54	191-31644	. . . LINK, Fus radio access door mech handle	1	A,*3
-55	191-31645-3	. . . HANDLE, Fus radio access door elevating mech	1	A,*3

USEABLE ON CODE: A 51-2850 thru 51-13169

*1 151-31012-10 will be re-identified as 151-31012-20 when reworked per T. O. 1F-86-523.
*2 Not used on airplanes modified per T. O. 1F-86-531.
*3 Used on airplanes modified per T. O. 1F-86-531.



176-31-

FIGURE 111 - LOWER RADIO COMPARTMENT ACCESS DOOR

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABL CO
111	191-31020	DOOR INSTL, Fuselage station 109 to 125 3/4 lower radio compartment access (see fig. 106 for next assy)	NP	B
	191-31020-10	DOOR INSTL, Fuselage station 109 to 125 3/4 lower radio compartment access (see fig. 106 for next assy)	NP	C
-1	191-31012	. DOOR ASSY, Fuselage station 113.683 to station 125.750 lower radio compartment access . . .	1	B
	191-31012-10	. DOOR ASSY, Fus sta 113 to 125 lower radio compt access . . .	1	C,*4
	191-31012-20	. DOOR ASSY, Fus sta 113 to 125 lower radio compt access . . .	1	B,*4

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
111			ATTACHING PARTS		
-2	AN3-5A	.	BOLT	6	A
	AN960D10L	.	WASHER	6	A
		---*---			
-3	98265-2-.160	. .	STUD, Airloc (United-Carr)	8	
-4	99947-2-.180	. .	STUD, Airloc (United-Carr)	4	
	UF5T20	. .	STUD, (Dzus) (used on 191-31012-10 and -20 only	4	A
	GH5X-662	. .	GROMMET, (Dzus) (used on 191-31012-10 and -20 only)	4	A
-5	191-31708	.	SUPPORT ASSY, Fuselage sta 119 radio door attaching	2	A
-6	AN393-11	.	PIN	2	A
-7	AN960D10L	.	WASHER	2	A
-8	191-31718	.	CLIP, Fuselage radio door support assembly attaching	1	A
-9	172-31645	.	HANDLE ASSY, Fuselage radio access door elevating mechanism (whn exh use 191-31645)	1	A
	191-31645	.	HANDLE ASSY, Fuselage radio access door elevating mechanism (use 172-31645 untl exh)	1	A
-10	7224H-SPL	. .	SOCKET, (Plomb Tool)	1	A
-11	172-31645-9	. .	PIN, Radio access door handle (used on 172-31645 only)	2	A
-12	172-31645-11	. .	FORK, Radio access door handle (used on 172-31645 only)	1	A
-13	172-31645-7	. .	LINK, Radio access door handle (used on 172-31645 only)	1	A
-14	172-31645-5	. .	FORK, Radio access door handle (used on 172-31645 only)	1	A
-14A	191-31644	. .	LINK, Fuselage radio access door mechanism handle (used on 191-31645 only)	1	A
-15	172-31645-3	. .	HANDLE, Radio access door handle (used on 172-31645 only)	1	A
-15A	191-31645-3	. .	HANDLE, Radio access door handle (used on 191-31645 only)	1	A
-16	191-31720	.	MECHANISM ASSY, Fuselage radio compartment access door hoist (whn exh use 191-31720-10 or -30)	1	A
	191-31720-10	.	MECHANISM ASSY, Fuselage radio compartment access door hoist (whn exh use 191-31720-20 or -30)	1	A
	191-31720-30	.	MECHANISM ASSY, Fuselage radio compartment access door hoist (use 191-31720 or 191-31720-10 untl exh)	1	A
			ATTACHING PARTS		
-17	AN3-10A	.	BOLT	3	A,*5
	AN3-11A	.	BOLT	2	*6
	AN3-12A	.	BOLT	1	*6
	AN960D10L	.	WASHER	3	A
	AN365-1032	.	NUT	1	A
		---*---			
-18	AN310-4	. .	NUT	1	A
-19	2W1G17-16-63	. .	WASHER, Plain (North American)	5	A
-20	4B21S4-120	. .	BUSHING, Spacer (North American)	1	A
-21	AN4-24	. .	BOLT	1	A,*5
	AN4-25	. .	BOLT	1	*6
-22	191-31720-3	. .	COVER, Radio access door hoist mechanism assembly	1	A
-23	AN364-832	. .	NUT	3	A
-24	AN515-8R7	. .	SCREW	3	A
-25	191-31720-9	. .	PLATE, Radio access door hoist mechanism assembly	1	A
-26	165-54546	. .	DRUM, Battery tray hoist	1	*1,*2
	165-54546-3	. .	DRUM, Battery tray hoist	1	*3
-27	191-31717-3	. .	CABLE ASSY, Fuselage station 119 radio door access	1	*1
	191-31717-15	. .	CABLE ASSY, Fuselage station 119 radio door access	1	*2
-28	191-31717-5	. .	CABLE ASSY, Fuselage station 119 radio door access	1	*1
	191-31717-13	. .	CABLE ASSY, Fuselage station 119 radio door access	1	*2
-29	AN664C2	. . .	BALL	1	A
-30	RA2500-2	. . .	STRAP, (American Chain and Cable)	1	A
-31	RA2487-2	. . .	BALL, (American Chain and Cable) (used on 191-31717-5)	1	A
-32	165-54540	. .	GEAR, Battery tray hoist actuating	1	A
-33	2W1G25-20-10	. .	WASHER, Plain (North American)	AR	A
-34	AN310-3	. .	NUT	1	A
-35	2W1G21-18-63	. .	WASHER, Plain (North American)	1	A
-36	2W1G13-14-63	. .	WASHER, Plain (North American)	2	A
-37	AN3-51	. .	BOLT	1	A
-38	4B21S3-420	. .	BUSHING, Spacer (North American)	1	A
-39	157-71038	. .	SHAFT, Hoisting	1	A
-40	165-54536	. .	WORM GEAR, Battery tray hoist actuating	1	*1
-41	191-31719	. .	HOUSING ASSY, Fuselage radio door hoist	1	*1
	191-31719-10	. .	HOUSING ASSY, Fuselage radio door hoist	1	*2
-42	4B18-8-104	. . .	BUSHING, Shoulder (North American)	1	A
-43	AN310-3	. .	NUT	1	*2
-44	2W11-3	. .	WASHER, Tab lock (North American)	1	*2
-45	2W1AL21-16-.125	. .	WASHER, Plain (North American)	1	*2
	2W1AL21-16-.064	. .	WASHER, Plain (North American)	1	*2
	2W1AL21-16-.020	. .	WASHER, Plain (North American)	4	*2
-46	191-31728	. .	LATCH, Fuselage station 116 radio door mechanism	1	*2
	191-31728-3	. .	LATCH, Fuselage station 116 radio door mechanism	1	*3
-47	191-31713-1	. .	SPRING, Fuselage station 109 radio door hoist mech latch LH	1	*2
	191-31713-2	. .	SPRING, Fuselage station 109 radio door hoist mech latch RH	1	*3
-48	4B21B5-006	. .	BUSHING, Spacer (North American)	2	*3
	2W1AL21-16-.032	. .	WASHER, Plain (North American)	2	*3
	4B21B3-024	. .	BUSHING, Spacer (North American)	1	*2
-49	191-31729	. .	STUD, Fuselage station 116 radio door mechanism	1	*2

*1 Used on 191-31720 only. *2 Used on 191-31720-10 only. *3 Used on 191-31720-30 only.
*4 191-31012-10 will be re-identified as 191-31012-20 when reworked per T. O. 1F-86F-22.
*5 Not used on airplanes modified per T. O. 1F-86-531.
*6 Used on airplanes modified per T. O. 1F-86-531.

USEABLE ON CODE. A 51-13170 and subs B 51-13170 thru 52-5386 52-4305 thru 52-4904 C 52-5387 thru 52-5530 52-4905 and subs

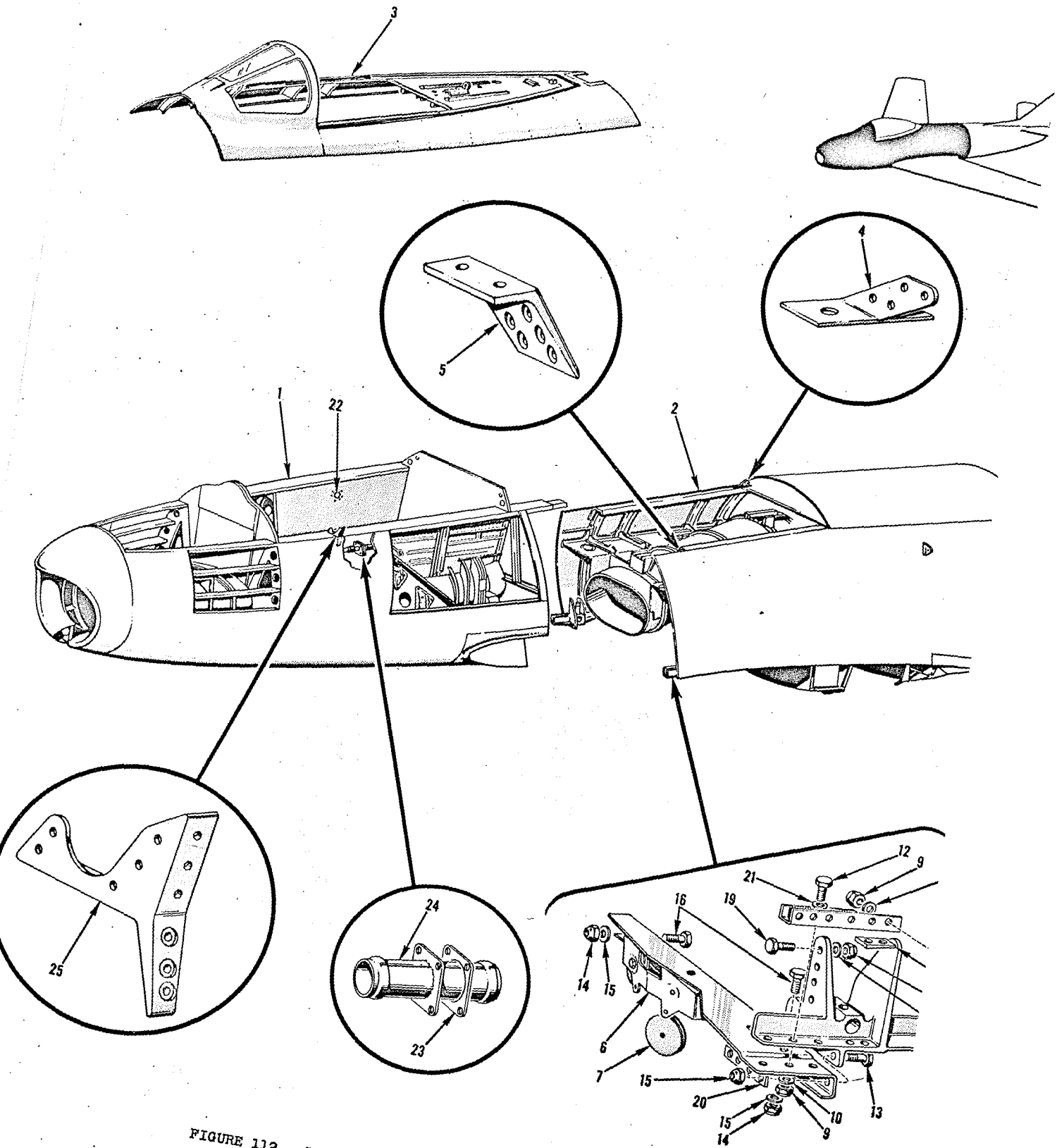


FIGURE 112 - COMPLETE FRONT STRUCTURE FUSELAGE ASSEMBLY

176-

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
112	151-31032	FUSELAGE ASSEMBLY, Front structure complete (see figure 108 for next assembly)	Ref	G
	176-31032	FUSELAGE ASSEMBLY, Front structure complete (see figure 108 for next assembly)	Ref	H
	No Number	. FUSELAGE STRUCTURE STATION 0 TO STATION 131 NOSE SECTION, (see figure 113 for breakdown)	NP	
-1	151-31731	. FUSELAGE ASSEMBLY, Station 0 to station 131 nose section (see figure 115 for breakdown)	1	G
	176-31731	. FUSELAGE ASSEMBLY, Station 0 to station 131 nose section (see figure 115 for breakdown)	1	H
-2	170-31231	. FUSELAGE ASSY, Fus sta 131 to 236.25 intermediate section (see figure 156 for breakdown)	1	
-3	172-31151	. DECK AND WINDSHIELD ASSY, Fuselage station 53.5 to 178 (see figure 177 for breakdown)	1	A
	172-31151-35	. DECK AND WINDSHIELD ASSY, Fuselage station 53.5 to 178 (see figure 177 for breakdown)	1	B
	172-31151-30	. DECK AND WINDSHIELD ASSY, Fuselage station 53.5 to 178 (see figure 177 for breakdown)	1	C
	172-31151-50	. DECK AND WINDSHIELD ASSY, Fuselage station 53 5 to 178 (see figure 177 for breakdown)	1	D
	172-31151-60	. DECK AND WINDSHIELD ASSY, Fuselage station 53.5 to 178 (see figure 177 for breakdown)	1	E
	172-31151-70	. DECK AND WINDSHIELD ASSY, Fuselage station 53.5 to 178 (see figure 177 for breakdown)	1	F
	172-31151-75	. DECK AND WINDSHIELD ASSY, Fuselage station 53.5 to 178 (see figure 177 for breakdown)	1	J
	172-31151-80	. DECK AND WINDSHIELD ASSY, Fuselage station 53.5 to 178 (see figure 177 for breakdown)	1	K
	172-31151-85	. DECK AND WINDSHIELD ASSY, Fuselage station 53.5 to 178 (see figure 177 for breakdown)	1	L
	172-31151-90	. DECK AND WINDSHIELD ASSY, Fuselage station 53.5 to 178 (see figure 177 for breakdown)	1	M
	172-31151-100	. DECK AND WINDSHIELD ASSY, Fuselage station 53.5 to 178 (see figure 177 for breakdown)	1	N
	172-31151-110	. DECK AND WINDSHIELD ASSY, Fuselage station 53.5 to 178 (see figure 177 for breakdown)	1	P
-4	161-31226-1	. FITTING, Fuselage assembly to canopy top deck attaching LH	2	
	161-31226-2	. FITTING, Fuselage assembly to canopy top deck attaching RH	2	
-5	151-31782-1	. CLIP, Fuselage sta 133.5 upper longeron attaching lower LH	1	
	151-31782-2	. CLIP, Fuselage sta 133.5 upper longeron attaching lower RH	1	
-6	170-68721	. BRACKET ASSY, Emergency jettison pulley fuselage station 128.546 (LH side)	1	
-7	AN210-2B	. PULLEY	2	
-8	151-31532	. SHIM, Fuselage station 131 longeron to wing attaching	2	
-9	AN365-428	. NUT	26	
-10	AN960-416	. WASHER	18	
-11	AN509-416R13	. SCREW	12	
-12	AN4-11A	. BOLT	6	
-13	AN4-7A	. BOLT	8	
-14	AN365-1032	. NUT	20	
-15	AN960-10	. WASHER	32	
-16	AN3-5A	. BOLT	20	
-17	AN365-524	. NUT	8	
-18	AN960-516	. WASHER	8	
-19	AN5-11A	. BOLT	2	
	AN5-10A	. BOLT	6	
-20	151-31768	. SHIM, Fuselage station 126.419 canted lower cross beam bolting	2	
-21	AN960-416L	. WASHER	2	
-22	161-31006	. COVER , Fuselage station 96 1/4 pressurizing access hole RH side	1	
-23	140-53374	. GASKET, Heat and vent system side outlet LH station 113.5 pressure	1	
-24	151-53493	. TUBE ASSY, Heat and vent system side outlet LH station 113.5 pressure	1	

USEABLE ON CODE:

A	51-2850 thru 51-2927	H	51-13170 and subs
B	51-2928 thru 51-2943	J	52-5272 thru 52-5328
C	51-12936 thru 51-12976	K	52-4746 thru 52-5013
D	51-13070 thru 51-13089	L	52-5014 thru 52-5063
E	51-13090 thru 51-13129	M	52-5164 thru 52-5271, 53-1072 thru 53-1228
F	51-13130 thru 51-13510, 52-4305 thru 52-4745	N	52-5064 thru 52-5163
G	51-2850 thru 51-13169	P	52-5329 thru 52-5380

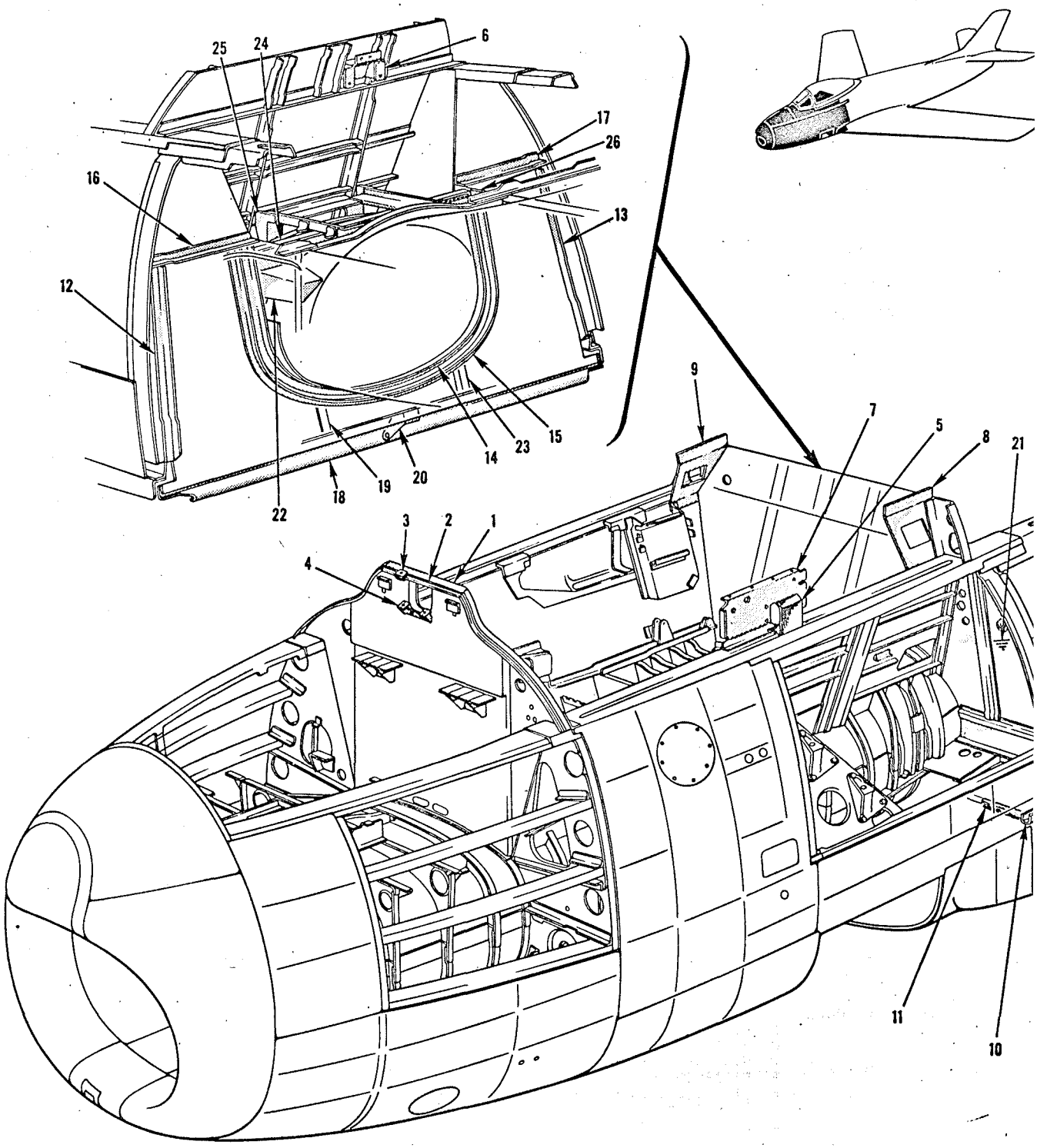


FIGURE 113 - FUSELAGE STRUCTURE STATION 0 TO STATION 131 NOSE SECTION

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
113	No Number	FUSELAGE STRUCTURE STATION 0 TO STATION 131 NOSE SECTION . . . . (see figure 112 for next assembly)	NP	
-1	172-31293	. ANGLE ASSY, Fus sta 53.5 radio door sealing	1	
-2	172-31293-13	. . SEAL, Fus sta 53.5 radio door sealing angle	1	
-3	172-31293-9	. . SEAL, Fus sta 53.5 radio door sealing angle	1	
-4	172-53328	. SUPPORT ASSY, Heat & vent sys windshield anti-ice nozzle . . .	1	
-5	151-54191	. INSULATOR, Electrical projector release	1	
-6	151-58383	. BRACKET ASSY, Hyd emer speed brake dump valve support	1	
-7	152-31412-71	. WEB ASSY, Fus sta 80.97 to 95.75 internal	1	A
	152-31412-91	. WEB ASSY, Fus sta 80.97 to 95.75 internal	1	B
	152-31412-81	. WEB ASSY, Fus sta 80.97 to 95.75 internal	1	C
	152-31412-101	. WEB ASSY, Fus sta 80.97 to 95.75 internal	1	D
-8	151-54053-11	. PANEL ASSY, Pressure electrical disconnect LH	1	
-9	151-54053-12	. PANEL ASSY, Pressure electrical disconnect RH	1	
-10	151-31530-1	. CHANNEL, Fus sta 131 longeron to attachment fitting splice LH.	1	
	151-31530-2	. CHANNEL, Fus sta 131 longeron to attachment fitting splice RH.	1	
-11	151-31753-1	. CHANNEL, Fus sta 126.419 canted fitting to cross tie LH . . .	1	
	151-31753-2	. CHANNEL, Fus sta 126.419 canted fitting to cross tie RH . . .	1	
-12	151-31545-3	. ANGLE, Fus canted sta 126.419 frame to fitting LH	1	
-13	151-31545-4	. ANGLE, Fus canted sta 126.419 frame to fitting RH	1	
-14	151-31520-3	. FRAME, Fus canted sta 126.419 duct lower	1	
-15	151-31525-3	. ANGLE, Fus canted sta 126.419 support outer	1	
-16	151-31526-3	. ANGLE, Fus canted sta 126.419 LH	1	
-17	151-31526-2	. ANGLE, Fus canted sta 126.419 RH	1	
-18	151-31756-10	. BEAM, Fus sta 126.419 canted lower	1	
-19	151-31761	. ANGLE, Fus sta 126.419 canted lower web splice LH	1	
-20	172-52049	. SUPPORT, Surf. control manual emergency change-over cable . .	1	
-21	151-31524-10	. WEB ASSY, Fus canted sta 126.416 lower	1	
-22	172-31219-1	. FILLER, Fus sta 126.419 to sta 133.5 LH	1	
	172-31219-2	. FILLER, Fus sta 126.419 to sta 133.5 RH	1	
-23	151-31758	. ANGLE, Fus sta 126.419 canted lower web splice RH	1	
-24	151-31523-15	. FRAME, Fus canted sta 126.419 duct upper	1	
-25	151-71037-20	. SUPPORT ASSY, Radio compass receiver	1	
-26	172-54092	. SUPPORT ASSY, Fus sta 133.5 RH electrical inverter	1	

USEABLE ON CODE:
A 51-2850 thru 51-12969
B 51-12970 thru 51-12976
C 51-13070 thru 51-13089
D 51-13090 and subs

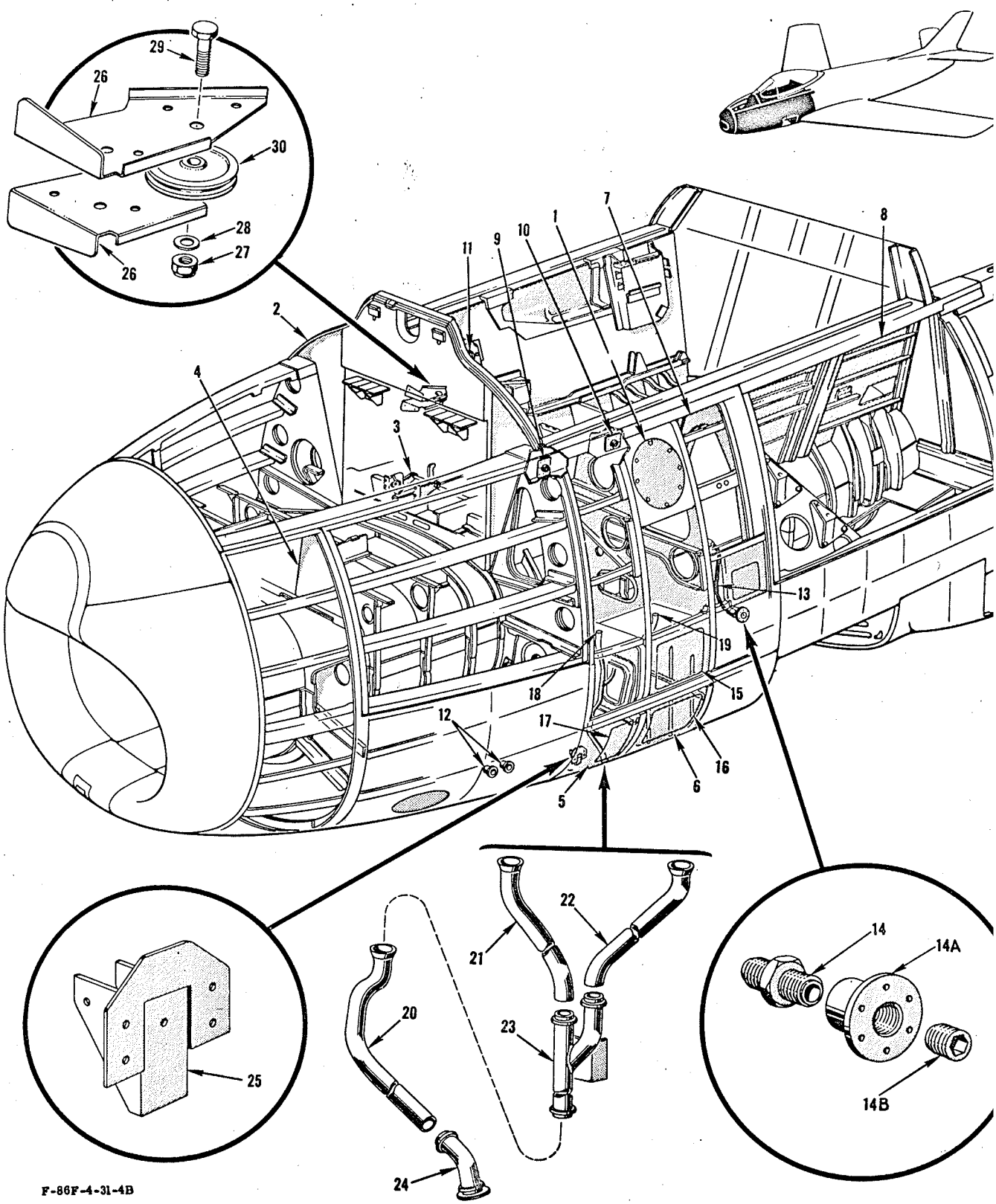


FIGURE 114 - STATION 0 TO STATION 131 NOSE SECTION FUSELAGE SECTION (Cont)

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
114	No Number	STATION 0 TO STATION 131 NOSE SECTION FUS SECTION (Cont), . . . (see figure 115 for next assembly)	NP	
-1	151-31014	. DOOR, Fuselage station 62.625 to 71.75 hydraulic access . .	2	
	151-31730	. FRAME ASSY, Fus sta 0 to sta 125.750 lower structure . . . . (see figure 128 for breakdown)	1	A
	176-31730	. FRAME ASSY, Fus sta 0 to 125.750 lower structure . . . . . (see figure 128 for breakdown)	1	B
	170-31132	. FUSELAGE ASSY, Station 84.5 to canted station 126.437 . . . (see figure 144 for breakdown)	1	F
	176-31132	. FUSELAGE ASSY, Station 84.5 to canted station 126.437 . . . (see figure 144 for breakdown)	1	G
-2	151-31118-120	. FRAME ASSY, Fuselage station 53.5 upper	1	B
	172-31118	. FRAME ASSY, Fuselage station 53.5 upper	1	Q
	172-31118-50	. FRAME ASSY, Fuselage station 53.5 upper	1	R
	172-31118-60	. FRAME ASSY, Fuselage station 53.5 upper	1	S
	172-31118-70	. FRAME ASSY, Fuselage station 53.5 upper	1	T
-3	170-52429	. . LOCK ASSY, Surface control rudder	1	
	151-73570-40	. . PLATE ASSY, Pilot's front armor fuselage station 53.5 . .	1	
	151-73570-13	. . . PLATE, Pilot's front armor fuselage station 53.5 . . .	1	
	151-73570-11	. . . DOUBLER, Pilot's front armor fuselage station 53.5 . .	1	
	172-53327	. . TRAP ASSY, Heat and vent system windshield anti-ice . . . water (see figure 385)	1	Q,R
	191-53325	. . TRAP ASSY, Heat and vent system windshield anti-ice water	1	S,T
-4	151-31114-101	. FRAME ASSY, Fuselage station 26.75 side LH	1	
	151-31114-202	. FRAME ASSY, Fuselage station 26.75 side RH	1	
-5	151-31120-121	. FRAME ASSY, Fuselage station 66.625 side LH	1	
	151-31120-122	. FRAME ASSY, Fuselage station 66.625 side RH	1	
-6	151-31111-71	. FRAME ASSY, Fuselage station 71.75 side LH	1	
	151-31111-52	. FRAME ASSY, Fuselage station 71.75 side RH	1	N
	151-31111-62	. FRAME ASSY, Fuselage station 71.75 side RH	1	P
-7	172-31125-11	. FRAME ASSY, Fuselage station 80.970 side LH	1	
	172-31125-2	. FRAME ASSY, Fuselage station 80.970 side RH	1	
	176-68790	. DOUBLER ASSY, Emergency jettison system fus sta 55.5 cable seal	1	
-8	152-31147-61	. WEB ASSY, Fus sta 53.5 to sta 80.97 cockpit pressure LH . .	1	K
	176-31147-1	. WEB ASSY, Fus sta 53.5 to sta 80.97 cockpit pressure LH . .	1	L
	176-31147-51	. WEB ASSY, Fus sta 53.5 to sta 80.97 cockpit pressure LH . .	1	U
	176-31147-61	. WEB ASSY, Fus sta 53.5 to sta 80.97 cockpit pressure LH	1	S
	176-31147-71	. WEB ASSY, Fus sta 53.5 to sta 80.97 cockpit pressure LH . .	1	V
	152-31147-62	. WEB ASSY, Fus sta 53.5 to sta 80.97 cockpit pressure RH . .	1	K
	176-31147-2	. WEB ASSY, Fus sta 53.5 to sta 80.97 cockpit pressure RH . .	1	L
-9	151-58234	. . BEARING, Hydraulic parking brake valve torque tube . . . support (left side only)	1	K,L
-10	151-58320-10	. . SUPPORT ASSY, Hydraulic master brake cylinder torque . . shaft (left side only)	1	
	AN301K10A	. . . BEARING	2	
-11	172-52061	. . SUPPORT ASSY, Surface control manual change-over . . . . (right side only)	1	
	151-61074	. LINER INSTL, .50 caliber case and link ejection complete . . (see figure 124 for breakdown)	NP	F
	151-61074-10	. LINER INSTL, . 50 caliber case and link ejection complete . (see figure 124 for breakdown)	NP	G
-12	3F2-4	. FITTING, Bulkhead union (north American)	2	
-13	3H3-6-0176	. HOSE, (North American) (use 172-31852 until exh)	2	
-14	AN816-6D	. NIPPLE	2	
	172-31855	. PLUG ASSY, Fus sta 78 5/8 cockpit drain outlet	2	
-14A	172-31855-3	. . FITTING, Fus sta 78 5/8 cockpit drain outlet plug	1	
-14B	AN932S2	. . PLUG	1	
-15	191-31040	. DOOR ASSY, Fus sta 62.625 to 71.750 ext stores access . . .	1	M
-16	191-31041	. DOOR, Fuselage station 62.62 to 71.75 nose wheel web LH . .	1	M
-17	191-31042	. DOOR, Fuselage station 53.5 to 62.62 nose wheel web LH . . .	1	M
	191-31444	. SHELF ASSY, Fus sta 53.50 to sta 62.625 closeout	1	M
-18	191-31437	. . TUBE ASSY, Fus sta 53.5 to 71.75 closeout shelf drain . .	1	M
	191-31445	. SHELF ASSY, Fus sta 62.625 to sta 71.75 closeout	1	M
-19	191-31437	. . TUBE ASSY, Fus sta 53.5 to 71.75 closeout shelf drain . .	1	M
-20	10C2A7 7/8	. CONDUIT, (North American)	1	M
-21	10C2A12	. CONDUIT, (North American)	1	M
-22	10C2A13 3/4	. CONDUIT, (North American)	1	M
-23	191-31449	. TUBE ASSY, Fuselage station 63.125 upper drain	1	M
-24	191-31448	. TUBE ASSY, Fuselage station 63.125 lower drain	1	M
-25	191-31441	. FITTING, Fuselage station 62.625 nose wheel diagonal brace LH	1	M
-26	191-63703	. BRACKET ASSY, Special stores mech jettison fus sta 53.5 . . inboard pulley	1	S
-27	AN365-428	. . NUT	1	S
-28	2W18-416	. . WASHER	1	S
-29	AN410A	. . BOLT	1	S
-30	AN219-2	. . PULLEY	1	S

USEABLE ON CODE:

A 51-2850 thru 51-2943
B 51-12936 thru 51-12969
F 51-2850 thru 51-13169
G 51-13170 and subs
K 51-2850 thru 51-12976
L 51-13070 thru 51-13169
M 52-5164 thru 52-5271, 53-1072 and subs
N 51-2850 thru 52-4963, 52-5272 thru 52-5277, 52-5279 thru 52-5290, 52-5292, 52-5294 thru 52-5295, 52-5297 thru 52-5298, 52-5300 thru 52-5302, 52-5304
P 52-4964 thru 52-5271, 52-5278, 52-5291, 52-5293, 52-5296, 52-5299, 52-5303, 52-5305 thru 52-5530, 53-1072 and subs
Q 51-2718 thru 51-2943, 51-12936 thru 51-13169
R 51-13170 thru 51-13510, 52-4305 thru 52-5163
S 53-1072 thru 53-1228
T 52-5447 thru 52-5530
U 51-13170 thru 51-13511, 52-4305 thru 52-5163, 52-5272 thru 52-5530
V 55-3816 and subs

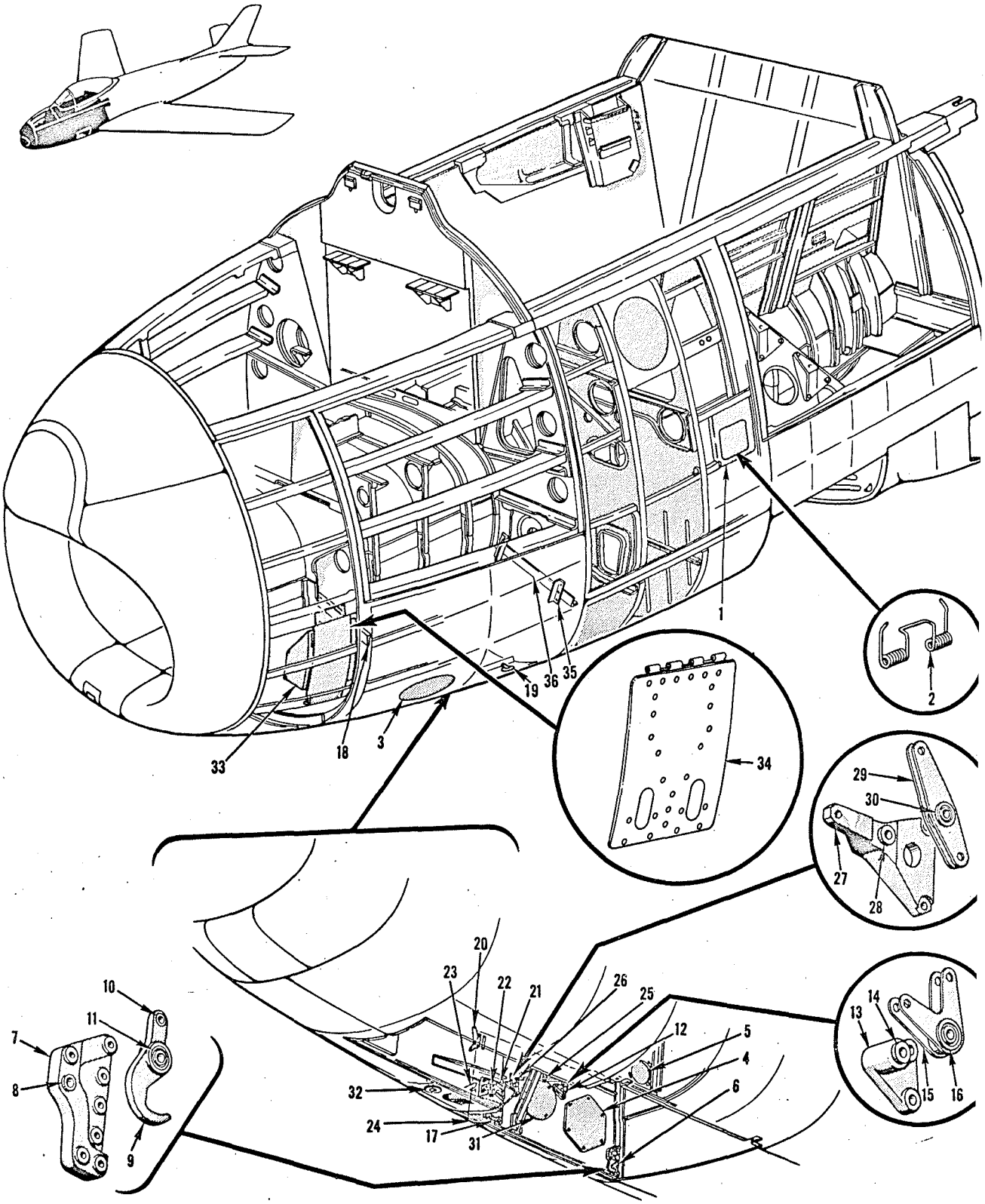


FIGURE 115 - STATION 0 TO STATION 126.413 NOSE SECTION FUSELAGE ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
115	151-31731	FUSELAGE ASSEMBLY, Station 0 to 126.413 nose section (see figure 112 for next assy)	Ref	A
	176-31731	FUSELAGE ASSEMBLY, Station 0 to 126.413 nose section (see figure 112 for next assy)	Ref	B
	191-31731	FUSELAGE ASSEMBLY, Station 0 to 126.413 nose section (see figure 112 for next assy)	Ref	C
	No Number	. STATION 0 TO STATION 131 NOSE SECTION FUSELAGE ASSY (Cont), (see figure 114 for breakdown)	NP	
	No Number	. STATION 0 TO STATION 84.5 NOSE SECTION FUSELAGE ASSY, (see figure 116 for breakdown)	NP	
	151-31483-1	. STEP ASSY, Fuselage station 79 pilot's access kick LH	1	
	151-31483-2	. STEP ASSY, Fuselage station 79 pilot's access kick RH	1	
-1	134-31427-9	. . DOOR ASSY, Fuselage upper step complete LH	1	
	134-31427-10	. . DOOR ASSY, Fuselage upper step complete RH	1	
-2	134-31423	. . . SPRING, Fuselage step	1	
	151-31731-173	. SKIN, Sta 26.75 to sta 53.5 nose section lower LH	1	A
	151-31731-174	. SKIN, Sta 26.75 to sta 53.5 nose section lower RH	1	A
-3	176-31195-1	. DOOR ASSY, Fuselage station 34 1/8 access LH	1	
	176-31195-2	. DOOR ASSY, Fuselage station 34 1/8 access RH	1	
-4	151-31470	. COVER ASSY, Fuselage station 76.812 empty ammunition access	2	D
	191-31631	. DOOR ASSY, Fuselage station 72.563 to 83.718 forward expended ammunition LH	1	E
	191-31630	. DOOR ASSY, Fuselage station 72.563 to 83.718 forward expended ammunition RH	1	E
-5	151-31640	. COVER, Fuselage station 59.875 door hinge pin access	1	
-6	140-34557	. LATCH ASSY, Nose wheel door complete	1	
-7	140-34556-11	. . SUPPORT ASSY, Nose wheel door rear latch	1	
-8	NAS77-6-78	. . . BUSHING, Flanged press-fit steel and bronze	1	
-9	165-34334-5	. . LATCH ASSY, Auxiliary alighting gear wheel door rear	1	
-10	4B16CP4-9	. . . BEARING, Sintered oil impregnated (North American)	1	
-11	6NBC914YZP	. . . BEARING, (Torrington)	1	
-12	140-34558	. BELLCRANK ASSY, Nose wheel door rear latch complete	1	
-13	140-34553	. . SUPPORT ASSY, Nose wheel door rear latch	1	
-14	NAS77-4-68	. . . BUSHING, Flanged pressure fit steel and bronze	1	
-15	140-34552	. . BELLCRANK ASSY, Nose wheel door rear operating	1	
-16	AR4	. . . BEARING (Torrington)	1	
-17	140-34532	. TOGGLE ASSY, Nose wheel door (see figure 127 for breakdown)	1	F
	140-34532-20	. TOGGLE ASSY, Nose wheel door (see figure 127 for breakdown)	1	G
-18	151-31465-1	. ANGLE, Fuselage station 26.75 upper and lower splicing LH	1	
	151-31465-2	. ANGLE, Fuselage station 26.75 upper and lower splicing RH	1	
-19	140-54037	. TUBE ASSY, Battery vent drain	1	
-20	151-33626	. ARM ASSY, Landing gear emergency release auxiliary wheel door lock actuating	1	
-21	152-34161	. FITTING ASSY, Auxiliary landing gear drag brace fuselage attaching	1	
-22	NAS75-8-016	. . BUSHING, Plain press-fit steel	2	
-23	152-31121-3	. FITTING, Nose gear drag strut support	1	
-24	151-31011	. DOOR, Fuselage station 48 7/16 auxiliary landing gear emergency release mechanism RH access (RH side only)	1	
-25	140-34567	. FITTING, Auxiliary landing gear wheel door lock bungee support	1	
-26	140-34570	. BELLCRANK ASSY, Auxiliary landing gear wheel door lock toggle actuating complete	1	
-27	140-34569	. . FITTING ASSY, Auxiliary landing gear wheel door lock toggle bellcrank support	1	
-28	4B20S4-008	. . . BUSHING, Press-fit flanged (North American)	2	
-29	140-34568	. . BELLCRANK ASSY, Auxiliary landing gear wheel door lock toggle actuating	1	
-30	AR4	. . . BEARING, (Torrington)	1	
-31	151-31021	. DOOR ASSY, Fuselage station 67.76 hydraulic drain line access	1	
-32	140-54037	. TUBE ASSY, Battery vent drain	1	
-33	227-31420	. HOUSING, Fus sta 20.875 to sta 26.75 elec ext power receptacle assy of	1	H
	151-54292-11	. . SPRING, Elect ext power receptacle door	1	H
-34	227-31421	. DOOR, Fus sta 20-875 to sta 26.75 elec ext power receptacle, assy of (when exh use 227-31421-21)	1	H
	227-31421-21	. DOOR, Fus sta 20.875 to sta 26.75 elec ext power receptacle, assy of (use 227-31421 until exh)	1	H
-35	176-31731-47	. CLIP, Fus assy sta 0 to sta 126.413 nose section	1	B
-36	176-31731-49	. ANGLE, Fus assy sta 0 to sta 126.413 nose section	1	B

USEABLE ON CODE:

A 51-2850 thru 51-13169
B 51-13170 thru 52-5163, 52-5272 thru 52-5530
C 52-5164 thru 52-5271, 53-1072 and subs
D 51-2850 thru 51-13397, 52-4305 thru 52-4804
E 51-13398 thru 51-13510, 52-4805 and subs
F 51-2928 and subs
G 51-2850 thru 51-2927
H 55-3831 and subs

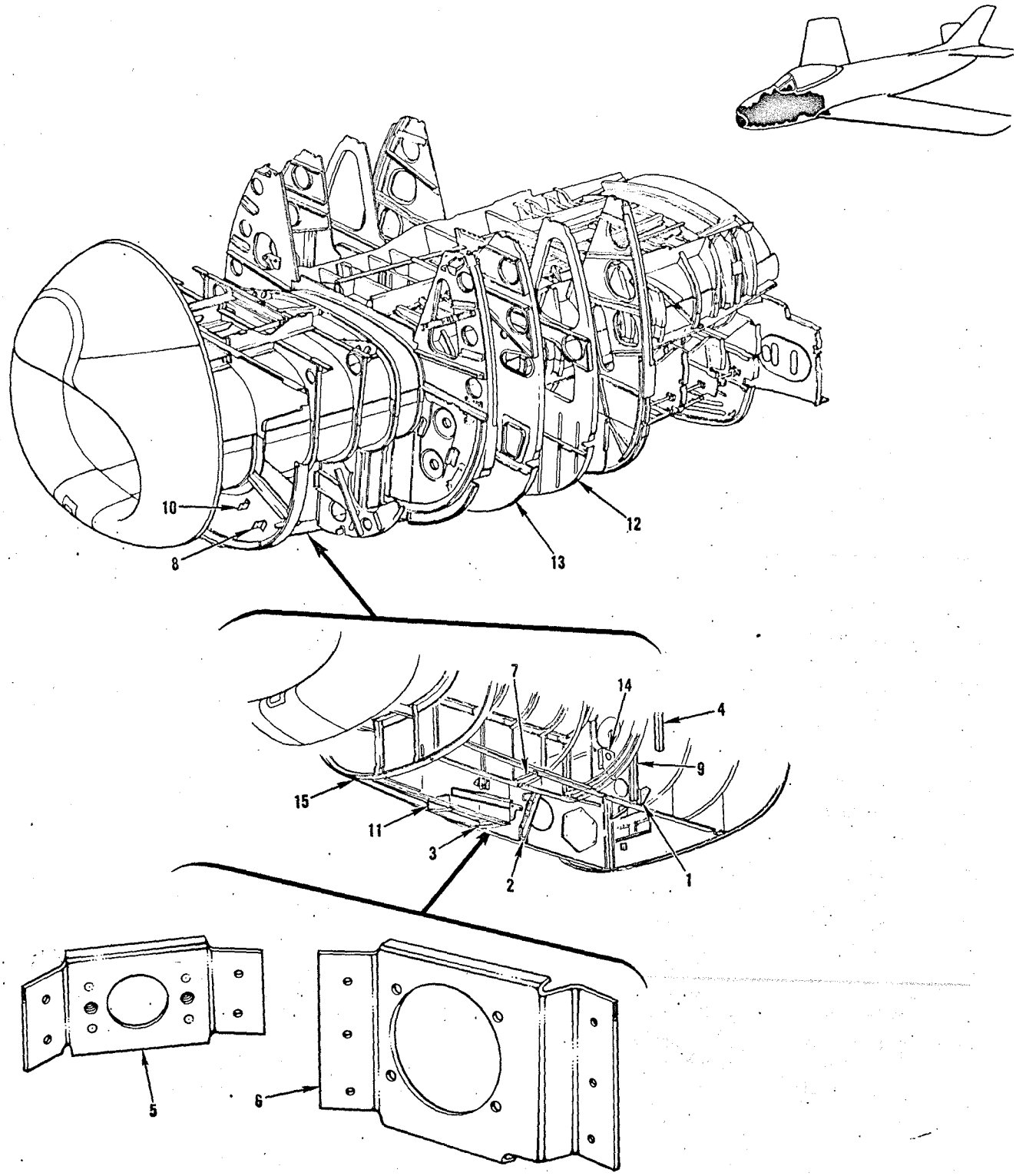


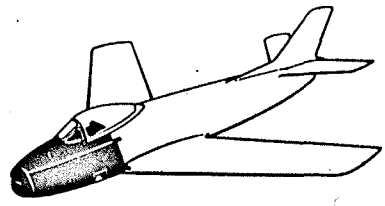
FIGURE 116 - STATION 0 TO STATION 84.5 NOSE SECTION FUSELAGE ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX. NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
116	No Number		STATION 0 TO STATION 84.5 NOSE SECTION FUSELAGE ASSEMBLY (see fig. 115 for next assy)	NP	
-1	151-31439	.	FITTING, Fus sta 62.625 channel supporting LH	1	A
-2	151-31442-20	.	SUPPORT ASSY, Fus s a 62.625 duct channel RH	1	B
-3	151-31463	.	SUPPORT, Fus sta 41.5 to 53.5 actuating cylinder RH	1	
-4	152-31139-1	.	ANGLE, Fus sta 62.625 side stiffening LH	1	
	152-31139-2	.	ANGLE, Fus sta 62.625 side stiffening RH	1	
	191-31139	.	CHANNEL ASSY, Fus sta 62.625 LH frame	1	F
-5	170-61031	.	BRACKET ASSY, 50 cal. nose guns pneumatic charger air bottle filler valve	1	A,C
-6	170-61032	.	BRACKET, 50 cal. nose guns pneumatic charger pressure gage	1	A,C
-7	176-31179	.	FRAME, Fus sta 35.125 wheel well LH	1	D
-8	176-31181-1	.	CLIP ASSY, Fus sta 26.75 attaching LH	1	D
	176-31181-2	.	CLIP ASSY, Fus sta 26.75 attaching RH	1	D
-9	176-31184	.	ANGLE, Fus sta 62.625 wheel well (RH aft)	1	D
	176-31185	.	ANGLE, Fus sta 62.625 wheel well (LH aft)	1	E
	176-31186	.	ANGLE, Fus sta 62.625 wheel well (RH fwd)	1	D
-10	176-31187	.	CLIP, Fus sta 26.75 attaching	2	D
-11	176-31196	.	FRAME, Fus sta 35.125 wheel well RH	1	D
-12	191-31111	.	FRAME ASSY, Fus sta 71.75 side	1	F
-13	191-31120	.	FRAME ASSY, Fus sta 62.625 LH	1	F
	191-31120-10	.	FRAME ASSY, Fus sta 62.625 RH	1	F
-14	191-31451	.	ANGLE ASSY, Fus sta 62.625 nose wheel web LH	1	F
-15	191-31462	.	STRINGER ASSY, Fus sta 26.75 to sta 84.5 lower LH BP 12.5	1	F

USEABLE ON CODE:

A 51-2850 thru 52-5163
B 51-13090 and subs
C 52-5272 thru 52-5277,
52-5279 thru 52-5290,
52-5292,
52-5294 thru 52-5295,
52-5297 thru 52-5298,
52-5300 thru 52-5302,
52-5304
D 51-13170 and subs
E 51-13170 thru 52-5163,
52-5272 thru 52-5530
F 52-5164 and subs



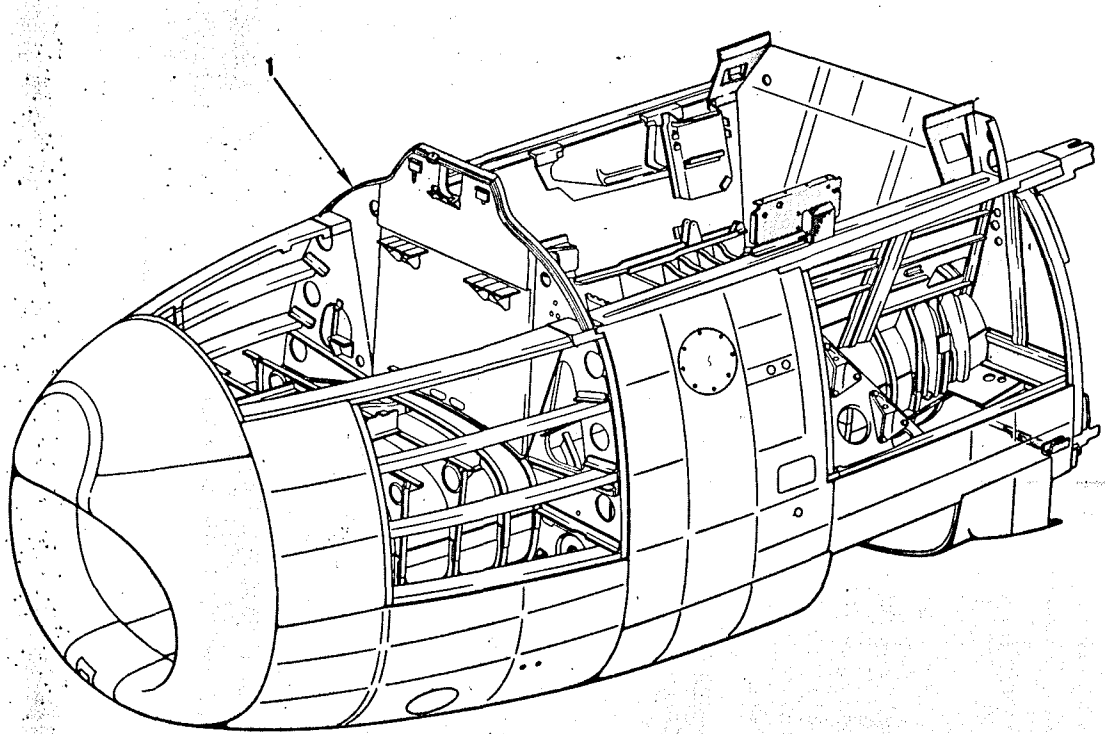


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FIGURE 117 - SPARE LOWER FUSELAGE COMPLETE FRAME ASSEMBLY

FUSELAGE (CONT)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
117-1	176-317930		FRAME ASSY, FUS STA 0 TO 84.5 LOWER (SPARE)	1	
			TO CONSIST OF THE FOLLOWING AND THEIR ATTACHING RAW STOCK:		
	152-31101-201	.	DUCT ASSY, STA 0 TO STA 131 COMPLETE (LESS 152-31102-60) . . . (SEE FIG. 128)	1	
	151-31113	.	FRAME ASSY, FUS STA 26.75 BOTTOM (SEE FIG. 128)	1	
	151-31115	.	FRAME ASSY, FUS STA 41.5 LOWER SIDE LH (SEE FIG. 128)	1	
	151-31119-299	.	FRAME ASSY, FUS STA 53.5 SIDE LH (SEE FIG.128)	1	
	151-31119-312	.	FRAME ASSY, FUS STA 53.5 SIDE RH (SEE FIG. 128)	1	
	151-31141-51	.	BEAM ASSY, FUS STA 26.75 TO 53.5 LH TRUNNION (SEE FIG. 135) .	1	
	151-31142	.	BEAM ASSY, FUS STA 26.75 TO 53.5 RH TRUNNION (SEE FIG. 135) .	1	
	151-31144-61	.	BEAM ASSY, FUS STA 53.5 TO 84.5 RH NOSE WHEEL (SEE FIG. 135) .	1	
	151-31468	.	FRAME ASSY, FUS STA 41.5 LOWER SIDE RH (SEE FIG. 128)	1	
	151-31633	.	ANGLE, FUS STA 35.125 LH TRUNNION BEAM DUCT FWD BOLTING . . . (SEE FIG. 128)	1	
	151-31634	.	ANGLE, FUS STA 35.125 RH TRUNNION BEAM DUCT FWD BOLTING . . . (SEE FIG. 128)	1	
	151-31635	.	ANGLE, FUS STA 35.125 RH TRUNNION BEAM DUCT AFT BOLTING . . . (SEE FIG. 128)	1	
	151-31636-1	.	ANGLE, FUS STA 35.125 STA 41.5 AND STA 47.5 TRUNNION BEAM . . DUCT BOLTING LH (SEE FIG. 128)	1	
	151-31636-2	.	ANGLE, FUS STA 35.125 STA 41.5 AND STA 47.5 TRUNNION BEAM . . DUCT BOLTING RH (SEE FIG. 128)	4	
	151-31637	.	ANGLE, FUS STA 53.5 RH BEAM FORWARD BOLTING (SEE FIG. 128) .	1	
	151-31706	.	CHANNEL, FUS STA 62.625 TO 71.75 BUNGEE SUPPORT (SEE FIG. 128)	1	
	151-33607	.	BRACKET ASSY, LG EMERGENCY RELEASE AUX WHEEL DOOR LOCK . . . . BELLCRANK (SEE FIG. 128)	1	
	151-33637	.	ROD, LG EMER RELEASE AUX WHEEL DOOR LOCK ADJUST (SEE FIG. 413)	1	
	140-33652	.	WASHER, LG EMER RELEASE AUX GEAR WHEEL DOOR LOCK (SEE FIG.413)	1	
	120-63210	.	SPRING, LG EMER RELEASE AUX GEAR WHEEL DOOR LOCK ACTUATING . . ROD (SEE FIG. 413)	1	
	151-31439	.	FITTING, FUS STA 62.625 CHANEL SUPPORTING LH (SEE FIG. 116) .	1	
	151-31463	.	SUPPORT, FUS STA 41.5 TO 53.5 ACTUATING CYL RH (SEE FIG. 116)	1	
	176-31184	.	ANGLE, FUS STA 62.625 WHEEL WELL (SEE FIG.116)	1	
	176-31185	.	ANGLE, FUS STA 62.625 WHEEL WELL (SEE FIG. 116)	1	
	176-31186	.	ANGLE, FUS STA 62.625 WHEEL WELL (SEE FIG. 116)	1	
	176-31187	.	CLIP, FUS STA 26.75 ATTACHING (SEE FIG. 116)	2	
	176-31179	.	FRAME, FUS STA 35.125 WHEEL WELL (SEE FIG. 116)	1	
	176-31196	.	FRAME, FUS STA 35.125 WHEEL WELL (SEE FIG. 116)	1	
	176-31181-1	.	CLIP ASSY, FUS STA 26.75 ATTACHING LH (SEE FIG. 116)	1	
	176-31181-2	.	CLIP ASSY, FUS STA 26.75 ATTACHING RH (SEE FIG. 116)	1	
	170-61032	.	BRACKET, 50 CAL. NOSE GUNS PNEUMATIC CHARGER PRESSURE . . . . GAGE (SEE FIG. 116)	1	
	151-31120-122	.	FRAME ASSY, FUS STA 62.625 SIDE RH (SEE FIG. 114)	1	
	176-31731-47	.	CLIP, FUS ASSY STA 0 TO 126.413 NOSE SECTION (SEE FIG. 115) .	1	
	176-31731-49	.	ANGLE, FUS ASSY STA 0 TO 126.413 NOSE SECTION (SEE FIG. 115).	1	
	151-31111-62	.	FRAME ASSY, FUS STA 71.75 SIDE RH (SEE FIG. 114)	1	
	151-33626	.	ARM ASSY, LG EMER RELEASE AUX WHEEL DOOR LOCK ACTUATING . . . (SEE FIG. 115)	1	
	151-31442-20	.	SUPPORT ASSY, FUS STA 62.625 DUCT CHANNEL RH (SEE FIG. 116) .	1	
	151-34610	.	BRACKET ASSY, AUX LG STEERING CABLE FUS STA 53.5 LOWER . . . . (SEE FIG. 128)	1	
	151-31128-40	.	FRAME ASSY, FUS STA 84.5 BOTTOM (SEE FIG. 134)	1	
	152-34186-20	.	FITTING ASSY, NOSE GEAR ROTATING MECH ANCHOR RH (SEE FIG. 135)	1	
	152-31139-2	.	ANGLE, FUS STA 62.625 SIDE STIFFENING RH (SEE FIG. 116) . . .	1	
	152-31121-3	.	FITTING, NOSE GEAR DRAG STRUT SUPPORT (SEE FIG. 115)	1	
	152-34161	.	FITTING ASSY, AUX LG DRAG BRACE FUS ATTACHING (SEE FIG. 115).	1	
	191-31111	.	FRAME ASSY, FUS STA 71.75 SIDE (SEE FIG. 116)	1	
	191-31120	.	FRAME ASSY, FUS STA 62.625 LH (SEE FIG. 116)	1	
	191-31120-10	.	FRAME ASSY, FUS STA 62.625 RH (SEE FIG. 116)	1	
	170-61031	.	BRACKET ASSY, 50 CAL NOSE GUNS PNEUMATIC CHARGER AIR BOTTLE . FILLER VALVE (SEE FIG. 116)	1	
	191-31139	.	CHANNEL ASSY, FUS STA 62.625 LH FRAME (SEE FIG. 116)	1	
	191-31443	.	BEAM ASSY, FUS STA 53.5 TO STA 56.188 FWD NOSE GEAR DOOR . . . HINGE (SEE FIG. 128)	1	
	191-31451	.	ANGLE ASSY, FUS STA 62.625 NOSE WHEEL WEB LH (SEE FIG. 116) .	1	
	191-31462	.	STRINGER ASSY, FUS STA 26.75 TO STA 84.5 LOWER LH BP 12.5 . . (SEE FIG. 116)	1	
	191-31442	.	BEAM ASSY, FUS STA 71.750 TO STA 84.5 NOSE WHEEL LH . . . . . (SEE FIG. 128)	1	
	191-31441	.	FITTING, FUS STA 62.625 NOSE WHEEL DIAGONAL BRACE LH . . . . . (SEE FIG. 114)	1	
	140-34532-20	.	TOGGLE ASSY, NOSE WHEEL DOOR (SEE FIG. 127)	1	
	140-31033	.	BRACKET, AMMUNITION ACCESS DOOR CABLE SUPPORT (SEE FIG. . . . 134 & 149)	2	
	140-34551	.	ROD ASSY, NOSE WHEEL DOOR FRONT LATCH TO REAR LATCH . . . . . (SEE FIG. 408)	1	
	140-34554	.	ROD ASSY, NOSE WHEEL DOOR REAR LATCH OPERATING (SEE FIG. 408)	1	
	140-34562	.	BUNGEE ASSY, AUX LG WHEEL DOOR LOCK TOGGLE ACTUATING . . . . . (SEE FIG. 408)	1	
	140-34570	.	BELLCRANK ASSY, AUX LG WHEEL DOOR LOCK TOGGLE ACTUATING . . . COMPLETE (SEE FIG. 115)	1	
	140-34557	.	LATCH ASSY, NOSE WHEEL DOOR COMPLETE (SEE FIG. 115)	1	
	140-34558	.	BELLCRANK ASSY, NOSE WHEEL DOOR REAR LATCH COMPLETE . . . . . (SEE FIG. 115)	1	
	140-34567	.	FITTING, AUX LG WHEEL DOOR LOCK BUNGEE SUPPORT (SEE FIG. 115)	1	

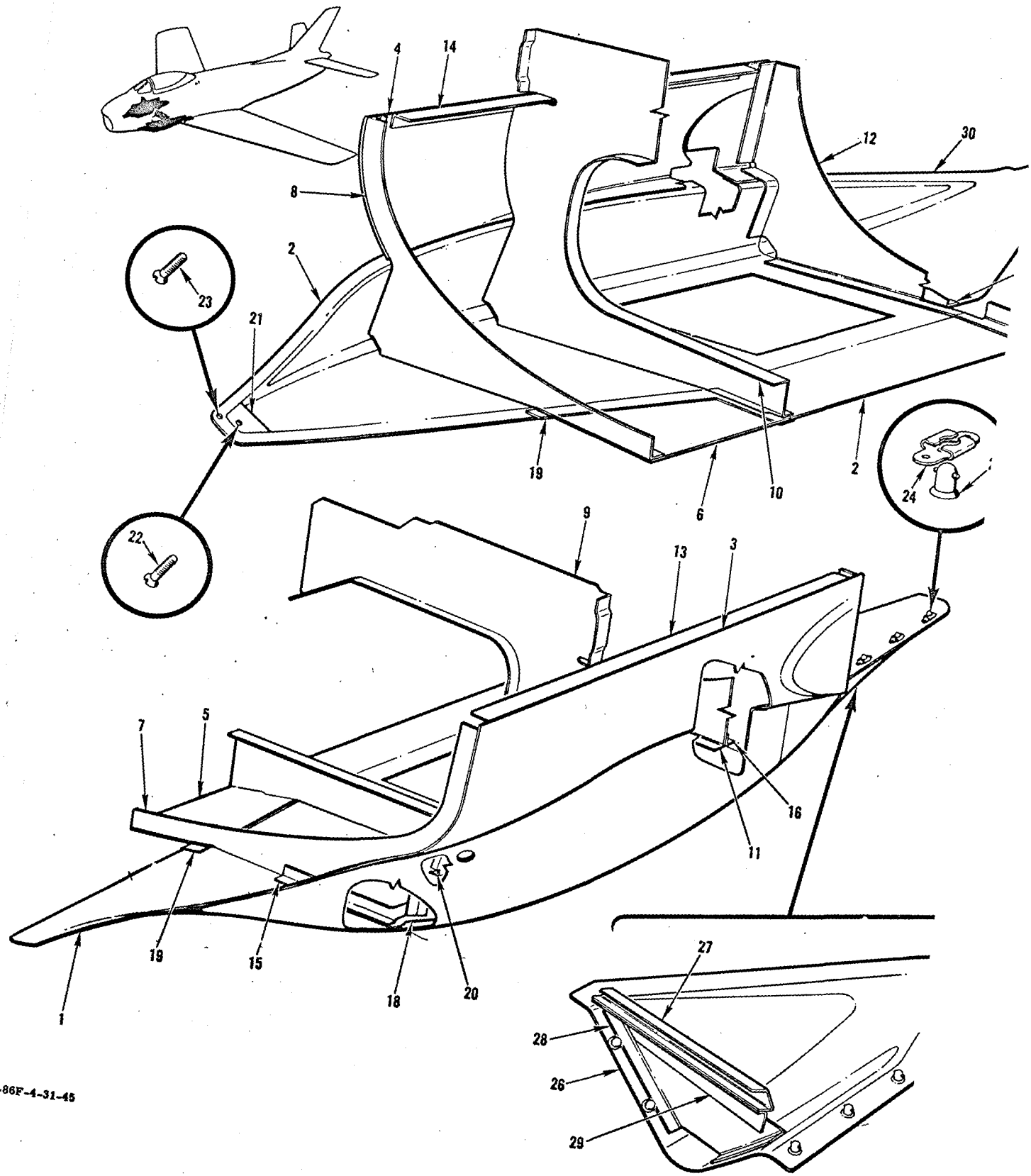

FIGURE 118 - STATION 69.69 TO STATION 125.5 CORNER FAIRING ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
118	54FEK407	*1	Structure Installation, Fuselage	NP	
	54FEK690		. Fairing Installation, Corner, Fus Sta 70 to 109	NP	
-1	54FEF691		. . Fairing Corner, LH	1	
-2	54FEF692		. . Fairing Corner, RH	1	
-3	54FEC693L		. . Panel, Corner Fairing, Upper LH	1	
-4	54FEC693R		. . Panel, Corner Fairing, Upper RH	1	
-5	54FEB694L		. . Panel, Corner Fairing, Lower LH	1	
-6	54FEB694R		. . Panel, Corner Fairing, Lower RH	1	
-7	54FEC695		. . Former, Corner Fairing, Fus Sta 84.5, LH	1	
-8	54FEC696		. . Former, Corner Fairing, Fus Sta 84.5, RH	1	
-9	54FEC697		. . Bulkhead, Corner Fairing, Fus Sta 92.95, LH	1	
-10	54FEC698		. . Bulkhead, Corner Fairing, Fus Sta 92.95, RH	1	
-11	54FEC699L		. . Former, Corner Fairing, Fus Sta 109 LH	1	
-12	54FEC699R		. . Former, Corner Fairing, Fus Sta 109 RH	1	
-13	54FEB700L		. . Stiffener, Corner Fairing LH	1	
-14	54FEB700R		. . Stiffener, Corner Fairing RH	1	
-15	54FEA701		. . Support, Corner Fairing, Fus Sta 84.5	1	
-16	54FEB702		. . Support, Corner Fairing, Fus Sta 109 LH	1	
-17	54FEB703		. . Support, Corner Fairing, Fus Sta 109 RH	1	
-18	54FEB704		. . Reinforcement, Step, Corner Fairing	1	
-19	54FEA294		. . Spacer, Bulkhead	2	
-20	54FEA298		. . Bracket, Hook Button, Corner Fairing	1	
-21	No Number		. . Shim, Locally Mfg. as Required	1	
-22	AN509-10R10		. . Screw	1	
-23	AN509-10R11		. . Screw	1	
	54FEF402		. Fairing Installation, LH Corner, Sta 109 to 125.5	NP	
-24	99947P130		. . Receptacle, Airloc	5	
-25	99834-1-120		. . Stud, Airloc	5	
	99836		. . . Pin, Airloc	5	
-26	54FEC403		. . Fairing, Corner, Fus Sta 109 to 125.5 LH	1	
-27	54FEB405		. . Channel, Corner Fairing, Fus Sta 111 1/4 LH	1	
-28	54FEB406		. . Former, Corner Fairing, Sus Sta 111 LH	1	
-29	54FEB1984		. . Former, Top, Corner Fairing, Fus Sta 111 LH	1	
	54FEF401		. Fairing Assy, Corner, Sta 109 to 125.5 RH	1	
-30	54FEC404		. . Fairing Corner Fus Sta 109 to 125.5 RH	1	

*1 Used on RF-86F-30 airplanes only

FUSELAGE (Cont)

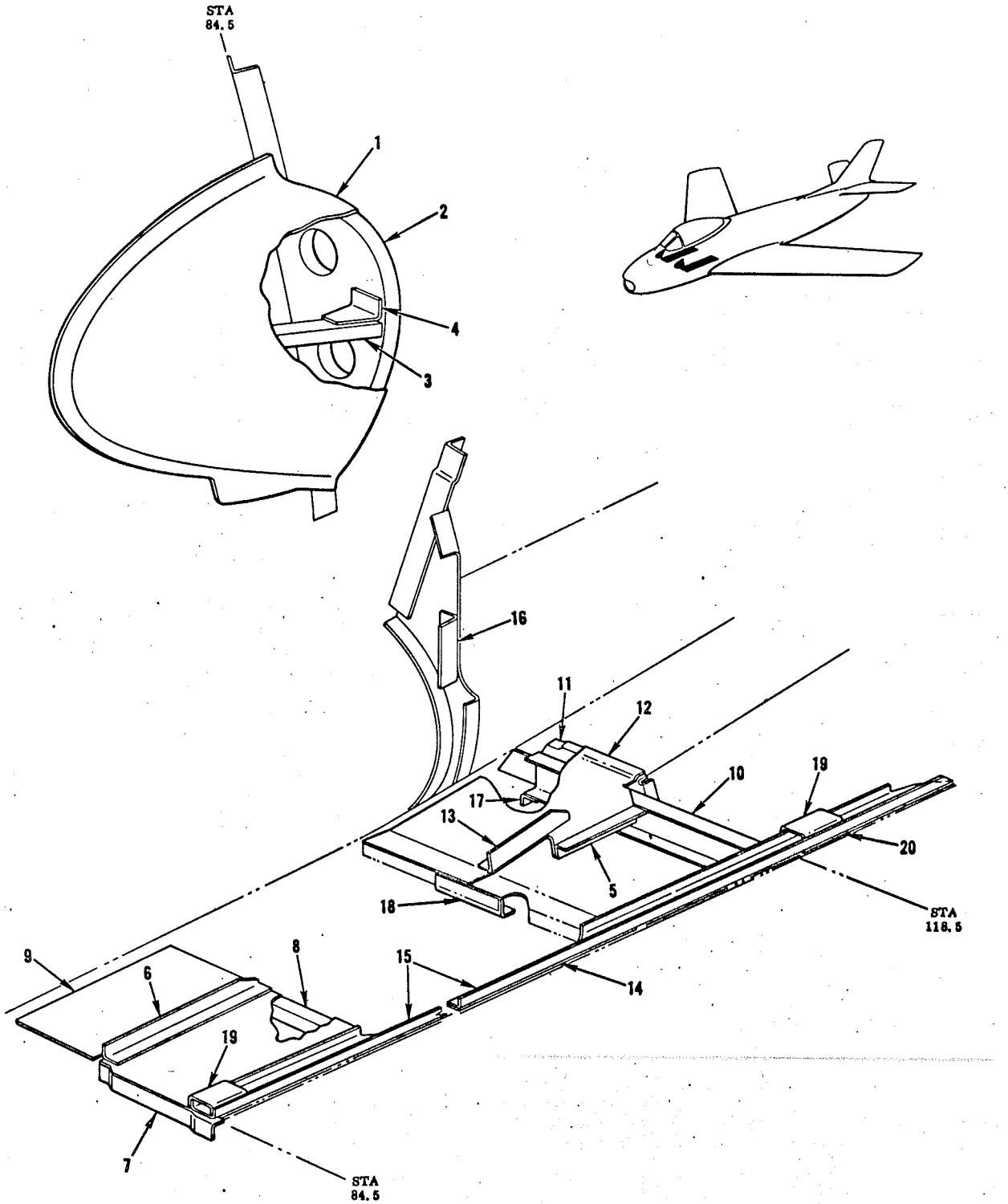

FIGURE 119 - FORWARD FAIRING AND HORIZONTAL SHEAR WEB

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
119	54FEK407	*1	Structure Installation, Fuselage	NP	
	54FEH1925		. Fwd Fairing Installation, Blister	NP	
-1	54FEC1926L		. . Fwd Fairing, Blister LH	1	
	54FEC1926R		. . Fwd Fairing, Blister RH	1	
-2	54FEC1927L		. . . Former, Fwd, Fairing, Sta 83 7/32 LH	1	
	54FEC1927R		. . . Former, Fwd, Fairing, Sta 83 7/32 RH	1	
-3	54FEB1928L		. . . Stiffener, Fwd Fairing LH	1	
	54FEB1928R		. . . Stiffener, Fwd Fairing RH	1	
-4	54FEA1929L		. . . Clip, Fwd Fairing LH	1	
	54FEA1929R		. . . Clip, Fwd Fairing RH	1	
	54FEJ381		. Structure Assy, Horizontal Shear Web	2	
-5	54FEA382		. . Angle, Lower, Rear	1	
-6	54FEA383L		. . Angle, Upper, Front LH	1	
	54FEA383R		. . Angle, Upper, Front RH	1	
-7	54FEB384L		. . Angle, Sta 84.5 LH	1	
	54FEB384R		. . Angle, Sta 84.5 RH	1	
-8	54FEB385L		. . Angle, Sta 92.95	1	
	54FEB385R		. . Angle, Sta 92.95	1	
-9	54FEB386		. . Plate, Front	1	
-10	54FEC387-1L		. . Channel, Frame Assy, Sta 118.5 LH	1	
	54FEC387-1R		. . Channel, Frame Assy, Sta 118.5 RH	1	
-11	54FEC387-2L		. . Brace, Frame Assy, Sta 118.5 LH	1	
	54FEC387-2R		. . Brace, Frame Assy, Sta 118.5 RH	1	
-12	54FEC388-1L		. . Plate, Shelf Assy, Rear LH	1	
	54FEC388-1R		. . Plate, Shelf Assy, Rear RH	1	
-13	54FEC388-2L		. . Angle, Shelf Assy, Rear LH	1	
	54FEC388-2R		. . Angle, Shelf Assy, Rear RH	1	
-14	54FED389L		. . Channel, Side, Sta 84.5 to 126.419 LH	1	
	54FED389R		. . Channel, Side, Sta 84.5 to 126.419 RH	1	
-15	54FEA390		. . Spacer, Side	2	
-16	54FEA391		. . Angle, Support, Check Valve	2	
-17	54FEA1516		. . Clip, Sta 118.5	2	
-18	54FEA1752		. . Clip, Bracket, Pulley	1	
-19	54FEA1764		. . Channel, Reinforcement	4	
-20	54FEA1976		. . Shim, Side	2	

*1 Used on RF-86F-30 airplanes only

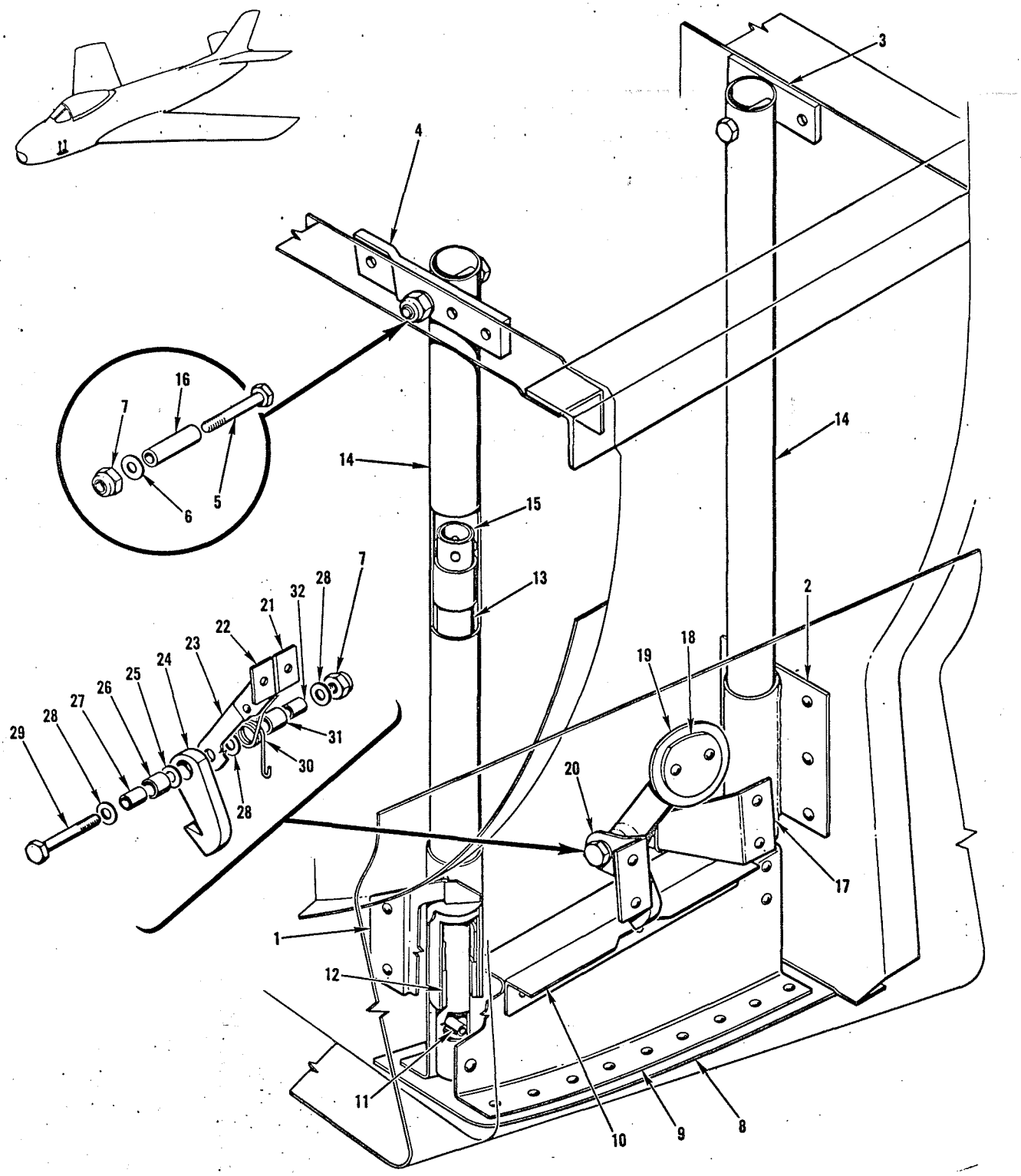

FIGURE 120 - TELESCOPIC STEP INSTALLATION

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
120	54FEK407	*1	Structure Installation, Fuselage	NP	
	54FEF340		. Step Installation, Telescoping	NP	
-1	54FEA349		. . Support Assy, Fus Sta 84.5, Step	1	
-2	54FEA350		. . Support Assy, Fus Sta 92.95, Step	1	
-3	54FEA352		. . Spacer, Fus Sta 84.5, Step	1	
-4	54FEA351		. . Spacer, Fus Sta 92.95, Step	1	
-5	AN3-20		. . Bolt	2	
-6	AN960-10		. . Washer	2	
-7	AN365-1032		. . Nut	3	
	54FEC341		. . Step Assembly, Telescoping	1	
	54FEB342		. . . Step Assy, Telescoping Door	1	
-8	54FEC342-1		. . . . Cover, Step	1	
-9	54FEC342-2		. . . . Channel, Step	1	
-10	54FEC342-3		. . . . Angle, Step	1	
-11	54FEA345		. . . Spacer, Tube, Inner	4	
-12	54FEA347		. . . Sleeve, Inside Lower	2	
-13	54FEA343		. . . Tube, Inner, Sliding	2	
-14	54FEA346		. . . Tube, Outer, Sliding	2	
-15	54FEA344		. . . Sleeve, Inside Upper	2	
-16	54FEA348		. . . Spacer, Tube, Outer	2	
	54FEC358		. . Hook Assy, Fus Sta 88.925, Teles. Step	1	
-17	54FEA360		. . . Bracket, Hook, LH	1	
-18	54FEA366		. . . Button, Hook	1	
-19	54FEA365		. . . Stop, Hook	1	
-20	54FEA359		. . . Bracket, Hook RH	1	
-21	54FEA364		. . . Clip, Hook, LH	1	
-22	54FEA363		. . . Clip, Hook, RH	1	
-23	54FEA362		. . . Lever, Hook	1	
-24	54FEA361		. . . Hook	1	
-25	54FEA368		. . . Washer, Hook	1	
-26	54FEA370-1		. . . Spacer, Large, Hook	1	
-27	54FEA369-1		. . . Spacer, Small, Hook	1	
-28	AN960C10		. . . Washer	3	
-29	AN3-13A		. . . Bolt	1	
-30	54FEA367		. . . Spring, Hook	1	
-31	54FEA370-2		. . . Spacer, Large, Hook	1	
-32	54FEA369-2		. . . Spacer, Small, Hook	1	

*1 Used on RF-86F-30 airplanes only

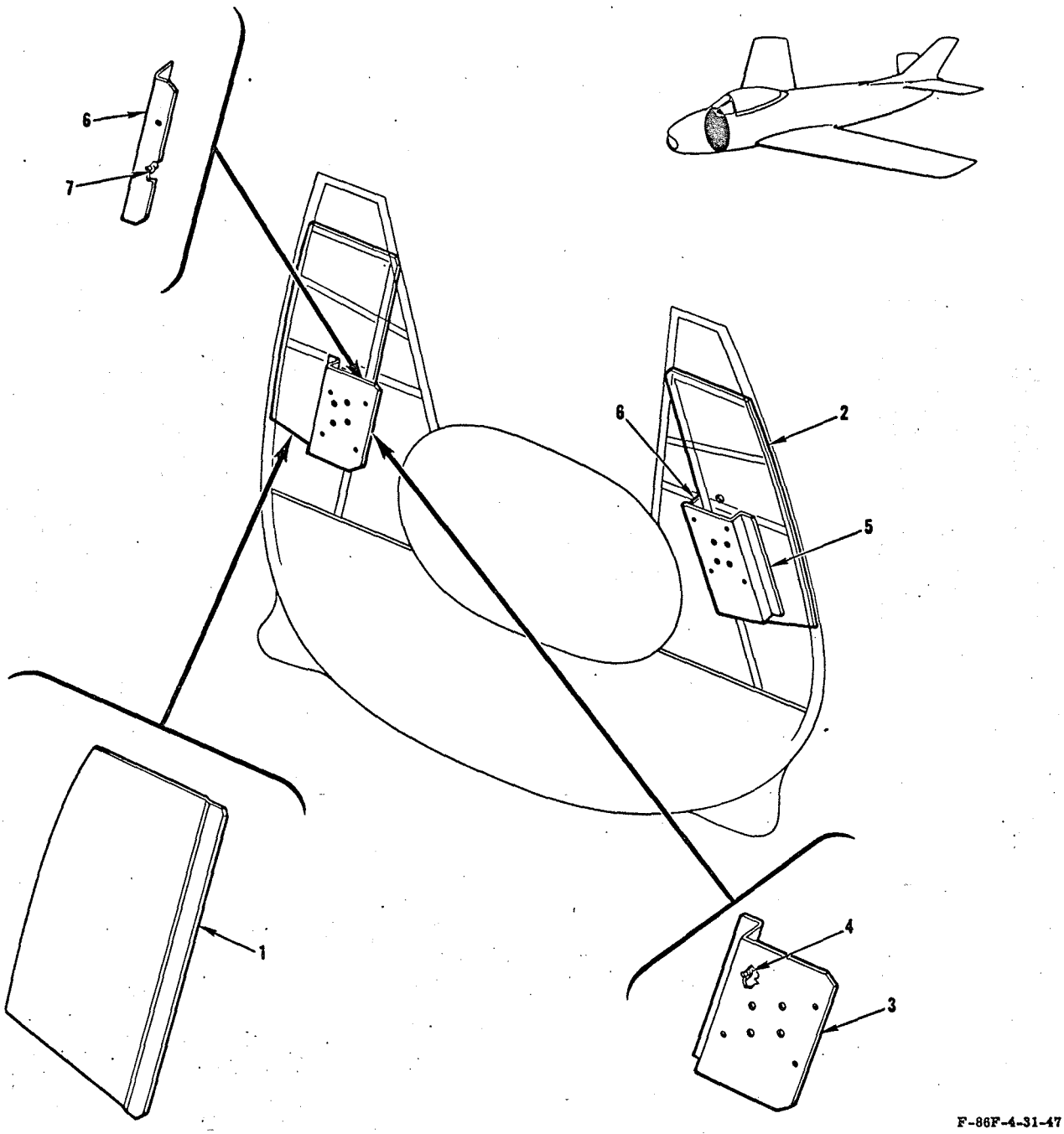

FIGURE 121 - VACUUM PUMP MOUNTING INSTALLATION

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE O CODE
121	54FEK407	*1	Structure Installation, Fuselage	NP	
	54FEJ508		. Mounting Installation, Vacuum Pump	NP	
-1	54FEC509L		. . Plate, Screen, Frame, Fus Sta 84.5 LH	1	
-2	54FEC509R		. . Plate, Screen, Frame, Fus Sta 84.5 RH	1	
-3	54FEC510		. . Support, Vacuum Pump LH	1	
-4	AN366F1032		. . . Nut, Plate	2	
-5	54FEC511		. . Support, RH	1	
	AN366F1032		. . . Nut, Plate	2	
-6	54FEB512		. . Angle, Support, Vacuum Pump	2	
-7	AN366F1032		. . . Nut, Plate	4	

*1 Used on RF-86F-30 airplanes only

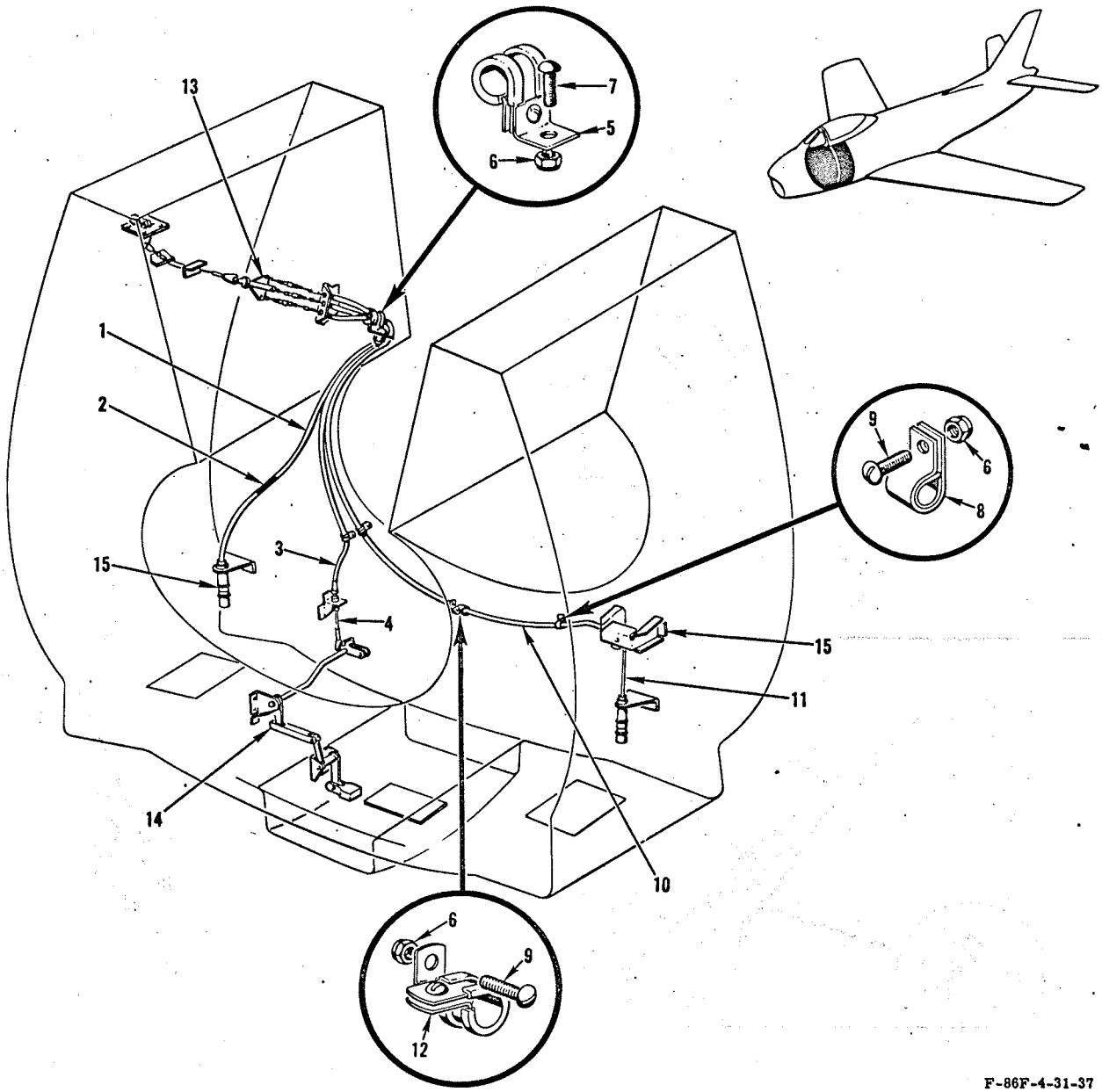

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FIGURE 122 - CAMERA DOOR MANUAL RELEASE INSTALLATION

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
122	54FEK1743	*1	Manual Release Installation, Camera Door	NP	
-1	AN8016-3-21		. Casing, Flex, Steel, Push-Pull Control	1	
-2	No Number		. Cable, Extra Flex, 1/16 Dia., 29 Long,(Spec MIL-C1511)	1	
-3	AN8016-3-27		. Casing, Flex., Steel, Push-Pull Control	1	
-4	No Number		. Cable, Extra Flex., 1/16 Dia., 33 Long,(Spec MIL-C1511)	1	
-5	784-11		. Clip, End Lug, (Adel)	1	
-6	AN365-1032		. Nut	7	
-7	AN520-10-7		. Screw	2	
-8	AN742D5		. Clamp	3	
-9	AN515-10-6		. Screw	5	
-10	AN8016-3-58		. Casing, Flex., Steel, Push-Pull Control	1	
-11	No Number		. Cable, Extra Flex., 1/16 Dia, 72 Long,(Spec MIL-C1511)	1	
-12	758-5		. Clip, Side Lug, (Adel)	1	
-13	See Figure 123 For This Equipment			Ref	
-14	See Figure 143 For This Equipment			Ref	
-15	See Figure 155 For This Equipment			Ref	

*1 Used on RF-86F-30 airplanes only

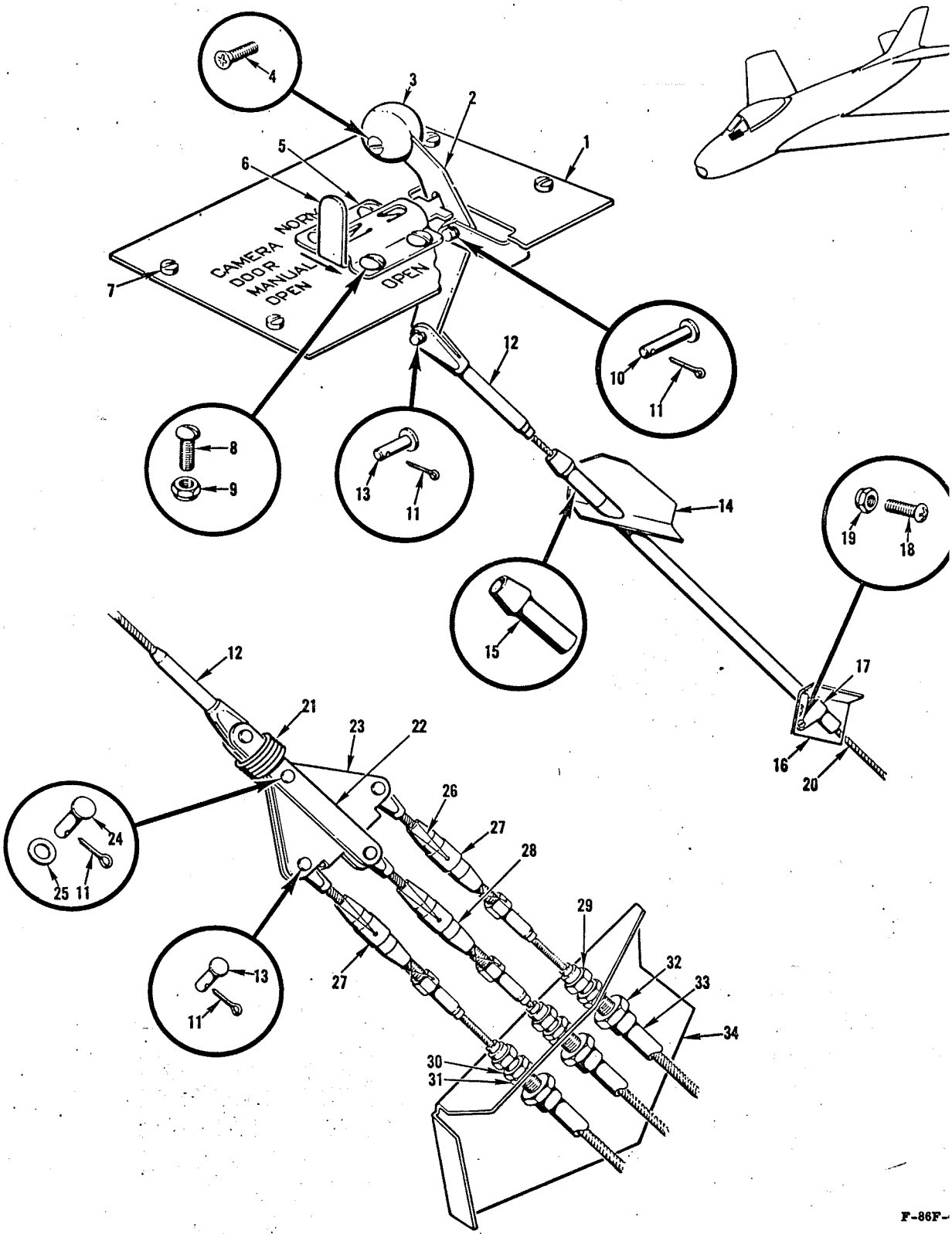

FIGURE 123 - COCKPIT MANUAL RELEASE INSTALLATION

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
123	54FEK1743	*1	Manual Release Instl, Camera Door	NP	
	54FEC1753		. Panel Assy, Manual Release, Door	1	
-1	54FEC1754		. . Panel, Manual Release, Door	1	
-2	54FEB1755		. . Lever, Handle, Manual Release	1	
-3	54FEA1756		. . Knob, Handle, Manual Release	1	
-4	AN509-10R11		. . Screw	1	
-5	54FEB1776		. . Holder, Stop	1	
-6	54FEA1775		. . Stop, Handle, Manual Release	1	
-7	PF3 1/2 38		. . Stud, Fastener, (Dzus)	4	
	PC3 1/2		. . . Cup, Fastener, (Dzus)	4	
	PC3 1/2		. . . Spring, Fastener (Dzus)	4	
-8	AN526-832-6		. . Screw	4	
-9	AN365-832		. . Nut	4	
-10	AN939-19		. . Pin	1	
-11	AN381-2-8		. . Pin	7	
-12	AN667-3		. Terminal	2	
-13	AN393-9		. Pin	3	
-14	54FEB1762		. Fitting, Cable Guide	1	
-15	55FEA252		. Bushing, Sealing, Cable	1	
-16	54FEA1758-3		. Clip, Cable, Manual Release	1	
-17	AN742D5		. Clamp	1	
-18	AN515-10-6		. Screw	1	
-19	AN365-1032		. Nut	1	
-20	No Number		. Cable, Extra Flex. 3/32 Dia, 15 1/2 Long,(Spec MIL-C1511)	1	
	55FEB253		. Extension Assy, Manual Release, Door	1	
-21	54FEA1746		. . Spring, Extension, Short	1	
-22	55FEB255		. . Link Extension	2	
-23	55FEB254		. . Connector, Extension	1	
-24	AN393-13		. . Pin	3	
-25	AN960-10L		. . Washer	3	
-26	AN995F41-18		. Lock Wire	3	
-27	AN145-8S		. Turnbuckle Assy	2	
	AN155-8S		. . Barrel	2	
	AN165-8RS		. . Eye	2	
	AN669S2LH		. . Terminal	2	
-28	AN146-8S		. Turnbuckle Assy	1	
-29	AN364-428		. Nut	3	
-30	AN345-416		. Nut	3	
-31	AN316-4R		. Nut	3	
-32	AN8005-1		. Stop, Flexible Push-Pull Control Casing	3	
-33	AN8004-1		. Cap, Flexible Push-Pull Control Casing	3	
-34	54FEB1757		. Bracket, Manual Release Cable	1	

*1 Used on RF-86F-30 airplanes only

FUSELAGE (Cont)

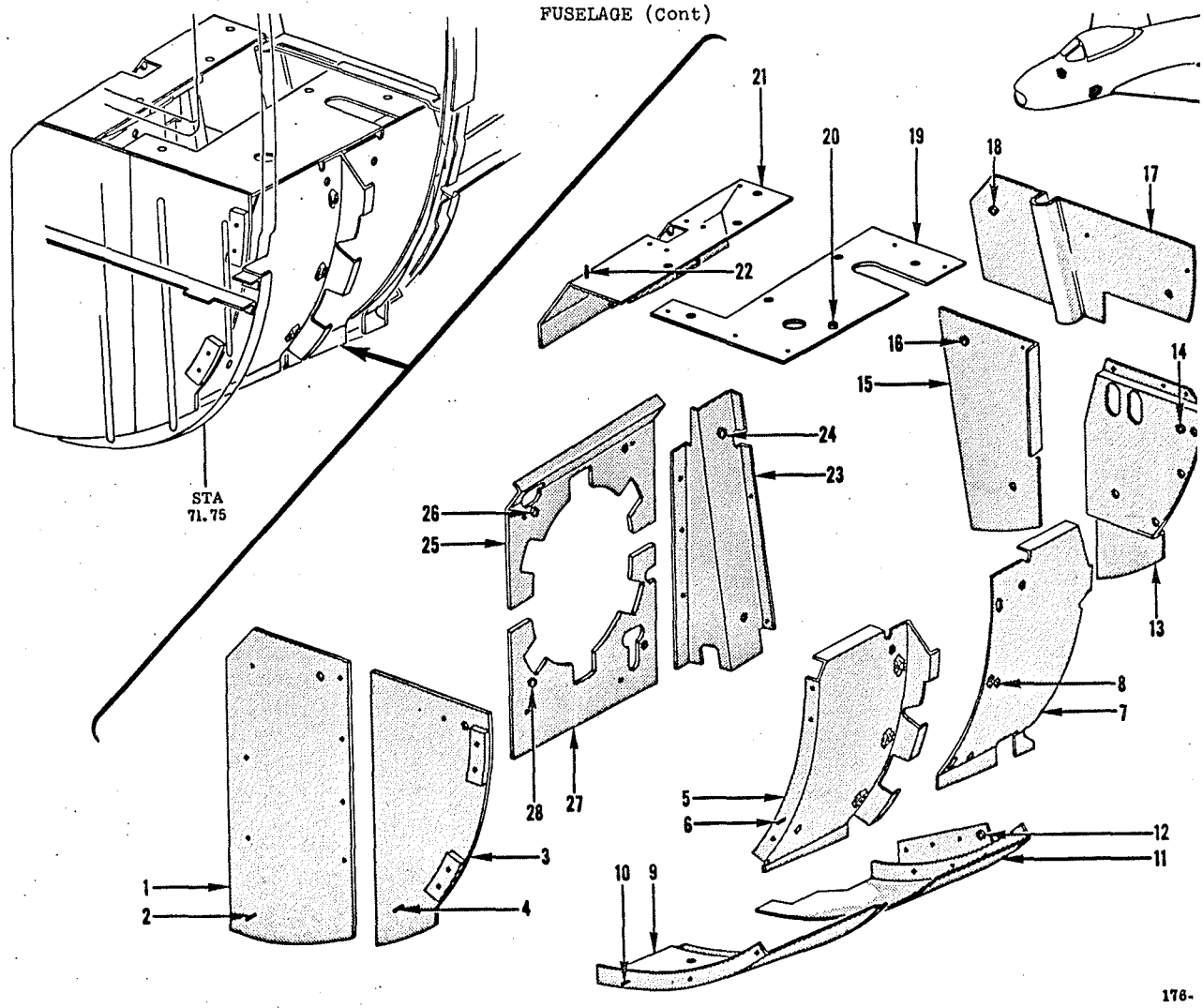

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FIGURE 124 - .50 CALIBER CASE AND LINK EJECTION COMPARTMENT LINERS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USI
124	151-61074	LINER INSTALLATION, .50 Cal case and link ejection compartment . (see figure 115 for next assembly)	NP	
	151-61074-10	LINER INSTALLATION, .50 cal case and link ejection compartment . (see figure 115 for next assembly)	NP	
	No Number	. FUSELAGE STATION 109 TO 125.75 .50 CALIBER CASE AND LINK . . EJECTION LINERS (see fig. 125 for breakdown)	NP	
	No Number	. FUSELAGE STATION 109 TO 125.75 .50 CALIBER CASE AND LINK . . EJECTION LINERS (see fig. 126 for breakdown)	NP	
-1	151-61036	. LINER, .50 Caliber case and link ejection sta 71 3/4 inboard	2	
	151-61036-1	. LINER, .50 Caliber case and link ejection sta 71 3/4 . . . . inboard LH	1	
	151-61036-2	. LINER, .50 Caliber case and link ejection sta 71 3/4 . . . . inboard RH	1	
		ATTACHING PARTS		
-2	AN515-6-8	. SCREW	3	
	AN960-6	. WASHER	6	
	AN365-632	. NUT	3	
		---*---		
-3	151-61035-1	. LINER ASSY, .50 Cal case & link ejection sta 71 3/4 outbd LH	1	
	151-61035-2	. LINER ASSY, .50 Cal case & link ejection sta 71 3/4 outbd RH	1	
		ATTACHING PARTS		
-4	AN515-6-8	. SCREW	2	
	AN960-6	. WASHER	4	
	AN365-632	. NUT	2	
		---*---		
-5	151-61050-7	. LINER ASSY, .50 Cal case and link ejection skin fwd upper LH	1	
	191-61120-1	. LINER ASSY, .50 Cal case and link ejection skin fwd upper LH	1	
	151-61050-8	. LINER ASSY, .50 Cal case and link ejection skin fwd upper RH	1	
	191-61120-2	. LINER ASSY, .50 Cal case and link ejection skin fwd upper RH	1	
-6	AN515-6-8	. SCREW	2	
	AN960-6	. WASHER	4	
	AN365-632	. NUT	2	

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
124-7	151-61051-1	.	LINER, .50 Cal case and link ejection skin aft upper LH	1	C
	191-61121-1	.	LINER, .50 Cal case and link ejection skin aft upper LH	1	D
	151-61051-2	.	LINER, .50 Cal case and link ejection skin aft upper RH	1	C
	191-61121-2	.	LINER, .50 Cal case and link ejection skin aft upper RH	1	D
-8	NAS221-9	.	SCREW, Brazier head Phillips recess alloy steel	6	
	AN960-10	.	WASHER	12	
	AN365-632	.	NUT	6	
-9	151-61052-1	.	LINER, .50 Cal case and link ejection skin forward lower LH	1	C,*1
	151-61052-2	.	LINER, .50 Cal case and link ejection skin forward lower RH	1	C,*2
-10	AN515-6-8	.	SCREW	6	
	AN960-6	.	WASHER	12	
	AN365-632	.	NUT	6	
-11	151-61053-1	.	LINER ASSY, .50 Cal case and link ejection skin aft lower LH	1	C,*1
	151-61053-2	.	LINER ASSY, .50 Cal case and link ejection skin aft lower RH	1	C,*2
	191-61122	.	LINER ASSY, .50 Cal case and link ejection skin lower LH	1	D,*1
	191-61123	.	LINER ASSY, .50 Cal case and link ejection skin lower RH	1	D,*2
-12	AN515-6-8	.	SCREW	4	
	AN960-6	.	WASHER	8	
	AN365-632	.	NUT	4	
-13	151-61037-1	.	LINER ASSY, .50 Cal case and link ejection sta 84 1/2 lower outboard LH	1	
	151-61037-2	.	LINER ASSY, .50 Cal case and link ejection sta 84 1/2 lower outboard RH	1	
-14	AN515-6-9	.	SCREW	2	
	AN960-6	.	WASHER	4	
	AN365-632	.	NUT	2	
-15	151-61038-3	.	LINER, .50 Cal case & link ejection sta 84 1/2 lower inbd LH	1	C
	151-61038-10	.	LINER, .50 Cal case & link ejection sta 84 1/2 lower inbd LH	1	D
	151-61039-3	.	LINER, .50 Cal case & link ejection sta 84 1/2 lower inbd RH	1	C
	151-61039-10	.	LINER, .50 Cal case & link ejection sta 84 1/2 lower inbd RH	1	D
-16	AN515-6-7	.	SCREW	1	
	AN960-6	.	WASHER	2	
	AN365-632	.	NUT	1	
-17	151-61040	.	LINER, .50 Cal case & link ejection sta 84 1/2 upper LH	1	
	151-61041	.	LINER, .50 Cal case & link ejection sta 84 1/2 upper RH	1	
-18	AN515-6-9	.	SCREW	2	
	AN960-6	.	WASHER	4	
	AN365-632	.	NUT	2	
-19	151-61049-1	.	LINER, .50 Cal case & link ejection ammunition compartment floor outboard LH	1	
	151-61049-2	.	LINER, .50 Cal case and link ejection ammunition compartment floor outboard RH	1	
-20	AN515-6-8	.	SCREW	3	
	AN960-6	.	WASHER	6	
	AN365-632	.	NUT	3	
-21	151-61047	.	LINER ASSY, .50 Cal case and link ejection ammunition compartment floor to internal web LH	1	
	151-61048	.	LINER ASSY, .50 Cal case and link ejection ammunition compartment floor to internal web RH	1	
-22	AN515-6-7	.	SCREW (6 required on RH)	6	
	AN960-6	.	WASHER (12 required on RH)	12	
	AN365-632	.	NUT (6 required on RH)	6	
-23	151-61044	.	LINER, .50 Cal case and link ejection internal web channel (used on LH only)	1	
-24	AN515-6-7	.	SCREW	2	
	AN515-6-8	.	SCREW	2	
	AN960-6	.	WASHER	8	
	AN365-632	.	NUT	4	
-25	151-61043	.	LINER, .50 Cal case and link ejection internal web sta 71 3/4 to 84 1/2 upper LH	1	C
	151-61043-3	.	LINER, .50 Cal case and link ejection internal web sta 71 3/4 to 84 1/2 upper LH	1	D
	151-61046	.	LINER, .50 Cal case and link ejection internal web sta 71 3/4 to 84 1/2 upper RH	1	C
	151-61046-3	.	LINER, .50 Cal case and link ejection internal web sta 71 3/4 to 84 1/2 upper RH	1	D
-26	AN515-6-7	.	SCREW	3	
	AN960-6	.	WASHER	6	
	AN365-632	.	NUT	3	
-27	151-61042	.	LINER, .50 Cal case and link ejection internal web sta 71 3/4 to 84 1/2 lower LH	1	C
	151-61042-10	.	LINER, .50 Cal case and link ejection internal web sta 71 3/4 to 84 1/2 lower LH	1	D
	151-61045	.	LINER, .50 Cal case and link ejection internal web sta 71 3/4 to 84 1/2 lower RH	1	C
	151-61045-3	.	LINER, .50 Cal case and link ejection internal web sta 71 3/4 to 84 1/2 lower RH	1	D
-28	AN515-6-7	.	SCREW	2	
	AN960-6	.	WASHER	4	
	AN365-632	.	NUT	2	

NOTE: *1 191-61122 replaces 151-61052-1 and 151-61053-1
*2 191-61123 replaces 151-61052-2 and 151-61053-2

USEABLE ON CODE: A 51-2850 thru 51-13169
B 51-13170 and subs
C 51-2850 thru 51-13397
52-4305 thru 52-4804
D 51-13398 thru 51-13510
52-4805 and subs

FUSELAGE (Cont)

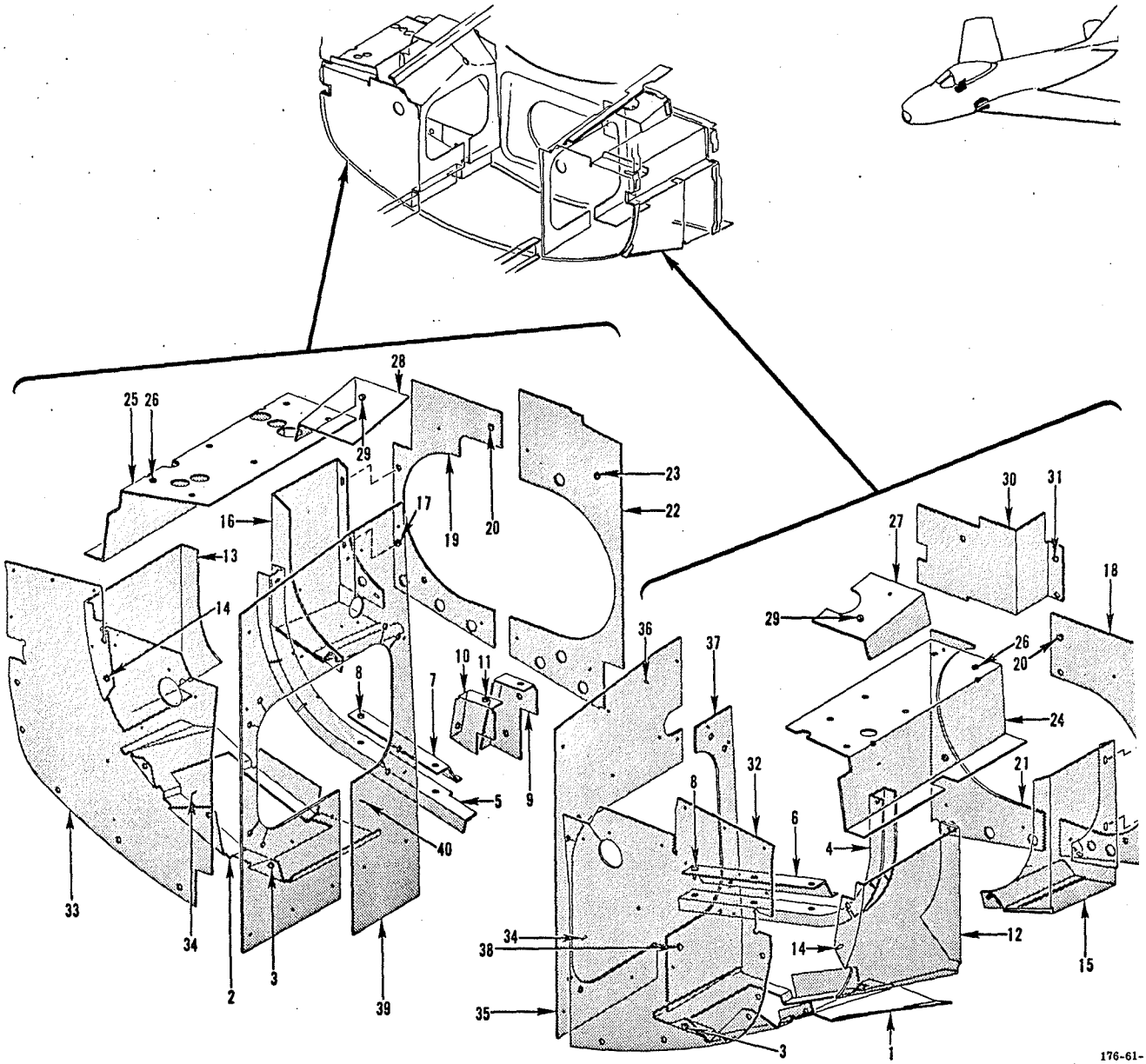


FIGURE 125 - FUSELAGE STATION 109 TO 125.75 .50 CALIBER CASE AND LINK EJECTION LINERS

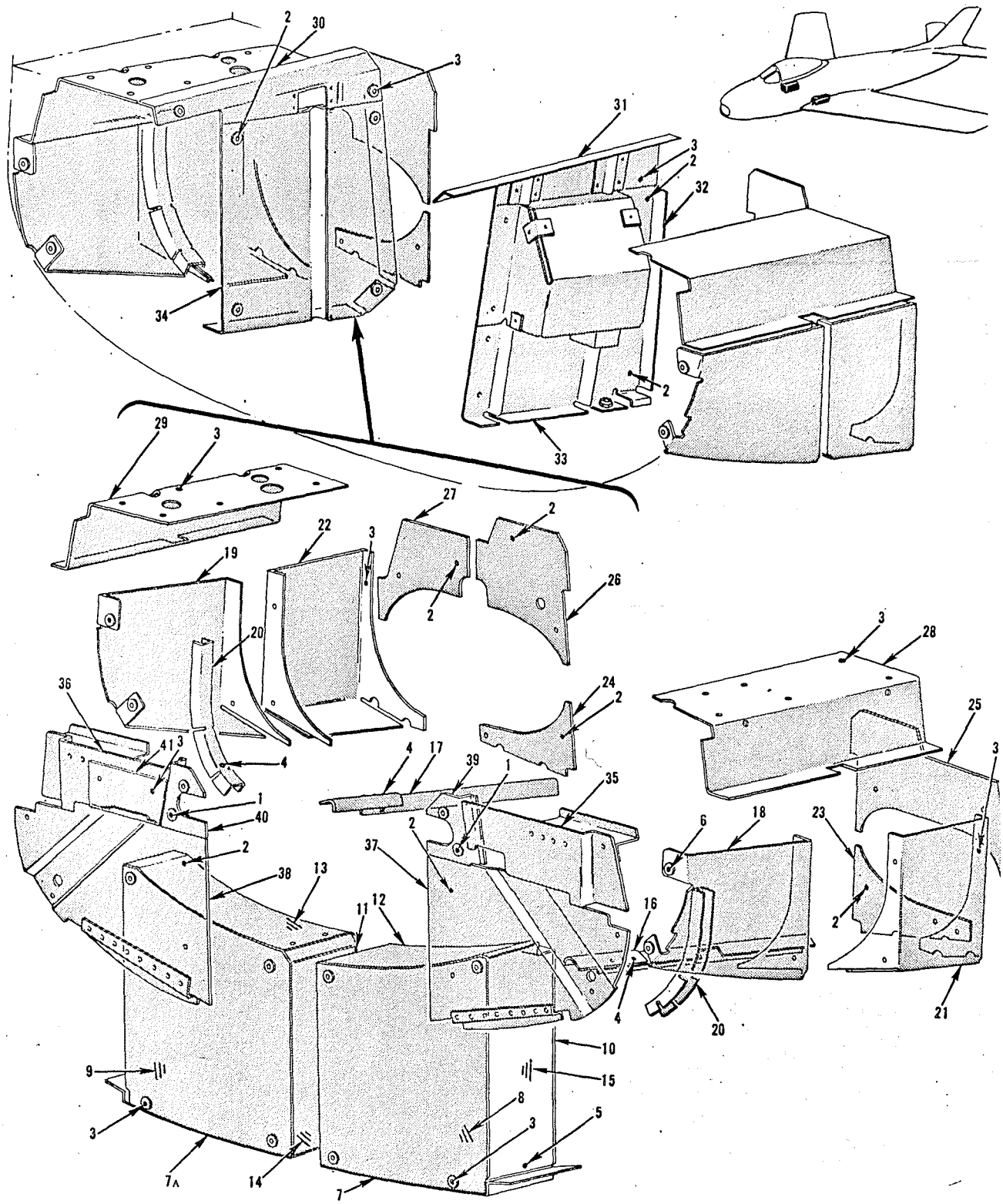
FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE COD
125	No Number	FUSELAGE STATION 109 TO 125.75 .50 CALIBER CASE AND LINK EJECTION LINERS (see figure 124 for next assembly)	NP	A
-1	151-61108	. LINER, .50 Caliber case and link ejection fus sta 109 to 118.5 door LH	1	A
-2	151-61109	. LINER, .50 Caliber case and link ejection fus sta 109 to 118.5 door RH	1	A
		ATTACHING PARTS		
-3	AN515-8-9	. SCREW (3 required on RH)	6	A
	AN960-8	. WASHER (6 required on RH)	12	A
	AN365-832	. NUT (3 required on RH)	6	A
		---*---		
-4	151-61089-1	. LINER, .50 Cal case & link ejection fus sta 118.5 lower frame LH	1	A
-5	151-61089-2	. LINER, .50 Cal case & link ejection fus sta 118.5 lower frame RH	1	A
-6	151-61091-1	. LINER, .50 Cal case & link ejection fus sta 118.5 frame to access door LH	1	A
-7	151-61091-2	. LINER, .50 Cal case & link ejection fus sta 118.5 frame to access door RH	1	A
		ATTACHING PARTS		
-8	AN515-8-9	. SCREW (3 required on RH)	4	A
	AN960-8	. WASHER (6 required on RH)	8	A
	AN365-832	. NUT (3 required on RH)	4	A
		---*---		

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
125-9	151-61098	.	LINER, .50 Cal case and link ejection fuselage station 118.5 RH web assy gusset aft	1	A
-10	151-61099	.	LINER, .50 Cal case and link ejection fuselage station 118.5 RH web assy gusset aft	1	A
	ATTACHING PARTS				
-11	AN515-8-9	.	SCREW	2	A
	AN960-8	.	WASHER	4	A
	AN365-832	.	NUT	2	A
	---*---				
-12	151-61086-1	.	LINER, .50 Cal case & link ejection fus sta 109 to 118.5 upper outboard LH	1	A
-13	151-61086-2	.	LINER, .50 Cal case & link ejection fus sta 109 to 118.5 upper outboard RH	1	A
	ATTACHING PARTS				
-14	AN515-8-9	.	SCREW	4	A
	AN960-8	.	WASHER	8	A
	AN365-832	.	NUT	4	A
	---*---				
-15	151-61088-1	.	LINER ASSY, .50 Cal case & link ejection fus sta 118.5 to 125.75 outboard LH	1	A
-16	151-61088-2	.	LINER ASSY, .50 Cal case & link ejection fus sta 118.5 to 125.75 outboard RH	1	A
	ATTACHING PARTS				
-17	AN515-8-9	.	SCREW	6	A
	AN960-8	.	WASHER	12	A
	AN365-832	.	NUT	6	A
	---*---				
-18	151-61094-3	.	LINER, .50 Cal case & link ejection fus sta 125.75 canted frame outboard LH	1	A
-19	151-61094-6	.	LINER, .50 Cal case & link ejection fus sta 125.75 canted frame outboard RH	1	A
	ATTACHING PARTS				
-20	AN515-6-7	.	SCREW (3 required on RH)	2	A
	AN960-6	.	WASHER (6 required on RH)	4	A
	AN365-632	.	NUT (3 required on RH)	2	A
	---*---				
-21	151-61096	.	LINER, .50 Cal case & link ejection fus sta 125.75 canted frame inboard LH	1	A
-22	151-61097	.	LINER, .50 Cal case & link ejection fus sta 125.75 canted frame inboard RH	1	A
	ATTACHING PARTS				
-23	AN515-6-7	.	SCREW	8	A
	AN960-6	.	WASHER	16	A
	AN365-632	.	NUT	8	A
	---*---				
-24	151-61092-1	.	LINER, .50 Cal case & link ejection hor shear web outbd LH	1	A
-25	151-61092-2	.	LINER, .50 Cal case & link ejection hor shear web outbd RH	1	A
	ATTACHING PARTS				
-26	AN515-6-10	.	SCREW	8	A
	AN960-6	.	WASHER	16	A
	AN365-632	.	NUT	8	A
	---*---				
-27	151-61100-1	.	LINER, .50 Cal case & link ejection canted hor shear web LH	1	A,B
	151-61100-3	.	LINER, .50 cal case and link eject. canted hor shear web LH	1	C
-28	151-61100-2	.	LINER, .50 Cal case & link ejection canted hor shear web RH	1	A
	ATTACHING PARTS				
-29	AN515-6-8	.	SCREW	4	A
	AN960-6	.	WASHER	8	A
	AN365-632	.	NUT	4	A
	---*---				
-30	151-61093	.	LINER, .50 Cal case & link ejection radio access door gear box	1	A,*1
	227-31223	.	LINER, .50 Cal case & link ejection radio access door gear box	1	A,*2
	ATTACHING PARTS				
-31	AN515-8R9	.	SCREW	2	A
	AN960-8	.	WASHER	4	A,*1
	AN365-832	.	NUT	2	A,*1
	---*---				
-32	151-61101-1	.	LINER, .50 Cal case & link ejection fus sta 109 frame LH	1	A
	151-61101-2	.	LINER, .50 Cal case & link ejection fus sta 109 frame RH	1	A
	ATTACHING PARTS				
-34	49398	.	STUD, Trimount (United-Carr)	24	A
	---*---				
-35	151-61102	.	LINER, .50 Cal case & link ejection BL 12.5 web LH fwd	1	A
	ATTACHING PARTS				
-36	49398	.	STUD, Trimount (United-Carr)	10	A
	---*---				
-37	151-61104	.	LINER, .50 Cal case & link ejection BL 12.5 web LH aft	1	A
-38	49398	.	STUD, Trimount (United-Carr)	4	A
-39	151-61103	.	LINER, .50 Cal case & link ejection BL 12.5 web RH	1	A
-40	49398	.	STUD, Trimount (United-Carr)	20	A

*1 Not used on airplanes modified per T. O. 1F-86-531.
*2 Used on airplanes modified per T. O. 1F-86-531.

USEABLE ON CODE: A 51-2850 thru 51-13169
B 51-13170 thru 51-13510, 52-4305 thru 52-5063,
C 52-5064 thru 52-5271, 52-5272 thru 52-5328 and subs



176-61-2

FIGURE 126 - FUSELAGE STATION 109 TO 125.75 .50 CALIBER CASE AND LINK EJECTION LINERS (CONT)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABL CO
126	No Number	FUSELAGE STATION 109 TO 125.75 .50 CALIBER CASE AND LINK EJECTION LINERS, (see figure 124 for next assembly)	NP	A
-1	AN515-8R8	. SCREW	8	A
	AN960D8	. WASHER	16	A
	AN365-832	. NUT	8	A
-2	AN515-8R9	. SCREW	38	A

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
126	AN960D8	.	WASHER	76	A
	AN365-832	.	NUT	38	A
-3	AN515-8R10	.	SCREW	42	A
	AN960D8	.	WASHER	84	A
	AN365-832	.	NUT	42	A
-4	AN515-8R8	.	SCREW	8	A
	AN960D8	.	WASHER	8	A
-5	AN515-8R14	.	SCREW	4	A
	AN960D8	.	WASHER	16	A
	AN365-832	.	NUT	4	A
-6	AN515-8R11	.	SCREW	2	A
	AN515-8R18	.	SCREW	2	A
	AN515-8R20	.	SCREW	2	A
	AN960D8	.	WASHER	16	A
	AN365-832	.	NUT	2	A
	NAS43-3-41	.	SPACER, Screw and bolt	6	A
-7	191-61091-41	.	LINER ASSY, .50 cal gun fus sta 109 to 113.687 case and link. ejection compartment LH	1	A
-7A	191-61091-42	.	LINER ASSY, .50 cal gun fus sta 109 to 113.687 case and link. ejection compartment RH	1	A
-8	191-61091-61	.	LINER ASSY, .50 cal gun fus sta 109 to 113.687 case and link. ejection compartment LH	1	A
-9	191-61091-62	.	LINER ASSY, .50 cal gun fus sta 109 to 113.687 case and link. ejection compartment RH	1	A
-10	191-61091-51	.	LINER ASSY, .50 cal gun fus sta 109 to 113.687 case and link. ejection compartment LH	1	A
-11	191-61091-52	.	LINER ASSY, .50 cal gun fus sta 109 to 113.687 case and link. ejection compartment RH	1	A
-12	191-61091-31	.	LINER ASSY, .50 cal gun fus sta 109 to 113.687 case and link. ejection compartment LH	1	A
-13	191-61091-32	.	LINER ASSY, .50 cal gun fus sta 109 to 113.687 case and link. ejection compartment RH	1	A
-14	191-61091-71	.	LINER ASSY, .50 cal gun fus sta 109 to 113.687 case and link. ejection compartment LH	1	A
-15	191-61091-72	.	LINER ASSY, .50 cal gun fus sta 109 to 113.687 case and link. ejection compartment RH	1	A
-16	191-61083-1	.	LINER ASSY, .50 cal gun fus sta 109 to 125.75 case and link . compartment LH	1	A
-17	191-61083-2	.	LINER ASSY, .50 cal gun fus sta 109 to 125.75 case and link . compartment RH	1	A
-18	191-61085-1	.	LINER ASSY, .50 cal gun fus sta 109 to 117.68 case and link . compartment LH	1	A
-19	191-61085-2	.	LINER ASSY, .50 cal gun fus sta 109 to 117.68 case and link . compartment RH	1	A
-20	191-61089	.	LINER ASSY, .50 cal gun fus sta 118.5 case & link compartment	2	A
-21	191-61088-1	.	LINER ASSY, .50 cal gun fus sta 118.5 case and link compt LH.	1	A
-22	191-61088-2	.	LINER ASSY, .50 cal gun fus sta 118.5 case and link compt RH.	1	A
-23	191-61094-1	.	LINER ASSY, .50 cal case and link ejection fus sta 125.750 . canted frame LH	1	A
-24	191-61094-2	.	LINER ASSY, .50 cal case and link ejection fus sta 125.750 . canted frame RH	1	A
-25	191-61095	.	LINER ASSY, .50 cal case and link ejection fus sta 125.750 . canted frame LH	1	A
-26	191-61096	.	LINER ASSY, .50 cal case and link ejection fus sta 125.750 . canted frame RH	1	A
-27	191-61097	.	LINER ASSY, .50 cal case and link ejection fus sta 125.750 .	1	A
-28	151-61092-1	.	LINER ASSY, .50 cal gun case & link ejection hor web outbd LH	1	A
-29	151-61092-2	.	LINER ASSY, .50 cal gun case & link ejection hor web outbd RH	1	A
-30	191-61092-1	.	LINER ASSY, .50 cal gun fus sta 109 to 125.75 case and link . compartment inboard upper LH	1	A
-31	191-61092-2	.	LINER ASSY, .50 cal gun fus sta 109 to 125.75 case and link . compartment inboard upper RH	1	A
-32	191-61081	.	LINER ASSY, .50 cal gun fus sta 113 to 125 case and link . . ejection compartment outboard	1	D
	191-61081-11	.	LINER ASSY, .50 cal gun fus sta 113 to 125 case and link . . ejection compartment outboard	1	E
-33	191-61082	.	LINER ASSY, .50 cal gun fus sta 113 to 125 outbd lower . . .	1	F,*1
	227-61082	.	LINER, .50 cal gun fus sta 113.687 to canted sta 125.75 . . . case & link ejection compt outbd lower assy of	1	G,*2
-34	191-61086	.	LINER ASSY, .50 cal gun fus sta 113 to 125	1	A
-35	191-61084-1	.	LINER ASSY, Fus sta 109 case and link compt top LH	1	A
-36	191-61084-2	.	LINER ASSY, Fus sta 109 case and link compt top RH	1	A
-37	191-61090-1	.	LINER ASSY, .50 cal gun fus sta 109 case and link compt LH .	1	A
-38	191-61090-2	.	LINER ASSY, .50 cal gun fus sta 109 case and link compt RH .	1	A
-39	191-61100-1	.	LINER ASSY, .50 cal gun fus sta 109 case and link compt LH .	1	B
	191-61100-11	.	LINER ASSY, .50 cal gun fus sta 109 case and link compt LH .	1	C
-40	191-61100-2	.	LINER ASSY, .50 cal gun fus sta 109 case and link compt RH .	1	B
	191-61100-12	.	LINER ASSY, .50 cal gun fus sta 109 case and link compt RH .	1	C
-41	191-61087	.	LINER ASSY, .50 cal gun fus sta 109 case and link compt top .	2	A

USEABLE ON CODE: A 51-13170 and subs
B 51-13170 thru 52-5063, 52-5272 thru 52-5328
C 52-5064 thru 52-5271, 52-5329 and subs
D 51-13170 thru 52-5164
D 52-5272 thru 52-5530
E 52-5165 thru 52-5271
F 51-13170 thru 53-1228
G 55-3816 and subs

*1 Not used on airplanes modified per T. O. 1F-86-531.
*2 Used on airplanes modified per T. O. 1F-86-531.

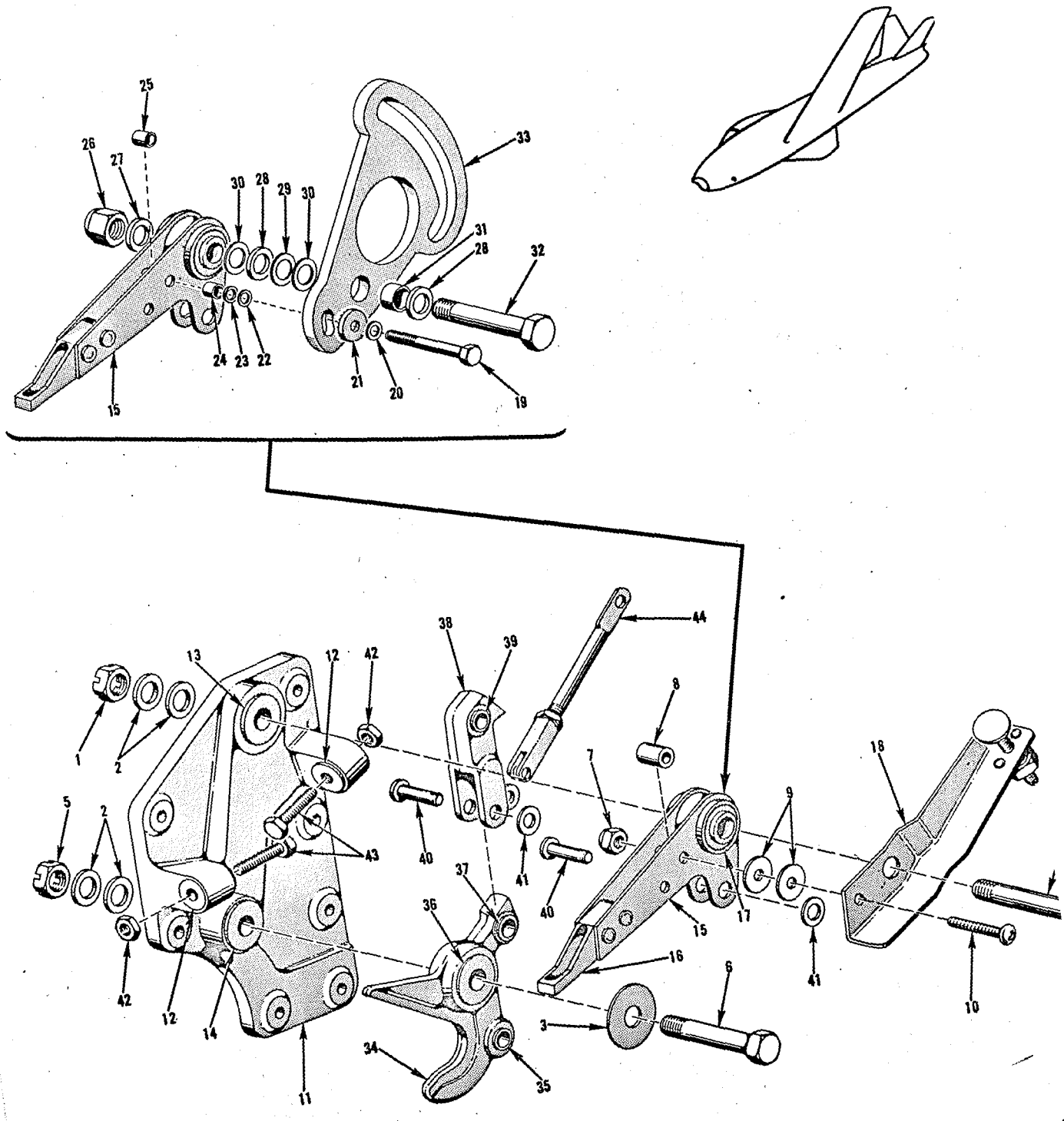


FIGURE 127 - NOSE WHEEL DOOR TOGGLE ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
127	140-34532	TOGGLE ASSY, Nose wheel door (see figure 115 for next assy)	Ref	A,*1
	140-34532-20	TOGGLE ASSY, Nose wheel door (see figure 115 for next assy)	Ref	B,*1
-1	AN320-6	. NUT	2	
-2	2W18-616	. WASHER, Flat (North American)	4	
-3	2W1-24-36-64	. WASHER, Plain (North American)	1	
-4	AN6-21	. BOLT	1	*2
-5	AN365-624	. NUT	1	
-6	AN6-21A	. BOLT	1	
-7	AN365-1032	. NUT	1	*2
-8	4S3-10-14	. SPACER, Bolt (North American)	1	A,*2
-9	AN960-10	. WASHER	2	*2
-10	AN520-10R8	. SCREW	1	A,*2
-11	187-34540	. FITTING ASSY, Nose wheel door toggle support	1	
-12	140-34549	. . BUSHING, Nose wheel well door lock toggle stop	2	
-13	4B20S6-20	. . BUSHING, Press fit flange (used on 140-34540 only) (North American)	1	
	187-34541	. . BUSHING, Auxiliary alighting gear wheel door toggle support upper (used on 187-34540 only)	1	
-14	4B20S6-24	. . BUSHING, Press fit flange (used on 140-34540 only) (North American)	1	
	187-34542	. . BUSHING, Auxiliary alighting gear wheel door toggle support lower (used on 187-34540 only)	1	
-15	140-34535	. BELLCRANK ASSY, Nose wheel door toggle operating	1	A
	140-34535-11	. BELLCRANK ASSY, Nose wheel door toggle operating	1	B
-16	140-33653	. . GUIDE, LG emer release aux gear wheel door link	1	
-17	AR6-1	. . BEARING, (Torrington)	1	
-18	151-54371-10	. ACTUATOR ASSY, Elec aux landing gear door uplock indicator	1	A,*2
-19	AN4-15A	. BOLT	1	B,*3
-20	AN960D416L	. WASHER	1	B,*3
-21	191-33845	. WASHER, Main alighting gear wheel door closed indicator mechanism	1	B,*3
-22	AN960-416L	. WASHER	1	B,*3
-23	AN960-416	. WASHER	1	B,*3
-24	NAS43DD4-14	. SPACER, Bolt	1	B,*3
-25	NAS43DD4-28	. SPACER, Bolt	1	B,*3
-26	AN365-624	. NUT	1	B,*3
-27	AN960D616L	. WASHER	1	B,*3
-28	2W18-616	. WASHER, Flat (North American)	2	B,*3
-29	AN960D616L	. WASHER	1	B,*3
-30	2W18-616L	. WASHER, Flat (North American)	2	B,*3
-31	4B21S6-008	. BUSHING, Spacer (North American)	1	B,*3
-32	AN6-24A	. BOLT	1	B,*3
-33	176-34847	. CAM, Aux alighting gear wheel door locked indicating mech (176-34847 together with 176-34848 replaces 191-34847 together with 169-31132 and 191-34844-3 which are not to be restocked) (see figure 404)	1	B,*3
-34	140-34533	. LATCH ASSY, Nose wheel door forward (whn exh use 165-34314-5)	1	
	165-34314-5	. LATCH ASSY, Auxiliary alighting gear wheel door forward (use 140-34533 untl exh)	1	
-35	4B16CP4-9	. . BEARING, Sintered oil impregnated (North American)	1	
-36	6NBC914YZP	. . BEARING, (Torrington)	1	
-37	4B16RP4-12	. . BEARING, Sintered oil impregnated (North American)	2	
-38	165-34318-5	. LINK ASSY, Aux alighting gear wheel door lock toggle	1	
-39	4B16RP4-13	. . BEARING, Sintered oil impregnated (North American)	1	
-40	140-34538	. PIN, Nose wheel door lock toggle operating	2	
-41	AN960-416	. WASHER	2	
-42	AN315-3	. NUT	2	
-43	5B1-12	. BOLT, Adjustment (North American)	2	
-44	140-34571	. LINK ASSY, Aux landing gear wheel door lock toggle actuating	1	

*1 Refer to T. O. No. 1F-86-128
*2 Parts marked thus are not used on airplanes modified in accordance with T. O. 1F-86-120.
*3 Parts marked thus are also used on airplanes 51-2850 thru 51-2927 per T. O. 1F-86-120

USEABLE ON CODE: A 51-2850 thru 51-2927
B 51-2928 and subs

FUSELAGE (Cont)

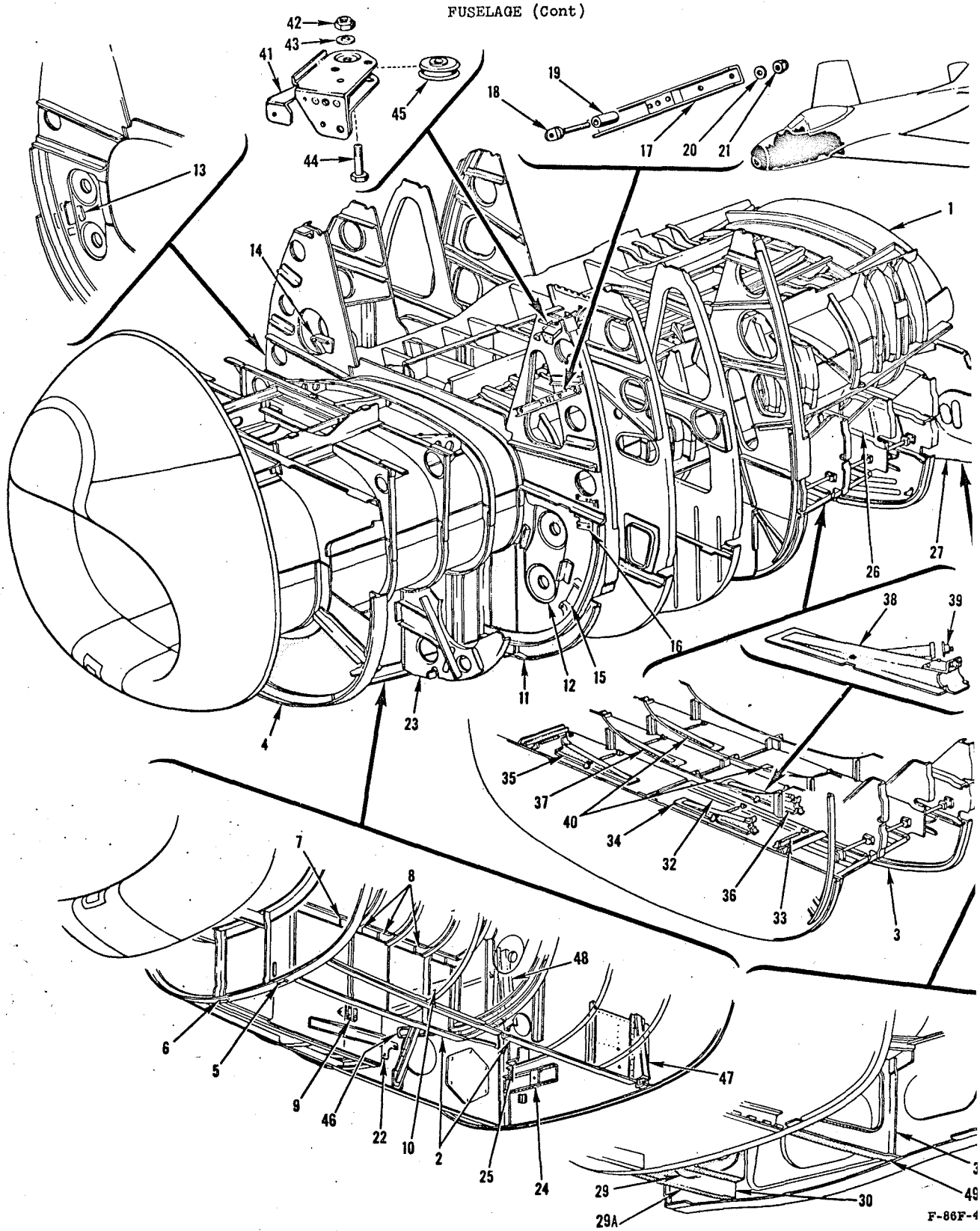


FIGURE 128 - FUSELAGE STATION 0 TO STATION 125.75 LOWER STRUCTURE FRAME ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USE
128	151-31730	FRAME ASSY, Fus sta 0 to 125.750 lower structure . . . . . (see figure 114 for next assembly)	Ref	
	176-31730	FRAME ASSY, Fus sta 0 to 125.750 lower structure . . . . . (see figure 114 for next assembly)	Ref	
-1	152-31101	. DUCT ASSY, Sta 0 to 131 complete (see fig. 129 for bkdn) . .	Ref	

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
128-2	No Number	.	FUSELAGE STATION 26 TO 84 TRUNNION AND NOSE WHEEL BEAM ASSEMBLIES, (see figure 135 for breakdown)	NP	
-3	151-31161	.	FRAME ASSEMBLY, Fuselage station 84.5 to 109 complete bottom (see figure 134 for breakdown)	1	
-4	151-31113	.	FRAME ASSEMBLY, Fuselage station 26.75 bottom	1	
	151-31113-21	. .	TEE, Fuselage station 26.75 bottom	1	
-5	151-34352	. .	SUPPORT, Auxiliary landing gear strut fwd door hinge LH	1	
-6	151-34353	. .	SUPPORT, Auxiliary landing gear strut fwd door hinge RH	1	
-7	151-31633	.	ANGLE, Fus sta 35.125 LH trun. beam duct fwd bolting	1	
-8	151-31636-1	.	ANGLE, Fus sta 35.125, 41.5, 47.5 trun beam duct bolting LH	1	
	151-31636-2	.	ANGLE, Fus sta 35.125, 41.5, 47.5 trun beam duct bolting RH	4	
	151-31634	.	ANGLE, Fus sta 34.125 RH trun beam duct forward bolting	1	
	151-31635	.	ANGLE, Fus sta 35.125 RH trun beam duct aft bolting	1	J
	151-31637	.	ANGLE, Fus sta 53.5 RH beam forward bolting	1	
-9	151-33607	.	BRACKET ASSY, LG emer release aux wheel door lock bellcrank	1	
-10	151-34610	.	BRACKET ASSY, Aux LG steering cable fus sta 53 1/2 lower	1	
-11	151-31119-199	.	FRAME ASSEMBLY, Fuselage station 53.5 side LH	1	
	151-31119-200	.	FRAME ASSEMBLY, Fuselage station 53.5 side RH	1	A,B
	151-31119-300	.	FRAME ASSEMBLY, Fuselage station 53.5 side RH	1	C,D,E,F,
	151-31119-299	.	FRAME ASSEMBLY, Fuselage station 53.5 side LH	1	K
-12	151-31479-1	. .	DOME ASSY, Fus sta 53.5 oxygen bottle supporting LH	1	
	151-31479-2	. .	DOME ASSY, Fus sta 53.5 oxygen bottle supporting RH	1	
-13	151-33606	. .	BRACKET ASSY, Landing gear emergency release auxiliary wheel door lock lower pulley	1	
-14	170-74033	. .	BRACKET, AN/APG30 radar range power aft support	1	
-15	151-34609	. .	BRACKET ASSY, Aux LG steering cable intermediate lower	1	
-16	151-34608	. .	BRACKET ASSY, Aux LG steering cable intermediate	1	
-17	170-74038	. .	CHANNEL ASSY, Fus sta 105 range servo support	1	
-18	AN42-15A	. .	BOLT	1	
-19	NAS43C3-46	. .	SPACER, Screw and bolt	1	
-20	AN960D10	. .	WASHER	1	
-21	AN365-1032	. .	NUT	1	
-22	176-34807	.	BRACKET, Aux LG downlock indicator and sequence mechanism	1	C,D,E,F,
-23	151-31115	.	FRAME ASSY, Fuselage station 41.5 lower side LH	1	
	151-31468	.	FRAME ASSY, Fuselage station 41.5 loser side RH	1	
-24	172-58124	.	SUPPORT ASSY, Hyd emer aux LG air filler valve and gage	1	A,B
	172-58124-11	.	SUPPORT ASSY, Hyd emer aux LG air filler valve and gage	1	C,D,E,F,
-25	172-58125	.	BRACKET ASSY, Emer aux alighting gear dump valve support	1	
-26	151-31745-1	.	DOUBLER, Fuselage sta 109 angle cutout reinforcement LH	1	H
	151-31745-2	.	DOUBLER, Fuselage sta 109 angle cutout reinforcement RH	1	H
	151-31745-3	.	DOUBLER, Fuselage sta 109 angle cutout reinforcement LH	1	G
	151-31745-4	.	DOUBLER, Fuselage sta 109 angle cutout reinforcement RH	1	G
-27	151-31737-10	.	FRAME ASSY, Fuselage station 125.750 bottom canted	1	H
	191-31737	.	FRAME ASSY, Fuselage station 125.75 bottom canted	1	G
-28	151-31737-19	. .	DOOR ASSY, Fuselage station 125.75 bottom canted	1	H
	191-31702-1	. .	DOOR ASSY, Fuselage station 125.75 bottom canted	1	G
-29	151-31737-49	. .	DOOR ASSY, Fuselage station 125.75 bottom canted	1	H
	191-31702-2	. .	DOOR ASSY, Fuselage station 125.75 bottom canted	1	G
-29A	191-31701-10	. .	ANGLE ASSY, Fus sta 125.750 bottom canted	1	*1
	URF5	. . .	RECEPTACLE, (Dzus)	2	*1
-30	151-31738	.	WEB ASSY, Fuselage sta 109 to 125.750 LH ammunition cell	1	H
-31	151-31739	.	WEB ASSY, Fuselage sta 109 to 125.750 RH ammunition cell	1	H
	191-31738	.	WEB ASSY, Fuselage sta 113 to 125.75 canted vertical RH	1	G
-32	151-61016-1	.	SEAL ASSY, Ammunition box top cover LH	1	J
	151-61016-2	.	SEAL ASSY, Ammunition box top cover RH	1	J
-33	140-34515	.	SPRING, Compression	18	J
-34	151-53529	.	OUTLET ASSY, Heat and vent sys ammo heating complete LH side	1	
-35	151-53529	.	OUTLET ASSY, Heat and vent sys ammo heating complete RH side	1	
-36	151-53539-11	.	OUTLET ASSY, Heat and vent system ammunition heating ammunition box fuselage station 84.50 to 100.39 LH side	1	
-37	151-53529	.	OUTLET ASSY, Heat and vent sys ammo heating complete RH side	1	
-38	151-53529-10	. .	OUTLET ASSY, Heat and vent system ammunition heating complete (used on 151-53539-11 only)	1	
-29	18423-0-260	. .	THERMOSWITCH MIDGET, (Fenwal) (used on 151-53539-11) (use 18423-260 untl exh)	1	
	18420-0-200	. .	THERMOSWITCH MIDGET, (Fenwal) (used on 151-53539) (use 18420-200 untl exh)	1	
-40	151-53529	.	OUTLET ASSY, Heat and vent sys ammunition heating complete	2	
-41	191-63704	.	BRACKET ASSY, Special stores mechanical jettison station 53.5 outboard pulley	1	K
-42	AN365-428	. .	NUT	1	K
-43	2W18-416	. .	WASHER, Flat (North American)	1	K
-44	AN4-10A	. .	BOLT	1	K
-45	AN219-2	. .	PULLEY	1	K
-46	151-31706	.	CHANNEL, Fus sta 62.625 to 71.75 bungee support	1	G
-47	191-31442	.	BEAM ASSY, Fus sta 71.75 to 84.5 nose wheel LH	1	K
-48	191-31443	.	BEAM ASSY, Fus sta 53.5 to sta 56.188 fwd nose gear door hinge	1	K
-49	191-31706-10	.	FRAME ASSY, Fus sta 113.687 lower	1	*1
	URF5	. .	RECEPTACLE, (Dzus)	2	*1

*1 Refer to T. O. 1F-86-523.

USEABLE ON CODE:
A 51-2850 thru 51-2877
B 51-2828 thru 51-2927
C 51-2928 thru 51-2943
D 51-12936 thru 51-12976
E 51-13070 thru 51-13079
F 51-13080 thru 51-13169
G 51-13170 and subs
H 51-2850 thru 51-13169
J 51-2850 thru 52-5063, 52-5272 thru 52-5328
K 52-5164 thru 52-5271 53-1072 and subs

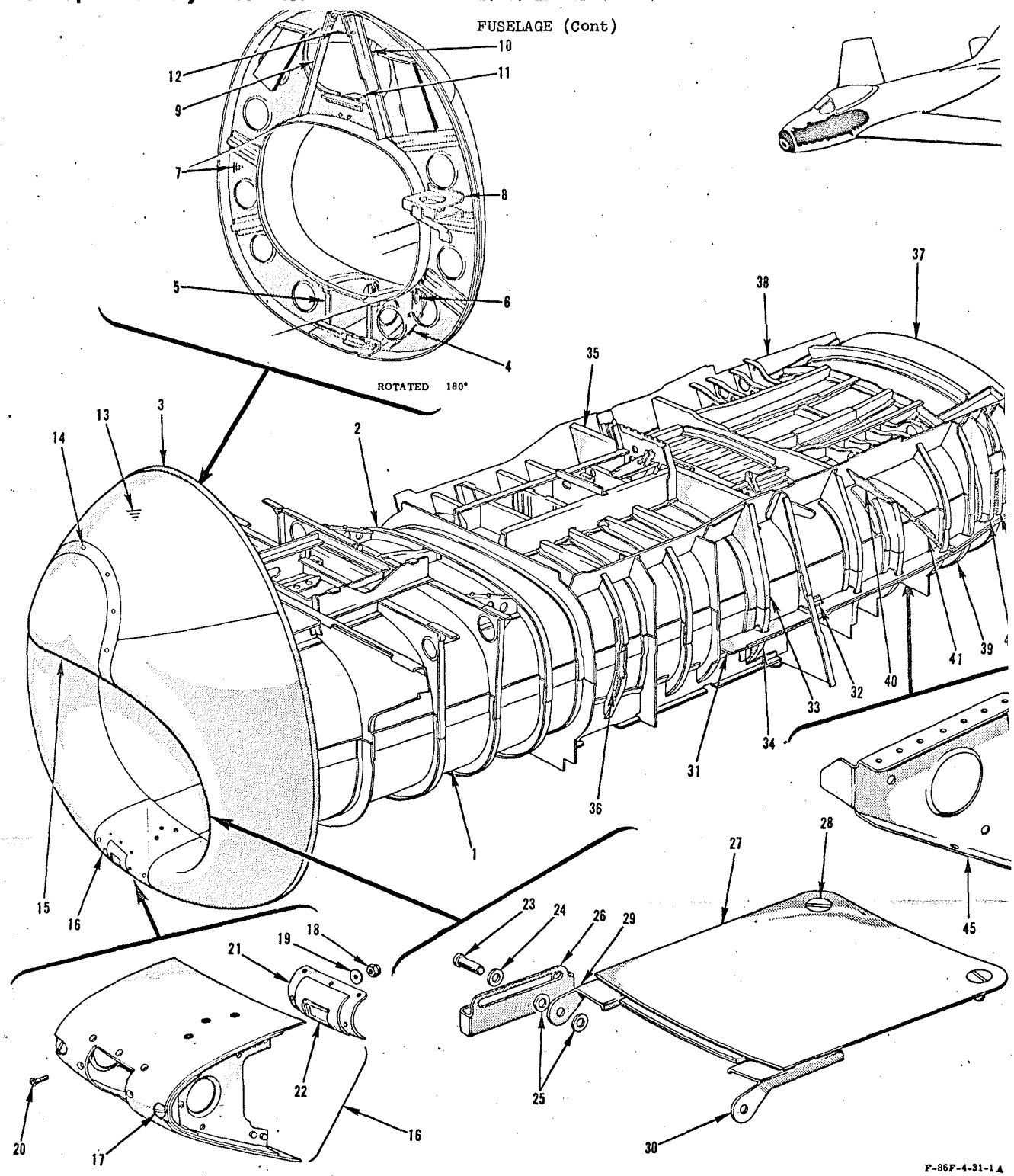


FIGURE 129 - FUSELAGE STATION 0 TO STATION 131 COMPLETE DUCT ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEAI C
129	152-31101	DUCT ASSY, Sta 0 to 131 complete (see fig. 128 for next assy) . .	1	
	152-31101-100	. DUCT SUB-ASSY, Fuselage station 15 to 78	1	A
	152-31101-101	. DUCT SUB-ASSY, Fuselage station 15 to 78	1	B
	152-31101-150	. DUCT SUB-ASSY, Fuselage station 15 to 78	1	C
-1	151-31106-81	. . DUCT ASSY, Fuselage sta 15 to 78 lower (see fig. 130) . .	1	A
	151-31106-91	. . DUCT ASSY, Fuselage sta 15 to 78 lower (see fig. 130) . .	1	B
	151-31106-100	. . DUCT ASSY, Fus sta 15 to 78 lower	1	C
-2	152-31105	. . DUCT ASSY, Fuselage sta 15 to 78 upper (see figure 131) .	1	

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
129-3	151-31150-30	. NOSE ASSY, Sta 0 to sta 15 complete	1	L,G
	151-31150-50	. NOSE ASSY, Sta 0 to sta 15 complete (whn exh use 191-31150)	1	M
	191-31150	. NOSE ASSY, Sta 0 to sta 15 complete (use 151-31150-50 untl exh on airplanes noted)	1	M,N
	151-31150-80	. NOSE ASSY, Sta 0 to sta 15 complete	1	P
	151-31150-90	. NOSE ASSY, Sta 0 to sta 15 complete (whn exh use 191-31150-10)	1	Q
	191-31150-10	. NOSE ASSY, Sta 0 to sta 15 complete (use 151-31150-90 untl exh on airplanes noted)	1	Q,R
-4	151-31662	. . FORMER ASSY, Fuselage nose fairing RH gun camera access	1	*1
	191-31662	. . FORMER ASSY, Fus nose fairing RH gun camera access door land	1	*2
-5	151-31650-20	. . FORMER ASSY, Fus nose fairing LH gun camera access	1	*1
	191-31650	. . FORMER ASSY, Fus nose fairing LH gun camera access door land	1	*2
-6	99833P.130	. . . RECEPTACLE, Airloc (United-Carr)	1	
-7	151-31109-90	. . FRAME ASSY, Fuselage station 15 (use 151-31109-70 untl exh on airplanes noted)	1	H,G,N
	151-31109-70	. . FRAME ASSY, Fus sta 15 (whn exh use 151-31109-90	1	H,G
	151-31109-100	. . FRAME ASSY, Fus sta 15	1	P,Q,R
-8	170-54079	. . . SUPPORT ASSY, Battery sump	1	
-9	151-31170-6	. . . SUPPORT ASSY, Fus sta 15 antenna LH	1	
-10	151-31170-7	. . . SUPPORT ASSY, Fus sta 15 antenna RH	1	
-11	170-74022	. . . SUPPORT ASSY, Radar antenna fus sta 15	1	
-12	151-31110	. . . BRACKET ASSY, Fus sta 15 door latch supporting	1	
-13	172-31003	. . FAIRING ASSY, Fus air intake	1	
-14	AN509-10R9	. . . SCREW	13	
-15	172-31005-10	. . . RADOME ASSY, Fus nose (use 172-31005 untl exh)	1	
-16	151-66024-10	. DOOR ASSY, Fus nose fairing gun camera access	1	
-17	98292-6.560	. . STUD, Airloc (United-Carr)	2	
	99836	. . PIN, Airloc (United-Carr)	2	
-18	AN365-832	. . NUT	8	
-19	AN960-8L	. . WASHER	8	
-20	AN509-8R8	. . SCREW	8	
-21	161-66017	. . WINDOW ASSY, Fus nose fairing gun camera	1	
-22	161-66016	. . . WINDOW, Fus nose fairing gun camera	1	
-23	AN393-13	. PIN	2	
-24	AN960C10L	. WASHER	2	
-25	AN960C10	. WASHER	4	
-26	151-31570-2	. CLIP, Fus sta 15 3/4 to 24 7/16 gun camera door hinge RH	1	
	151-31570-1	. CLIP, Fus sta 15 3/4 to 24 7/16 gun camera door hinge LH	1	
-27	161-31495	. DOOR ASSY, Fus sta 15 3/4 to 24 7/16 gun camera access	1	
-28	99834-1-.140	. . STUD, Airloc (United-Carr)	2	
	99836	. . PIN, Airloc (United-Carr)	2	
-29	161-31500-1	. . HINGE, Fus sta 15 1/2 gun camera door sliding half LH	1	
-30	161-31500-2	. . HINGE, Fus sta 15 1/2 gun camera door sliding half RH	1	
-31	151-31152-1	. WEB ASSY, Fus sta 71.75 to 84.5 duct hor shear LH	1	
	151-31152-2	. WEB ASSY, Fus sta 71.75 to 84.5 duct hor shear RH	1	
-32	151-31617-1	. CLIP, Fus fwd hor shear web to duct attaching LH	1	
	151-31617-8	. CLIP, Fus fwd hor shear web to duct attaching RH	1	
-33	151-31177-5	. FRAME ASSY, Fus sta 78 duct LH	1	
	151-31177-6	. FRAME ASSY, Fus sta 78 duct RH	1	
-34	151-31177-7	. FRAME ASSY, Fus sta 78 duct	1	
-35	151-31177-8	. FRAME ASSY, Fus sta 78 duct	1	
-36	151-31175-29	. FRAME ASSY, Fus sta 78 duct	1	
-37	152-31102-40	. DUCT ASSY, Fus sta 78 to 126.419 complete	1	S
	152-31102-50	. DUCT ASSY, Fus sta 78 to 126.419 complete	1	J
	152-31102-60	. DUCT ASSY, Fus sta 78 to 126.419 complete	1	K
-38	151-31103-81	. . DUCT ASSY, Fus sta 78 to 131 upper (see fig. 133)	1	S,J
	151-31103-91	. . DUCT ASSY, Fus sta 78 to 131 upper (see fig. 133)	1	K
-39	152-31104	. . DUCT ASSY, Fus sta 78 to 127.643 lower (see fig. 132)	1	E
	152-31104-50	. . DUCT ASSY, Fus sta 78 to 127.643 lower (see fig. 132)	1	F
-40	151-31159-3	. . ANGLE, Upper canted gun trunnion web to duct LH	1	
	151-31159-4	. . ANGLE, Upper canted gun trunnion web to duct RH	1	
-41	151-31704-3	. . ANGLE, Fus canted gun trunnion web to duct lower LH	1	
	151-31704-4	. . ANGLE, Fus canted gun trunnion web to duct lower RH	1	
-42	151-31184-1	. . FRAME ASSY, Fus sta 116.187 duct LH	1	
	151-31184-2	. . FRAME ASSY, Fus sta 116.187 duct RH	1	
-43	151-31185-11	. . FRAME ASSY, Fus sta 121 duct LH	1	
	151-31185-12	. . FRAME ASSY, Fuselage sta 121 duct RH	1	
-44	152-31186-9	. . FRAME ASSY, Fus sta 118.5 duct LH	1	
	152-31186-10	. . FRAME ASSY, Fus sta 118.5 duct RH	1	
-45	151-31647	. . INTERCOSTAL, Canted sta 125.75 to canted sta 126.419	1	

*1 Used on 151-31150-30, -50, -80 & -90. *2 Used on 191-31150 & -10

USEABLE ON CODE:

A 51-2850 thru 51-2927
B 51-2928 thru 52-5163, 52-5272 thru 52-5530
C 52-5164 thru 52-5271, 53-1072 and subs
E 51-2850 thru 51-12976
F 51-13070 and subs
G 52-5272 thru 52-5277, 52-5279 thru 52-5290, 52-5292, 52-5294, 52-5295, 52-5297, 52-5298, 52-5300 thru 52-5302, 52-5304
H 51-2850 thru 51-13510, 52-4305 thru 52-4963
J 51-13170 thru 51-13510, 52-4305 thru 52-5162, 52-5272 thru 52-5530
K 52-5163 thru 52-5271, 53-1072 thru 53-1228
L 51-2850 thru 52-4745
M 52-4746 thru 52-4963
N 55-3816 & subs
P 52-5278, 52-5291, 52-5293, 52-5296, 52-5299, 52-5303, 52-5305 thru 52-5380
Q 52-4964 thru 52-5271, 52-5381 thru 52-5530
R 53-1072 thru 53-1228
S 51-2850 thru 51-13169

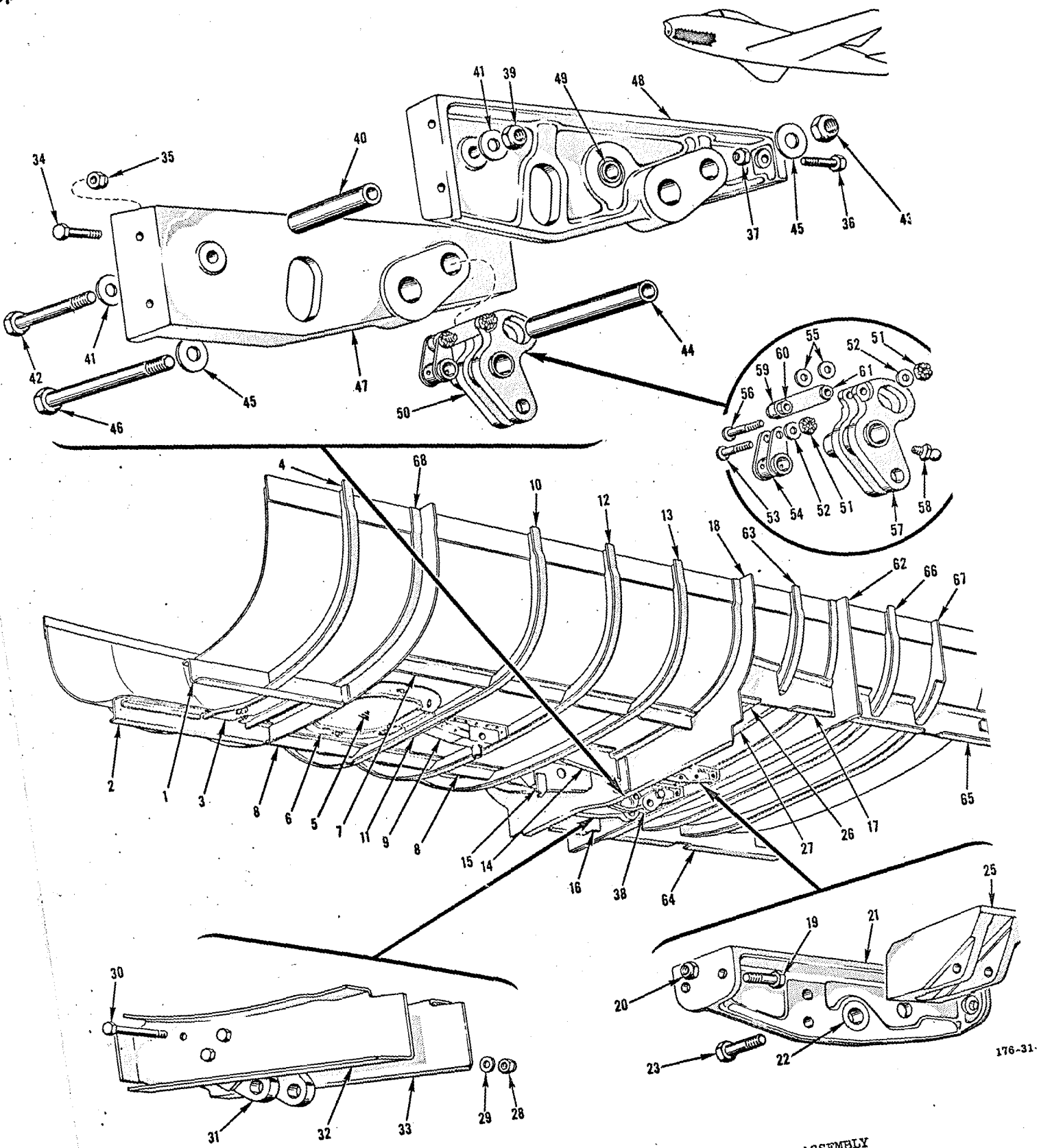


FIGURE 130 - FUSELAGE STATION 15 TO STATION 78 LOWER DUCT ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
130	151-31106-81	DUCT ASSY, Fus sta 15 to 78 lower (see fig. 129 for next assy).	Ref	A
	151-31106-91	DUCT ASSY, Fus sta 15 to 78 lower (see fig. 129 for next assy).	Ref	B
	151-31106-100	DUCT ASSY, Fus sta 15 to 78 lower (see fig. 129 for next assy).	Ref	C
-1	151-31497	. INTERCOSTAL ASSY, Fus sta 15 to 26.75 LH door support	1	
-2	151-31498	. INTERCOSTAL ASSY, Fus sta 15 to 26.75 RH door support	1	
-3	151-31499	. DOUBLER ASSY, Fus sta 22 1/4 to sta 25 3/16 camera access supporting door	1	
-4	151-31172-5	. FRAME, Fus sta 20.875 duct LH	1	
	151-31172-7	. FRAME, Fus sta 20.875 duct RH	1	
-5	151-31708-10	. DOOR ASSY, Fus sta 26.75 to 35.125 duct (nose gear access)	1	
	NAS205-9	. SCREW, 100° Flat head Phillips recess alloy steel 10-32	7	
-6	151-31179	. SUPPORT ASSY, Fus sta 26.75 to 35.125 duct door	1	
-7	151-31653	. SUPPORT, Fus sta 26.75 to 53.5 LH trunnion beam duct	1	
-8	151-31654	. SUPPORT, Fus sta 26.75 to sta 62.625 RH trun. beam duct	1	
-9	151-34659	. BRACKET, Aux LG steering clutch support	1	
-10	151-31173-7	. FRAME, Fuselage station 35.125 duct	1	
-11	151-31173-9	. ANGLE, Fuselage station 35.125 duct	1	
-12	151-31116-3	. FRAME, Fuselage station 41.5 lower duct	1	
-13	151-31174-7	. FRAME ASSY, Fus sta 47.5 duct	1	
-14	151-31672	. INTERCOSTAL, Fus sta 47.5 to 53.5 duct steering cable sup	1	
-15	151-31673	. INTERCOSTAL ASSY, Fus sta 47.5 to 53.5 duct spring sup	1	A
	151-31673-21	. INTERCOSTAL ASSY, Fus sta 47.5 to 53.5 duct spring sup	1	B
-16	151-31657-3	. INTERCOSTAL, Fus sta 53.5 to 62.625 bottom wheel well sup. RH	1	
-17	151-31655	. INTERCOSTAL, Fus sta 53.5 to 62.625 bottom wheel well sup.LH	1	
-18	151-31117-41	. FRAME ASSY, Fuselage station 53.5 lower duct	1	
-19	AN3-5A	. BOLT (station 53.5)	2	
	AN3-6A	. BOLT (station 62.625)	2	
-20	AN365-1032	. NUT	4	
-21	152-34512-7	. FITTING ASSY, Auxiliary landing gear uplock support	1	A
	152-34512-11	. FITTING ASSY, Auxiliary landing gear uplock support	1	B
-22	HSBG7	. . BEARING, (Adel)	1	
-23	AN4-10A	. BOLT	2	
-24	AN365-428	. NUT	2	
-25	151-34522	. FITTING, Aux LG wheel door operating cyl bellcrank support	1	
-26	151-31641-3	. CHANNEL, Fuselage station 58 duct lower LH	1	
	151-31641-7	. CHANNEL, Fuselage station 58 duct lower RH	1	C
-27	151-31641-5	. CHANNEL, Fuselage station 58 duct lower LH	1	
	151-31641-9	. CHANNEL, Fuselage station 58 duct lower RH	1	C
-28	AN365-1032	. NUT	3	
-29	AN960-10	. WASHER	3	
-30	AN3-21A	. BOLT	3	
-31	151-34523	. FITTING, Aux LG wheel door lock operating bellcrank support	1	
-32	151-31642-3	. CHANNEL, Fuselage station 58 duct lower RH	1	
	151-31642-7	. CHANNEL, Fuselage station 58 duct lower RH	1	
-33	151-31642-5	. CHANNEL, Fuselage station 58 duct lower RH	1	
-34	AN3-5A	. BOLT (station 53.5)	4	
-35	AN365-1032	. NUT (station 53.5)	4	
-36	AN4-10A	. BOLT (station 62.625)	2	
-37	AN365-428	. NUT (station 62.625)	2	
-38	151-34502	. FITTING ASSY, Auxiliary LG retracting cyl support	1	
-39	AN365-428	. . NUT	1	
-40	4B19S4-118	. . BUSHING, Press-fit plain (North American)	1	
-41	2W2SP16-14-.062	. . WASHER, Thrust (North American)	4	
-42	AN4-27A	. . BOLT	1	
-43	AN365-820	. . NUT	1	
-44	4B19S9-118	. . BUSHING, Press-fit plain (North American)	1	
-45	2W2SP32-28-.062	. . WASHER, Thrust (North American)	4	
-46	151-34509	. . BOLT, Aux LG retract cylinder bellcrank stop	1	
-47	151-34504	. . FITTING, Aud LG retracting cylinder support RH	1	
-48	151-34503	. . FITTING ASSY, Aux LG retracting cylinder support LH	1	
-49	HSB7C	. . . BEARING (Adel)	1	
-50	151-34505	. . BELLCRANK ASSY, Aux LG retract. cyl & uplock actuating	1	
-51	AN320-4	. . . NUT	2	
-52	AN960C416	. . . WASHER	2	
-53	AN24-14	. . . BOLT	1	
-54	140-34507	. . . BELLCRANK ASSY, Nose gear uplock operating	1	
-55	2W1-16-12-025	. . . WASHER	2	
-56	AN24-17	. . . BOLT	1	
-57	151-34506	. . . BELLCRANK ASSY, Aux LG retract. cyl actuating	1	
-58	NAS2-101	. . . . FITTING	1	
-59	140-34506	. . . LINK ASSY, Nose gear uplock operating	1	
-60	4B16CP4-7	. . . . BEARING, Sintered oil impregnated (North American)	1	
-61	4B16CP4-12	. . . . BEARING, Sintered oil impregnated (North American)	1	
-62	151-31121-11	. FRAME ASSY, Fuselage station 62.625 duct	1	
	151-31121-21	. FRAME ASSY, Fuselage station 62.625 duct	1	C
-63	151-31175-35	. FRAME, Fuselage station 58 duct LH	1	
	151-31175-15	. FRAME, Fuselage station 58 duct RH	1	
-64	151-31182-9	. INTERCOSTAL ASSY, Fus sta 62-625 to 78 bottom wheel well LH	1	
	191-31434	. INTERCOSTAL ASSY, Fus sta 62.625 to 78 bottom wheel well LH	1	C
-65	151-31182-10	. INTERCOSTAL ASSY, Fus sta 62.625 to 78 bottom wheel well RH	1	
-66	151-31176-9	. FRAME ASSY, Fuselage station 67.125 duct	1	
	151-31176-29	. FRAME ASSY, Fuselage station 67.125 duct	1	C
-67	151-31122-13	. FRAME ASSY, Fuselage station 71.75 duct	1	
-68	151-31106-9	. ANGLE, Fuselage station 26.75 duct assy	1	

USEABLE ON CODE: A 51-2850 thru 51-2927 B 51-2928 thru 52-5163 52-5272 thru 52-5530 C 52-5164 thru 52-5271 53-1072 and subs

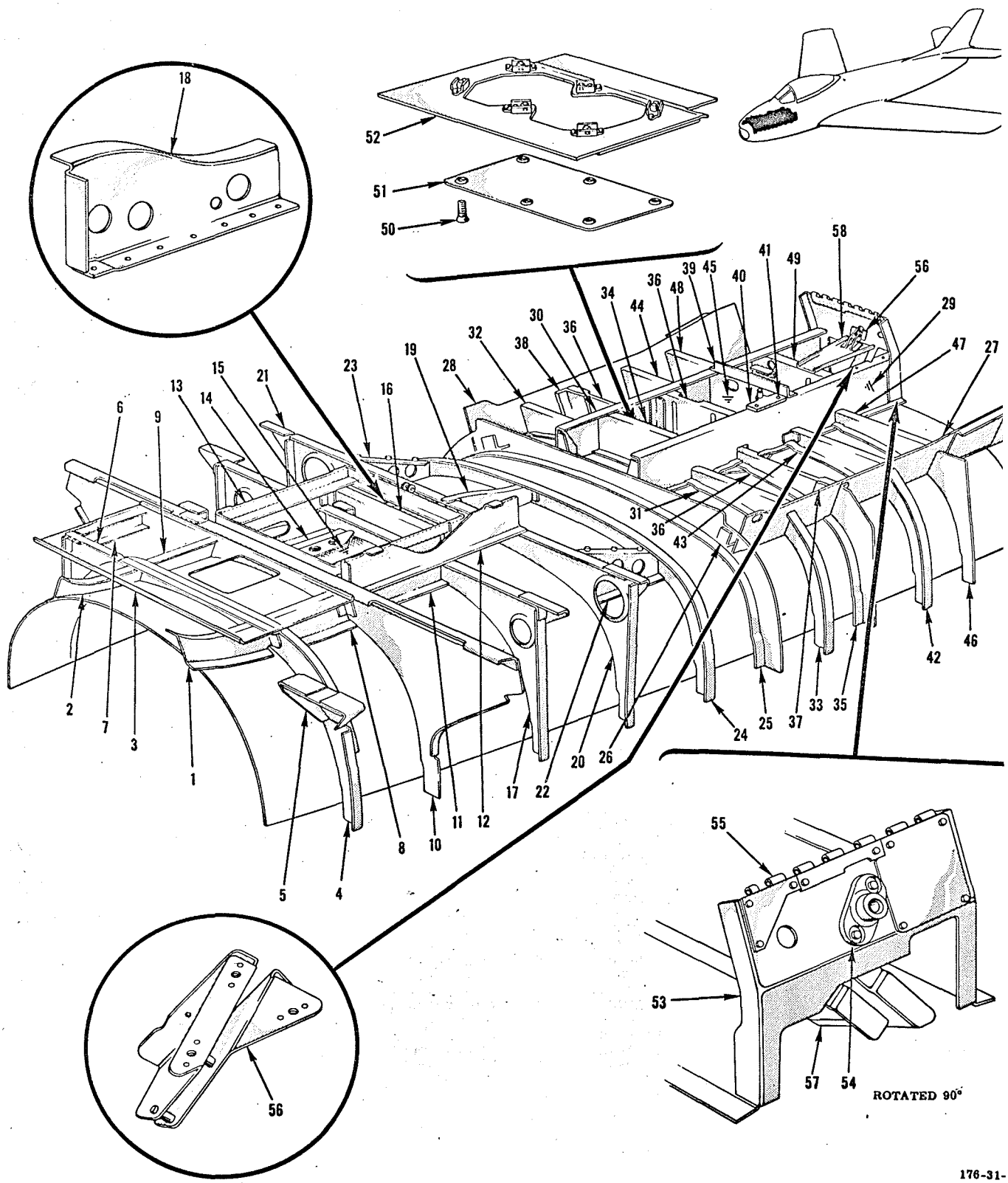


FIGURE 131 - FUSELAGE STATION 15 TO STATION 78 UPPER DUCT ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
131	152-31105	DUCT ASSY, Fus sta 15 to 78 upper (see fig. 129 for next assy) .	Ref	
-1	151-31197-1	. INTERCOSTAL, Fus sta 15 to 20.875 duct frame LH	1	
-2	151-31197-2	. INTERCOSTAL, Fus sta 15 to 20.875 duct frame RH	1	
-3	152-31105-53	. PLATE ASSY, Fuselage sta 15 to 70 upper duct assembly	1	A
	152-31105-63	. PLATE ASSY, Fuselage sta 15 to 70 upper duct assembly	1	B
-4	151-31172-27	. FRAME ASSEMBLY, Fuselage sta 20.875 duct	1	
-5	170-74024	. . SUPPORT ASSY, Voltage regulator fus sta 20.875	1	
-6	170-31110	. . SUPPORT ASSY, Fuselage station 20.875 frame	1	
-7	170-31111	. INTERCOSTAL, Fus sta 20.875 to 26.75 duct frame	1	
-8	151-31198-3	. INTERCOSTAL, Fus sta 20.875 to 26.75 duct frame LH	1	
-9	151-31198-4	. INTERCOSTAL, Fus sta 20.875 to 26.75 duct frame RH	1	
-10	170-31112	. FRAME ASSEMBLY, Fuselage sta 26.75 upper duct	1	
-11	170-31199-1	. INTERCOSTAL, Fus sta 26.75 to 35.125 duct frame LH	1	
	170-31199-2	. INTERCOSTAL, Fus sta 26.75 to 35.125 duct frame RH	1	
-12	170-74027-2	. SUPPORT ASSY, AlCM gun sight amplifier	1	
-13	170-54443	. SUPPORT ASSEMBLY, AN3150 battery	1	
-14	152-31105-58	. BRACKET, Upper duct assembly RH	1	
	152-31105-57	. BRACKET, Upper duct assembly LH	1	
-15	170-54089	. INSULATOR, Electrical battery relay	1	
-16	170-31196	. SUPPORT ASSY, Fus sta 35.125 duct frame battery	1	
-17	151-31173-51	. FRAME ASSEMBLY, Fuselage station 35.125 duct	1	
-18	170-31490-3	. INTERCOSTAL, Fuselage sta 35.125 to 41.5 duct frame	1	
-19	151-31491	. INTERCOSTAL, Fus sta 41.5 to 47.5 duct frame	1	
-20	151-31116-25	. FRAME ASSEMBLY, Fuselage station 41.5 upper duct	1	
-21	170-74030	. . BRACKET ASSY, AN/APG30 radar range power support	1	
-22	170-74067-3	. BRACKET ASSY, Fus sta 41.5 to 47.5 radar terminal cover support LH . . .	1	
-23	170-74067-4	. BRACKET ASSY, Fus sta 41.5 to 47.5 radar term. cover sup. RH.	1	
-24	151-31174-1	. FRAME ASSEMBLY, Fuselage station 47.5 duct.	1	
-25	151-31117-31	. FRAME ASSEMBLY, Fuselage station 53.5 upper duct	1	
-26	151-31658	. FITTING, Fuselage sta 53.5 armor plate lower support	2	
-27	151-31181-31	. INTERCOSTAL ASSY, Fus sta 53.5 to 78 press. web supporting LH	1	
-28	151-31181-2	. INTERCOSTAL ASSY, Fus sta 53.5 to 78 press. web supporting RH	1	
-29	152-31180-19	. INTERCOSTAL ASSY, Fus sta 53.5 to 78, BP 3 5/8 pedestal supporting LH . . .	1	
-30	152-31180-20	. INTERCOSTAL ASSY, Fus sta 53.5 to 78,BP 3 5/8 pedestal supporting RH . . .	1	
-31	151-31175-3	. FRAME ASSEMBLY, Fuselage station 58 duct LH	1	
-32	151-31175-4	. FRAME ASSEMBLY, Fuselage station 58 duct RH	1	
-33	151-31175-33	. FRAME ASSEMBLY, Fuselage station 58 duct LH	1	
	151-31175-6	. FRAME ASSEMBLY, Fuselage station 58 duct RH	1	
-34	151-31175-40	. FRAME ASSEMBLY, Fuselage station 58 duct	1	
-35	151-31121-5	. FRAME ASSEMBLY, Fuselage station 62.625 duct LH	1	
	151-31121-6	. FRAME ASSEMBLY, Fuselage station 62.625 duct RH	1	
-36	151-31121-30	. FRAME ASSEMBLY, Fuselage station 62.625 duct	1	
-37	151-31443-1	. . FITTING, Fus sta 62.625 upper duct attaching LH	1	
-38	151-31443-2	. . FITTING, Fus sta 62.625 upper duct attaching RH	1	
-39	152-31105-19	. ANGLE, Fuselage station 67.125 duct	1	
-40	140-33646	. BRACKET ASSY, LG emer release fus sta 65 19/32 idler	1	
-41	NAS220-11	. SCREW, Brazier head Phillips recess alloy steel 10-32	2	
-42	151-31176-7	. FRAME ASSY, Fuselage station 67.125 duct LH	1	
	151-31176-8	. FRAME ASSY, Fuselage station 67.125 duct RH	1	
-43	151-31176-15	. FRAME ASSY, Fuselage station 67.125 duct LH	1	
-44	151-31176-36	. FRAME ASSY, Fuselage station 67.125 duct RH	1	
-45	151-31176-40	. FRAME ASSY, Fuselage station 67.125 duct	1	
-46	151-31122-5	. FRAME ASSY, Fuselage station 71.75 duct LH	1	
	151-31122-6	. FRAME ASSY, Fuselage station 71.75 duct RH	1	
-47	151-31122-17	. FRAME ASSY, Fuselage station 71.75 duct LH	1	
-48	151-31122-18	. FRAME ASSY, Fuselage station 71.75 duct RH	1	
-49	151-31122-25	. FRAME ASSY, Fuselage station 71.75 duct	1	
-50	AN509-10-7	. SCREW	6	
-51	152-31105-27	. COVER, Elec disconnect plug access	1	
-52	161-54013	. DOUBLER ASSY, Fus sta 57 elec disconnect plug access	1	
-53	152-54109-10	. PANEL ASSY, Center elec pedestal lower	1	A
	172-54109	. PANEL ASSY, Center elec pedestal lower	1	B
-54	140-31843	. RECEPTACLE, Landing gear emergency release handle	1	
-55	152-54109-9	. . HINGE, Center elec pedestal lower panel	1	
-56	140-33602	. BRACKET ASSY, Landing gear emer release pedestal pulley . . .	1	
-57	151-31842-9	. BRACKET ASSY, Fus sta 78 canopy emer release pulley	1	
-58	152-31176-3	. INTERCOSTAL, Fuselage sta 71 3/4 to 78 bracket support . . .	1	

USEABLE ON CODE: A 51-2850 thru 51-2943
B 51-12936 and subs

FUSELAGE (Cont)

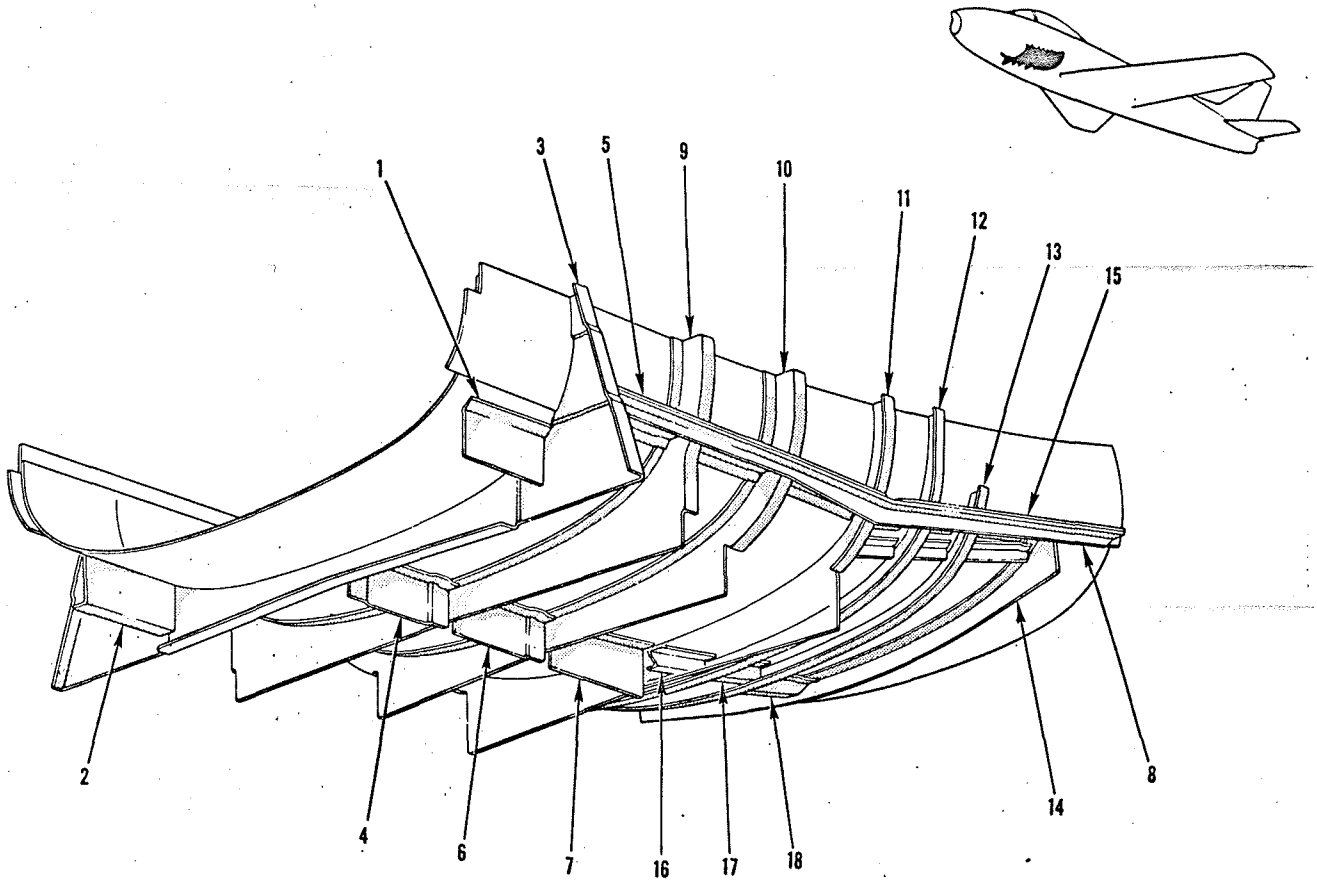


FIGURE 132 - FUSELAGE STATION 78 TO 127.643 LOWER DUCT ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE CODE
132	152-31104	DUCT ASSY, Fus sta 78 to 127.643 lower (see fig. 129 for next assy)	Ref	A
	152-31104-50	DUCT ASSY, Fus sta 78 to 127.643 lower (see fig. 129 for next assy)	Ref	B
-1	151-31652-1	. INTERCOSTAL, Fus sta 78 to 84.5 bottom wheel well sup. LH	1	
-2	151-31652-2	. INTERCOSTAL, Fus sta 78 to 84.5 bottom wheel well sup. RH	1	
-3	151-31126-3	. FRAME ASSY, Fuselage station 84.5 duct	1	
-4	151-31614	. INTERCOSTAL, Fus sta 84.5 to 92.95 center beam attaching	1	
-5	151-31153-1	. WEB, Fus sta 84.5 to 109 duct hor shear LH	1	
	151-31153-2	. WEB, Fus sta 84.5 to 109 duct hor shear RH	1	
-6	151-31615	. INTERCOSTAL, Fus sta 92.95 to 100.39 center beam attaching	1	
-7	151-31616	. INTERCOSTAL, Fus sta 100.39 to 109 center beam attaching	1	
-8	151-31149-11	. ANGLE ASSY, Fus sta 84.5 to 131 horizontal shear LH	1	A
	151-31149-4	. ANGLE ASSY, Fus sta 84.5 to 131 horizontal shear RH	1	A
	151-31149-21	. ANGLE ASSY, Fus sta 84.5 to 131 horizontal shear LH	1	B
	151-31149-22	. ANGLE ASSY, Fus sta 84.5 to 131 horizontal shear RH	1	B
-9	151-31129-31	. FRAME ASSY, Fuselage station 92.95 duct	1	
-10	151-31133-3	. FRAME ASSY, Fuselage station 100.39 duct	1	
-11	151-31135-17	. FRAME ASSY, Fuselage station 109 duct	1	
-12	151-31183-9	. FRAME ASSY, Fuselage station 113.687 duct	1	
-13	152-31186-7	. FRAME ASSY, Fuselage station 118.5 duct	1	
-14	151-31606-21	. FRAME, Fuselage station 125.75 canted duct	1	A
	151-31606-31	. FRAME, Fuselage station 125.75 canted duct	1	B
-15	151-31154-15	. WEB ASSY, Fus sta 109 to 131 duct hor shear LH	1	
	151-31154-12	. WEB ASSY, Fus sta 109 to 131 duct hor shear RH	1	
-16	152-31104-7	. ZEE, Fus sta 109 to 113.687 lower duct	1	A
	191-31715	. INTERCOSTAL, Fuselage sta 109 to 113.687 lower duct	1	B
-17	152-31104-9	. ZEE, Fus sta 113.687 to 118.5 lower duct	1	
-18	152-31104-11	. ZEE, Fus sta 118.5 to 125.75 lower duct	1	A
	191-31709	. INTERCOSTAL ASSY, Fus sta 118.5 to canted sta 125.75 lower duct	1	B

USEABLE ON CODE: A 51-2850 thru 51-13169 B 51-13170 and subs

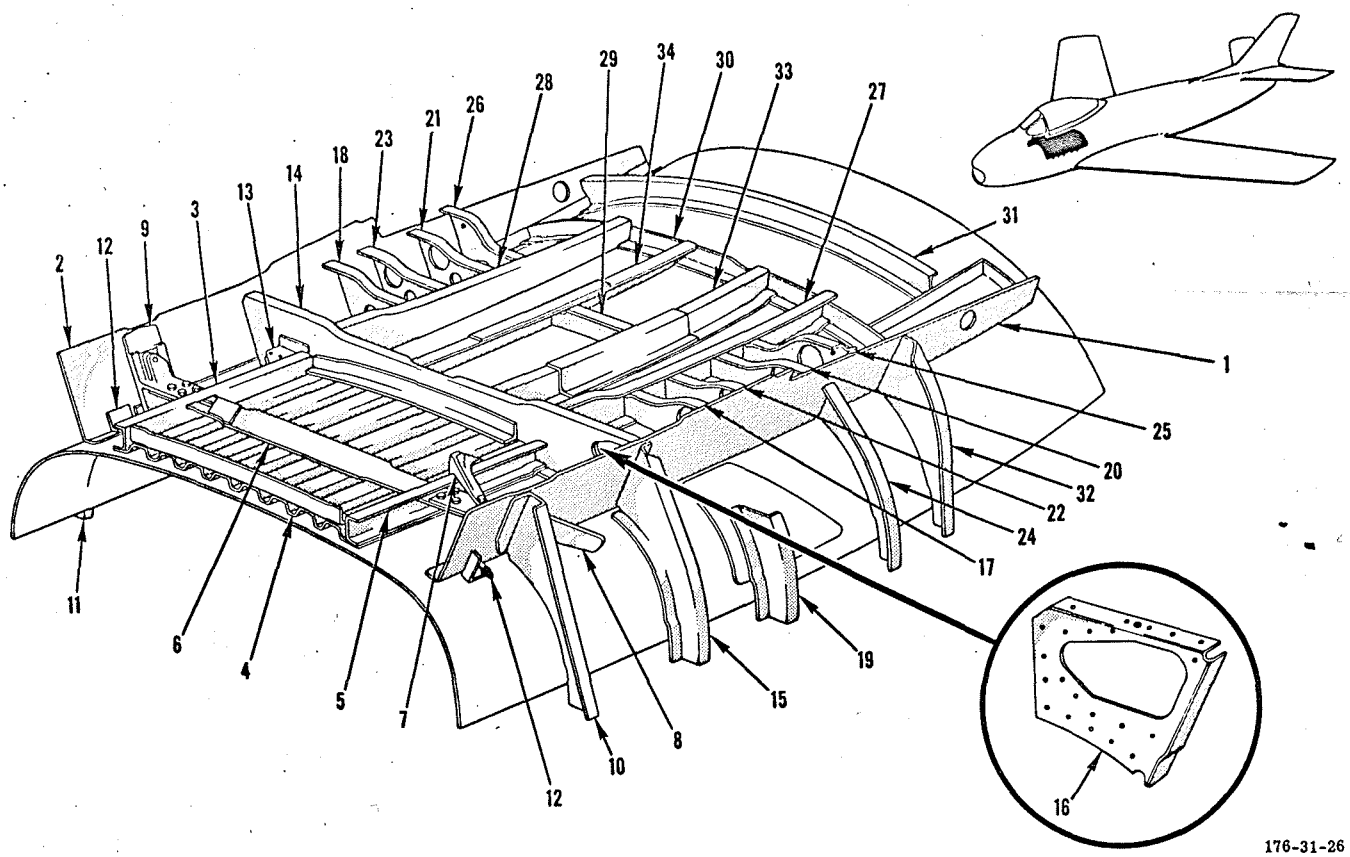


FIGURE 133 - FUSELAGE STATION 78 TO 131 UPPER DUCT ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
133	151-31103-81	DUCT ASSY, Fus sta 78 to 131 upper (see fig. 129for next assy) .	Ref	
-1	151-31190-1	. INTERCOSTAL ASSY, Fus sta 78 to sta 127.20 press. web sup. LH.	1	
-2	151-31190-20	. INTERCOSTAL ASSY, Fus sta 78 to sta 127.20 press. web sup. RH.	1	
-3	151-31187	. INTERCOSTAL ASSY, Fus sta 78 to 92.95 BP7 upper duct support.	1	
-4	151-31188-3	. STIFFENER, Fus sta 78 to 92.95 upper duct	1	
-5	151-31189	. INTERCOSTAL ASSY, Fus sta 78 to 92.95 BP7 LH upper duct sup.	1	
-6	151-31103-21	. STRAP, Fuselage station 84.5 upper duct	1	
-7	140-52332	. STOP, Aileron control	1	
-8	151-52103-1	. SUPPORT, Pilot's control stick hinge LH	1	
-9	151-52103-2	. SUPPORT, Pilot's control stick hinge RH	1	
-10	151-31126-7	. FRAME ASSY, Fuselage station 84.5 duct LH	1	
-11	151-31126-8	. FRAME ASSY, Fuselage station 84.5 duct RH	1	
-12	172-31853	. FITTING ASSY, Cockpit enclosure fuselage sta 82 drain	2	
-13	140-31841	. BRACKET ASSY, Fus sta 92.95 canopy emer release pulley	1	
-14	151-31129-41	. FRAME ASSY, Fuselage station 92.95 duct	1	
-15	151-31129-5	. FRAME ASSY, Fuselage station 92.95 duct LH	1	
	151-31129-6	. FRAME ASSY, Fuselage station 92.95 duct RH	1	
-16	151-31477	. DOUBLER ASSY, Fuselage station 92.95 upper duct frame LH . . .	1	
-17	151-31133-19	. FRAME ASSY, Fuselage station 100.39 duct LH	1	
-18	151-31133-21	. FRAME ASSY, Fuselage station 100.39 duct RH	1	
-19	151-31133-5	. FRAME ASSY, Fuselage station 100.39 duct	1	
	151-31133-6	. FRAME ASSY, Fuselage station 100.39 duct	1	
-20	170-31158-1	. SUPPORT, Fus sta 103 and sta 106 duct intercostal LH	1	
-21	170-31158-2	. SUPPORT, Fus sta 103 and sta 106 duct intercostal RH	1	
-22	170-31158-3	. SUPPORT, Fus sta 103 and sta 106 duct intercostal LH	1	
-23	170-31158-4	. SUPPORT, Fus sta 103 and sta 106 duct intercostal RH	1	
-24	151-31135-5	. FRAME ASSY, Fuselage station 109 duct LH	1	
	151-31135-6	. FRAME ASSY, Fuselage station 109 duct RH	1	
-25	151-31135-19	. FRAME ASSY, Fuselage station 109 duct LH	1	
-26	151-31135-20	. FRAME ASSY, Fuselage station 109 duct RH	1	
-27	170-31192-1	. INTERCOSTAL ASSY, Fus sta 92.95 to 116.187 outbd floor sup. LH	1	
-28	170-31192-2	. INTERCOSTAL ASSY, Fus sta 92.95 to 116.187 outbd floor sup. RH	1	
-29	151-31649-3	. FRAME, Fuselage station 105.5 upper duct	1	
-30	151-31193	. FRAME, Fuselage canted station 117 9/16 duct	1	
-31	151-31185-7	. FRAME ASSY, Fuselage station 121 duct	1	
-32	151-31183-11	. FRAME ASSY, Fuselage station 113.687 duct LH	1	
	151-31183-12	. FRAME ASSY, Fuselage station 113.687 duct RH	1	
-33	151-31191-21	. INTERCOSTAL ASSY. Fus sta 92.95 to 116.187 inbd duct LH . . . (use 151-31191-11 until exh)	1	
-34	151-31191-22	. INTERCOSTAL ASSY, Fus sta 92.95 to 116.187 inbd duct RH . . . (use 151-31191-12 until exh)	1	

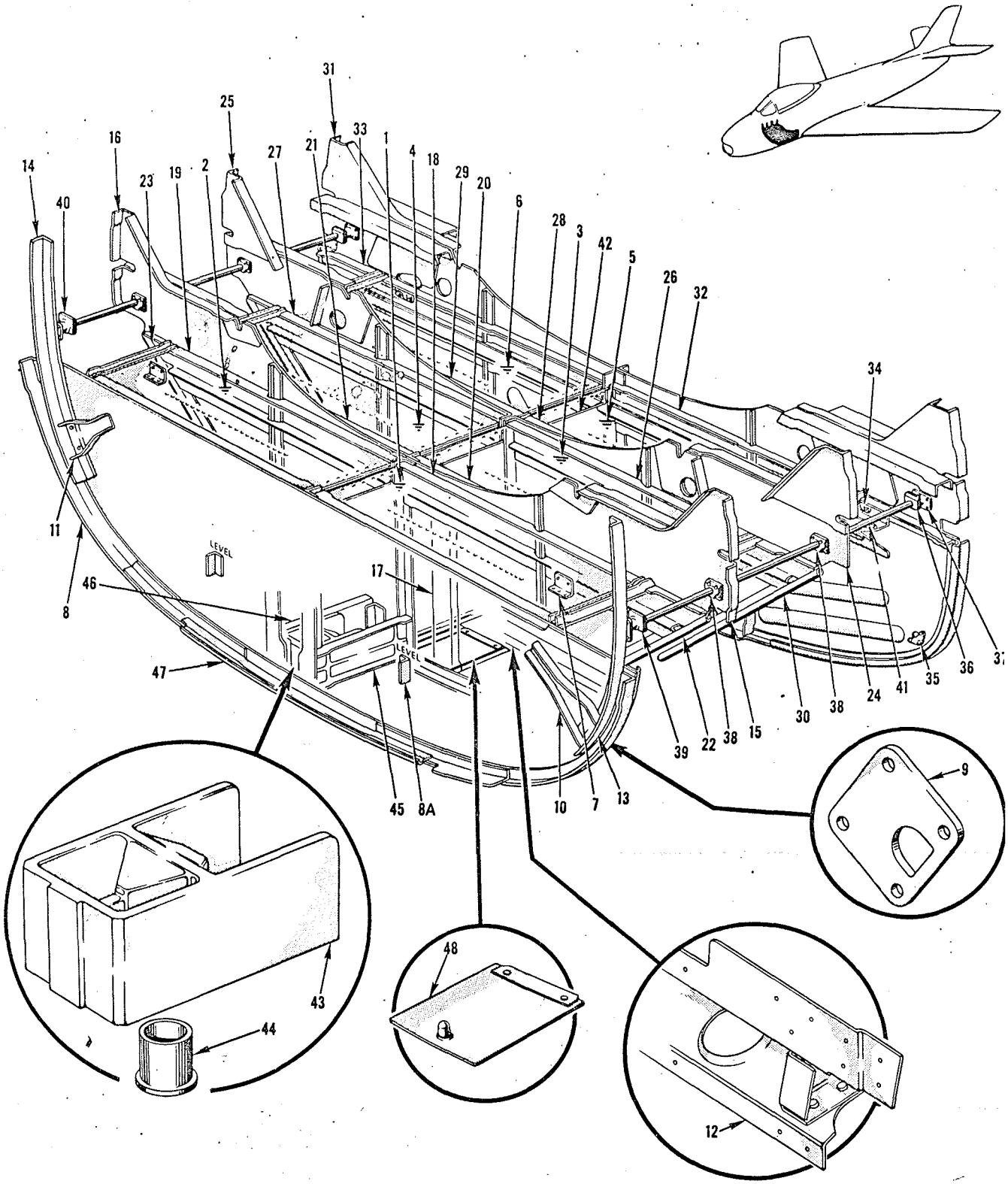


FIGURE 134 - FUSELAGE STATION 84.5 TO STATION 109 COMPLETE BOTTOM FRAME ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE COD
134	I51-31161		FRAME ASSY, Fus sta 84.5 to 109 complete bottom (see fig. . . . 128 for next assy)	Ref	
-1	151-61013-11		. COVER ASSY, Fus sta 84.5 to 92-95 ammunition box heating LH	1	G
	151-61013-21		. COVER ASSY, Fus sta 84.5 to 92.95 ammunition box heating LH	1	H

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
134-2	151-61013-12	.	COVER ASSY, Fus sta 84.5 to 92.95 ammunition box heating RH	1	G
	151-61013-22	.	COVER ASSY, Fus sta 84.5 to 92.95 ammunition box heating RH	1	H
-3	151-61014-11	.	COVER ASSY, Fus sta 92 to 100 ammo box heating LH	1	G
	151-61014-21	.	COVER ASSY, Fus sta 92 to 100 ammo box heating LH	1	H
-4	151-61014-12	.	COVER ASSY, Fus sta 92 to 100 ammo box heating RH	1	G
	151-61014-22	.	COVER ASSY, Fus sta 92 to 100 ammo box heating RH	1	H
-5	151-61015-11	.	COVER ASSY, Fus sta 100.39 to 109 ammunition box heating LH	1	G
	151-61015-21	.	COVER ASSY, Fus sta 100.39 to 109 ammunition box heating LH	1	H
-6	151-61015-12	.	COVER ASSY, Fus sta 100.39 to 109 ammunition box heating RH	1	G
	151-61015-22	.	COVER ASSY, Fus sta 100.39 to 109 ammunition box heating RH	1	H
-7	151-54357	.	. CLIP, Elec No. PA35 circuit breaker support	1	
-8	151-31128	.	FRAME ASSY, Fus sta 84.5 bottom	1	A,B
	151-31128-30	.	FRAME ASSY, Fus sta 84.5 bottom	1	Q
	151-31128-40	.	FRAME ASSY, Fus sta 84.5 bottom	1	R
-8A	151-31128-25	.	. LUG, Leveling left side	1	
	151-31128-27	.	. LUG, Leveling right side	1	
-9	140-31034	.	. BRACKET, Ammunition access door lock front	2	
-10	151-31157-1	.	. SUPPORT, Fus sta 84.5 ammunition box lock LH	1	
-11	151-31157-2	.	. SUPPORT, Fus sta 84.5 ammunition box lock RH	1	
-12	151-31156-1	.	. TRACK ASSY, Fus sta 84.5 ammunition box LH	1	
	151-31156-2	.	. TRACK ASSY, Fus sta 84.5 ammunition box RH	1	
-13	151-31456-1	.	. ANGLE, Fus sta 84.5 outboard splice LH	1	
-14	151-31456-2	.	. ANGLE, Fus sta 84.5 outboard splice RH	1	
-15	151-31130-31	.	FRAME ASSY, Fus sta 92.95 bottom LH	1	N
-16	151-31130-32	.	FRAME ASSY, Fus sta 92.95 bottom RH	1	N
	151-31130-61	.	FRAME ASSY, Fus sta 92.95 bottom LH	1	P
	151-31130-62	.	FRAME ASSY, Fus sta 92.95 bottom RH	1	P
-17	140-31182	.	. STIFFENER, Fus jack pad fitting sta 92.95 (RH only)	1	N
	191-31182	.	. STIFFENER, Fus jack pad fitting sta 92.95 (RH only)	1	P
-18	151-31450-1	.	. TRACK, Fus sta 92.95 fwd ammunition box LH	1	
-19	151-31450-2	.	. TRACK, Fus sta 92.95 fwd ammunition box RH	1	
-20	151-31451-1	.	. TRACK, Fus sta 92.95 aft ammunition box LH	1	
-21	151-31451-2	.	. TRACK, Fus sta 92.95 aft ammunition box RH	1	
-22	151-31480-1	.	. STIFFENER, Fus sta 92.95 outboard web LH	1	
-23	151-31480-2	.	. STIFFENER, Fus sta 92.95 outboard web RH	1	
-24	151-31134-91	.	FRAME ASSY, Fus sta 100.39 bottom LH	1	
-25	151-31134-92	.	FRAME ASSY, Fus sta 100.39 bottom RH	1	
-26	151-31453-1	.	. TRACK, Fus sta 100.39 fwd ammunition box LH	1	
-27	151-31453-2	.	. TRACK, Fus sta 100.39 fwd ammunition box RH	1	
-28	151-31452-1	.	. TRACK ASSY, Sta 100.39 aft ammunition box LH	1	
-29	151-31452-2	.	. TRACK ASSY, Sta 100.39 aft ammunition box RH	1	
-30	151-31485-1	.	. STIFFENER, Fus sta 100.39 outboard web LH	1	
	151-31485-2	.	. STIFFENER, Fus sta 100.39 outboard web RH	1	
-31	151-31736-101	.	FRAME ASSY, Fus sta 109 lower	1	A,D
	151-31736-201	.	FRAME ASSY, Fus sta 109 lower	1	B,C
	191-31736	.	FRAME ASSY, Fus sta 109 lower	1	J
	191-31736-110	.	FRAME ASSY, Fus sta 109 lower	1	K
	191-31736-120	.	FRAME ASSY, Fus sta 109 lower	1	L
	191-31736-130	.	FRAME ASSY, Fus sta 109 lower	1	M
-32	151-31447-1	.	. TRACK ASSY, Fus sta 109 ammunition box LH	1	
-33	151-31447-2	.	. TRACK ASSY, Fus sta 109 ammunition box RH	1	
-34	140-31033	.	. BRACKET, Ammunition access door cable support	2	
-35	140-31035	.	. BRACKET, Ammunition access door lock rear	2	
-36	140-61086	.	SPACER, Fixed .50 cal nose guns ammunition booster motor support station 109	2	
-37	NAS220-9	.	SCREW, Brazier head Phillips recess alloy steel	8	
	AN960-8	.	WASHER	8	
	AN365-832	.	NUT	8	
-38	140-61085	.	SPACER, Fixed .50 cal nose guns ammunition booster motor support sta 92.95 and 100.39	8	
-39	140-61081-1	.	SPACER, Fixed .50 cal nose guns ammunition booster motor support sta 84.5 LH	1	
-40	140-61081-2	.	SPACER, Fixed .50 cal nose guns ammunition booster motor support station 84.5 RH	1	
-41	140-61087	.	TUBE, Fixed .50 cal nose guns ammunition booster motor support	2	
-42	151-31145-31	.	BEAM ASSY, Fus sta 84.5 to 109 center line	1	A,B,C,D
	151-31145	.	BEAM ASSY, Fus sta 84.5 to 109 center line	1	E
-43	152-31112	.	FITTING ASSY, Fus jack pad and tie-down	1	
-44	134-55010	.	. BUSHING, Wing and fuselage jacking	1	
-45	151-31466-15	.	INTERCOSTAL, Fus sta 84.5 to 93.95 jack pad inbd support	1	
-46	151-31467-15	.	SUPPORT ASSY, Fus sta 84.5 to 92.95 jack pad outboard	1	
-47	151-31464	.	ANGLE, Fus sta 84.5 nose wheel door stop	1	
-48	191-31037-1	.	DOOR ASSY, Fus sta 97 electrical receptacle LH	1	
	191-31037-2	.	DOOR ASSY, Fus sta 97 electrical receptacle RH	1	

USEABLE ON CODE:

A	51-2850 thru 51-2877	H	52-5307 and subs	N	51-2850 thru 52-4904, 52-5272 thru 52-5386
B	51-2878 thru 51-2927	J	51-13170 thru 51-13510, 52-4305 thru 52-4905, 52-5272 thru 52-5328	P	52-4905 thru 52-5271, 53-1072 and subs
C	51-2928 thru 51-12976, 51-13080 thru 51-13169	K	52-4905 thru 52-5063	Q	51-2928 thru 52-4904, 52-5272 thru 52-5386
D	51-13070 thru 51-13079	L	52-5329 thru 52-5386	R	52-4905 thru 52-5271, 52-5387 thru 53-1228
E	51-13170 and subs	M	52-5064 and subs		
G	51-2850 thru 52-5306				

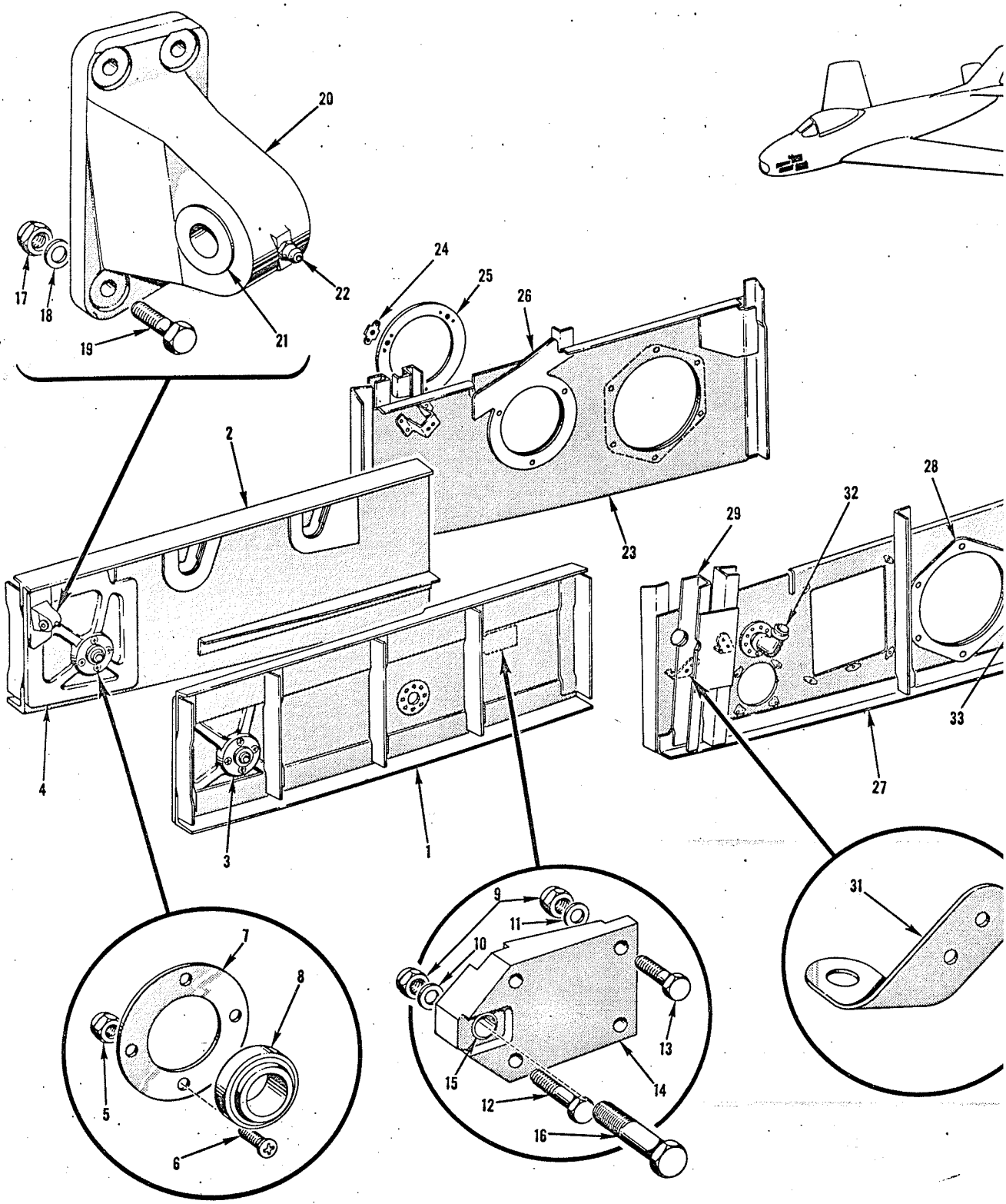


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FIGURE 135 - FUSELAGE STATION 26 TO STATION 84 TRUNNION AND NOSE WHEEL BEAM ASSEMBLIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
135	Nu Number	FUSELAGE STATION 26 TO 84 TRUNNION AND NOSE WHEEL BEAM ASSEMBLIES, (see figure 128 for next assembly)	NP	
-1	151-31141-51	. BEAM ASSEMBLY, Fuselage station 26.75 to 53.5 LH trunnion	1	
-2	151-31142	. BEAM ASSEMBLY, Fuselage station 26.75 to 53.5 RH trunnion	1	
-3	152-34121-7	. . FITTING ASSEMBLY, Auxiliary landing gear trunnion (LH side)	1	
-4	152-34121-9	. . FITTING ASSEMBLY, Auxiliary landing gear trunnion (RH side)	1	
-5	AN365-428	. . . NUT	4	
-6	AN509-416-19	. . . SCREW	4	
-7	140-34123	. . . RING, Auxiliary landing gear trunnion support bearing retainer	1	
-8	142-33139	. . . BEARING ASSEMBLY, Main landing gear side brace lower	NP	
	142-33139-3	. . . . BEARING, OUTER RACE MLG side brace lower	1	
	142-33139-4	. . . . BEARING, INNER RACE MLG side brace lower	1	
-9	AN365-1032	. . NUT	4	
-10	AN960-10	. . WASHER	2	
-11	AN960-10L	. . WASHER	2	
-12	AN3-11A	. . BOLT	2	
-13	AN3-7A	. . BOLT	2	
-14	140-34522	. . FITTING ASSEMBLY, Auxiliary landing gear extension cylinder attaching (LH only)	1	
-15	4B20S7-28	. . . BUSHING, Press fit flanger (North American)	1	
-16	140-34524	. . BOLT, Auxiliary alighting gear extension cylinder pivot (LH only)	1	
-17	AN365-428	. . NUT	2	
-18	AN960-416L	. . WASHER	2	
	AN960-416	. . WASHER	2	
-19	AN4-11A	. . BOLT	1	
	AN4-10A	. . BOLT	1	
-20	152-34186-20	. . FITTING ASSEMBLY, Nose gear rotating mechanism anchor (use 152-34186 until exh) (RH only)	1	
-21	165-34187	. . . BUSHING, (used on 152-34186-20 only)	2	
-22	AN944-101	. . . FITTING	1	
	NAS77-7-45	. . . BUSHING, (used on 152-34186 only)	1	
-23	151-31144-41	. BEAM ASSEMBLY, Fuselage station 53.5 to 84.5 RH nose wheel	1	A
	151-31144-61	. BEAM ASSEMBLY, Fuselage station 53.5 to 84.5 RH nose wheel	1	B
-24	99947P.130	. . RECEPTACLE, (United-Carr)	3	
-25	151-31643	. . DOUBLER, Fuselage station 67.75 beam nose wheel	1	
-26	151-31705-11	. . COVER, Fuselage station 67.75 RH nose wheel beam	1	A
-27	151-31143-31	. BEAM ASSEMBLY, Fuselage station 53.5 to 84.5 LH nose wheel	1	A
	151-31143-41	. BEAM ASSEMBLY, Fuselage station 53.5 to 84.5 LH nose wheel	1	B
-28	151-31155	. . COLLAR, Fuselage station 76.812 access door reinforcing	1	
-29	151-31431	. . SUPPORT ASSEMBLY, Fuselage station 56.188 forward nose gear door hinge	1	
-30	151-31432	. . SUPPORT ASSEMBLY, Fuselage station 82.624 aft nose gear door hinge	1	
-31	140-58461-1	. . BRACKET, Hydraulic auxiliary door cylinder hose LH	1	
	140-58461-2	. . BRACKET, Hydraulic auxiliary door cylinder hose RH	1	
-32	172-53342	. . OUTLET ASSEMBLY, Heat and vent system windshield anti-ice drain	1	
-33	AN42-3A	. . BOLT	1	
	AN960D10L	. . WASHER	1	
	AN365-1032	. . NUT	1	

USEABLE ON CODE:
A 51-2850 thru 51-2927
B 51-2928 and subs

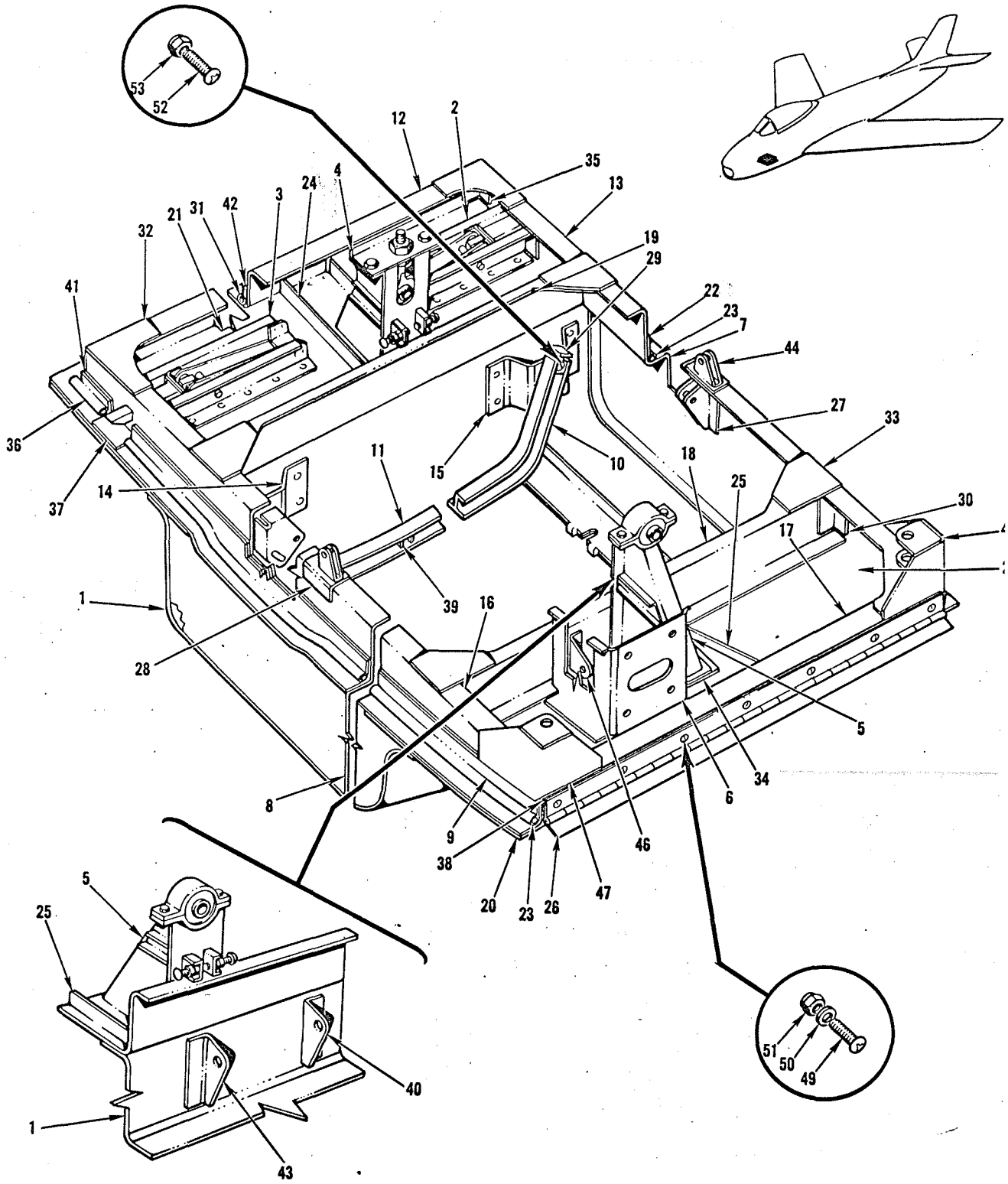

FIGURE 136 - K17 MOUNT ASSEMBLY

FUSELAGE ARMAMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
136	54FEH2063	*1	K17 Installation	NP	
	54FEJ2041		. Mount Assembly K17 (see Fig. 346)	Ref	
-1	54FEH562		. . Skin, Center, Mount, K17 (See Fig. 139)	Ref	
-2	54FEC575		. . Lock Assy, Aft, Mount, K17 (See Fig.137 For Breakdown)	1	
-3	54FEC576		. . Lock Assy, Fwd, Mount, K17 (See Fig.137 For Breakdown)	1	
-4	54FEC2043		. . Support, K17, RH (See Fig.138 For Breakdown)	1	
-5	54FEC2044		. . Support Assy, K17, LH (See Fig. 138 For Breakdown)	1	
-6	54FEC587		. . Bracket, Solenoid, Mount, K17	1	
-7	54FEC589		. . Bulkhead, Sta 108 3/4, Mount K17	1	
-8	54FEC590		. . Bulkhead, Sta 90 3/8, Mount, K17	1	
-9	54FEB591		. . Retainer, Seal, Fwd, Mount, K17	1	
-10	54FEB592L		. . Track, Mount, K17 LH	2	
-11	54FEB592R		. . Track, Mount, K17 RH	2	
-12	54FEB593		. . Frame, Right, Mount, K17	1	
-13	54FEB594		. . Frame, Aft, Mount, K17	1	
-14	54FEB595L		. . Bracket, Track, Mount, K17 LH	2	
-15	54FEB595R		. . Bracket, Track, Mount, K17 RH	2	
-16	54FEB596		. . Frame, Fwd, Mount, K17	1	
-17	54FEB597		. . Frame, Left, Mount, K17	1	
-18	54FEB598L		. . Reinforcement, Mount, K17 LH	1	
-19	54FEB598R		. . Reinforcement, Mount, K17 RH	1	
-20	54FEB599		. . Skin, Left, Mount, K17	1	
-21	54FEB600		. . Skin, Right, Mount, L17	1	
-22	54FEB601		. . Retainer, Seal, Aft, Mount, K17	1	
-23	54FEJ2041-1		. . Seal	2	
-24	54FEB602		. . Channel, Support, Right, Mount, K17	1	
-25	54FEB603		. . Channel, Support, Left, Mount, K17	1	
-26	54FEB604		. . Hinge Modification, Mount, K17	1	
-27	54FEB605		. . Bracket, Pulley, Lower, Mount, K17	2	
-28	54FEB606L		. . Bracket, Switch, Mount, K17 LH	1	
	54FEB606R		. . Bracket, Switch, Mount, K17 RH	1	
-29	54FEA609		. . Stopper, Track, Mount, K17	4	
-30	54FEA610		. . Clip, Reinforcement, Mount, K17	4	
-31	54FEA612		. . Seal, Side, Mount, K17	1	
-32	54FEA613		. . Gusset, Frame, Mount	2	
-33	54FEA614		. . Gusset, Reinforcement, Mount, K17	4	
-34	54FEA615		. . Shim, Support, Mount, K17	2	
-35	54FEA616		. . Clip, Frame, Mount, K17	4	
-36	54FEA617L		. . Seal, Fwd & Aft, Short, Mount, K17 LH	1	
	54FEA617R		. . Seal, Fwd & Aft, Short, Mount, K17 RH	1	
-37	54FEA618		. . Spacer, Frame, Mount, K17	2	
-38	54FEA619		. . Shim, Hinge, Mount, K17	1	
-39	54FEA620		. . Nail, Track, Mount, K17	4	
-40	54FEA621		. . Support, Lever, Fwd, Mount, K17	1	
-41	54FEA622-1		. . Retainer, Seal, Mount, K17	2	
-42	54FEA622-2		. . Retainer, Seal, Mount, K17	1	
-43	54FEA623		. . Support, Lever, Aft, Mount, K17	1	
-44	54FEA624L		. . Bracket, Pulley, Upper, Mount, K17 LH	1	
-45	54FEA624R		. . Bracket, Pulley, Upper, Mount, K17 RH	1	
-46	54FEA625		. . Support, Spring, Mount, K17	1	
-47	54FEC1506L		. . Support, Bungee Cord, Sliding Door LH	1	
-48	54FEC1506R		. . Support, Bungee Cord, Sliding Door RH	1	
-49	NAS221-10		. . Screw	7	
-50	AN960-10		. . Washer	7	
-51	AN365-1032		. . Nut	7	
-52	AN526-832-10		. . Screw	4	
-53	AN365-832		. . Nut	4	

*1 Used on RF-86F-30 airplanes only

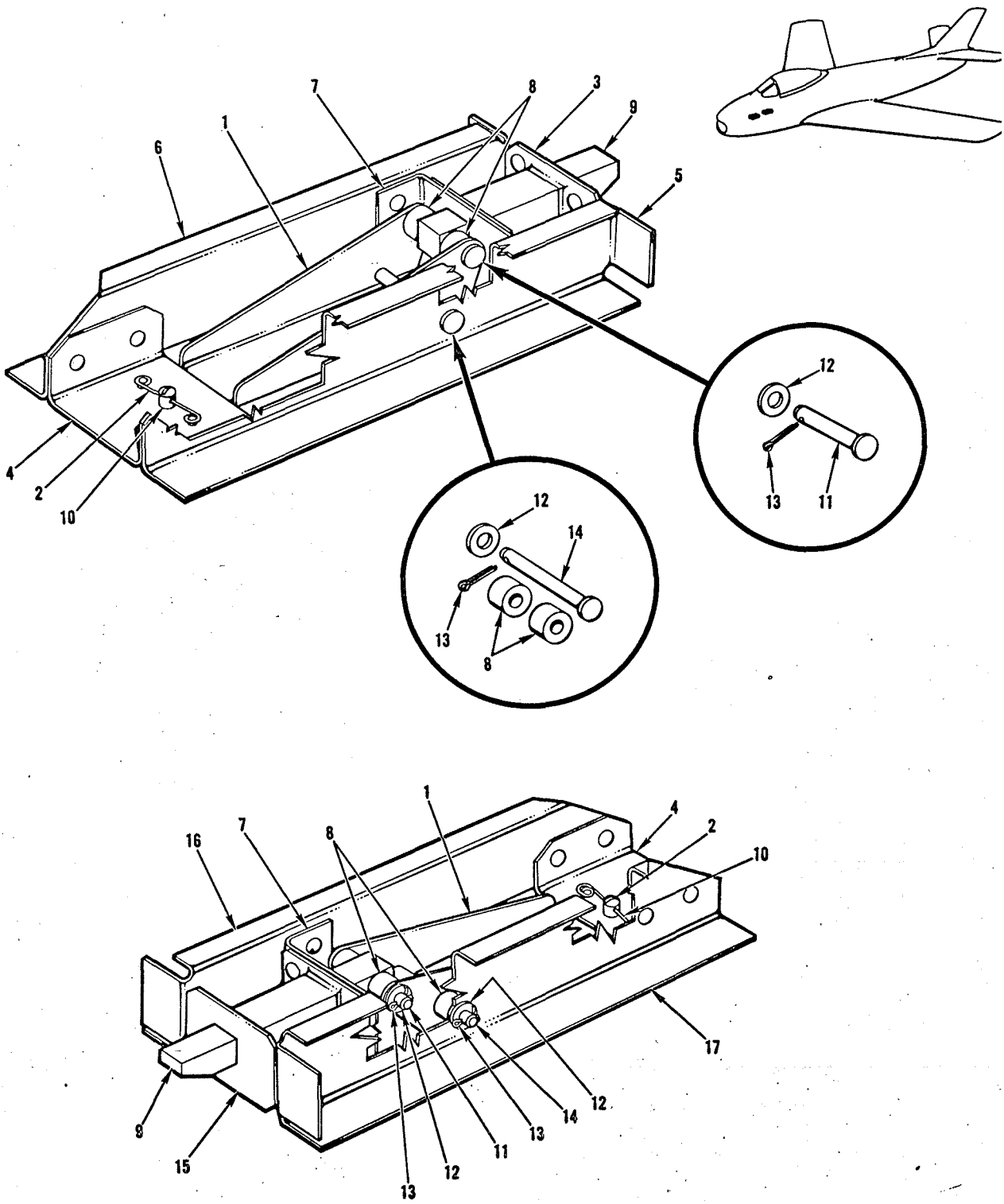

FIGURE 137 - K17 MOUNT LOCK ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
137	54FEH2063	*1 K17 Installation	NP	
	54FEJ2041	. Mount Assembly	Ref	
	54FEC575	. . Lock Assembly, Aft, Mount, K17 (See Fig. 136)	Ref	
-1	54FEC577	. . . Handle, Lock	2	
-2	A430	. . . Stud, (Dzus)	2	
-3	54FEB579	. . . Guide, Pin, Lock, Aft	1	
-4	54FEB580	. . . Clip, Lock	2	
-5	54FEB581L	. . . Channel, Lock, Aft LH	1	
-6	54FEB581R	. . . Channel, Lock, Aft RH	1	
-7	54FEA583	. . . Support, Guide, Lock	2	
-8	54FEA584	. . . Spacer, Handle, Lock	8	
-9	54FEA585	. . . Pin, Lock	2	
-10	S4-225	. . . Spring, (Dzus)	2	
-11	AN393-33	. . . Pin	2	
-12	AN960-10L	. . . Washer	4	
-13	AN381-2-5	. . . Pin	4	
-14	AN393-53	. . . Pin	2	
	54FEC576	. . Lock Assembly, Fwd, Mount, K17 (See Fig. 136)	Ref	
-15	54FEB578	. . . Guide, Pin, Lock, Fwd	1	
-16	54FEB582L	. . . Channel, Lock, Fwd LH	1	
-17	54FEB582R	. . . Channel, Lock, Fwd RH	1	

*1 Used on RF-86F-30 airplanes only

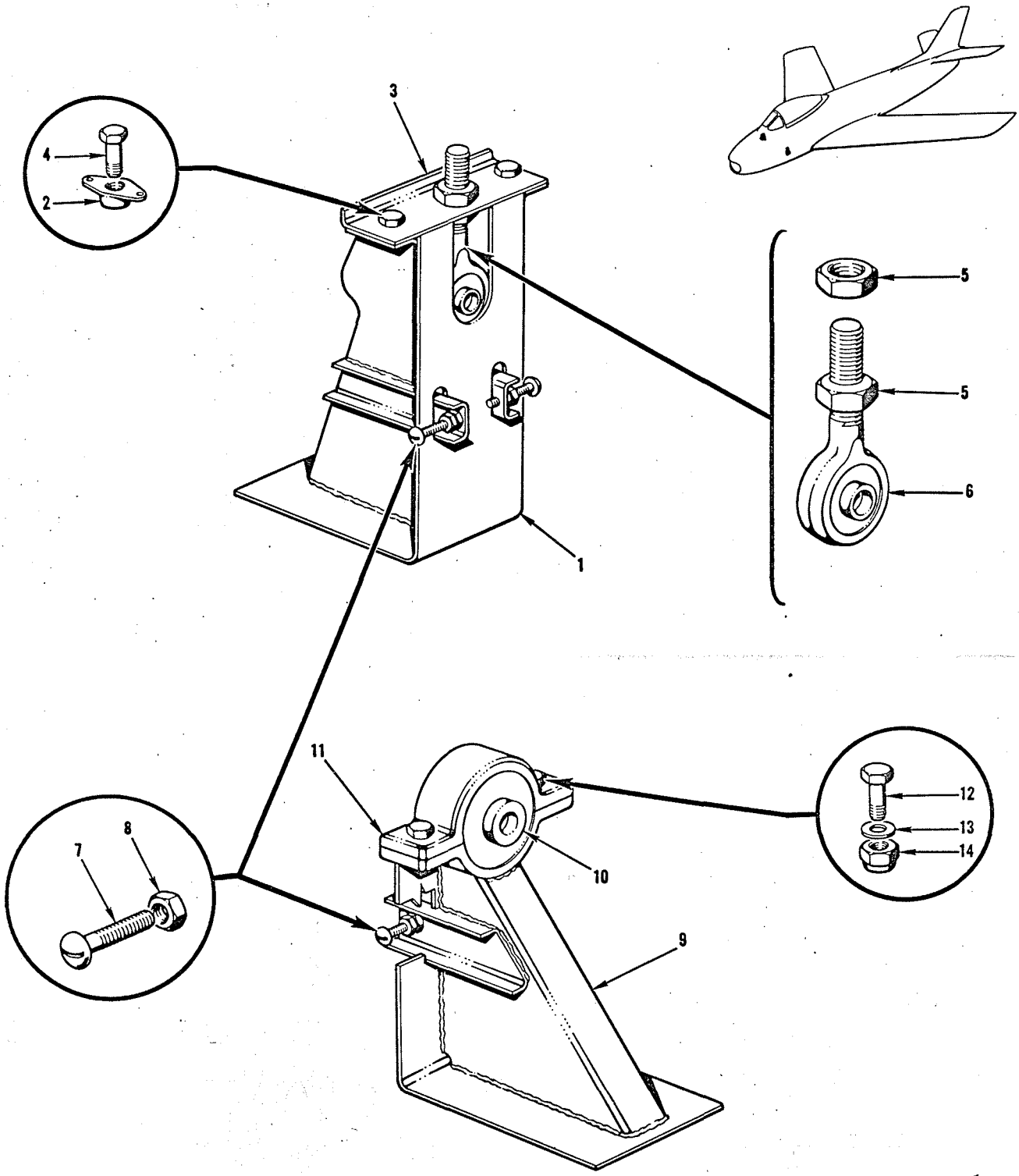

FIGURE 138 - K17 MOUNT SUPPORT ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
138	54FEH2063	*1	K17 Installation	NP	
	54FEJ2041		. Mount Assembly	Ref	
-1	54FEC2043		. . Support, K17, RH (See Fig. 136)	Ref	
-2	AN366F1032		. . . Nut, Plate	2	
-3	55FEB402		. . . Plate, Support, K17, RH	1	
-4	AN3-4A		. . . Bolt	2	
-5	AN315-7R		. . . Nut	2	
-6	RE5M7		. . . Rod End, (Fafnir)	1	
-7	AN520-10-14		. . . Screw	4	
-8	AN315-3R		. . . Nut	8	
	54FEC2044		. . Support Assy, K17, LH (See Fig. 136)	Ref	
-9	54FEC2042		. . . Bracket, Support, K17 LH	1	
-10	AN200KS8		. . . Bearing	1	
-11	54FEB2045		. . . Housing, Bearing, K17, Support LH	2	
-12	AN3-6A		. . . Bolt	2	
-13	AN960-10		. . . Washer	2	
-14	AN365-1032		. . . Nut	2	

*1 Used on RF-86F-30 airplanes only

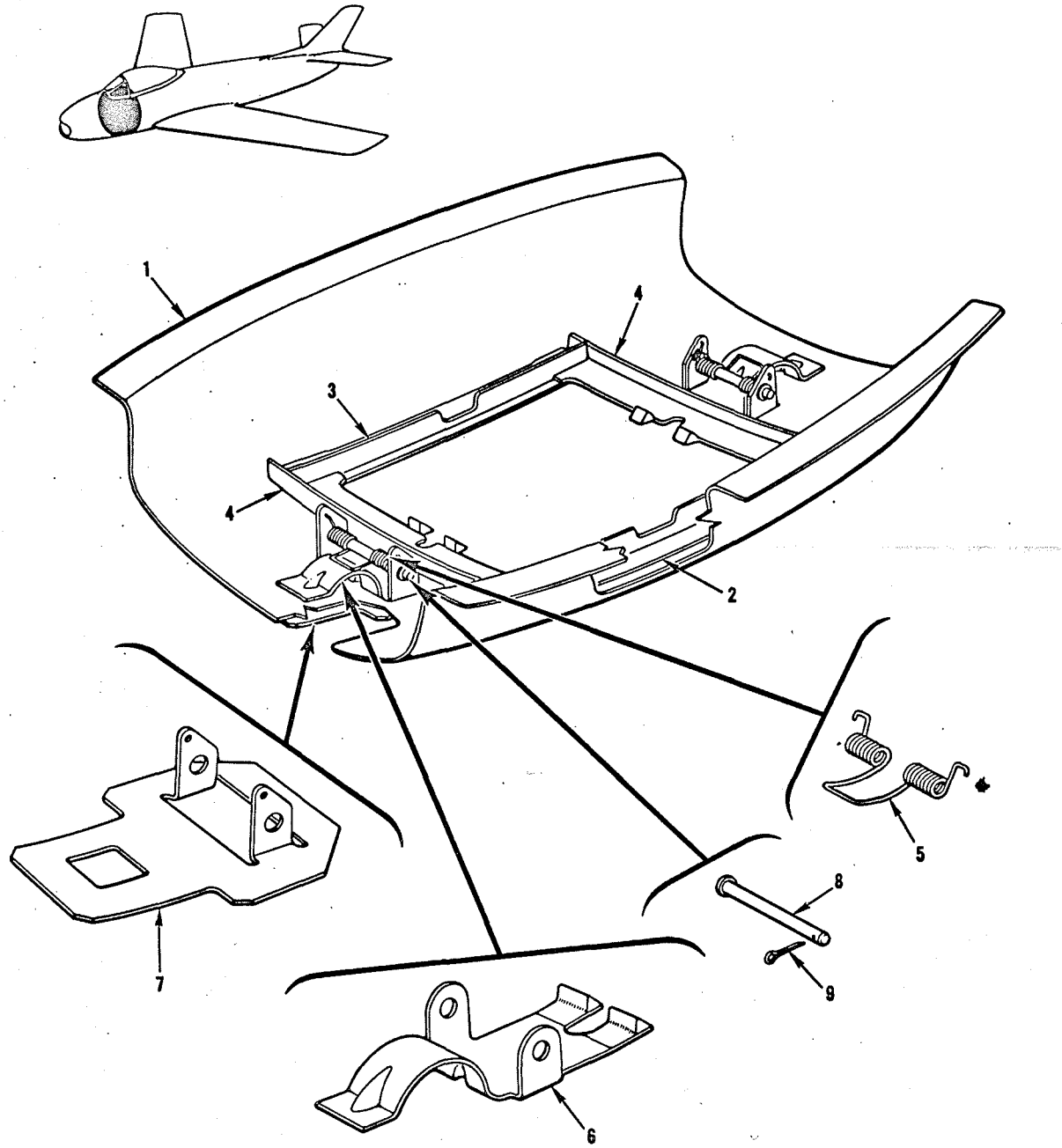

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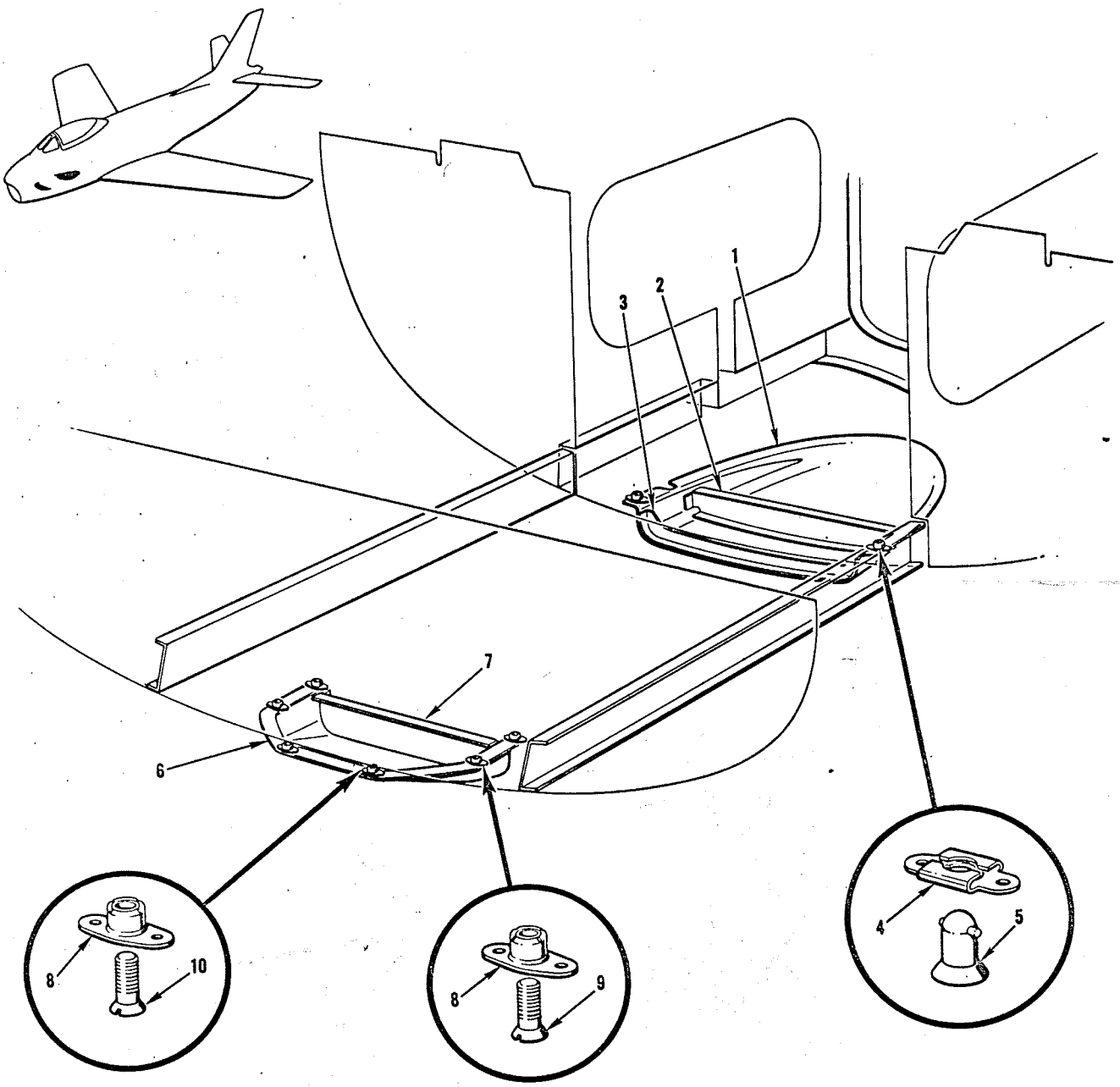
FIGURE 139 - K17 MOUNT CENTER SKIN

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE CODE
139	54FEH2063	*1	K17 Installation	NP	
	54FEJ2041		. Mount Assembly	Ref	
-1	54FEH562		. . Skin, Center, Mount, K17	1	
-2	54FEB607L		. . Support, Track, Mount, K17 LH	1	
-3	54FEB607R		. . Support, Track, Mount, K17 RH	1	
-4	54FEB608		. . Angle, Skin, Mount, K17	2	
-5	55FEB541		. . Spring, Catch	2	
-6	55FEC544		. . Latch, Door, K17	2	
-7	55FEB646		. . Bracket, Catch, K17	2	
-8	AN394-67		. . Pin	2	
-9	AN381-2-10		. . Pin	2	

*1 Used on RF-86F-30 airplanes only



F-86F-4-31-44

FIGURE 140 - K17 CAMERA FAIRING

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
140	54FEK407	*1	Structure Installation, Fuselage	NP	
	54FEE685		. Door Modification, K17 Mount	Ref	
-1	54FEE685-1		. . Fairing	1	
-2	54FEE685-2		. . Rib	1	
-3	54FEE685-3		. . Reinforcement	1	
-4	99947C130		. . Receptacle, Airloc	2	
-5	99834-1-100		. . Stud, Airloc	2	
	99836		. . . Pin, Airloc	2	
	54FED686		. Fairing Front, K17 Mount	Ref	
-6	54FED686-1		. . Panel	1	
-7	54FED686-2		. . Reinforcement	1	
-8	AN373F832		. . Nut Plate	6	
-9	AN507C832-8		. . Screw	4	
-10	AN507C832-10		. . Screw	2	

*1 Used on RF-86F-30 airplanes only

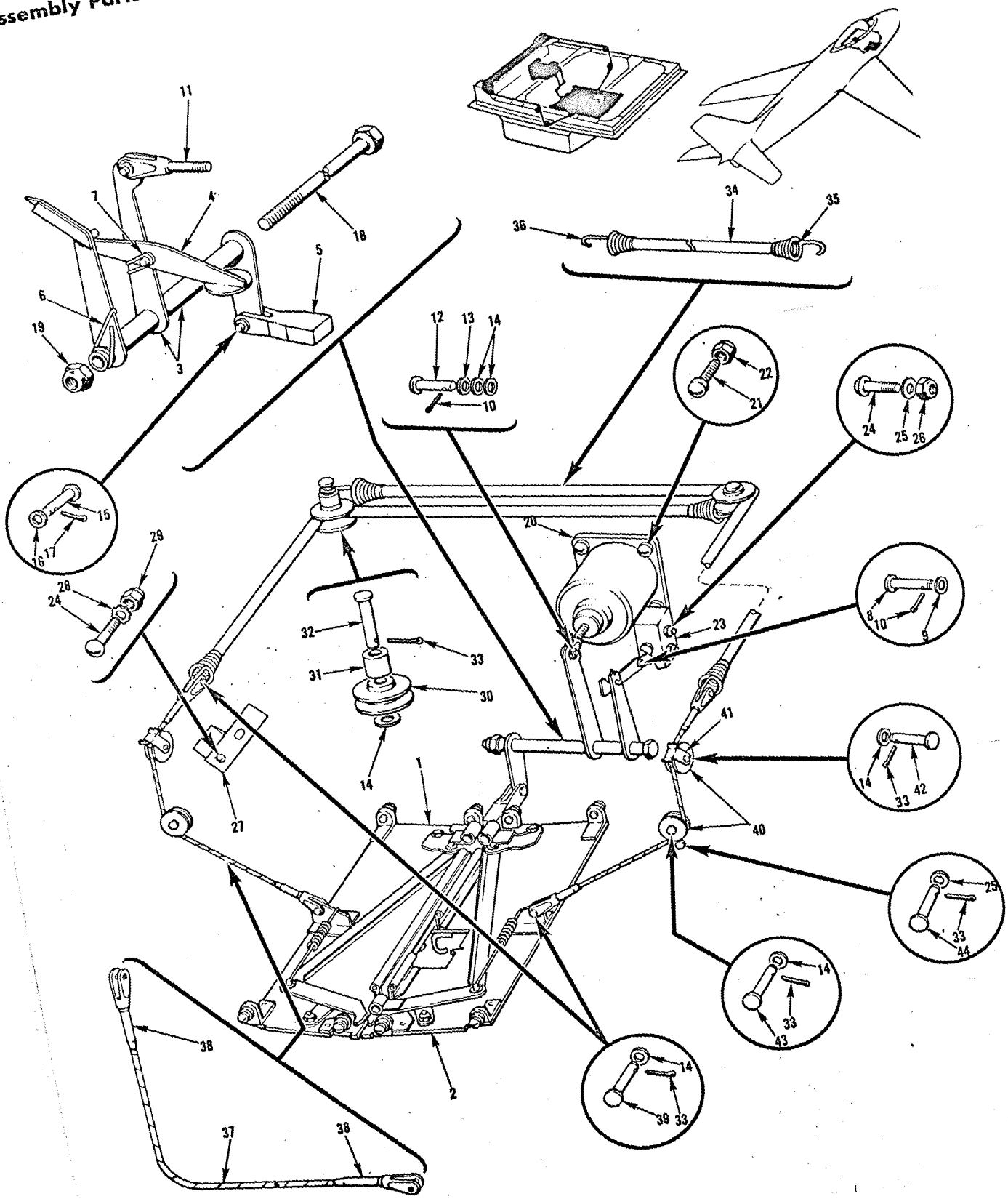


FIGURE 141 - K17 MOUNT SLIDING DOOR ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
141	54FEH2063	*1	K17 Installation	NP	
	54FEJ1505		. Sliding Door Assembly, Mount, K17 (See Fig. 346)	Ref	
-1	54FED531		. . Door Assy, Aft, Sliding Door (See Fig. 142 For Bkdn)	1	
-2	54FED532		. . Door Assy, Fwd, Sliding Door (See Fig. 142 For Bkdn)	1	
	54FEC535		. . Lever Assy, Solenoid, Sliding Door	1	
-3	54FEC536		. . . Lever, Solenoid, Sliding Door	1	
-4	54FEB540		. . . Latch, Switch Lever, Sliding Door	1	
-5	54FEA552		. . . Push Rod, Solenoid, Sliding Door	1	
-6	54FEA553		. . . Spring, Solenoid, Sliding Door	1	
-7	54FEA554		. . . Spring, Latch, Sliding Door	1	
-8	AN393-19		. . . Pin	1	
-9	AN960-10		. . . Washer	1	
-10	AN381-2-8		. . . Pin	2	
-11	AN161-221S		. . . Fork	1	
-12	AN393-13		. . . Pin	1	
-13	AN960C10L		. . . Washer	2	
-14	AN960-10L		. . . Washer	12	
-15	AN392-9		. . . Pin	1	
-16	AN960-4		. . . Washer	1	
-17	AN381-2-7		. . . Pin	1	
-18	AN5-44		. . . Bolt	1	
-19	AN365-524		. . . Nut	1	
-20	1880		. . Solenoid, (Cannon)	1	
-21	AN520-10-8		. . Screw	4	
-22	AN365-1032		. . Nut	4	
-23	AN3215-1		. . Switch, Sensitive	1	
-24	AN515-6-18		. . Screw	4	
-25	AN960-6		. . Washer	4	
-26	AN365-632		. . Nut	2	
-27	AN3210-1		. . Limit Switch	1	
	AN3170-1		. . Actuator, Limit Switch, Class E	1	
-28	AN936A6		. . Washer	2	
-29	AN340-6		. . Nut	2	
-30	54FEA1510		. . Pulley, Bungee Cord, Sliding Door	2	
-31	54FEJ1505-1		. . Spacer	2	
-32	AN393-41		. . Pin	2	
-33	AN381-2-6		. . Pin	10	
	54FEC1507		. . Bungee Cord Assembly, Sliding Door	2	
-34	54FEC1507-2		. . . Rubber Cord	1	
-35	55FEA1181		. . . Sleeve, Bungee Cord, Sliding Door	2	
-36	54FEA1508		. . . Fastener, Bungee Cord, Sliding Door	2	
-37	54FEC1507-1		. . . . Cable	2	
-38	AN667-2		. . . . Terminal	4	
-39	AN393-9		. . . . Pin	2	
-40	54FEA556		. . . Pulley, Cable, Sliding Door	4	
-41	54FEA557		. . . Cable Guide, Sliding Door	2	
-42	AN393-17		. . . Pin	2	
-43	AN393-15		. . . Pin	2	
-44	AN392-15		. . . Pin	2	

*1 Used on RF-86F-30 airplanes only

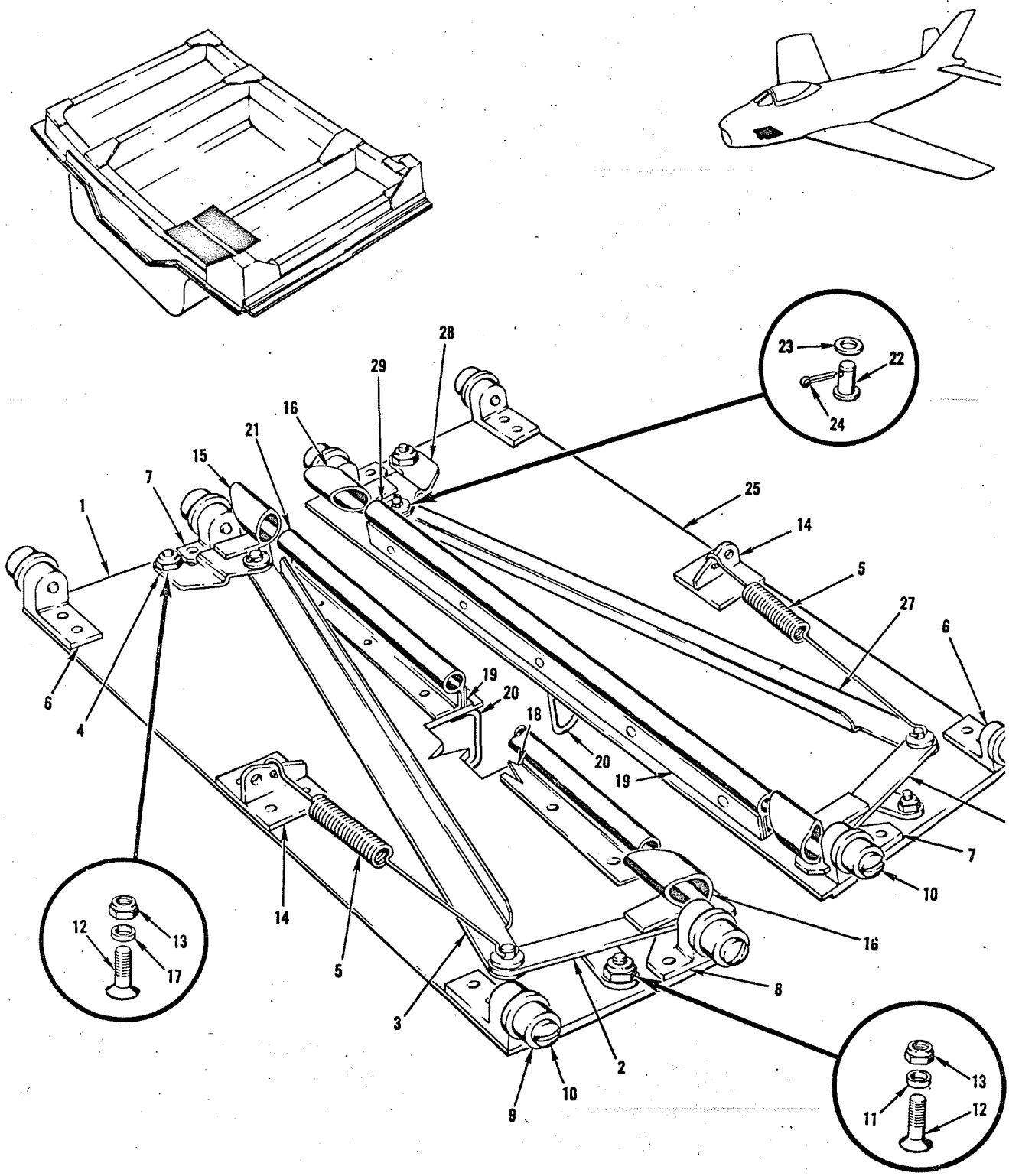


FIGURE 142 - K17 MOUNT SLIDING DOOR

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
142	54FEH2063	*1	K17 Installation	Ref	
	54FEJ1505		. Sliding Door Assembly, K17, Mount	Ref	
	54FED532		. . Door Assy, Fwd, Sliding Door (See Fig. 141)	Ref	
-1	54FEC534		. . . Door, Fwd, Sliding Door	1	
-2	54FEB538R		. . . Latch, Left, Sliding Door RH	1	
-3	54FEB539R		. . . Link, Latch, Sliding Door RH	1	
-4	54FEA541R		. . . Latch, Right, Sliding Door RH	1	
-5	54FEA542		. . . Spring, Latch, Sliding Door	2	
-6	54FEA543		. . . Support, Roller, Outbd, Sliding Door	4	
-7	54FEA544L		. . . Support, Roller Inbd, Sliding Door LH	2	
-8	54FEA544R		. . . Support, Roller Inbd, Sliding Door RH	2	
-9	54FEA545		. . . Roller, Sliding Door	8	
-10	54FEA546		. . . Screw, Roller, Sliding Door	8	
-11	54FEA547		. . . Bushing, Latch, Left, Sliding Door	2	
-12	AN507-1032-10		. . . Screw	4	
-13	AN364-1032		. . . Nut	4	
-14	54FEA548		. . . Lug, Sliding Door	2	
-15	54FEA550L		. . . Seal, Door, Short LH	2	
-16	54FEA550R		. . . Seal, Door, Short RH	2	
-17	54FEA551		. . . Bushing, Latch, Right, Sliding Door	2	
-18	54FEA688		. . . Support, Seal, Door	2	
-19	54FEA689		. . . Retainer, Seal, Door	2	
-20	54FEA1971		. . . Hook, Sliding Door	2	
-21	54FED532-1		. . . Seal	1	
-22	AN393-9		. . . Pin	4	
-23	AN960-10L		. . . Washer	4	
-24	AN381-2-8		. . . Pin	2	
	54FED531		. . Door Assembly, Aft, Sliding Door (See Fig. 141)	Ref	
-25	54FEC533		. . . Door, Aft, Sliding Door	1	
-26	54FEB538L		. . . Latch, Left, Sliding Door LH	1	
-27	54FEB539L		. . . Link, Latch, Sliding Door LH	1	
-28	54FEA541L		. . . Latch, Right, Sliding Door LH	1	
-29	54FED531-1		. . . Seal	1	

*1 Used on RF-86F-30 airplanes only

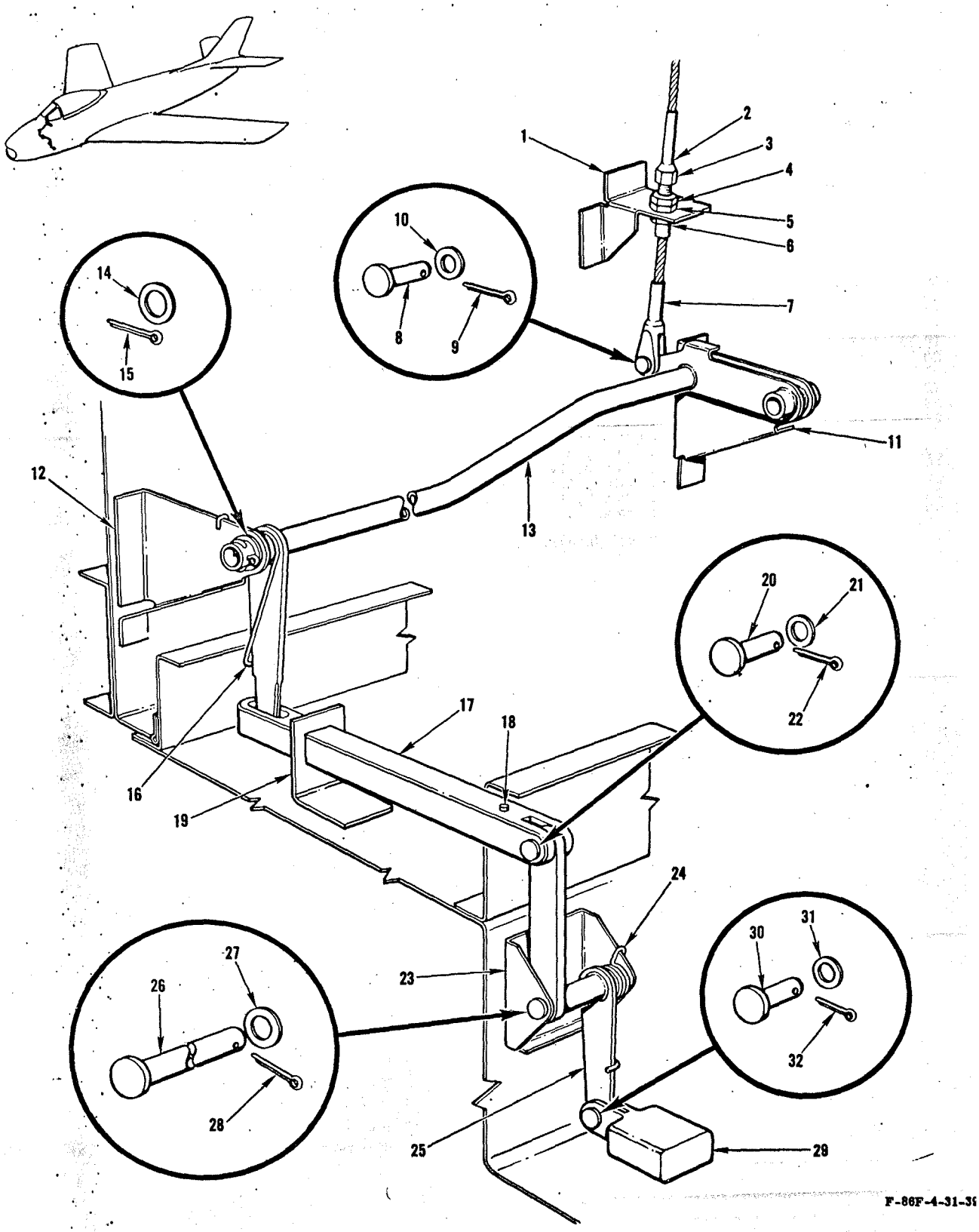


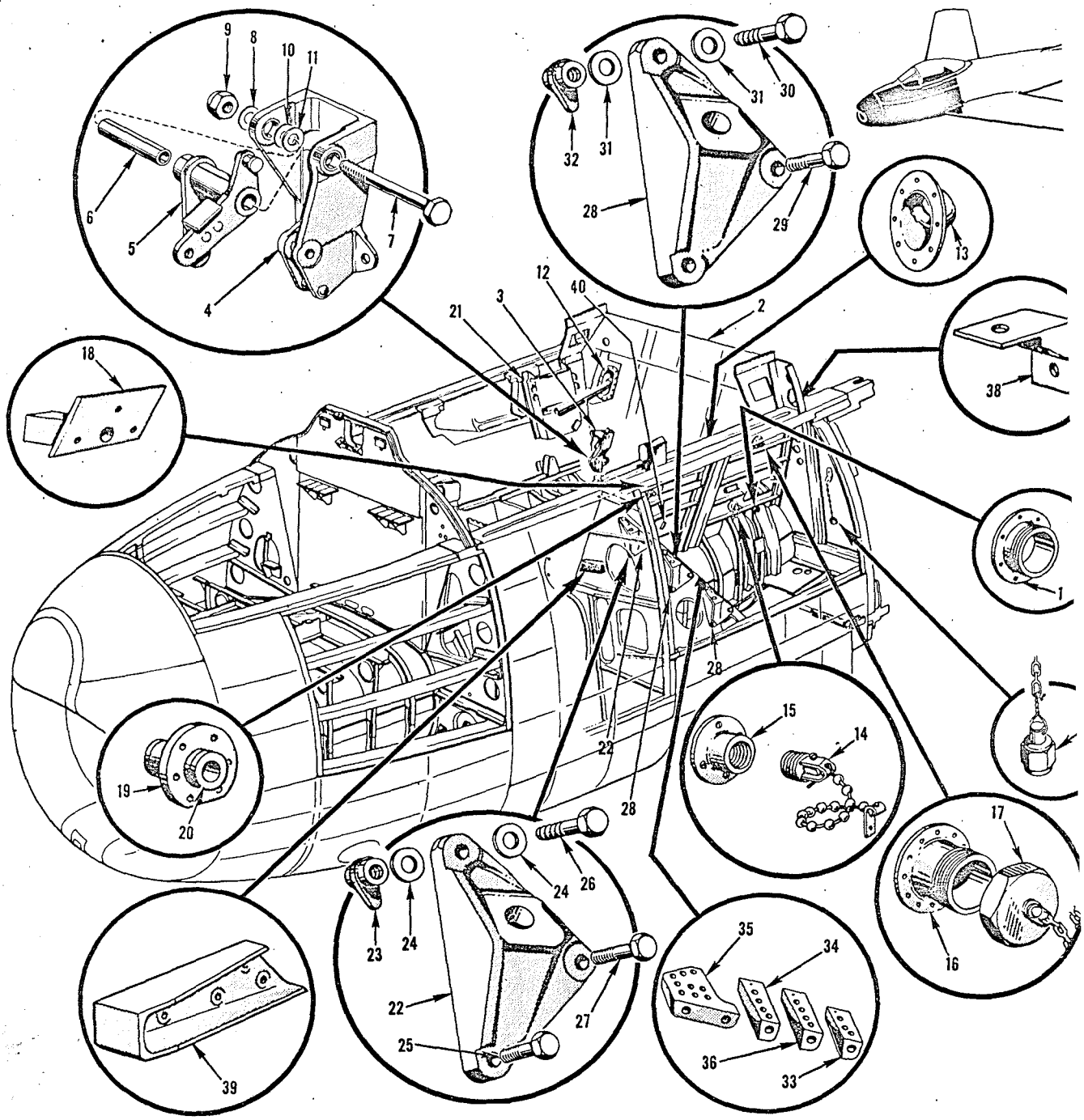
FIGURE 143 - K17 DOOR MANUAL RELEASE

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
143	54FEK1743	*1	Manual Release Installation, Camera Door	NP	
-1	54FEA1774		. Bracket, Cable, Flexible Control	1	
-2	AN8004-1		. Cap, Flexible Push-Pull Control Casing	1	
-3	AN8005-1		. Stop, Flexible Push-Pull Control Casing	1	
-4	AN316-4R		. Nut	1	
-5	AN345-416		. Nut	1	
-6	AN364-428		. Nut	1	
-7	AN667-2		. Terminal	1	
-8	AN393-9		. Pin	1	
-9	AN381-2-8		. Pin	1	
-10	AN960-10		. Washer	1	
-11	54FEB1771L		. Bracket Pull Lever LH	1	
-12	54FEB1771R		. Bracket Pull Lever RH	1	
-13	55FEB354		. Pull Lever, Manual Release	1	
-14	AN960-816		. Washer	2	
-15	AN381-2-14		. Pin	2	
-16	54FEA1769		. Spring, Pull Lever	1	
-17	54FEB1766		. Pull Rod, Manual Release	1	
-18	99799		. Pin, Cowling, Fastener, (United-Carr)	1	
-19	54FEA1772		. Support, Pull Rod	1	
-20	AN392-13		. Pin	1	
-21	AN960-4		. Washer	1	
-22	AN381-2-6		. Pin	1	
-23	54FEA1773		. Bracket, Push Lever	1	
-24	54FEA1770		. Spring, Push Lever	1	
-25	54FEB1767		. Push Lever, Manual Release	1	
-26	AN394-63		. Pin	1	
-27	AN960-416		. Washer	1	
-28	AN381-2-10		. Pin	1	
-29	54FEA1768		. Push Rod, Manual Release	1	
-30	AN392-11		. Pin	1	
-31	AN960-4		. Washer	1	
-32	AN381-2-6		. Pin	1	

*1 Used on RF-86F-30 airplanes only

FUSELAGE (Cont)



176-31-35B

FIGURE 144 - FUSELAGE STATION 84.5 TO CANTED FUSELAGE STATION 126.437 FUSELAGE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABI CO
144	170-31132	FUSELAGE ASSY, Fuselage station 84.5 to canted station 126.437 (see figure 115 for next assembly)	Ref	A
	176-31132	FUSELAGE ASSY, Fuselage station 84.5 to canted station 126.437 (see figure 115 for next assembly)	Ref	B
	No Number	. LOWER SECTION FUSELAGE ASSEMBLY STATION 84.5 TO STATION 126.437, (see figure 149 for breakdown)	NP	
-1	151-52312	. COLLAR, Aileron control pressure	1	
-2	152-31138-300	. BULKHEAD ASSY, Fuselage station 117 9/16 canted	1	C
	151-54038	. . BLOCK, Electrical pressurized	1	C
	152-31138-310	. BULKHEAD ASSY, Fuselage station 117 9/16 canted	1	D
-3	152-31868-10	. . BRACKET ASSY, Canopy release mechanism station 117 9/16 (whn exh use 152-31868-20)	1	
	152-31868-20	. . BRACKET ASSY, Canopy release mechanism station 117 9/16 (use 152-31868-10 untl exh)	1	

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
144	152-31867			.	.	.			BRACKET ASSY, Conopy release mechanism pulley (used on 152-31868-10 only)	1	
	4B16CP9-12				.	.			BEARING, Sintered oil impregnated (North American)	2	
	4S4D4-12				.	.			SPACER, Bolt (North American)	1	
-4	172-31859				.	.			BRACKET ASSY, Canopy release mechanism pulley	1	
	4S4D4-14				.	.			SPACER, Bolt (North American)	1	
-5	151-318139				.	.			SECTOR ASSY, Canopy emergency release mechanism	1	
	4S4D5-8				.	.			SPACER, Bolt (North American)	1	
-6	4B12CP4-61				.	.			BEARING, Sintered oil impregnated (North American)	1	
-7	AN4-30				.	.			BOLT	1	
-8	AN960-416				.	.			WASHER	1	
-9	AN310-4				.	.			NUT	1	
-10	2W1-24-20-16				.	.			WASHER, Plain (North American)	AR	
-11	2W1-24-20-10				.	.			WASHER, Plain (North American)	AR	
-12	151-52229-3			.	.				SEAL INSTL, Elev control push-pull tube (see figure 145)	NP	
-13	151-52408			.	.				BASE, Rudder control LH pressure seal	1	
	140-52442			.					BASE, Rudder control RH pressure seal	1	
	170-31148-49			.					WEB ASSY, Fus sta 80.97 to sta 126.419 cockpit pressure LH	1	A
	170-31148-59			.					WEB ASSY, Fus sta 80.97 to sta 126.419 cockpit pressure LH	1	E
	170-31148-79			.					WEB ASSY, Fus sta 80.97 to sta 126.419 cockpit pressure LH	1	F
	170-31148-89			.					WEB ASSY, Fus sta 80.97 to sta 126.419 cockpit pressure LH	1	G
	170-31148-69			.					WEB ASSY, Fus sta 80.97 to sta 126.419 cockpit pressure LH	1	H
	170-31148-50			.					WEB ASSY, Fus sta 80.97 to sta 126.419 cockpit pressure RH	1	J
	170-31148-60			.					WEB ASSY, Fus sta 80.97 to sta 126.419 cockpit pressure RH	1	K
	170-31148-70			.					WEB ASSY, Fus sta 80.97 to sta 126.419 cockpit pressure RH	1	H
-14	130-53456			.	.				PLUG ASSY, Cabin pressure sys test fitting (LH side only)	1	
-15	AN865-1			.	.				FLANGE, (LH side only)	1	
-16	130-53447-3			.	.				FITTING, Cabin air system pressure (LH only)	1	A,E,F,H
-17	130-53455-3			.	.				CAP ASSY, Cabin pressure system test fitting (LH only)	1	A,E,F,H
-18	151-43099			.	.				FITTING, Engine control quadrant spacer support (LH only)	1	
-19	151-58386			.	.				HOUSING ASSY, Hyd emer speed brake dump valve control (LH only)	1	A,E,F
-20	4B16CF7-14			.	.	.			BEARING, Sintered oil impregnated (North American)	2	A,E,F
	152-53080-10			.	.				CASE ASSY, Pilot's map (RH side only)	1	J,K
-21	152-53080-20			.	.				CASE ASSY, Pilot's map (RH side only)	1	H
	151-51029			.	.				SUPPORT ASSY, M4 valve (LH only)	1	
	151-51041			.	.	.			BOLT ASSY, M4 valve attaching	1	
-22	151-61030-5			.					MOUNT, 6 fixed .50 caliber guns front LH	1	
	151-61030-6			.					MOUNT, 6 fixed .50 caliber guns front RH	1	
-23	52-1571-064			.					NUT, Self-wrenching (Elastic)	6	
-24	2W1C22-25-63			.					WASHER, Plain (North American)	12	
-25	AN6-14A			.					BOLT	2	
-26	AN6-15A			.					BOLT	2	
-27	AN6-17A			.					BOLT	2	
	151-31166-61			.					SUPPORT ASSY, Fus sta 84.5 to 109 fwd gun trunnion mount LH	1	
	151-31166-62			.					SUPPORT ASSY, Fus sta 84.5 to 109 fwd gun trunnion mount RH	1	
-28	151-61030-3			.	.				MOUNT, 6 fixed .50 caliber guns front LH	2	
	151-61030-4			.	.				MOUNT, 6 fixed .50 caliber guns front RH	2	
-29	AN6-14A			.	.				BOLT	2	
-30	AN6-16A			.	.				BOLT	4	
-31	2W1C25-20-63			.	.				WASHER, Plain (North American)	12	
-32	52-1571-064			.	.				NUT, Self locking 250°F (Elastic)	6	
-33	152-31178-3			.	.				FITTING, Fuselage trunnion front gun support LH	1	
	152-31178-4			.	.				FITTING, Fuselage trunnion front gun support RH	1	
-34	152-31178-7			.	.				FITTING, Fuselage trunnion front gun support LH	1	
	152-31178-8			.	.				FITTING, Fuselage trunnion front gun support RH	1	
-35	152-31189-3			.	.				FITTING, Fuselage trunnion support gun front upper LH	1	
	152-31189-4			.	.				FITTING, Fuselage trunnion support gun front upper RH	1	
	151-31158-41			.	.				WEB ASSY, Fus sta 84.5 to 109 gun trunnion upper canted LH	1	
	151-31158-42			.	.				WEB ASSY, Fus sta 84.5 to 109 gun trunnion upper canted RH	1	
-36	152-31178-5			.	.	.			FITTING, Fuselage trunnion front gun support LH	1	
	152-31178-6			.	.	.			FITTING, Fuselage trunnion front gun support RH	1	
	151-31221-91			.					FRAME ASSY, Fuselage canted station 126.419 LH side	1	
-37	151-53636			.					CAP ASSY, Canopy seal ground press fitting	1	
	151-31222-60			.					FRAME ASSY, Fuselage canted station 126.419 RH side	1	
-38	151-31514			.	.				FITTING, Forward hoist fuselage station 124	1	
-39	140-31188-1			.					FITTING, Trunnion support gun station 84.5 LH	1	
	140-31188-2			.					FITTING, Trunnion support gun station 84.5 RH	1	
	151-31449-21			.					STRINGER ASSY, Fus sta 84 1/2 to 131 gun bay door support	1	
	151-31449-22			.					STRINGER ASSY, Fus sta 84 1/2 to 131 gun bay door support	1	
	140-61021			.	.				QUICK RELEASE, Booster motor attaching bracket (altered from Burklyn 1010-3 type A)	3	
	140-61088			.	.				BRACKET ASSY, Booster motor fwd attaching	1	
	140-61089			.	.				BRACKET ASSY, Booster motor center attaching	1	
	140-61090			.	.				BRACKET ASSY, Booster motor rear attaching	1	
-40	6-140			.					TERMINAL STRIP, (Jones, H.B.)	1	
	151-51029			.					SUPPORT ASSY, M4 valve (see fig. 376)	1	

USEABLE ON CODE:
A 51-2850 thru 51-13169
B 51-13170 and subs
C 51-2850 thru 51-13510
D 52-4305 and subs
E 51-13170 thru 51-13510, 52-4305 thru 52-5063, 52-5272 thru 52-5328
F 52-5329 thru 52-5446
G 52-5064 thru 52-5163, 52-5447 thru 52-5530
H 52-5164 thru 52-5271, 53-1072 and subs
J 51-2850 thru 51-12976, 51-13170 thru 51-5163, 52-5272 thru 52-5530
K 51-13070 thru 51-13169

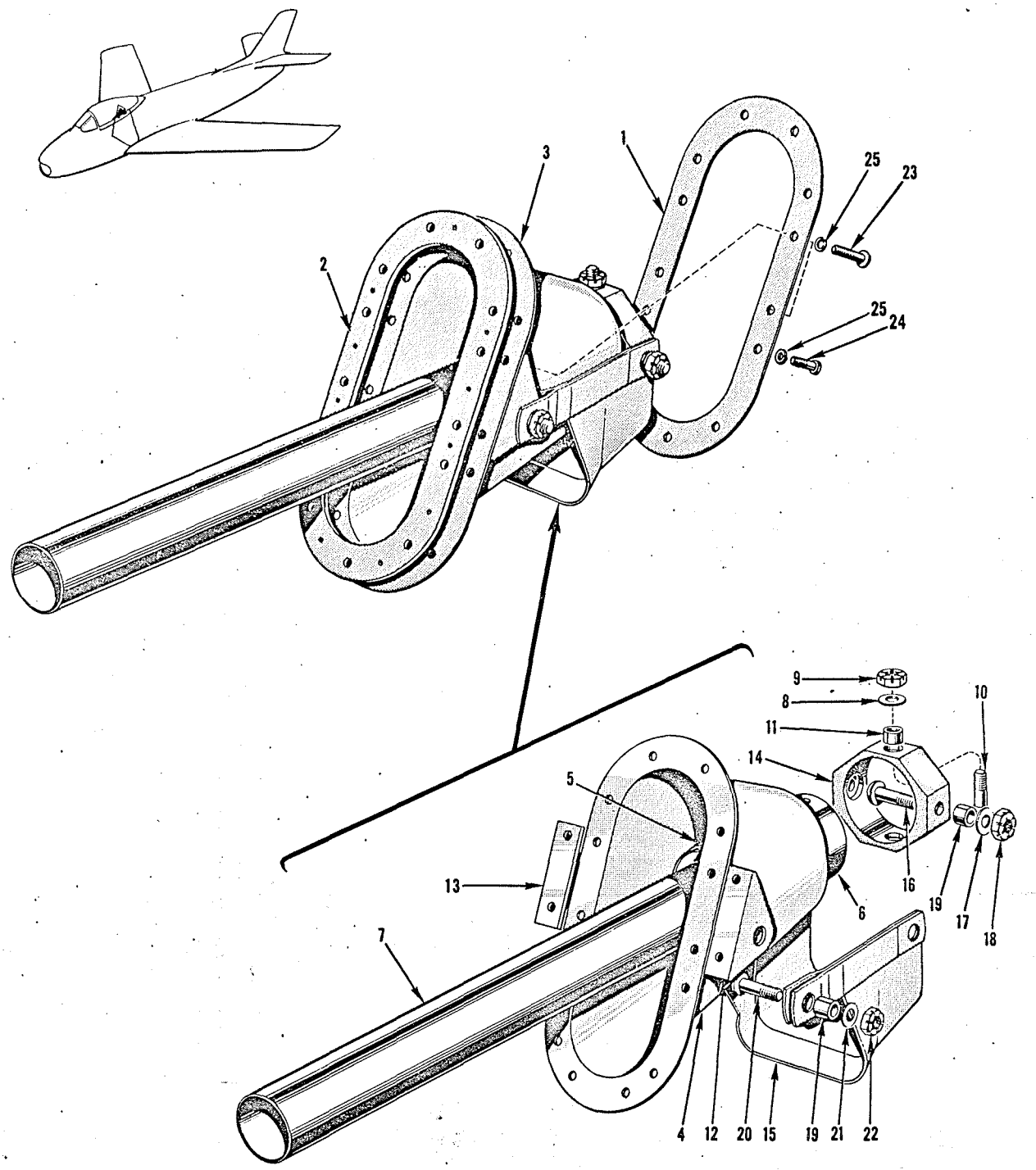


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FIGURE 145 - ELEVATOR CONTROL PUSH-PULL TUBE SEAL

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
145	151-52229-3	SEAL INSTALLATION, Elevator control push-pull tube (see figure 144 for next assembly)	NP	
-1	140-52242-3	. RING, Elevator push-pull tube seal book retainer	1	
-2	151-52219	. RING, Elevator push-pull tube seal attaching	1	
-3	151-52230-7	. SEAL ASSY, Elevator control push-pull tube	1	
	151-52238	. . TUBE ASSEMBLY, Elevator control push-pull tube pressure seal	1	
-4	140-52239	. . . BOOT, Elevator push-pull tube seal	1	
-5	140-52244	. . . RING, Elevator push-pull tube seal	1	
-6	140-52225	. . . COLLAR, Elevator push-pull tube seal	1	
-7	140-52243	. . . TUBE, Elevator push-pull tube seal	1	
-8	AN960-10L	. . WASHER	2	
-9	AN320-3	. . NUT	2	
-10	7S13-1032C10	. . SCREW, 100° flush head corrosion resistant (North American)	2	
-11	4B21S3-007	. . BUSHING, Spacer (North American)	2	
	151-52230-5	. . SEAL SUB-ASSEMBLY, Elevator control push-pull tube seal	1	
-12	151-52226-3	. . . PIVOT, Elevator control push-pull tube seal	1	
-13	151-52226-4	. . . PIVOT, Elevator control push-pull tube seal	1	
-14	151-52227	. . . PIVOT, Elevator control push-pull tube collar	1	
-15	151-52228	. . . ARM ASSY, Elevator control push-pull tube seal	1	
-16	AN23-12	. . . BOLT	2	
-17	AN96-10L	. . . WASHER	2	
-18	AN320-3	. . . NUT	2	
-19	4B21S3-010	. . . BUSHING, Spacer (North American)	4	
-20	AN23-10	. . . BOLT	2	
-21	AN960-10L	. . . WASHER	2	
-22	AN320-3	. . . NUT	2	
-23	AN520-10R7	. SCREW	4	
-24	AN3-3A	. BOLT	8	
-25	AN935-10	. WASHER	12	

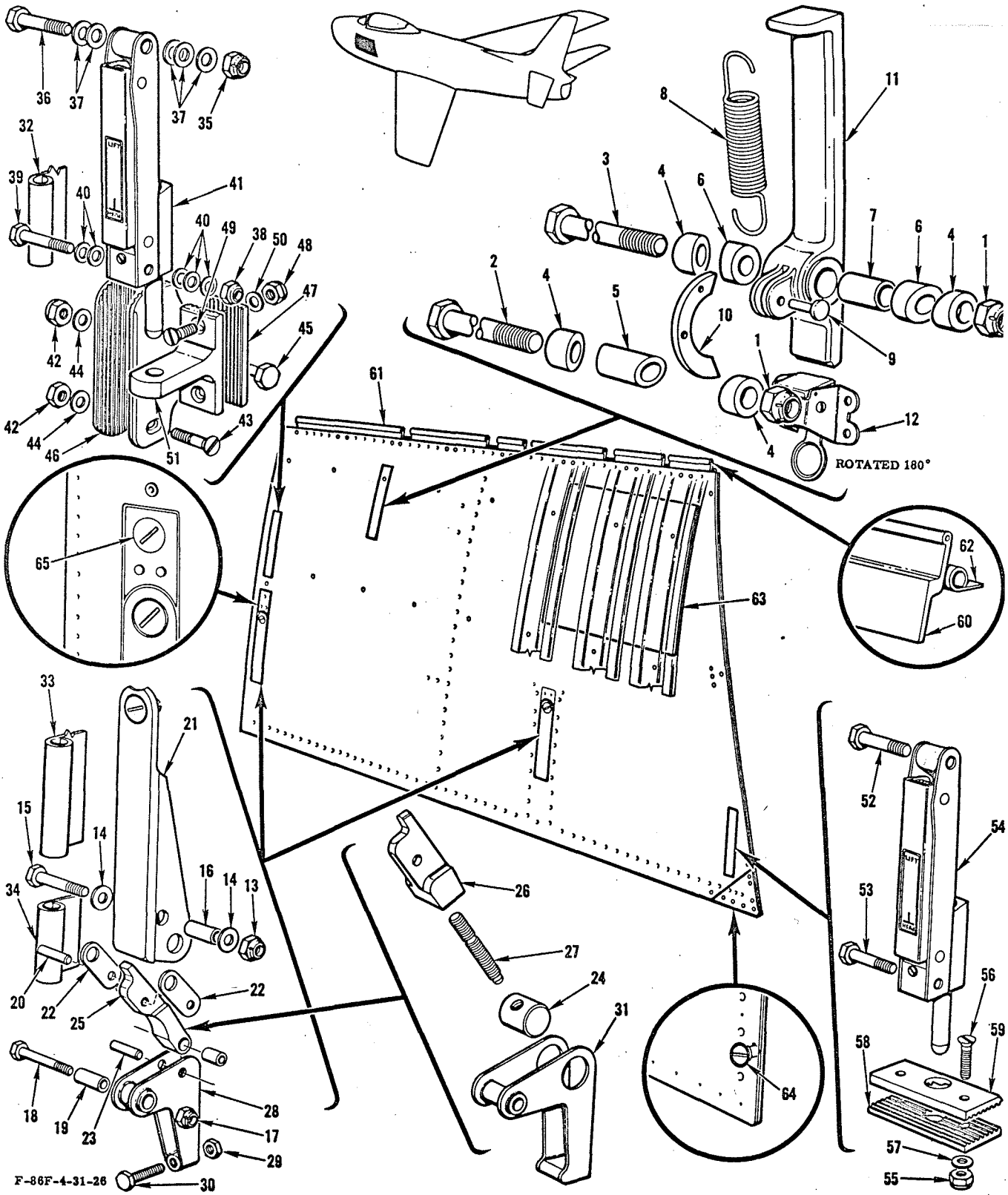

FIGURE 146 - GUN BAY ACCESS DOOR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
146	151-31006-101		DOOR ASSY, Gun bay access LH (see fig. 106 for next assy)	Ref	A
	151-31006-102		DOOR ASSY, Gun bay access RH (see fig. 106 for next assy)	Ref	A
-1	AN365-428	.	NUT	2	A
-2	AN4-17A	.	BOLT	1	A
-3	AN4-26A	.	BOLT	1	A
-4	140-31027-3	.	BLOCK, Cockpit access handle	4	A
-5	140-31068	.	SPACER, Cockpit access handle	1	A
-6	140-31027-5	.	BLOCK, Cockpit access handle	2	A
-7	NAS75-4-027	.	BUSHING, Plain press fit steel	1	A
-8	151-31703	.	SPRING, Cockpit access handle	1	A
-9	AN392-15	.	PIN	1	A
-10	151-31006-71	.	CLIP, Door assembly gun bay access	1	A
-11	140-31026	.	HANDLE, Cockpit access	1	A
-12	KM610-64	.	FASTENER, (Camloc)	1	A
-13	AN365-1032	.	NUT	2	A
-14	AN960-416L	.	WASHER	AR	A
-15	AN3-14A	.	BOLT	2	A
-16	4S4-6-30	.	SPACER, Rivet (North American)	2	A
-17	AN365-428	.	NUT	2	A
-18	AN4-14A	.	BOLT	2	A
-19	4S4-8-26	.	SPACER, Rivet (North American)	2	A
-20	170-31023	.	PIN, Fuselage gun bay door latch	2	A
-21	140-31021-21	.	HANDLE ASSY, Gun bay door latch fwd LH	1	A
	140-31021-22	.	HANDLE ASSY, Gun bay door latch fwd RH	1	A
	140-31021-23	.	HANDLE ASSY, Gun bay door latch aft	1	A
-22	170-31024	.	LINK, Fuselage gun bay door latch auxiliary	4	A
-23	151-31006-19	*1 .	PIN, Gun bay door link attaching	2	A
-24	202-31034	*2 .	PIN, Fuselage gun bay door latch	2	A
-25	170-31022	*1 .	LINK, Fuselage gun bay door latch	2	A
-26	202-31044-3	*2 .	LINK, Fuselage gun bay door latch (intrch wth 202-31037)	2	A
-27	202-31036	*2 .	SCREW, Fuselage gun bay door latch adjustment	2	A
-28	140-31023	*1 .	LATCH ASSY, Gun bay door	2	A
-29	AN316-4R	.	NUT	2	A
-30	5B2-11	.	BOLT, Adjustment (North American)	2	A
-31	202-31035	*2 .	LATCH ASSY, Fuselage gun bay door	2	A
-32	151-31006-85	.	SEAL, Gun bay access latch (fwd only)	1	A
-33	151-31006-89	.	SEAL, Gun bay access latch (fwd only)	1	A
-34	151-31006-87	.	SEAL, Gun bay access latch (fwd only)	1	A
-35	AN365-428	*2 .	NUT	1	A
-36	AN4-14A	*2 .	BOLT	1	A
-37	2W18-416	*2 .	WASHER, Flat (North American)	5	A
-38	AN365-1032	*2 .	NUT	1	A
-39	AN3-14A	*2 .	BOLT	1	A
-40	2W18-10	*2 .	WASHER, Flat (North American)	5	A
-41	H9380-4	*2 .	LATCH ASSY, Pin (Hartwell)	1	A
-42	AN365-1032	*2 .	NUT	3	A
-43	AN509-10R14	*2 .	SCREW	2	A
-44	2W18-10	*2 .	WASHER, Flat (North American)	3	A
-45	AN3-6A	*2 .	BOLT	1	A
-46	202-31041-1	*2 .	PLATE, Fuselage gun bay door latch side LH	1	A
	202-31041-2	*2 .	PLATE, Fuselage gun bay door latch side RH	1	A
-47	202-31042-1	*2 .	TEE, Fuselage gun bay door latch LH	1	A
	202-31042-2	*2 .	TEE, Fuselage gun bay door latch RH	1	A
-48	AN365-1032	*2 .	NUT	2	A
-49	AN509-10R13	*2 .	SCREW	2	A
-50	2W18-10	*2 .	WASHER, Flat (North American)	2	A
-51	202-31043-1	*2 .	TEE, Fuselage gun bay door latch locking LH	1	A
	202-31043-2	*2 .	TEE, Fuselage gun bay door latch locking RH	1	A
-52	AN4-11A	*2 .	BOLT	1	A
-53	AN3-12A	*2 .	BOLT	1	A
-54	H9380-4	*2 .	LATCH ASSY, Pin (Hartwell)	1	A
-55	AN365-1032	*2 .	NUT	2	A
-56	AN509-10R16	*2 .	SCREW	2	A
-57	2W18-10	*2 .	WASHER, Flat (North American)	2	A
-58	202-31040-1	*2 .	PLATE, Fuselage gun bay door latch lower LH	1	A
	202-31040-2	*2 .	PLATE, Fuselage gun bay door latch lower RH	1	A
-59	202-31039-1	*2 .	PLATE, Fuselage gun bay door latch upper LH	1	A
	202-31039-2	*2 .	PLATE, Fuselage gun bay door latch upper RH	1	A
-60	151-31006-15	.	HINGE, Gun bay access door LH	1	A
	151-31006-16	.	HINGE, Gun bay access door RH	1	A
-61	151-31006-21	.	HINGE, Gun bay access door LH	1	A
	151-31006-22	.	HINGE, Gun bay access door RH	1	A
-62	151-31006-81	.	SEAL, Gun bay access door top	1	A
-63	151-61090	.	PLATE, .50 cal gun installation instruction	1	A
-64	99834-3-.290	*1 .	STUD, (United-Carr)	1	A
	99836	*1 .	PIN, (United-Carr)	1	A
-65	99834-16-1.640	*1 .	STUD, (United-Carr)	1	A
	99836	*1 .	PIN, (United-Carr)	1	A

*1 Not used on airplanes 51-2850 thru 53-1228 that have been modified per T. O. 1F-86-507.
*2 Used on airplanes 51-2850 thru 53-1228 when modified per T. O. 1F-86-507.

USEABLE ON CODE: A 51-2850 thru 53-1228

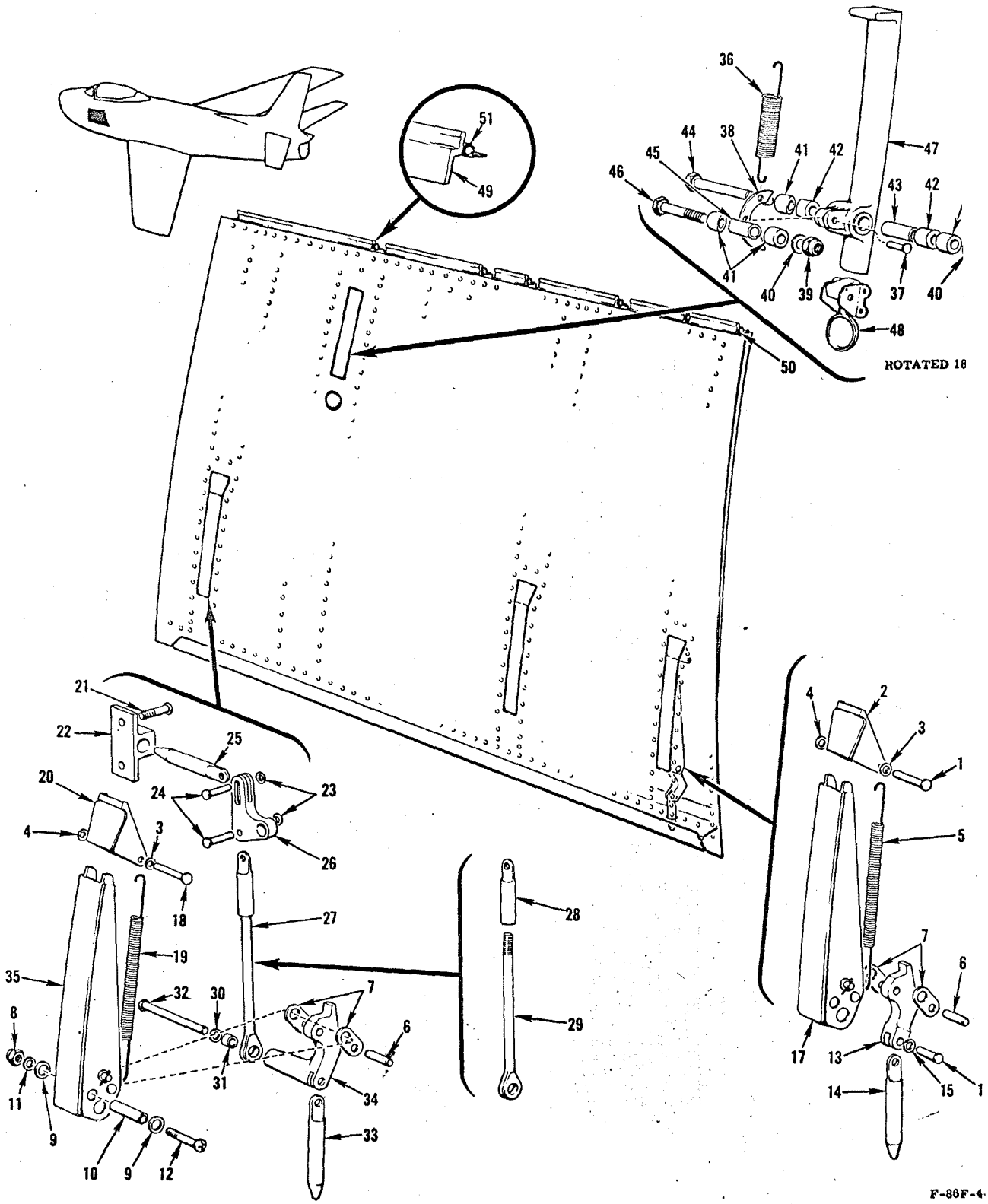

FIGURE 147 - FUSELAGE STATION 84.5 TO CANTED STATION 126.419 GUN BAY ACCESS DOOR ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
147	227-31006-1	DOOR ASSY, Fus sta 84.5 to canted sta 126.419 gun bay access LH. (see figure 106 for next assembly)	Ref	A
	227-31006-2	DOOR ASSY, Fus sta 84.5 to canted sta 126.419 gun bay access RH.	Ref	A
-1	AN392-35	. PIN	2	A
-2	227-31010-3	. LATCH ASSY, Fus gun bay access door handle securing LH center	2	A
	227-31010-4	. LATCH ASSY, Fus gun bay access door handle securing RH center	2	A
-3	2W1AL9-12-70	. WASHER, Plain (North American)	6	A
-4	2W18-6	. WASHER, Flat (North American)	6	A
-5	187-31022	. SPRING, Tension	2	A
-6	170-31023	. PIN, Fus gun bay door latch	3	A
-7	227-31009	. LINK, Fus gun bay access door latch	6	A
-8	AN365-1032	. NUT	3	A
-9	2W18-516	. WASHER, Flat (North American)	6	A
-10	4B21S3-030	. BUSHING, Spacer (North American)	3	A
-11	2W18-10	. WASHER, Flat (North American)	3	A
-12	NAS221-24	. SCREW, Brazier head Phillips recess alloy steel 10-32	3	A
-13	227-31015	. IDLER, Fus gun bay access door aft latch	2	A
-14	187-312316-17	. PIN, Fus gun bay access door latch handle locking	2	A
-15	2W18-10L	. WASHER, Flat (North American)	2	A
-16	AN393-11	. PIN	2	A
-17	227-31007-3	. HANDLE ASSY, Gun bay access door latch LH center	1	A
	227-31007-4	. HANDLE ASSY, Gun bay access door latch RH center	1	A
	227-31007-5	. HANDLE ASSY, Gun bay access door latch LH aft	1	A
	227-31007-6	. HANDLE ASSY, Gun bay access door latch RH aft	1	A
-18	AN392-35	. PIN	1	A
-19	187-31022	. SPRING, Tension	1	A
-20	227-31010-1	. LATCH ASSY, Fus gun bay access door handle securing LH	1	A
	227-31010-2	. LATCH ASSY, Fus gun bay access door handle securing RH	1	A
-21	NAS221-11	. SCREW, Brazier head Phillips recess alloy steel 10-32	2	A
-22	227-31012	. GUIDE, Fus gun bay access door upper latch pin	1	A
-23	2W18-10	. WASHER, Plain (North American)	2	A
-24	AN393-11	. PIN	2	A
-25	187-312316-19	. PIN, Fus gun bay access door latch handle locking	1	A
-26	227-31013	. BELLCRANK, Fus gun bay access door upper latch pin	1	A
-27	227-31014	. ROD ASSY, Fus gun bay access door pin operating	1	A
-28	187-312310	. . ROD END, Fus gun bay access door upper hook operating	1	A
-29	227-31018	. . ROD END, Fus gun bay access door lower hook operating	1	A
-30	2W18-10	. WASHER, Plain (North American)	1	A
-31	4B21S3-005	. BUSHING, Spacer (North American)	1	A
-32	AN393-67	. PIN	1	A
-33	187-312316-17	. PIN, Fus gun bay access door latch handle locking	1	A
-34	227-31008-1	. IDLER, Fus gun bay access door forward latch LH	1	A
	227-31008-2	. IDLER, Fus gun bay access door forward latch RH	1	A
-35	227-31007-1	. HANDLE ASSY, Gun bay access door latch LH	1	A
	227-31007-2	. HANDLE ASSY, Gun bay access door latch RH	1	A
-36	151-31703	. SPRING, Cockpit access handle	1	A
-37	AN392-15	. PIN	1	A
-38	227-31006-53	. CLIP	1	A
-39	AN365-428	. NUT	2	A
-40	2W18-416L	. WASHER, Flat (North American)	2	A
-41	140-31027-3	. BLOCK, Cockpit access handle	4	A
-42	140-31027-5	. BLOCK, Cockpit access handle	2	A
-43	4B19S4-027	. BUSHING, Press-fit plain (North American)	1	A
-44	AN4-26A	. BOLT	1	A
-45	140-31068	. SPACER, Cockpit access handle	1	A
-46	AN4-17A	. BOLT	1	A
-47	140-31026	. HANDLE, Cockpit access	1	A
-48	KM610-64	. FASTENER ASSEMBLY, (Camloc)	1	A
-49	227-31006-9	. HINGE, LH	1	A
	227-31006-10	. HINGE, RH	1	A
-50	227-31006-11	. HINGE, LH	1	A
	227-31006-12	. HINGE, RH	1	A
-51	227-31006-73	. SEAL	1	A

USEABLE ON CODE: A 55-3816 and subs

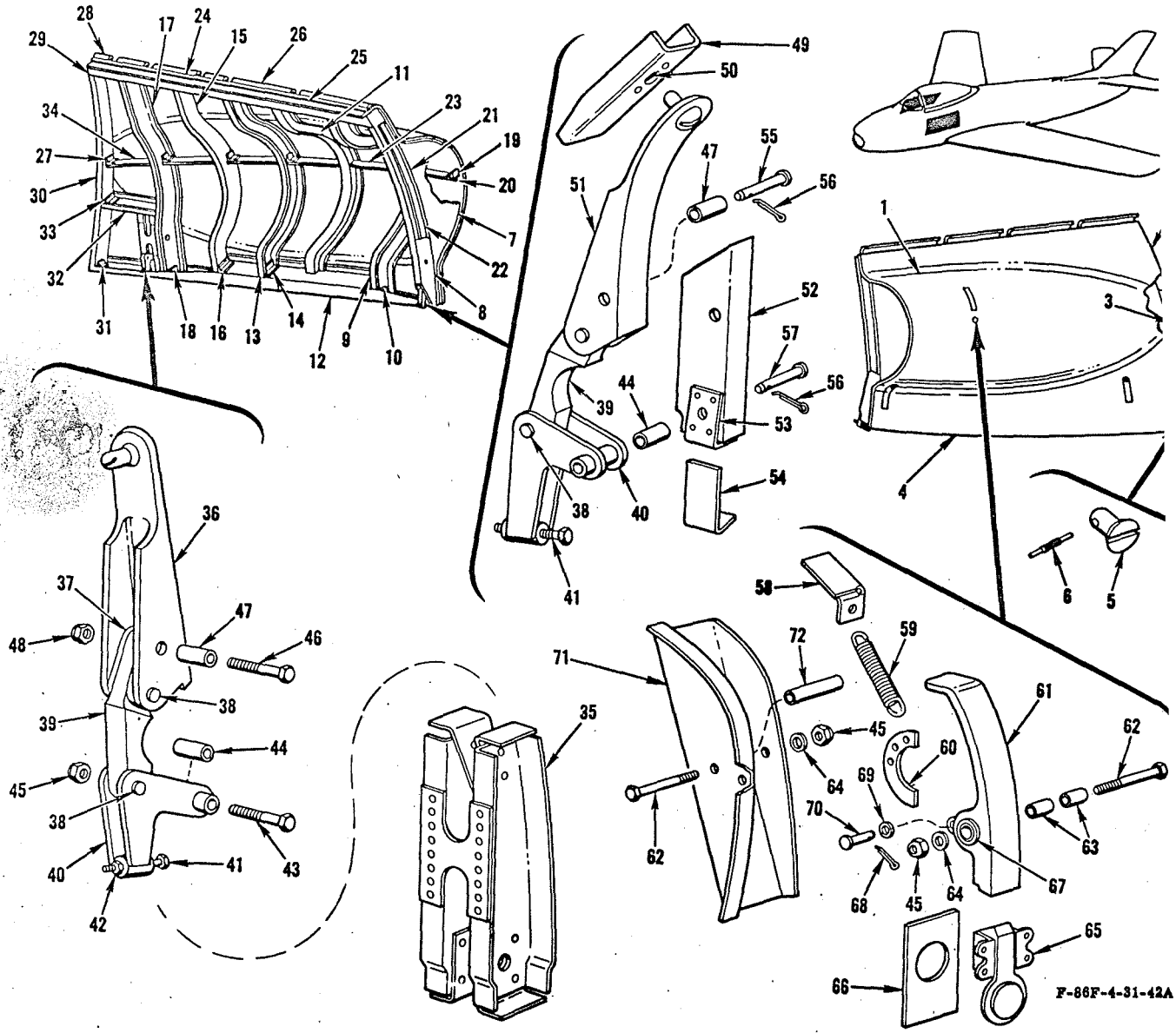

FIGURE 148 - BLISTER DOOR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	* 1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE CODE
148	54FEK407	*1	Structure Installation, Fuselage	NP	
	54FEJ415L		. Door Assy, Blister LH	1	
	54FEJ415R		. Door Assy, Blister RH	1	
-1	54FEF417L		. . Blister, Fairing LH	1	
	54FEF417R		. . Blister, Fairing RH	1	
-2	54FEF416-1L		. . Skin, Fairing LH	1	
	54FEF416-1R		. . Skin, Fairing RH	1	
-3	54FEA438		. . Shim, Fairing	2	
-4	54FEF416-2L		. . Skin, Fairing LH	1	
	54FEF416-2R		. . Skin, Fairing RH	1	
-5	99834-3-290		. . Stud, Airlock	1	
-6	99836		. . Pin, Airlock	1	
-7	54FEC420L		. . Frame, Blister, Forward LH	1	
	54FEC420R		. . Frame, Blister, Forward RH	1	
-8	55FEC859L		. . Reinforcement, Fwd Lock LH	1	
	55FEC859R		. . Reinforcement, Fwd lock RH	1	
-9	54FEC422L		. . Stiffener, Vertical, Sta 91 3/4 LH	1	
	54FEC422R		. . Stiffener, Vertical, Sta 91 3/4 RH	1	
-10	54FEC422-2L		. . . Clip, LH	1	
	54FEC422-2R		. . . Clip, RH	1	
-11	54FEC423L		. . Stiffener, Vertical, Sta 100 LH	1	
	54FEC423R		. . Stiffener, Vertical, Sta 100 RH	1	
-12	54FEC419L		. . Frame, Lower LH	1	

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
	54FEC419R		.	.					Frame, Lower RH	1	
-13	54FEC424L		.	.					Stiffener, Vertical, Sta 107 1/4 LH	1	
	54FEC424R		.	.					Stiffener, Vertical, Sta 107 1/4 RH	1	
-14	54FEC424-2L		.	.	.				Clip, LH	1	
	54FEC424-2R		.	.	.				Clip, RH	1	
-15	54FEC425L		.	.					Stiffener, Vertical, Sta 112 1/2	1	
	54FEC425R		.	.					Stiffener, Vertical, Sta 112 1/2	1	
-16	54FEA445		.	.					Clip, Lower, Frame	4	
-17	54FEC426L		.	.					Stiffener, Vertical, Sta 118 3/4 LH	1	
	54FEC426R		.	.					Stiffener, Vertical, Sta 118 3/4 RH	1	
-18	54FEC426-2L		.	.	.				Clip, LH	1	
	54FEC426-2R		.	.	.				Clip, RH	1	
-19	54FEA446L		.	.					Clip, Stiffener LH	5	
	54FEA446R		.	.					Clip, Stiffener RH	5	
-20	54FEB428L		.	.					Stiffener Horizontal, Fwd LH	1	
	54FEB428R		.	.					Stiffener Horizontal, Fwd RH	1	
-21	54FEA442		.	.					Seal, Fairing, Fwd	2	
-22	54FEB444		.	.					Retainer, Seal, Fwd	2	
-23	54FEB427L		.	.					Stiffener, Horizontal, Center LH	1	
	54FEB427R		.	.					Stiffener, Horizontal, Center RH	1	
-24	54FEA1904		.	.					Seal, Fairing, Upper	2	
-25	54FEB443		.	.					Retainer, Seal, Upper	2	
-26	151-31006-16		.	.					Hinge, Gun Bay Access Door RH	1	
	151-31006-15		.	.					Hinge, Gun Bay Access Door LH	1	
-27	54FEA446L&R		.	.	.	.			See -19 Above		
-28	151-31006-22		.	.					Hinge, Gun Bay Access Door RH	1	
	151-31006-21		.	.					Hinge, Gun Bay Access Door LH	1	
-29	54FEC418L		.	.					Frame, Upper LH	1	
	54FEC418R		.	.					Frame, Upper RH	1	
-30	54FEC421L		.	.					Frame, Blister, Aft LH	1	
	54FEC421R		.	.					Frame, Blister, Aft RH	1	
-31	54FEC421-2L		.	.	.				Clip, LH	1	
	54FEC421-2R		.	.	.				Clip, RH	1	
-32	54FEB433L		.	.					Stiffener, Lower Catch	1	
	54FEB433R		.	.					Stiffener, Lower Catch	1	
-33	54FEB433-2L		.	.	.				Clip, LH	1	
	54FEB433-2R		.	.	.				Clip, RH	1	
-34	54FEB429L		.	.					Stiffener, Horizontal, Aft LH	1	
	54FEB429R		.	.					Stiffener, Horizontal, Aft RH	1	
-35	140-31020		.	.					Support Assy, Gun Bay Door Latch	2	
-36	140-31021-1		.	.					Handle Assy, Gun Bay Door Latch Fwd LH	1	
	140-31021-2		.	.					Handle Assy, Gun Bay Door Latch Fwd RH	1	
-37	170-31024		.	.	.				Link, Fus Gun Bay Door Latch Auxiliary	1	
-38	170-31023		.	.	.				Pin, Fus Gun Bay Door Latch Auxiliary	1	
-39	170-31022		.	.	.				Link, Fus Gun Bay Door Latch Auxiliary	1	
-40	140-31023		.	.	.				Latch Assy, Gun Bay Door	1	
-41	5B2-11		.	.	.				Bolt, Adjustment 5/32 (North American)	2	
-42	AN316-4R		.	.	.				Nut	2	
-43	AN4-14A		.	.	.				Bolt	1	
-44	4S4-8-26		.	.	.				Spacer, Rivet (North American)	2	
-45	AN365-428		.	.	.				Nut	3	
-46	AN3-14A		.	.	.				Bolt	1	
-47	4S4-6-30		.	.	.				Spacer, Rivet (North American)	2	
-48	AN365-1032		.	.	.				Nut	1	
-49	54FEB431		.	.					Bracket Latch	1	
-50	S5-225		.	.					Spring, Cowl Fastener (Dzus)	1	
-51	54FEB434		.	.					Handle Modification, Latch	1	
-52	54FEB430L		.	.					Support, Lower Latch, Fwd LH	1	
	54FEB430R		.	.					Support, Lower Latch, Fwd RH	1	
-53	54FEB430-2L		.	.	.				Clip, LH	1	
	54FEB430-2R		.	.	.				Clip, RH	1	
-54	55FEA952		.	.					Clip, Frame, Blister	1	
-55	AN393-37		.	.					Pin	1	
-56	AN381-2-10		.	.					Pin	2	
-57	AN394-37		.	.					Pin	1	
-58	54FEA439L		.	.					Clip, Latch, Cockpit Access Handle LH	1	
	54FEA439R		.	.					Clip, Latch, Cockpit Access Handle RH	1	
-59	151-31703		.	.					Spring, Cockpit Access Handle	1	
-60	151-31006-71		.	.					Clip, Gun Bay Access Door	1	
-61	54FEC435L		.	.					Handle, Cockpit Access LH	1	
	54FEC435R		.	.					Handle, Cockpit Access RH	1	
-62	AN4-17A		.	.					Bolt	2	
-63	54FEA437		.	.					Spacer, Latch	2	
-64	AN960-416		.	.					Washer	2	
-65	KM610-64		.	.					Push Button, Latch, Camloc	1	
-66	54FEA440		.	.					Shim, Latch	1	
-67	NAS75-4-027		.	.					Bushing, Plain Press-fit Steel	1	
-68	AN381-2-5		.	.					Pin	1	
-69	AN960-4		.	.					Washer	1	
-70	AN392-15		.	.					Pin	1	
-71	54FEC432L		.	.					Support, Cockpit Access Handle LH	1	
	54FEC432R		.	.					Support, Cockpit Access Handle RH	1	
-72	54FEA436		.	.					Spacer, Latch, Long	1	

*1 Used on RF-86F-30 airplanes only

FUSELAGE (Cont)

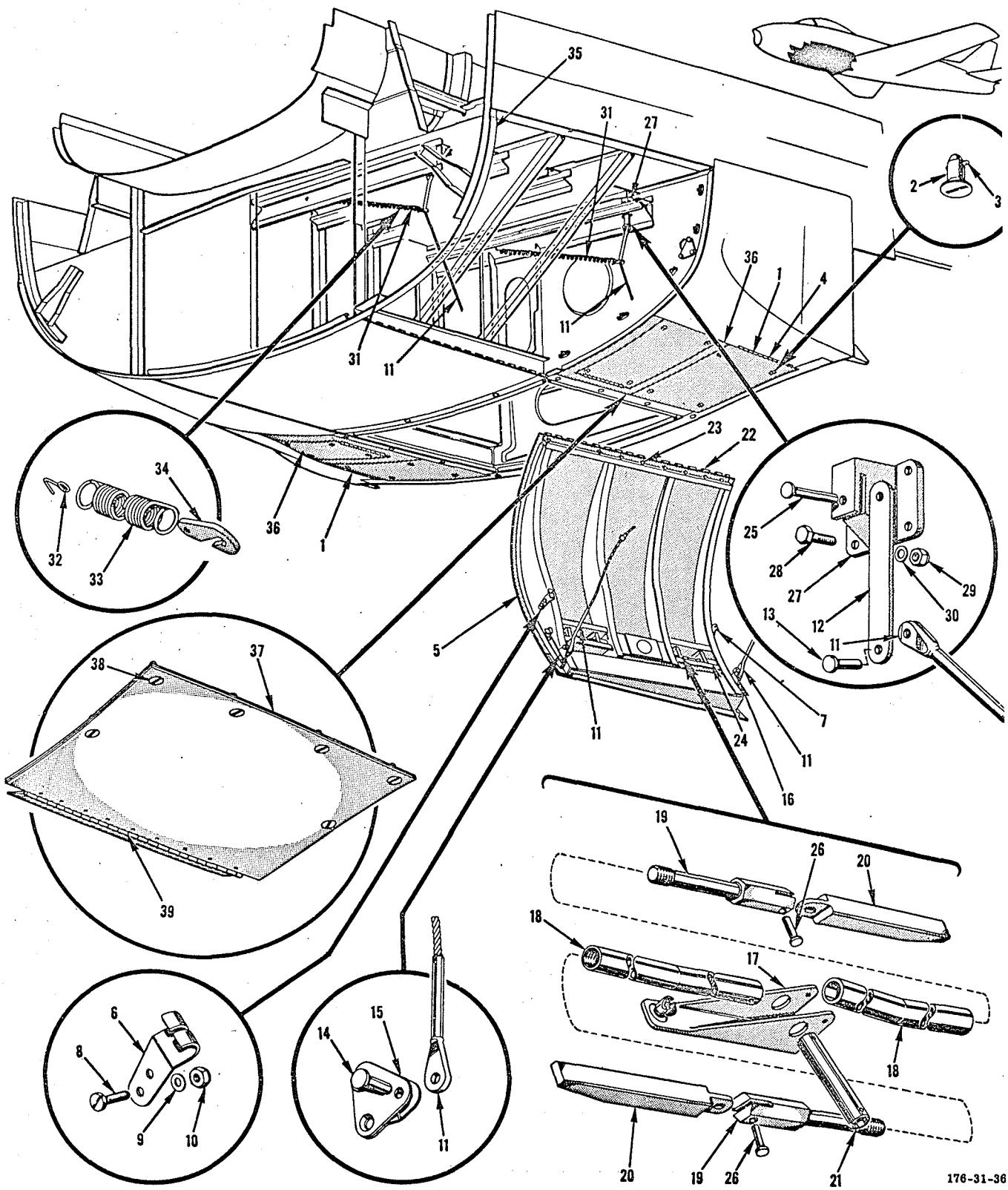

FIGURE 149 - LOWER SECTION FUSELAGE ASSEMBLY STATION 84.5 TO STATION 126.437

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
149	No Number	LOWER SECTION FUSELAGE ASSY STATION 84.5 TO STATION 126.437 (see figure 144 for next assembly)	NP	
-1	151-31016	. DOOR ASSY, Ammunition access fus sta 118.5 to 125.750 LH	1	A
	151-31018	. DOOR ASSY, Ammunition access fus sta 118.5 to 125.750 RH	1	A
-2	99834-2.160	. . STUD, Fastener (United-Carr)	4	A
-3	99836	. . PIN, Fastener (United-Carr)	4	A
-4	151-31744	. . HINGE ASSY, Ammunition access door	1	A
-5	151-31007-101	. DOOR ASSY, Ammunition box access LH (whn exh use 151-31007-401)	1	D
	151-31007-102	. DOOR ASSY, Ammunition box access RH (whn exh use 151-31007-402)	1	D
	151-31007-401	. DOOR ASSY, Ammunition box access LH (use 151-31007-101 until exh)	1	D
	151-31007-402	. DOOR ASSY, Ammunition box access RH (use 151-31007-102 until exh)	1	D
	191-31027-1	. DOOR ASSY, Fus sta 84.5 to 109 ammo box access fairing	1	E
	191-31027-2	. DOOR ASSY, Fus sta 84.5 to 109 ammo box access fairing RH	1	E
	151-31007-351	. . SUB ASSY, Ammunition box access door	1	E,D
	151-31007-352	. . SUB ASSY, Ammunition box access door	1	E,D
	140-61092	. . . BAG ASSY, Fixed .50 cal guns charger stowage	1	E,D
-6	140-31044-5	. . HOOK, Ammunition access door lock cable forward	1	
-7	140-31043	. . HOOK, Ammunition access door lock cable aft	1	
-8	NAS221-9	. . SCREW, Brazier head Phillips recess alloy steel 10-32	2	
-9	AN960-10	. . WASHER	2	
-10	AN365-1032	. . NUT	2	
-11	140-31042	. . CABLE ASSY, Ammunition access door lock	2	
-12	140-31045-3	. . PLATE, Ammunition access door lock aft	2	
	140-31045-4	. . PLATE, Ammunition access door lock forward	2	
-13	AN393-13	. . PIN	2	
-14	AN393-11	. . PIN	2	
-15	140-31041-1	. . BRACKET ASSY, Ammunition access door lock cable fwd	2	
-16	140-31041-2	. . BRACKET ASSY, Ammunition access door lock cable aft	2	
-17	140-31040	. . HANDLE ASSY, Ammunition access door (used on -101 & -102 assy's only)	1	
	140-31040-10	. . HANDLE ASSY, Ammunition access door (used on -401 & -402 assy's only)	1	
-18	140-31039	. . TUBE, Ammunition access door lock	2	
-19	140-31038	. . SCREW, Ammunition access door lock	2	
-20	151-31609-3	. . PIN, Ammunition access door lock	2	
-21	140-31046	. . SHAFT, Ammunition access door handle	1	
-22	151-31709-1	. . HINGE ASSY, Ammunition box access door LH	1	
	151-31709-2	. . HINGE ASSY, Ammunition box access door RH	1	
-23	NAS221-10	. . SCREW, Brazier head Phillips recess alloy steel 10-32	9	
	AN365-1032	. . NUT	9	
-24	151-31610	. . SUPPORT, Ammunition access door lock	2	
-25	AN393-17	. PIN	2	
-26	AN393-1	. PIN	2	
-27	140-31033	. BRACKET, Ammunition access door cable support	2	
-28	AN3-5A	. BOLT	8	
-29	AN365-1032	. NUT	8	
-30	AN960-10L	. WASHER	8	
-31	140-31029	. SPRING ASSY, Ammunition access door cable	2	
-32	140-31030	. . HOOK, Ammunition access door cable spring	1	
-33	140-31049	. . SPRING, Ammunition access door cable	1	
-34	140-31050	. . HOOK, Ammunition access door cable	1	
-35	151-31747-1	. PAD, Fuselage station 84.5 gun bay access door latch LH	1	F
	151-31747-2	. PAD, Fuselage station 84.5 gun bay access door latch RH	1	F
-36	151-31027	. DOOR ASSY, Fuselage sta 109 to 118.5 ammo access LH	1	A
	151-31744	. . HINGE ASSY, Ammunition access door	1	A
	151-31028	. DOOR ASSY, Fuselage sta 109 to 118.5 ammo access RH	1	A
	151-31744	. . HINGE ASSY, Ammunition access door	1	A
-37	191-31016-1	. DOOR ASSY, Ammo access fus sta 109 to 125.750 LH	1	D
	191-31016-2	. DOOR ASSY, Ammo access fus sta 109 to 125.750 RH	1	D
	191-31029-1	. DOOR ASSY, Fus sta 109 to 126 27/32 fillet and ejection ammunition LH	1	E
	191-31029-2	. DOOR ASSY, Fus sta 109 to 126 27/32 fillet and ejection ammunition RH	1	E
	191-31016-21	. . DOOR ASSY, Ammo access fus sta 109 to 125.750 LH	1	E
	191-31016-22	. . DOOR ASSY, Ammo access fus sta 109 to 125.750 RH	1	E
-38	98265-2-.220	. . STUD, Fastener (United-Carr)	1	C
	98265-2-.180	. . STUD, Fastener (United-Carr)	2	C
	98265-2-.160	. . STUD, Fastener (United-Carr)	3	C
	99836	. . PIN, Fastener (United-Carr)	6	C
-39	191-31711-1	. . HINGE, Fuselage sta 109 to 125.750 ammo access door LH	1	B
	191-31711-2	. . HINGE, Fuselage sta 109 to 125.750 ammo access door RH	1	B

USEABLE ON CODE:

A 51-2850 thru 51-13169
B 51-13170 and subs
C 51-13170 thru 51-13340, 52-4305 thru 52-4504
D 51-2850 thru 51-13340
E 51-13341 and subs
F 51-2850 thru 53-1228

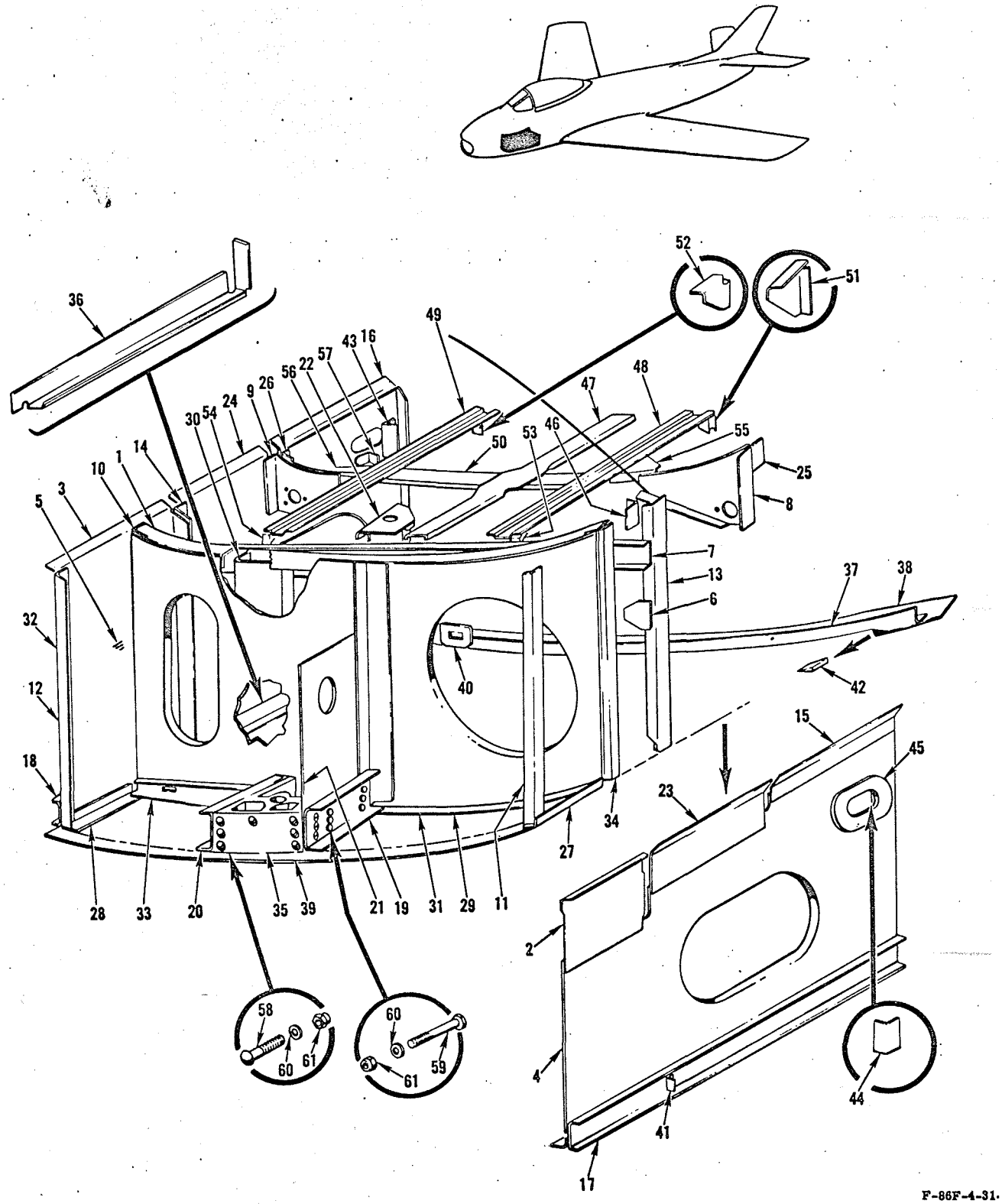

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FIGURE 150 - LOWER CENTER STRUCTURE ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
150	54FEK407	*1	Structure Installation, Fuselage	NP	
	54FEJ497		. Structure Assembly, Lower Center	1	
-1	54FEC320		. . Angle, Center, Lower Duct, F.S. 90.25	1	
-2	54FEC321L		. . Web, Fus B.L. 12.5, fus sta 84.5 to 92.95 LH	1	
-3	54FEC321R		. . Web, Fus B.L. 12.5, fus sta 84.5 to 92.95 RH	1	
-4	54FEC322L		. . Web, Fus B.L. 12.5 fus sta 84.5 to 109 LH	1	
-5	54FEC322R		. . Web, Fus B.L. 12.5 fus sta 84.5 to 109 LH	1	
-6	54FEB323		. . Plate, Support, Vacuum Relief Valve	1	
-7	54FEB324		. . Channel, Lower fus sta 92.95	1	
-8	54FEB325L		. . Bracket, Holder, Thermoswitch LH	1	
-9	54FEB325R		. . Bracket, Holder, Thermoswitch RH	1	
-10	54FEB326		. . Angle, R.H., F.B.K. 12.5, fus sta 90.25	1	
-11	54FEB327L		. . Angle, F.B.L. 12.5, fus sta 84.5 LH	1	
-12	54FEB327R		. . Angle, F.B.L. 12.5, fus sta 84.5 RH	1	
-13	54FEB328		. . Angle, LH, F.B.L. 12.5, fus sta 92.95	1	
-14	54FEB329		. . Angle, RH, F.B.L. 12.5, fus sta 92.95	1	
-15	54FEB330L		. . Angle, BL 12.5, fus sta 100.39 to 109 LH	1	
-16	54FEB330R		. . Angle, BL 12.5, fus sta 100.39 to 109 RH	1	
-17	54FEC331L		. . Channel, BL 12.5, fus sta 84.5 to 109 LH	1	
-18	54FEC331R		. . Channel, BL 12.5, fus sta 84.5 to 109 RH	1	
-19	54FEB332		. . Channel, Support, Center, Jack Pad	1	
-20	54FEB333		. . Channel, Support R.H., Jack Pad	1	
-21	54FEB334		. . Web, Center, fus sta 84.5 to 90.25	1	
-22	54FEB335		. . Bracket, Support, Duct	1	
-23	54FEB336L		. . Angle, BL 12.5, fus sta 92.95 to 100.39 LH	1	
-24	54FEB336R		. . Angle, BL 12.5, fus sta 92.95 to 100.39 RH	1	
-25	54FEA337L		. . Clip, BL 12.5, fus sta 100.39 LH	1	
-26	54FEA337R		. . Clip, BL 12.5, fus sta 100.39 RH	1	
-27	54FEA339L		. . Angle, BL 12.5, fus sta 84.5 to 90.25 LH	1	
-28	54FEA339R		. . Angle, BL 12.5, fus sta 84.5 to 90.25 RH	1	
	54FED498		. . Bulkhead, Lower fus sta 90.25	1	
-29	54FED498-1		. . . Sheet	1	
-30	54FED498-2		. . . Channel	1	
-31	54FED498-3		. . . Angle	1	
-32	54FED498-4		. . . Angle	1	
-33	54FED498-5		. . . Strip	1	
-34	54FEB499		. . Angle, LH, BL 12.5, fus sta 90.25	1	
-35	54FEB500		. . Fitting Modification, Fus Jack Pad	1	
-36	54FEB501		. . Angle, BL 12.5, fus sta 90.25 to 109 RH	1	
-37	54FEB502		. . Frame, Bottom fus sta 109	1	
-38	54FEB503		. . Skin, Bottom fus sta 109 to 113.687	1	
-39	54FEB504		. . Skin, Fus Jack Pad	1	
-40	54FEA505		. . Patch, Lock Pin	2	
-41	54FEA506L		. . Clip, BL 12.5, fus sta 92.95 LH	1	
	54FEA506R		. . Clip, BL 12.5, fus sta 92.95 RH	1	
-42	54FEA507		. Spacer, BL 12.5, Fus Sta 109	2	
-43	54FEA1758-1		. Clip, Cable, Manual Release	1	
-44	54FEA1758-2		. Clip, Cable, Manual Release	1	
-45	54FEA1761		. Plate Reinforcement, Web	2	
-46	54FEA1763		. Clip, Cable	1	
-47	55FEB1580		. Duct Channel, Center, Lower	1	
-48	55FEB1581L		. Reinforcement Duct, Lower LH	1	
-49	55FEB1581R		. Reinforcement Duct, Lower RH	1	
-50	55FEB1582		. Duct Channel, Sta 100.39, Lower	1	
-51	55FEB1583L		. Gusset, Aft Duct, Lower LH	1	
-52	55FEB1583R		. Gusset, Aft Duct, Lower RH	1	
-53	55FEB1584L		. Gusset, Fwd, Duct Lower LH	1	
-54	55FEB1584R		. Gusset, Fwd, Duct Lower RH	1	
-55	55FEA1585L		. Clip, Duct, Lower LH	1	
-56	55FEA1585R		. Clip, Duct, Lower RH	1	
-57	AN743-13		. Clip	2	
-58	NAS221-12		. Screw	13	
-59	AN3-5A		. Bolt	12	
-60	AN960-10		. Washer	25	
-61	AN365-1032		. Nut	25	

*1 Used on RF-86F-30 airplanes only

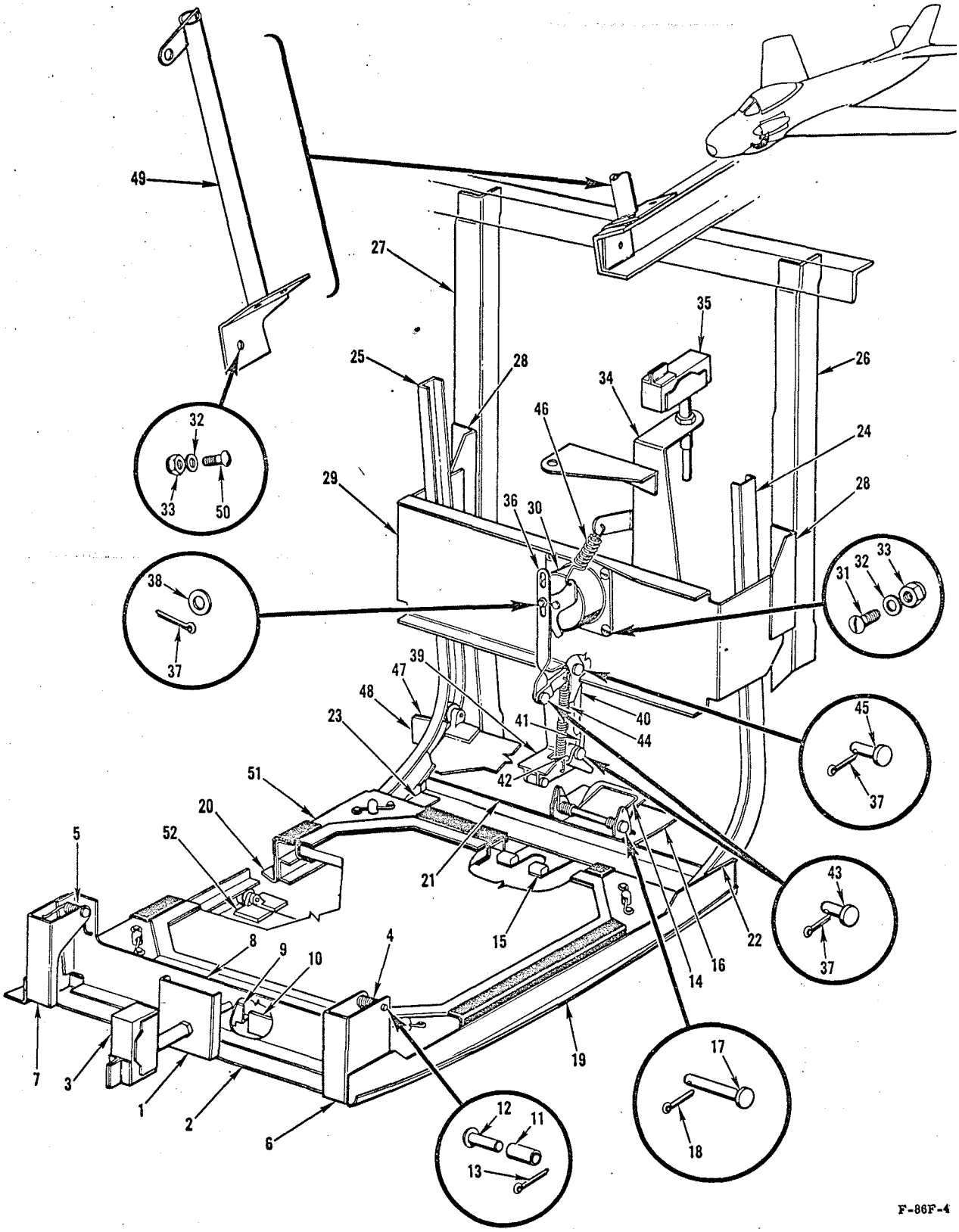

FIGURE 151 - K22 LEFT HAND WINDOW AND DOOR MECHANISM

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
151	54FEJ1512	*1	Window Installation, Camera, K22	NP	
-1	54FEA676L		. Lug, Limit Switch, Door, K22	1	
-2	54FEB667		. Sill, Sealing Hinge, Window, K22	1	
-3	AN3167-1		. Actuator, Limit Switch, Class B	1	
	DT2R-A7		. . Switch, Sensitive, Micro-switch	1	
-4	54FEB666L		. Spring, Hinge, K22	1	
-5	54FEB666R		. Spring, Hinge, K22	1	
-6	54FEB790L		. Bracket, Sealing Hinge, Window, K22	1	
-7	54FEB790R		. Bracket, Sealing Hinge, Window, K22	1	
	54FEC654		. Sealing Hinge, Support, Window	1	
-8	54FEC789		. . Plate, Sealing Hinge, Window, K22	1	
-9	54FEA668		. . Lug, Hinge, K22	1	
-10	54FEA1523		. . Seal, Forward, Support, Window, K22	2	
-11	55FEA791		. Spacer, Sealing Hinge, Window, K22	2	
-12	AN393-27		. Pin	2	
-13	AN381-2-7		. Pin	2	
	55FEC540		. Catch Assembly, Door, K22	1	
-14	55FEB541		. . Spring, Catch	1	
-15	55FEB542		. . Latch, Door	1	
-16	55FEB543		. . Bracket, Catch	1	
-17	AN394-67		. . Pin	1	
-18	AN381-2-12		. . Pin	1	
-19	54FEB655L		. Support, Track & Window, Outboard, K22	1	
-20	54FEB665L		. Support, Track & Window, Inboard, K22	1	
-21	54FEA673		. Reinforcement, Skin, Window, K22	1	
-22	54FEA674L		. Clip, Support, Track, Rear, K22	1	
-23	54FEA674R		. Clip, Support, Track, Rear, K22	1	
-24	54FED642L		. Track, Door	1	
-25	54FED642R		. Track, Door	1	
-26	54FEB663L		. Stiffener, Outboard, Bulkhead, Sta 109	1	
-27	54FEB664L		. Stiffener, Inboard, Bulkhead, Sta 109, K22	1	
-28	54FEA683L		. Clip, Track Support, K22	2	
-29	54FEC646		. Stiffener, Inboard, Bulkhead, Sta 109, K22	1	
-30	C8001-1		. Solenoid, Rotary, (Leland, G.H.)	1	
-31	AN515-8-12		. Screw	4	
-32	AN960-8		. Washer	7	
-33	AN365-832		. NUT	7	
-34	54FEC1760		. Bracket, Limit Switch, Door K22	1	
-35	AN3210-1		. Switch, Low Travel, Limit	1	
	AN3167-1		. Actuator, Limit Switch, Class B	1	
-36	54FEA1759		. Link, Window, K22	1	
-37	AN380-2-1		. PIN	5	
-38	AN960-6L		. Washer	1	
-39	54FEC649		. Bearing Support, Lever & Rocker, Window	1	
-40	54FEB658		. Lever, Window	1	
-41	54FEB659		. Rocker, Window	1	
-42	54FEA669		. Roller, Rocker, Window	1	
-43	AN392-11		. Pin	2	
-44	54FEA681		. Spring, Link, Window	1	
-45	AN392-17		. Pin	2	
-46	54FEA680		. Spring, Solenoid, Window, K22	1	
-47	54FEA1974L		. Clip, Channel	1	
-48	54FEA1975		. Shim, Clip	1	
-49	54FEC1526		. Support, LH, Bungee Cord, Door K22	1	
-50	AN515-8-10		. Screw	3	
-51	54FED641		. Support, Window, K22 (see fig. 154 for breakdown)	1	
-52	No Number		K22 Door Assy, (see fig. 153)	Ref	

*1 Used on RF-86F-30 airplanes only.

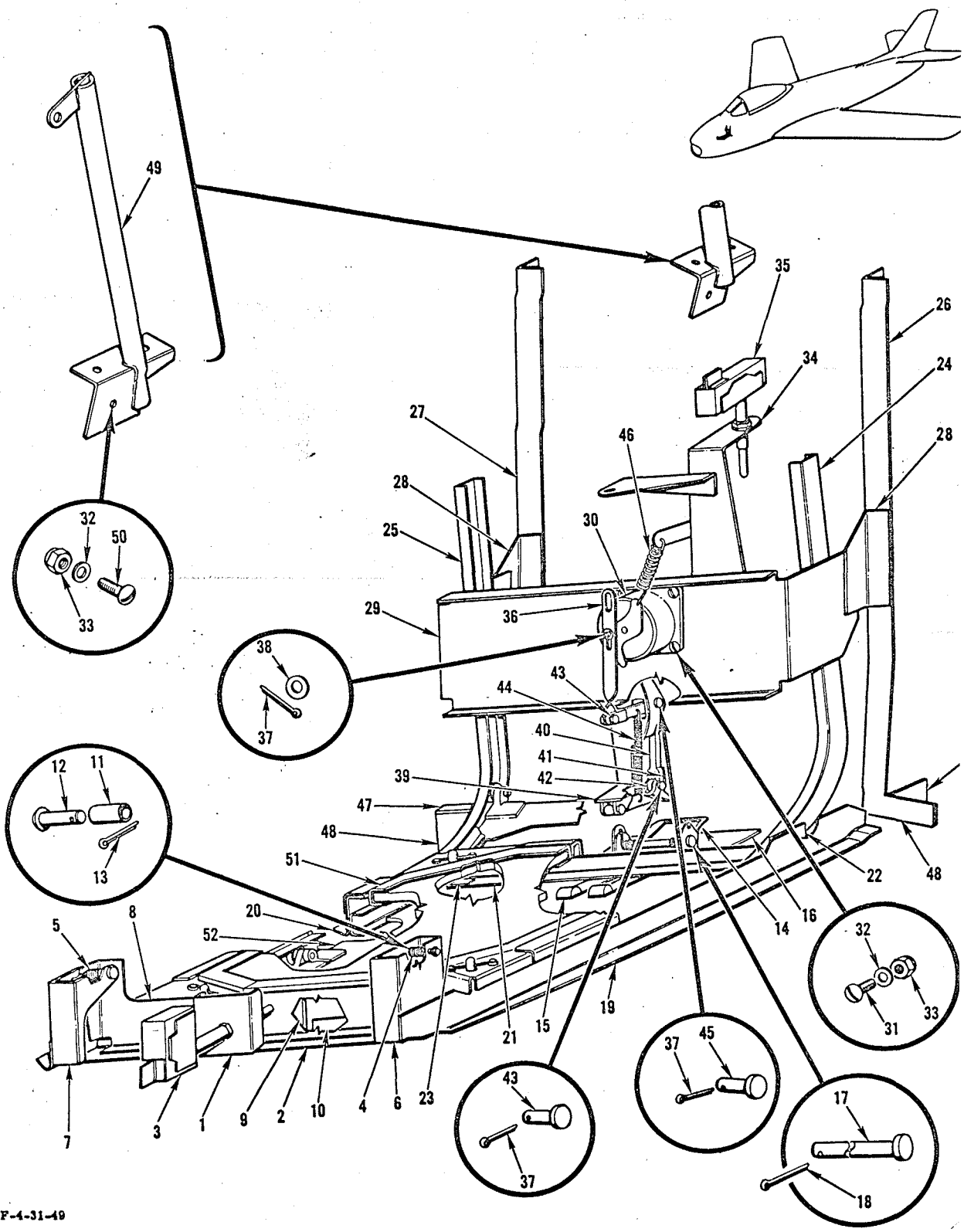

FIGURE 152 - K22 RIGHT HAND WINDOW AND DOOR MECHANISM

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
152	54FEJ512	*1	Window Installation, Camera, K22	NP	
-1	54FEA676L		. Lug, Limit Switch, Door, K22	1	
-2	54FEB667		. Sill, Sealing Hinge, Window, K22	1	
-3	AN3167-1		. Actuator, Limit Switch, Class B	1	
	DT2R-A7		. . Switch, Sensitive, (Micro-Switch)	1	
-4	54FEB666L		. Spring, Hinge, K22 LH	1	
-5	54FEB666R		. Spring, Hinge, K22 RH	1	
-6	54FEB790L		. Bracket, Sealing Hinge, Window, K22 LH	1	
-7	54FEB790R		. Bracket, Sealing Hinge, Window, K22 RH	1	
	54FEC654		. Sealing Hinge, Support, Window	1	
-8	54FEC789		. . Plate, Sealing Hinge, Window, K22	1	
-9	54FEA668		. . Lug, Hinge, K22	1	
-10	54FEA1523		. . Seal, Forward, Support, Window, K22	2	
-11	55FEA791		. Spacer, Sealing Hinge, Window, K22	2	
-12	AN393-27		. Pin	2	
-13	AN381-2-7		. Pin	2	
	55FEC540		. Catch Assy, Door, K22	1	
-14	55FEB541		. . Spring, Catch	2	
-15	55FEB542		. . Latch, Door	1	
-16	55FEB543		. . Bracket, Catch	1	
-17	AN394-67		. . Pin	1	
-18	AN381-2-12		. . Pin	1	
-19	54FEB655R		. Support, Track & Window, Outboard, K22 RH	1	
-20	54FEB665R		. Support, Track & Window, Inboard, K22 RH	1	
-21	54FEA673		. Reinforcement, Skin, Window	1	
-22	54FEA674L		. Clip, Support, Track, Rear, K22 LH	1	
-23	54FEA674R		. Clip, Support, Track, Rear, K22 RH	1	
-24	54FED642L		. Track Door LH	1	
-25	54FED642R		. Track, Door RH	1	
-26	54FEB663R		. Stiffener, Outboard, Bulkhead, Sta 109 RH	1	
-27	54FEB664R		. Stiffener, Inboard, Bulkhead, Sta 109, K22 RH	1	
-28	54FEA683R		. Clip, Track Support, K22 RH	2	
-29	54FEC646		. Stiffener, Inboard, Bulkhead, Sta 109 K22	1	
-30	C8001-1		. Solenoid, Rotary, (Leland, G.H.)	1	
-31	AN515-8-12		. Screw	4	
-32	AN960-8		. Washer	7	
-33	AN365-832		. Nut	7	
-34	54FEC1760		. Bracket, Limit Switch, Door K22	1	
-35	AN3210-1		. Switch, Low Travel, Limit	1	
	AN3167-1		. Actuator, Limit Switch, Class B	1	
-36	54FEA1759		. Link, Window, K22	1	
-37	AN380-2-1		. Pin	5	
-38	AN960-6L		. Washer	1	
-39	54FEC649		. Bearing Support, Lever & Rocket, Window	1	
-40	54FEB658		. Lever, Window	1	
-41	54FEB659		. Rocker, Window	1	
-42	54FEA669		. Roller, Rocker, Window	1	
-43	AN392-11		. Pin	2	
-44	54FEA681		. Spring, Link, Window	1	
-45	AN392-17		. Pin	2	
-46	54FEA680		. Spring, Solenoid, Window, K22	1	
-47	54FEA1974R		. Clip, Channel RH	1	
-48	54FEA1975		. Shim, Clip	1	
-49	54FEC1525		. Support, RH Bungee Cord, Door, K22	1	
-50	AN515-8-10		. Screw	3	
-51	54FED641		. Support, Window, K22 (see fig. 154 for Breakdown)	1	
-52	No Number		K22 Door Assy, (See Fig. 153.)	Ref	

*1 Used on RF-86F-30 airplanes only

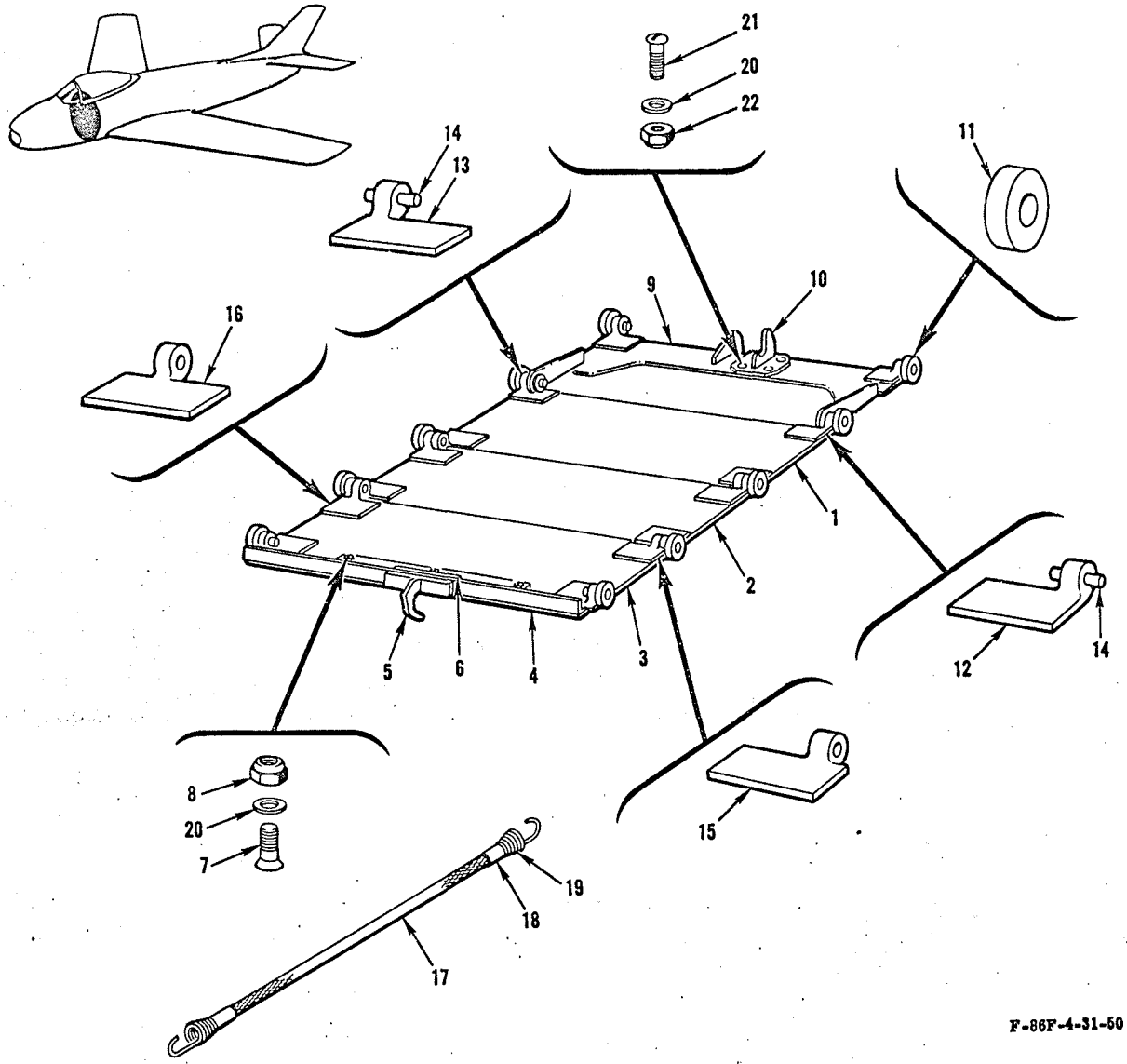

FIGURE 153 - K22 DOOR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEAB CC
153	54FEJ1512	*1	Window Installation, Camera, K22	NP	
-1	54FEC650		. Shield, Aft, Window, K22	2	
-2	54FEC651		. Shield, Center, Window, K22	2	
-3	54FEC652		. Shield, Forward, Window, K22	2	
-4	54FEC653		. Front Edge, Door, K22	2	
	54FEB719		. . Angle, Front Edge, Door, K22	2	
-5	54FEA1972		. . Hook, Front Edge, Door, K22	2	
-6	54FEC653-1		. . Washer, Sheet, Front Edge, Door, K22	2	
-7	AN509-8-6		. Bolt	6	
-8	AN364-832		. Nut	6	
-9	54FED643		. Rear Edge, Door, K22	2	
-10	54FEA682		. Jaw, Window, K22	2	
-11	54FEA677		. Roller, Shield, K22	20	
-12	54FEA678L		. Hinge, Male, Door, K22 LH	10	
-13	54FEA678R		. Hinge, Male, Door, K22 RH	10	
-14	54FEA678-1		. . Pin, Hinge, Male, Door, K22	20	
-15	54FEA679L		. Hinge, Female, Door, K22 LH	4	
-16	54FEA679R		. Hinge, Female, Door, K22 RH	4	
	54FEB1522		. Bungee Cord Assembly, Door K22	2	
-17	54FEB1522-1		. . Rubber Cord	1	
-18	55FEA1181		. . Sleeve, Bungee Cord, Sliding Door	2	
-19	54FEA1508		. . Fastener, Bungee Cord, Sliding Door	2	
-20	AN960-8L		. Washer	14	
-21	AN515-8-6		. Screw	8	
-22	AN365-832		. Nut	8	

*1 Used on RF-86F-30 airplanes only

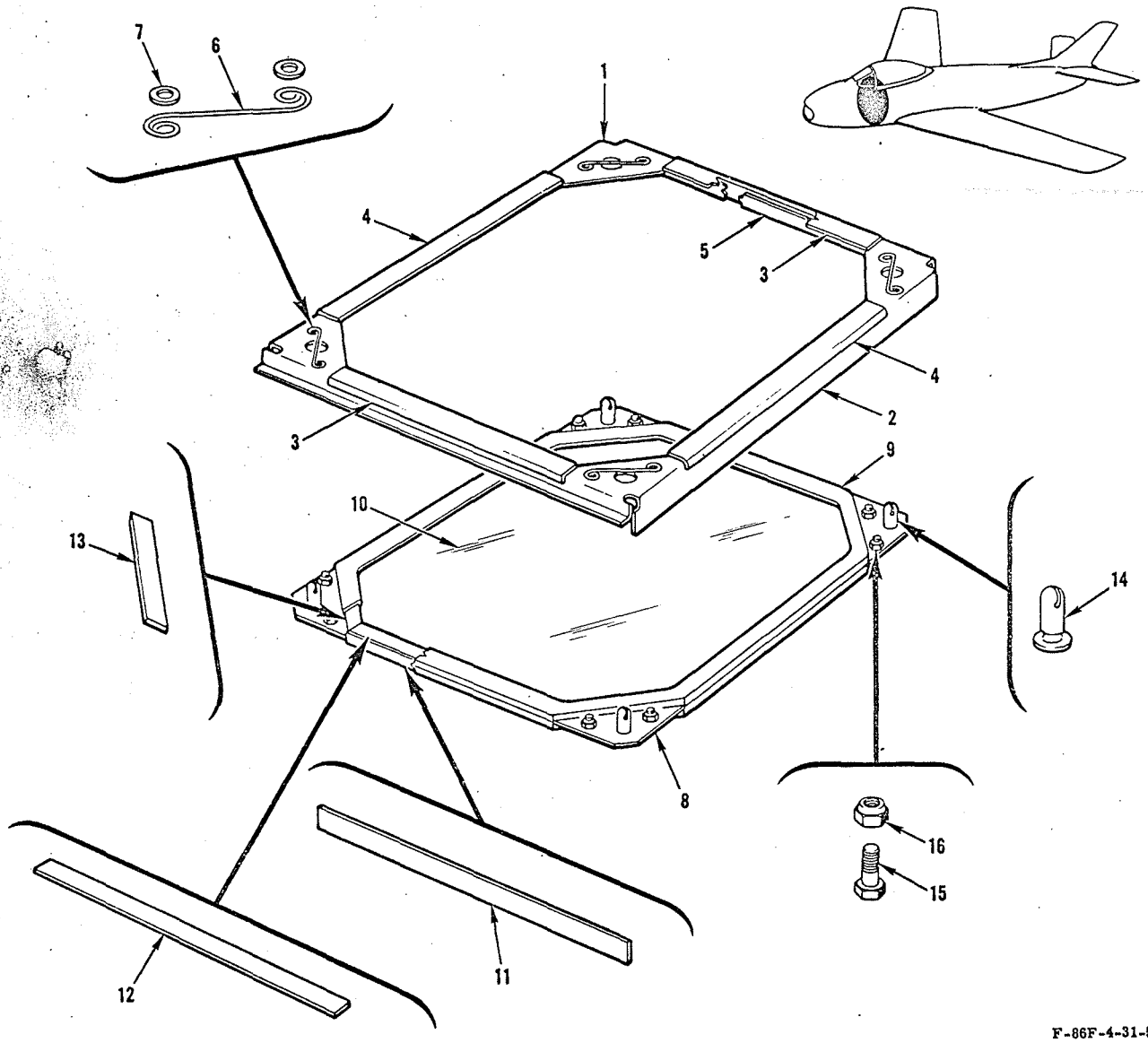

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FIGURE 154 - K22 WINDOW ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
154	54FEJ1512	*1	Window Installation, Camera, K22	NP	
-1	54FED641		. Support, Window, K22 (See Fig. 151 & 152)	Ref	
-2	54FED641-1		. . Plate, Support	1	
-3	54FED641-2		. . Seal, Support	2	
-4	54FED641-3		. . Seal, Support	2	
-5	54FEA1973		. Seal, Aft, Support, Window, K22	1	
-6	S6-275		. Spring, Cowl Fastener (Dzus)	4	
-7	AN960PD4		. Washer	8	
-8	54FEC648		. Window Assembly, K22	2	
-9	54FEC647		. . Frame, Window, K22	1	
-10	54FEB662		. . Glass, Window, K22	1	
-11	54FEA670		. . Window Seal, Edge, Window, K22	1	
-12	54FEA672		. . Window Seal, Long, Window, K22	8	
-13	54FEA671		. . Window Seal, Short, Window, K22	8	
-14	A6-40		. . Stud, Cowl Fastener (Dzus)	4	
-15	AN3-3		. . Bolt	8	
-16	AN365-1032		. . Nut	8	

*1 Used on RF-86F-30 airplanes only

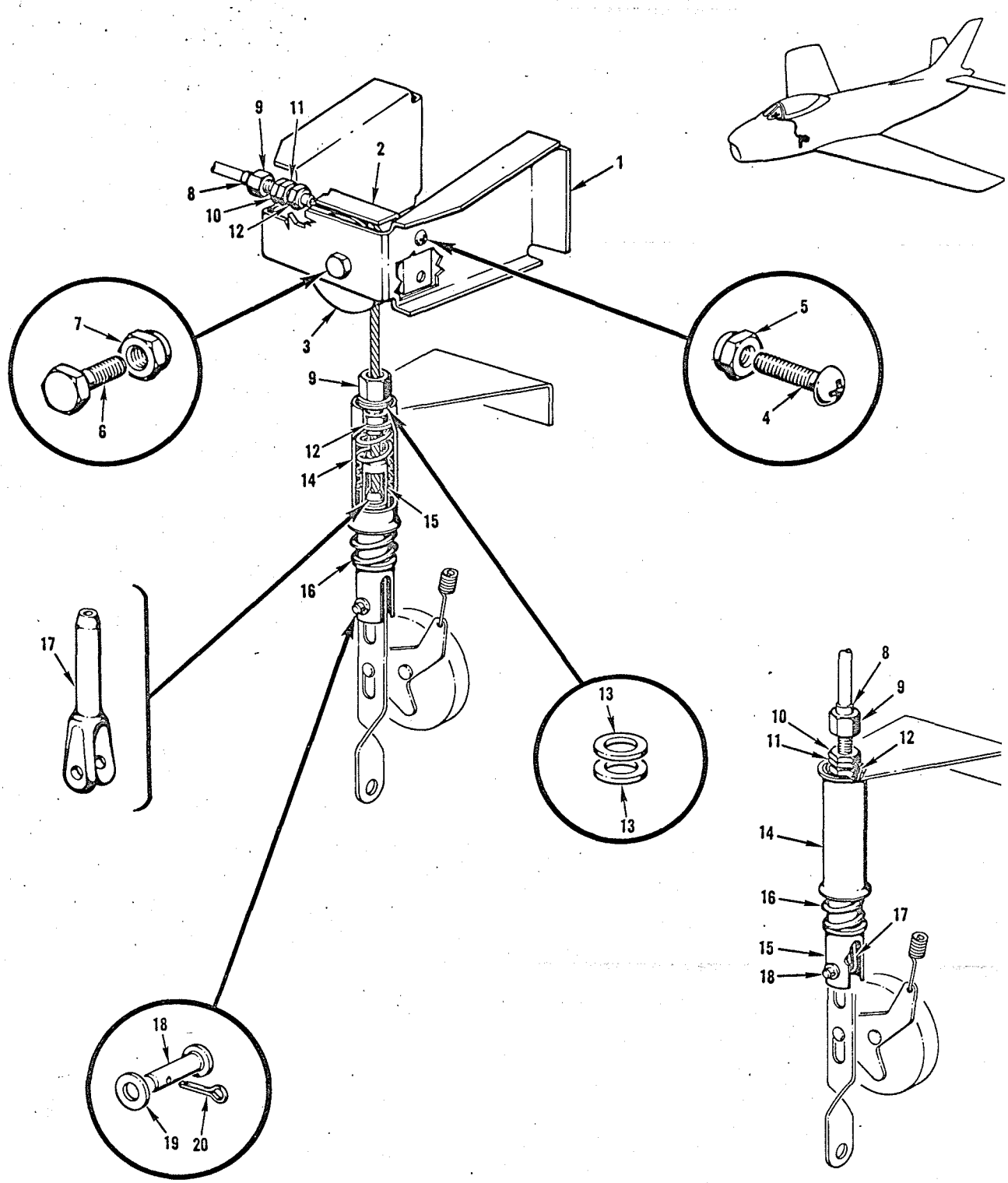


FIGURE 155 - K22 DOOR MANUAL RELEASE

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
155	54FEK1743	*1	Manual Release Installation	NP	
	54FEC1749		. Bracket Assy., Pulley, Manual Rel, Door	1	
-1	54FEC1750		. . Bracket, Pulley, Large	1	
-2	54FEB1751		. . Bracket, Pulley, Small	1	
-3	AN220-1		. . Pulley	1	
-4	AN520-10R6		. . Screw	4	
-5	AN364-1032		. . Nut	4	
-6	AN5-10A		. . Bolt	1	
-7	AN364-524		. . Nut	1	
-8	AN8004-1		. Cap, Flex. Push-Pull Control Casing	2	
-9	AN8005-1		. Stop, Flex. Push-Pull Control Casing	3	
-10	AN316-4R		. Nut	2	
-11	AN345-416		. Nut	2	
-12	AN364-428		. Nut	3	
-13	AN960-416		. Washer	2	
-14	55FEA248		. Retainer, Spring, Manual Release	2	
-15	55FEA249		. Guide, Spring, Manual Release	2	
-16	55FEA250		. Spring, Cable Reset	2	
-17	AN667-2		. Terminal	2	
-18	AN393-17		. Pin	2	
-19	AN960-10		. Washer	2	
-20	AN381-2-8		. Pin	2	

*1 Used on RF-86F-30 airplanes only

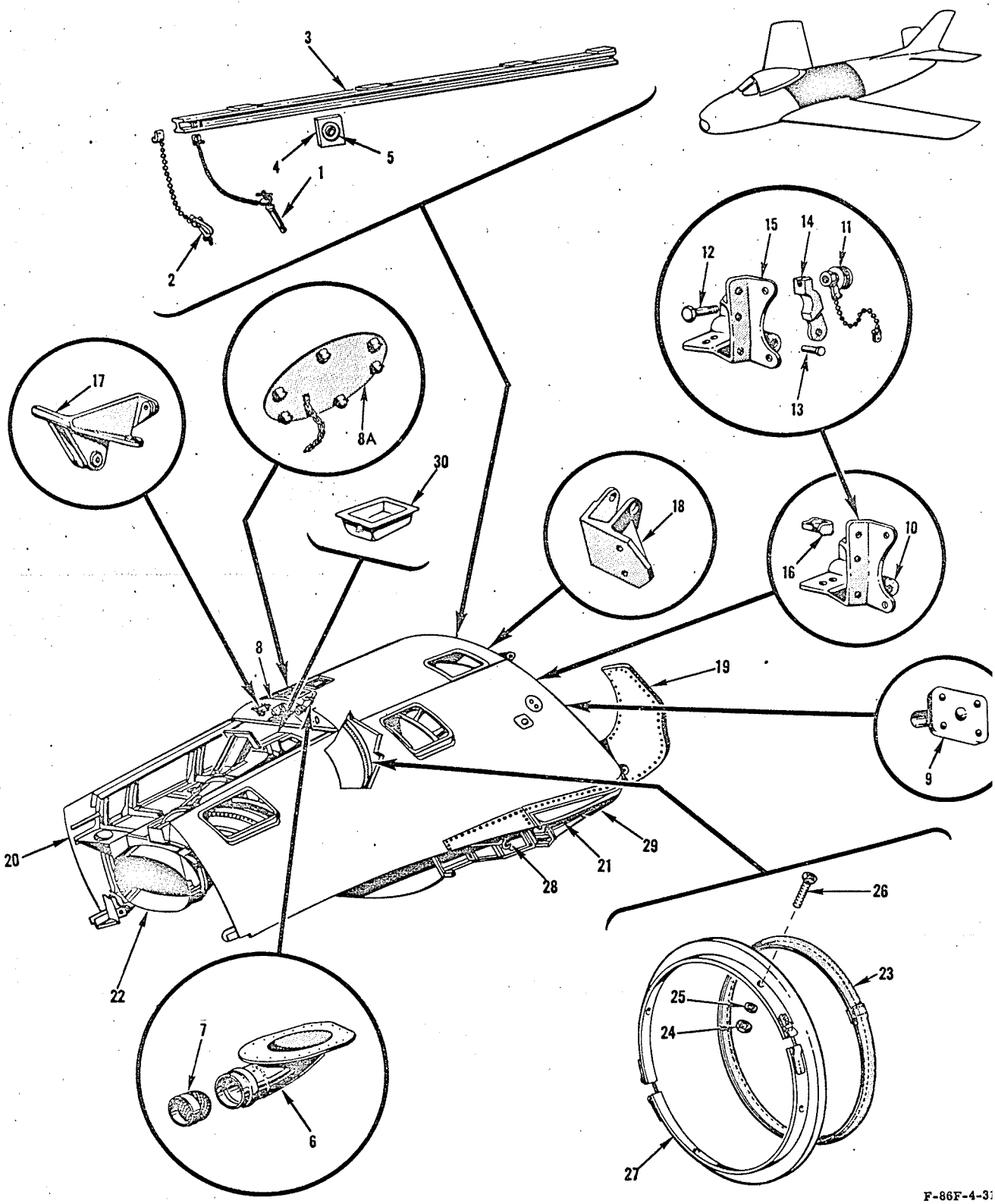


FIGURE 156 - STATION 131 TO 236.25 INTERMEDIATE SECTION FUSELAGE ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
156	170-31231	FUSELAGE ASSY, Fuselage station 131 to station 236.25 intermediate section (see fig. 112 for next assy)	Ref	
	151-31203	. FRAME ASSEMBLY, Fuselage station 178 to sta 235.94 top	1	
-1	161-31935	. . PIN ASSEMBLY, Engine mount steady support	1	
-2	140-31936	. . PIN ASSEMBLY, Engine mount steady support	1	
-3	151-31215-20	. . TRACK ASSEMBLY, Front engine mount trunnion	1	
-4	151-31515	. . BEARING ASSEMBLY, Engine trunnion front LH	1	
	4B19S8-015	. . . BUSHING, Press-fit plain (North American)	1	
	151-31539	. . BEARING ASSEMBLY, Engine trunnion front RH	1	
-5	4B19S8-015	. . . BUSHING, Press-fit plain (North American)	1	
-6	172-53362-20	. . DUCT ASSY, Heat and vent system primary exchanger cooling air overboard	1	*2
-7	172-53364	. . . SCREEN ASSEMBLY, Heat and vent system primary exchanger cooling air overboard	1	
-8	172-31796	. . BULKHEAD ASSEMBLY, Fuselage station 178 upper	1	
-8A	172-31223	. . DOOR ASSY, Fuselage station 199 engine access	1	
-9	152-31519-3	. PIN, Fuselage station 235.894 canted station	16	
-10	151-31907-5	. SUPPORT ASSY, Engine main trunnion fuselage attachment LH	1	
	151-31907-6	. SUPPORT ASSY, Engine main trunnion fuselage attachment RH	1	
-11	134-31918	. . NUT ASSEMBLY, Lower engine mount socket to upper socket assembly attaching	1	
-12	140-42047	. . BOLT, Engine main trunnion attachment support assembly	1	
-13	AN396-25	. . PIN	1	
-14	151-31909-5	. . HINGE, Engine main trunnion fus attachment fitting LH	1	*1
	151-31909-6	. . HINGE, Engine main trunnion fus attachment fitting RH	1	*1
-15	151-31908-7	. . FITTING, Engine main trunnion fuselage attachment LH	1	*1
	151-31908-8	. . FITTING, Engine main trunnion fuselage attachment RH	1	*1
-16	151-42058-10	. RETAINER ASSEMBLY, Engine main trunnion hinge bolt	2	
-17	170-52204	. BRACKET, Horizontal stab. control fuselage station 176.562 pulley	1	
	172-31209	. BULKHEAD ASSY, Forward fuselage station 235.894 canted	1	G
	172-31209-51	. BULKHEAD ASSY, Forward fuselage station 235.894 canted	1	H
-18	172-520161	. . PIVOT ASSY, Surface control manual emergency change-over disconnect forward	1	H
-19	151-31260	. . WEB ASSY, Fus sta 235.894 canted	1	
-20	151-31775	. FRAME ASSY, Fuselage station 131 to station 235.894 LH side (see figure 158 for breakdown)	1	
	170-31776	. FRAME ASSY, Fuselage station 131 to station 235.894 RH side (see figure 158 for breakdown)	1	
	151-31061-1	. FILLET INSTALLATION, Fuselage to wing trailing edge LH	NP	
	151-31061-2	. FILLET INSTALLATION, Fuselage to wing trailing edge RH	NP	
-21	151-31060-1	. . FILLET ASSEMBLY, Wing to trailing edge LH	1	
	151-31060-2	. . FILLET ASSEMBLY, Wing to trailing edge RH	1	
-22	172-31205-20	. DUCT ASSY, Fuselage station 131 to 183.346	1	A
	172-31203-10	. DUCT ASSY, Fuselage station 131 to 183.346	1	B
	172-31203-20	. DUCT ASSY, Fuselage station 131 to 183.346	1	C
	172-31203-40	. DUCT ASSY, Fuselage station 131 to 183.346	1	D
	172-31203-60	. DUCT ASSY, Fuselage station 131 to 183.346	1	E
-23	172-40011	. . SEAL ASSY, Engine to duct fuselage station 183.346	1	F
	172-40011-5	. . . SEAL, Fuselage station 131 to 183.346 seal assy	1	F
	172-31205-11	. . DUCT SUB-ASSY, Fuselage station 131 to 183.346	1	A
	172-31205-9	. . . SEAL, Fuselage station 131 to 183.346 duct assy	1	A
-24	AN365-1032	. . NUT	6	F
-25	AN960-D10	. . WASHER	6	F
-26	AN509-10R9	. . SCREW	6	F
-27	172-40012	. . CLAMP ASSY, Engine to duct fuselage sta 183.346 seal (when exh use 172-40012-20)	1	F
	172-40012-20	. . CLAMP ASSY, Engine to duct fuselage sta 183.346 seal (use 172-40012 until exh)	1	F
	15776-10SH	. . . STRAP ASSY, (Marman) (intrch with national utilities AU130-4S)	2	F
	15776-12SH	. . . STRAP ASSY, (Marman) (intrch with national utilities AU130-2S)	2	F
-28	151-31208	. WELL ASSY. Fuselage sta 178 to 204.5 wheel (see figure 157 for breakdown)	Ref	
-29	151-31204	. FRAME ASSEMBLY, Fuselage sta 207.18 to sta 242 bottom (see figure 157 for breakdown)	1	
-30	172-53360	. DUCT ASSY, Heat and vent system primary exchanger cooling air inlet	1	

*1 151-31909-5 and -6 hinge and 151-31908-7 and -8 fittings are matched components; do not stock separately.
*2 172-53362-10 removed per T. O. 1F-86-238.

USEABLE ON CODE:
A 51-2850 thru 51-2927
B 51-2928 thru 51-13169
C 51-13170 thru 51-13283, 52-4305 thru 52-4404
D 51-13284 thru 51-13510, 52-4405 thru 52-5063, 52-5272 thru 52-5446
E 52-5064 thru 52-5271, 52-5447 and subs
F 51-2928 and subs
G 51-2850 thru 51-13969, 51-13070 thru 51-13129
H 51-12970 thru 51-12976, 51-13130 and subs

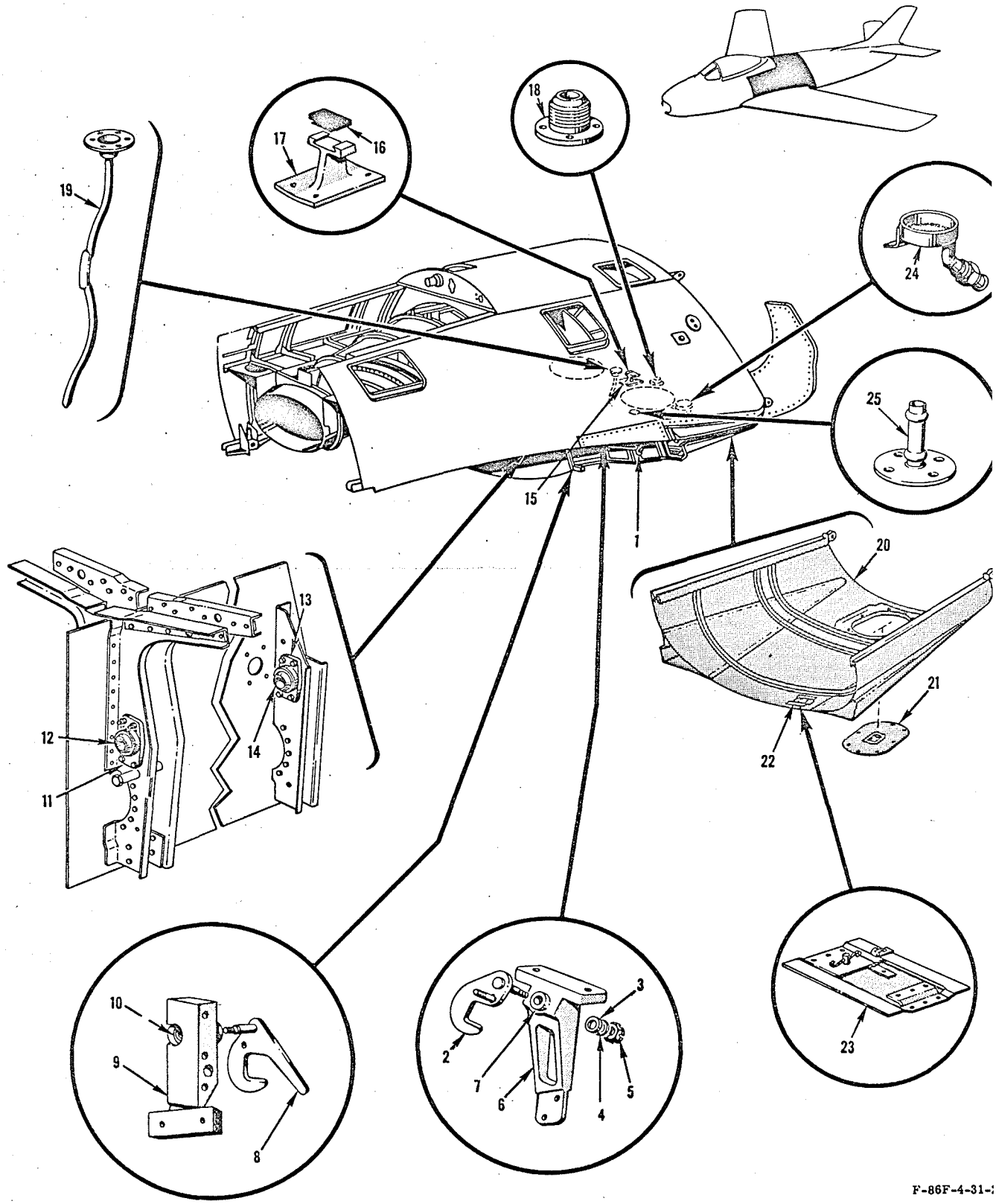


FIGURE 157 - FUSELAGE WHEEL WELL AND FRAME ASSEMBLIES

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
157		FUSELAGE WHEEL WELL AND FRAME ASSEMBLIES		
	151-31208-85	. WELL ASSEMBLY, Fuselage station 178.0 to 204.5 wheel (see figure 156 for next assembly)	1	A
	151-31208-90	. WELL ASSEMBLY, Fuselage station 179.0 to 204.5 wheel (see figure 156 for next assembly)	1	D
	151-31208-100	. WELL ASSEMBLY, Fuselage station 179.0 to 204.5 wheel (see figure 156 for next assembly)	1	E
	151-31208-120	. WELL ASSEMBLY, Fuselage station 179.0 to 204.5 wheel (see figure 156 for next assembly)	1	F
	151-31246-90	. . FRAME ASSEMBLY, Fuselage station 204.5 bottom	1	
-1	140-33547-1	. . . SUPPORT ASSY, Main wheel door aft lock complete LH	1	
	140-33547-2	. . . SUPPORT ASSY, Main wheel door aft lock complete RH	1	
-2	193-33545-1	. . . . HOOK ASSY, Main wheel door aft LH	1	*1
	193-33545-2	. . . . HOOK ASSY, Main wheel door aft RH	1	*1
-3	2W1-24-20-16	. . . . WASHER, Plain (North American)	AR	
-4	2W1-13-20-63	. . . . WASHER, Plain (North American)	1	
-5	AN320-3	. . . . NUT	1	
-6	140-33543-1	. . . . SUPPORT ASSY, Main wheel door aft lock LH	1	
	140-33543-2	. . . . SUPPORT ASSY, Main wheel door aft lock RH	1	
-7	4B16RF6-13	. . . . . BEARING, Sintered oil impregnated (North American)	2	
	151-31220-10	. . BULKHEAD ASSEMBLY, Station 178 bottom	1	A
	151-31220-20	. . BULKHEAD ASSEMBLY, Station 178 bottom	1	B
	151-33565-5	. . . SUPPORT ASSEMBLY, Main LG wheel door fwd lock LH	1	
	151-33565-6	. . . SUPPORT ASSEMBLY, Main LG wheel door fwd lock RH	1	
-8	151-33570-1	. . . . HOOK ASSY, Main landing gear wheel door fwd LH	1	
	151-33570-2	. . . . HOOK ASSY, Main landing gear wheel door fwd RH	1	
-9	151-33566-1	. . . . FITTING ASSY, Main LG wheel door fwd lock LH	1	
	151-33566-2	. . . . FITTING ASSY, Main LG wheel door fwd lock RH	1	
-10	4B16RF5-16	. . . . . BEARING, Sintered oil impregnated (North American)	1	
	151-31272-20	. . BEAM ASSEMBLY, Fuselage sta 178 to 204.5 wheel well	1	A
	151-31272-30	. . BEAM ASSEMBLY, Fuselage sta 178 to 204.5 wheel well	1	B
	151-33531-1	. . . BRACKET ASSY, Main landing gear wheel door hinge and lock operating torque shaft support fwd LH	1	A
	151-33531-11	. . . BRACKET ASSY, Main landing gear wheel door hinge and lock operating torque shaft support fwd LH	1	B
	151-33531-2	. . . BRACKET ASSY, Main landing gear wheel door hinge and lock operating torque shaft support fwd RH	1	A
	151-33531-12	. . . BRACKET ASSY, Main landing gear wheel door hinge and lock operating torque shaft support fwd RH	1	B
-11	140-33535	. . . . HOUSING ASSY, Main wheel door lock torque shaft forward bearing	1	
-12	HSB12C	. . . . . BEARING, (Halfco) (interchangeable with Heim LSS12)	1	
	151-33537-1	. . . BRACKET ASSY, Main landing gear wheel door and lock operating torque shaft support aft LH	1	
	151-33537-2	. . . BRACKET ASSY, Main landing gear wheel door and lock operating torque shaft support aft RH	1	
-13	140-33536	. . . . HOUSING ASSY, Main wheel door lock torque shaft aft bearing	1	
-14	HSB10C	. . . . . BEARING, (Halfco) (interchangeable with Heim LSS10 or HSBG12 Kahr)	1	
-15	176-42028	. . PAD ASSY, Engine alignment (use 176-42028-10 until exh)	1	
-16	176-42030	. . . PAD, Engine alignment	1	
-17	176-42029	. . . BASE, Engine alignment pad (use 176-42029-10 until exh)	1	
-18	176-42016	. . FITTING, Engine fuel inlet cap stowage	1	
-19	151-31540	. . TUBE ASSEMBLY, Wheel well drain	1	
-20	151-31204	. FRAME ASSY, Fus sta 207.18 to station 242 bottom (see figure 156 for next assembly)	Ref	
-21	151-48084-11	. . DOOR ASSEMBLY, Rear fuselage fuel cell booster pump access	1	
-22	151-48079	. . DOOR ASSEMBLY, Rear fuselage fuel cell sump drain complete	1	
-23	151-48079-13	. . . DOOR ASSEMBLY, Rear fuselage fuel cell sump drain	1	
	172-31271-1	. . WEB ASSY, Fuselage sta 178 to 204.5 wheel well LH (when exh use 172-31271-51)	1	A,D,F
	172-31271-51	. . WEB ASSY, Fuselage sta 178 to 204.5 wheel well LH (use 172-31271-1 until exh)	1	A,D,F
	172-31271-61	. . WEB ASSY, Fuselage sta 178 to 204.5 wheel well LH	1	E
	172-31271-2	. . WEB ASSY, Fuselage sta 178 to 204.5 wheel well RH	1	A,D
	172-31271-20	. . WEB ASSY, Fuselage sta 178 to 204.5 wheel well RH	1	E,F
-24	170-48136	. . . CUP ASSY, Fuel filter drain (used on 172-31271-1 only)	1	
-25	176-53324	. . . TUBE ASSY, Heat and vent system primary exchanger cooling air water drain	1	C,*2

*1 Use 140-33545-1 & -2 together with AN365-1032 or 176-33545-1 & -2 together with AN310-3 until exh, when exh use 193-33545-1 & -2 together with AN365-1032

*2 Refer to T. O. 1F-86-238

USEABLE ON CODE:
A 51-2850 thru 51-2927
B 51-2928 and subs
C 51-13227 and subs
D 51-2928 thru 52-5063, 52-5272 thru 52-5386
E 52-5164 thru 52-5271, 53-1072 and subs
F 52-5064 thru 52-5163, 52-5387 thru 52-5530

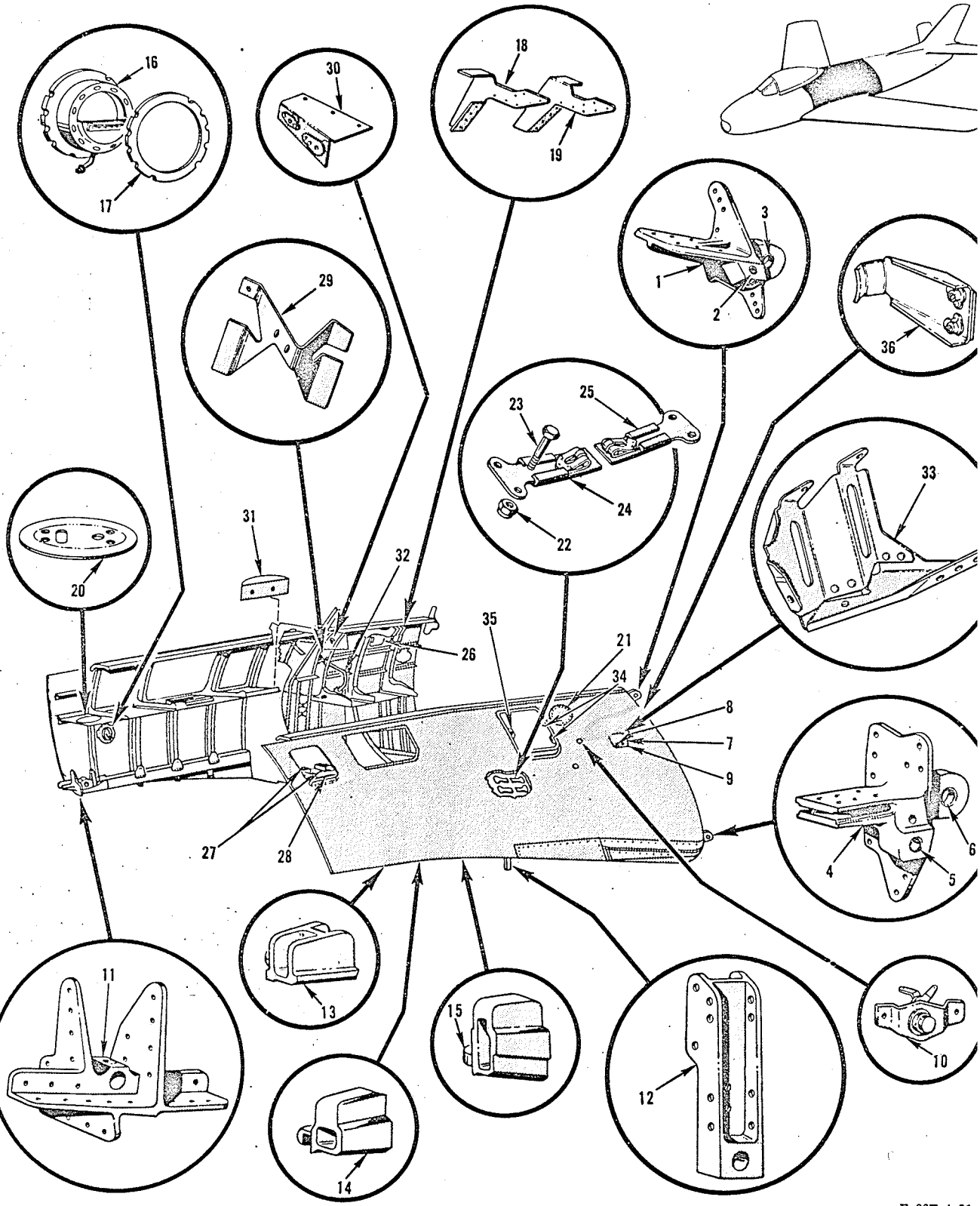


FIGURE 158 - FUSELAGE STATION 131 TO STATION 235.894 FRAME ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
158	151-31775	FRAME ASSEMBLY, Fuselage station 131 to sta 235.894 LH side (see figure 156 for next assembly)	Ref	
	170-31776	FRAME ASSEMBLY, Fuselage station 131 to sta 235.894 RH side (see figure 156 for next assembly)	Ref	
	151-31211-35	. LONGERON ASSY, Fus sta 131.2 to 232.486 upper LH	1	
	151-31211-76	. LONGERON ASSY, Fus sta 131.2 to 232.486 upper RH	1	
-1	152-31285-5	. . FITTING ASSY, Fus sta 234.610 upper fwd longeron LH	1	
	152-31285-6	. . FITTING ASSY, Fus sta 234.610 upper fwd longeron RH	1	
-2	140-31246	. . . BUSHING, Forward longeron fittings	1	
-3	151-31358-3	. . . BUSHING, Aft to forward fuselage longeron fitting	1	
	151-31210-55	. LONGERON ASSY, Fus sta 131.2 to 232.486 lower LH	1	
	151-31210-36	. LONGERON ASSY, Fus sta 131.2 to 232.486 lower RH	1	
-4	151-31233-5	. . FITTING ASSY, Fus sta 241.068 lower fwd longeron LH	1	
	151-31233-6	. . FITTING ASSY, Fus sta 241.068 lower fwd longeron RH	1	
-5	140-31246	. . . BUSHING, Forward longeron fitting	1	
-6	151-31358-3	. . . BUSHING, Aft to forward fuselage longeron fittings	1	
-7	172-54151-21	. DOOR ASSY, External power receptacle left side (use 172-54151 or 172-54151-11 unt1 exh)	1	
-8	KM680	. . FASTENER, (Camloc)	2	
	172-54152	. . HINGE ASSY, Elec external power receptacle door	1	
-9	151-54292	. SPRING, Electric external power receptacle door left side	1	
-10	2J1	. JACK ASSY, Fuel nozzle grounding (North American)	1	
-11	151-31216-1	. FITTING, Front wing attachment fus sta 131 to 133 1/2 LH	1	
	151-31216-2	. FITTING, Front wing attachment fus sta 131 to 133 1/2 RH	1	
	172-31236	. BULKHEAD ASSY, Fuselage sta 178 left side	1	A
	172-31236-10	. BULKHEAD ASSY, Fuselage sta 178 left side	1	F
	172-31236-20	. BULKHEAD ASSY, Fuselage sta 178 left side	1	G
	172-31237	. BULKHEAD ASSY, Fuselage sta 178 right side	1	A
	172-31237-10	. BULKHEAD ASSY, Fuselage sta 178 right side	1	E
-12	151-31690-3	. . FITTING, Fus sta 178 to 180.5 wing rear attaching LH	1	
	151-31690-4	. . FITTING, Fus sta 178 to 180.5 wing rear attaching RH	1	
-13	140-31216-3	. FITTING, Lower longeron support fuselage sta 144.969 LH	1	
	140-31216-4	. FITTING, Lower longeron support fuselage sta 144.969 RH	1	
-14	151-31235-1	. FITTING, Lower longeron support fuselage sta 156.125 LH	1	
	151-31235-2	. FITTING, Lower longeron support fuselage sta 156.125 RH	1	
-15	140-31218-3	. FITTING, Lower longeron support fuselage sta 166.219 LH	1	
	140-31218-4	. FITTING, Lower longeron support fuselage sta 166.219 RH	1	
-16	151-48073-11	. CUP ASSY, Forward fuselage fuel cell filler right side	1	
-17	151-48065	. GASKET, Forward fuselage fuel cell filler cup right side	1	
-18	151-31263-2	. FITTING, Lower fwd frame to longeron attaching RH sta 204.5	1	
-19	151-31264-2	. FITTING, Lower aft frame to longeron attaching RH sta 204.5	1	
	151-31232-60	. SHELF ASSY, Fuselage sta 126.419 to sta 178 RH	1	A
	172-31234	. SHELF ASSY, Fuselage sta 126.419 to sta 178 RH	1	E
-20	151-31232-70	. . DOOR, Fuselage sta 126.419 to station 178 RH	1	A
	172-48145	. . DOOR, Fuselage sta 126.419 to station 178 RH	1	E
-21	151-31024	. DOOR, Fuselage station 204 29/32 instrument access LH	1	
-22	AN365-1032	. NUT	4	
-23	AN3-5A	. BOLT	4	
-24	151-48158-1	. STRAP ASSY, Fuel filter alcohol de-icing tank support LH	2	A
	172-48158	. STRAP ASSY, Fuel filter alcohol de-icing tank support LH	2	E
-25	151-48158-2	. STRAP ASSY, Fuel filter alcohol de-icing tank support RH	2	
	172-31026	. STIFFENER ASSY, Fus sta 215.12 to 225.75 WL4 1/16 LH access door (LH only)	1	
	172-54155	. . COVER ASSY, Elec external power receptacle (LH only)	1	
-26	172-47020	. DOOR ASSY, Fus sta 217 3/16 oil tank access RH	1	*1
	172-47020-10	. DOOR ASSY, Fus sta 217 3/16 oil tank access RH (use 172-47020 unt1 exh)	1	*1
	172-47021	. . HINGE ASSY, Fuselage sta 217 3/16 oil tank access door	1	
	H5000-2-.091-.091	. . LATCH, (Hartwell)	2	
	191-47009	. . RETAINER ASSY, Oil tank dip stick	1	
-26A	9115	. . . BUMPER, (Rubbercraft)	1	
	172-31543	. SHELF ASSY, Fuselage sta 126.419 to sta 178 LH	1	A
	172-31233	. SHELF ASSY, Fuselage sta 126.419 to sta 178 LH	1	B
	172-31233-50	. SHELF ASSY, Fuselage sta 126.419 to sta 178 LH	1	C
	172-31233-81	. SHELF ASSY, Fuselage sta 126.419 to sta 178 LH (use 172-31233-70 unt1 exh)	1	D
	151-54042	. . SUPPORT ASSEMBLY, Fire detector relay panel	1	A
	151-54043	. . BRACKET ASSEMBLY, Fire detector relay panel	1	A
-27	100PL-A	. . . INSULATOR, Vibration (Lord) (AN8008D0)	2	A
-28	172-48146	. SEAL, Fuel forward fuselage cell level control valve access	1	D
	172-31244	. FRAME ASSY, Fuselage station 204.5 RH side	1	
-29	172-58180	. . SUPPORT, Hydraulic regulator lower	1	
-30	172-48179	. . SUPPORT ASSY, Hydraulic regulator upper	1	
-31	176-47011-5	. BLOCK, Oil tank to atmosphere vent air deflector (use 176-47011 unt1 exh)	1	
-32	172-47014	. TUBE ASSY, Oil tank to atmosphere vent (RH only)	1	
-33	172-54153	. BRACKET ASSY, Elec external power receptacle mounting	1	
-34	172-31798	. PLATE ASSY, Fus sta 204.5 access door aft	2	
-35	172-31790	. PLATE ASSY, Fus sta 204.5 access door fwd	1	
	151-31253-20	. FRAME ASSY, Fus sta 225.75 LH upper	1	H
-36	172-53323	. . BRACKET ASSY, Heat & vent system cabin air line support	1	H

*1 172-47020 reworked in accordance with T. O. 1F-86-185 will be re-identified as 172-47020-10.

USEABLE ON CODE: A 51-2850 thru 51-2927; B 51-2928 thru 51-12976, 51-13070 thru 51-13109; C 51-13110 thru 51-13169; D 51-13170 and subs; E 51-2928 thru 51-12976; F 51-2928 thru 52-5013; G 52-5014 and subs; H 51-2850 thru 52-5530

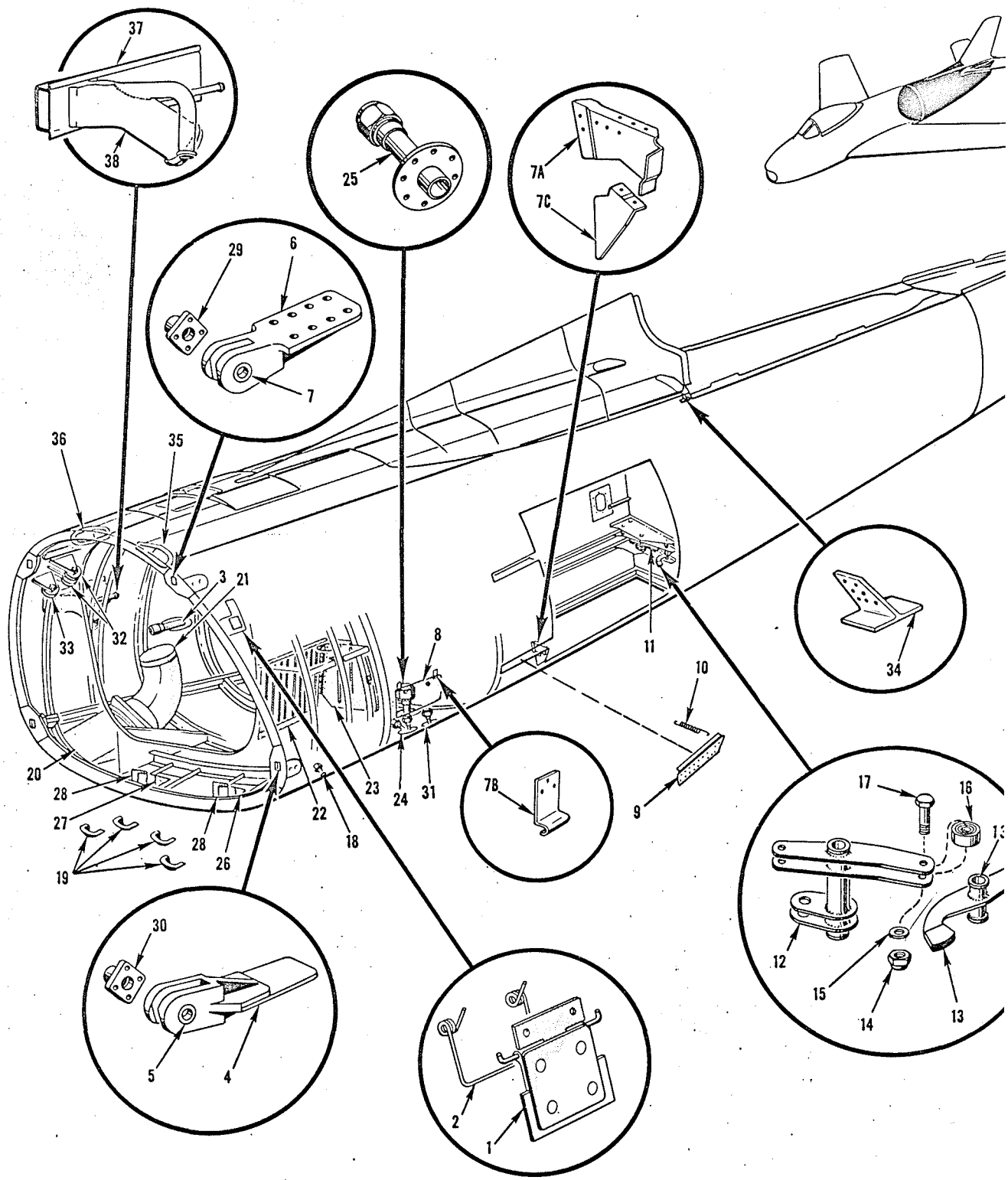


FIGURE 159 - AFT FUSELAGE FRAME ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER		1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
159	151-31331-120		FRAME ASSY, Aft fuselage (see figure 108 for next assembly). . .								Ref	A
	151-31331-125		FRAME ASSY, Aft fuselage (see figure 108 for next assembly). . .								Ref	B
	151-31331-130		FRAME ASSY, Aft fuselage (whn exh use 191-31331) (see figure 108 for next assembly)								Ref	C
	191-31331		FRAME ASSY, Aft fuselage (use 151-31331-130 untl exh) (see figure 108 for next assembly) . . .								Ref	C
	No Number		.	FRAME ASSY, Aft fus (cont) (see fig. 160 for breakdown) . . .							NP	
	170-31310-90		.	FRAME ASSY, Fuselage stztion 236.25 to 237							1	
	151-31314-3		.	.	FRAME ASSY, Fus sta 317 sides and lower						1	
	170-31311		.	.	PANEL ASSY, Fuselage station 236.25 to 237						1	
	172-48082		.	.	.	DOOR ASSY, Main fuel vent line fus break inspection . .					1	
-1	140-31269		.	.	.	.	DOOR ASSY, Inspection.				1	
-2	140-31271		.	.	.	.	.	SPRING, Inspection door			1	
-3	172-42016		.	.	.	OUTLET ASSY, Engine midframe leakage air discharge (use 151-42085 untl exh) . .					1	
	151-31350-81		.	.	.	LONGERON ASSY, Fus sta 236.25 to 331.625 lower LH . . .					1	
	151-31350-52		.	.	.	LONGERON ASSY, Fus sta 236.25 to 331.625 lower RH . . .					1	
-4	151-31593-13		.	.	.	.	FITTING ASSY, Fus sta 241.068 lower aft longeron LH.				1	
	151-31593-14		.	.	.	.	FITTING ASSY, Fus sta 241.068 lower aft longeron RH.				1	
-5	151-31358-7		.	.	.	.	.	BUSHING, Aft to forward fus longeron fitting . .			1	
	151-31358-13		.	.	.	.	.	BUSHING, Aft to forward fus longeron fitting . .			1	
	140-31312-11		.	.	.	.	.	PLATE, Fuselage station 236.25 aft longeron . . .			1	
	151-31582-1		.	.	.	.	FITTING, Fuselage station 286.5 frame to lower longeron lower attaching LH . . .				1	
	151-31582-2		.	.	.	.	FITTING, Fuselage station 286.5 frame to lower longeron lower attaching RH . . .				1	
	151-31360-51		.	.	.	LONGERON ASSY, Fuselage sta 236.25 to 332 upper LH . .					1	
	151-31360-62		.	.	.	LONGERON ASSY, Fuselage sta 236.25 to 332 upper RH . .					1	
-6	152-31379-13		.	.	.	.	FITTING ASSY, Fus sta 235.610 upper rear longeron LH				1	
	152-31379-14		.	.	.	.	FITTING ASSY, Fus sta 235.610 upper rear longeron RH				1	
-7	151-31358-3		.	.	.	.	.	BUSHING, Aft to forward fus longeron fitting . .			1	
	151-31358-5		.	.	.	.	.	BUSHING, Aft to forward fus longeron fitting . .			1	
	140-31312-11		.	.	.	.	.	PLATE, Fuselage station 236.25 aft longeron . . .			1	
-7A	151-31579-1		.	.	.	FITTING, Fus sta 298 frame to lower longeron lower attach LH . .					1	
	151-31579-2		.	.	.	FITTING, Fus sta 298 frame to lower longeron lower attach RH . .					1	
-7B	151-31550		.	.	.	SPRING, Fus sta 262.75 to 274.5 fire ext door rel . . .					1	
-7C	151-31588		.	.	.	BRACKET, Sta 298 dive brake hinge lower intercostal lower attaching . .					1	
-8	151-31552		.	.	DOOR ASSY, Fuselage sta 262.75 to 274.5 fire extinguisher.						1	
-9	140-39060-1		.	.	DOOR ASSY, Dive brake lower beam cover LH						1	
	140-39060-2		.	.	DOOR ASSY, Dive brake lower beam cover RH						1	
-10	140-39061		.	.	SPRING, Dive brake lower beam cover door						1	
	172-31381-1		.	.	WELL INSTALLATION, Dive brake side LH						NP	
	172-31381-2		.	.	WELL INSTALLATION, Dive brake side RH						NP	
-11	140-39039-21		.	.	.	LOCK ASSY, Fus dive brake door LH					1	
	140-39039-22		.	.	.	LOCK ASSY, Fus dive brake door RH					1	D
	140-39039-32		.	.	.	LOCK ASSY, Fus dive brake door RH					1	E
-12	140-39036-1		.	.	.	.	LATCH ASSEMBLY, Fuselage dive brake door LH				1	
	140-39036-2		.	.	.	.	LATCH ASSEMBLY, Fuselage dive brake door RH				1	
	4B16CF7-22		.	.	.	.	.	BEARING, Sintered oil impregnated (North American)			2	
	140-39036-11		.	.	.	.	.	WELD ASSY, Fuselage dive brake door latch LH . .			1	
	140-39036-12		.	.	.	.	.	WELD ASSY, Fuselage dive brake door latch RH . .			1	
	NAS77A7-68		.	.	.	.	.	.	BUSHING, Flared press fit bronze		2	
-13	140-39037-1 &-2		.	.	.	.	LATCH ASSEMBLY, Fuselage dive brake actuator LH & RH				1	
-13A	4B16CF6-19		.	.	.	.	.	BEARING, Sintered oil impregnated (North American)			2	
-14	AN320-3		.	.	.	.	NUT				1	
-15	AN960-10L		.	.	.	.	WASHER				1	
-16	4B21S3-016		.	.	.	.	BUSHING, Spacer (North American)				1	
	170-39030		.	.	.	.	ROLLER ASSY, Fuselage dive brake door				1	
	4B16RP5-15		.	.	.	.	.	BEARING, Sintered oil impregnated (North American)			1	
-17	AN23-15		.	.	.	.	BOLT				1	
-18	151-42086		.	.	DRAIN ASSY, Engine turbine housing fuselage sta 278 . .						1	
-19	140-31070		.	.	SCUPPER, Aft fuselage drain holes						4	
-20	161-31367-2		.	.	DUCT ASSY, Fuselage sta 244.75 cool air intake RH						1	
	161-31367-1		.	.	DUCT ASSY, Fuselage sta 244.75 cool air intake LH						1	
-21	176-46003		.	.	DUCT ASSY, Engine burner compartment cooling air RH . . .						1	
	176-46002	*1	.	.	DUCT ASSY, Engine burner compartment cooling air LH . . .						1	
	202-46002-61	*1	.	.	DUCT, Engine burner compartment cooling air LH, assy of						1	
-22	170-58127		.	.	DOOR ASSY, Hydraulic emergency pump inboard						1	
-23	170-58128		.	.	DOOR ASSY, Hydraulic emergency pump aft						1	
	170-31312-90		.	.	PANEL ASSY, Fus sta 236.25 to station 298 lower						1	
	176-42047-3		.	.	.	DUCT ASSY, Fus sta 244.75 to station 253.50 aft cooling LH					1	C
	176-42047-4		.	.	.	DUCT ASSY, Fus sta 244.75 to station 250.50 aft cooling RH					1	C
-24	176-42033	*2	.	.	.	TUBE ASSY, Engine fuselage station 277 drain.					1	
	202-42007	*1	.	.	.	TUBE, Engine drain sys fus sta 277 outlet, assy of. . .					1	
-25	176-42037-11	*3	.	.	.	TUBE ASSY, Engine fuselage station 284 1/2 oil breather					1	
	202-31350-3	*1	.	.	.	SHIM, Oil breather fus sta 284 1/2					1	
	202-31350-5	*1	.	.	.	SHIM, Oil breather fus sta 284 1/2					1	
-26	176-42046-3		.	.	.	TUBE ASSY, 244.75 to sta 253.50 aft cooling LH					1	
-27	176-42046-4		.	.	.	TUBE ASSY, 244.75 to sta 253.50 aft cooling RH					1	

(Nomenclature continued on next page)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.
159-28	176-42046-5		. . .	TUBE ASSY, 244.75 to sta 253.50 aft cooling	2
-29	161-31312-1		.	RETAINER ASSY, Fuselage upper longn attaching nutplate LH	1
	161-31312-2		.	RETAINER ASSY, Fuselage upper longn attaching nutplate RH	1
-30	161-31689-1		.	RETAINER ASSY, Fuselage lower longn attaching nutplate LH	1
	161-31689-2		.	RETAINER ASSY, Fuselage lower longn attaching nutplate RH	1
-31	151-42086		. .	DRAIN ASSY, Engine turbine housing fuselage sta 278	1
	170-52022-1 & -2		.	BRACKET INSTL, Surface control fus sta 238 3/4	NP
	170-52023-1 & -2		. .	BRACKET ASSY, Surface control fus sta 238.75 pulley	1
-32	AN210-2B		. . .	PULLEY	2
-33	AN210-3B		. . .	PULLEY	1
-34	151-31553-1		.	TEE, Fus sta 340 frame to upper longn upper attachg LH	1
	151-31553-2		.	TEE, Fus sta 340 frame to upper longn upper attachg RH	1
-35	151-31368-1		.	SHROUD ASSY, Control cables fus sta 244.75 to sta 340	1
-36	151-31368-22		.	SHROUD ASSY, Control cables fus sta 244.75 to sta 340	1
-37	202-53373	*1	.	FAIRING, Heat & vent sys ram air cooling intake scoop, assy of	1
-38	202-53356	*1	.	SCOOP, Heat & vent sys ram air cooling intake, assy of	1

*1 Used on airplanes modified per T.O. 1F-86F-532.
*2 Removed from airplanes modified per T.O. 1F-86F-532.
*3 176-42037 tube assy re-identified as 176-42037-11 when reworked per T.O. 1F-86F-532.

USEABLE ON CODE: A 51-2850 thru 51-12969
B 51-12970 thru 51-12976
C 51-13131 and subs
D 52-4305 thru 52-5063, 52-5272 thru 52-5386
E 52-5064 thru 52-5271, 52-5387 and subs

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
160	No Number		FRAME ASSY, Aft fus (cont) (see fig. 159 for next assy)	NP	*1
	151-31320-601		. FRAME ASSY, Fuselage station 327 to 430 tail	1	
-1	172-31020-1		. . DOOR ASSY, Fuselage station 333.5 hydraulic ground disconnect access LH	1	
	172-31020-2		. . DOOR ASSY, Fuselage station 333.5 hydraulic ground disconnect access RH	1	
-2	172-58142		. . COVER ASSY, Hydraulic hand pump mounting bracket	2	
-3	170-31375		. . OUTLET ASSY, Fuselage upper deck drain	2	
-4	172-58302-1		. . PAN, Hydraulic ground disconnect fuselage sta 333.5 LH	1	
	172-58302-2		. . PAN, Hydraulic ground disconnect fuselage sta 333.5 RH	1	
-5	176-31340		. . FAIRING ASSY, Fuselage sta 398 7/8 to 430 tail pipe. (whn exh use 176-31340-10)	1	
	176-31340-10		. . FAIRING ASSY, Fus sta 398 7/8 to 430 tail pipe (use 176-31340 untl exh)	1	
-6	151-48133		. . . VALVE ASSEMBLY, Tail fairing fuel drain flapper (used on 176-31340 only)	1	
-7	151-48132		. . . GASKET, Tail fairing fuel drain (used on. 176-31340 only)	1	
-8	151-48131		. . . SHELL, Tail fairing fuel drain.	1	
-9	140-31187		. . PLUG, Mooring fitting fuselage station 379.797	1	
-10	151-48140-31		. . TUBE ASSY, Fuel vent streamlined (use 151-48140 untl exh).	1	
	170-31330-201		. FRAME ASSY, Aft fuselage upper.	1	
-11	170-31300		. . FIN ASSY, Fuselage dorsal	1	
	170-31332-3		. . FRAME ASSY, Fuselage station 253.5 upper	1	
-12	140-54047		. . . BRACKET, Fire detector fuselage station 253.5	1	
-13	176-31330		. . SCOOP ASSY, Fuselage station 253.5 to 274.5 skin cooling	1	
	170-58249		. . . BRACKET ASSY, Hyd normal flight control 6 tube size filter support	1	
-13A	151-31312		. . . DUCT ASSY, Fus sta 244.75 to 253.5 compressor cooling air exhaust	1	
	172-520163		. BRACKET ASSY, Surface control manual emergency change-over disconnect forward	1	
-14	172-520147		. . PIN, Surface control manual emergency change-over disconnect aft support	1	
-15	172-520159		. . BRACKET, Surface control manual emergency change-over disconnect forward	1	
-16	161-42113		. SPRING, Engine exhaust tail pipe support	1	
-17	140-42112		. CLIP, Tail pipe support spring	4	
	ATTACHING PARTS				
-17A	AN526-832R7		. SCREW	4	
-17B	AN960D8		. WASHER	4	
-17C	AN363-832		. NUT	4	
	---*---				
-18	140-31063-1		. DOOR ASSY, Fuselage attg bolt upper access sta 235.894 LH	1	
	140-31063-2		. DOOR ASSY, Fuselage attg bolt upper access sta 235.894 RH	1	
-19	140-31062-1		. DOOR ASSY, Fuselage attg bolt upper access sta 235.894 LH	1	
	140-31062-2		. DOOR ASSY, Fuselage attg bolt lower access sta 235.894 RH	1	
	151-39002-1		. DIVE BRAKE INSTALLATION, Fuselage LH	NP	
	151-39002-2		. DIVE BRAKE INSTALLATION, Fuselage RH	NP	
-20	123-53136		. . SPRING, Tension.	2	
-21	140-39050-1		. . DOOR ASSY, Dive brake LH (useable on airplanes noted, when exh use 140-39050-149 or 140-39050-139)	1	C
	140-39050-2		. . DOOR ASSY, Dive brake RH (useable on airplanes noted, when exh use 140-39050-150 or 140-39050-140)	1	C
	140-39050-149		. . DOOR ASSY, Dive brake LH (useable on airplanes noted, when exh use 140-39050-1 or 140-39050-139)	1	C
	140-39050-150		. . DOOR ASSY, Dive brake RH (useable on airplanes noted, when exh use 140-39050-2 or 140-39050-140)	1	C
	140-39050-139		. . DOOR ASSY, Dive brake LH (use 140-39050-1 or 140-39050-149 untl exh on airplanes coded C only)	1	C
	140-39050-140		. . DOOR ASSY, Dive brake RH (use 140-39050-2 or 140-39050-150 untl exh on airplanes coded C only)	1	A
	140-39050-159		. . DOOR ASSY, Dive brake LH	1	B
	140-39050-160		. . DOOR ASSY, Dive brake RH	1	B
-22	140-39051		. . . FITTING, Dive brake upper hinge pivot	1	
-23	140-39055		. . . FITTING, Dive brake lower hinge pivot	1	
-24	4B16RF8-24		. . . BEARING, Sintered oil impregnated (North American)	4	
-25	140-39053-3		. . . PLATE, Dive brake door latch adjusting LH	1	
	140-39053-4		. . . PLATE, Dive brake door latch adjusting RH	1	
-26	151-39025-3		. . . LATCH, Dive brake door lock LH	1	
	151-39025-4		. . . LATCH, Dive brake door lock RH	1	
-27	NA365-524		. . NUT	1	
-28	NA364-524		. . NUT	1	
-29	2W1AL32-32-32		. . WASHER, Plain (North American)	2	
-30	AN960-516L		. . WASHER	1	
-31	AN960D516		. . WASHER	1	
-32	151-39013		. . SPACER, Dive brake hinge attaching	2	
-33	NAS464P5A32		. . BOLT, Shear close tolerance	1	
-34	AN175-24		. . BOLT	1	
-35	170-54212		. BRACKET ASSY, Rudder control fuselage station 350 pulley	2	
-36	AN4H10A		. . BOLT	2	
-37	AN210-4A		. . PULLEY, (Anti friction bearing control)	2	
-38	BL4-0.500R	*2	. PIP PIN, (D.W. Price)	2	
-39	9C1-2-5	*2	. CHAIN, (North American)	2	

(Nomenclature continued on page 2-295)

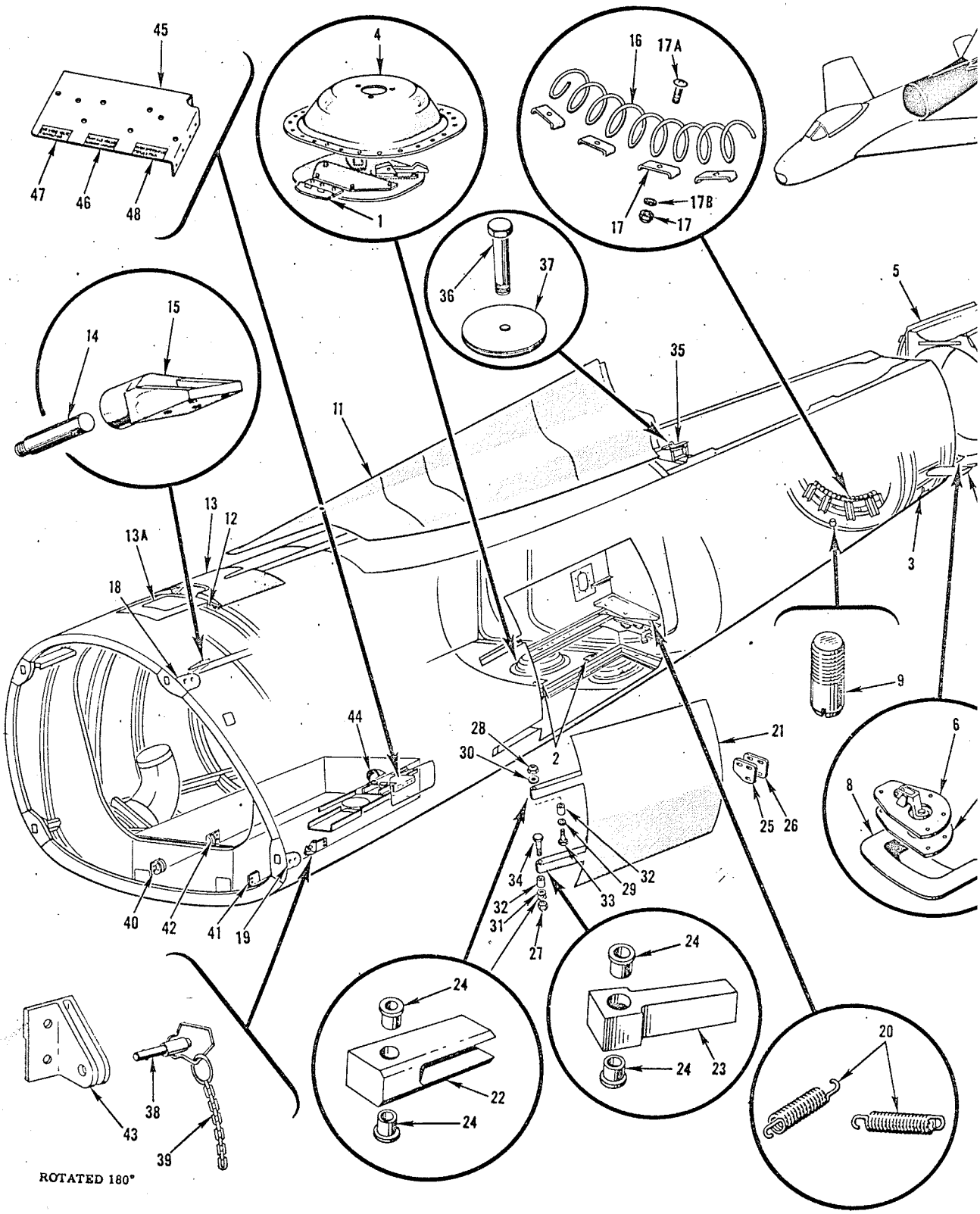


FIGURE 160 - AFT FUSELAGE FRAME ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER		1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
160-40	202-31311-3	*2	.							FITTING, RT220/ARN21 receiver transmitter support LH	1	
-41	202-31311-4	*2	.							FITRING, RT220/ARN21 receiver transmitter support RH	1	
-42	202-31311-5	*2	.							FITTING, RT220/ARN21 receiver transmitter support LH	1	
-43	202-31311-6	*2	.							FITTING, RT220/ARN21 receiver transmitter support RH	1	
-44	202-53375	*2	.							DUCT, Heat & vent sys heat exchanger cooling air outlet, assy of	1	
-45	202-540024	*2	.							BRACKET, Relay support TACAN cooling, assy of	1	
-46	202-540022	*2	.	.						DECAL, Ram air valve ground lockout relay electrical	1	
-47	202-540023	*2	.	.						DECAL, Overheat valve transfer relay electrical	1	
-48	202-540025	*2	.	.						DECAL, Overspeed valve transfer relay electrical	1	

*1 When ordering spare aft fuselage frame assemblies see figure 107.
*2 Used on airplanes modified per T.O. 1F-86F-532.

USEABLE ON CODE: A 51-2850 thru 52-5013, 52-5272 thru 52-5386 B 52-5014 thru 52-5271, 52-5387 and subs C 51-3850 thru 51-13510

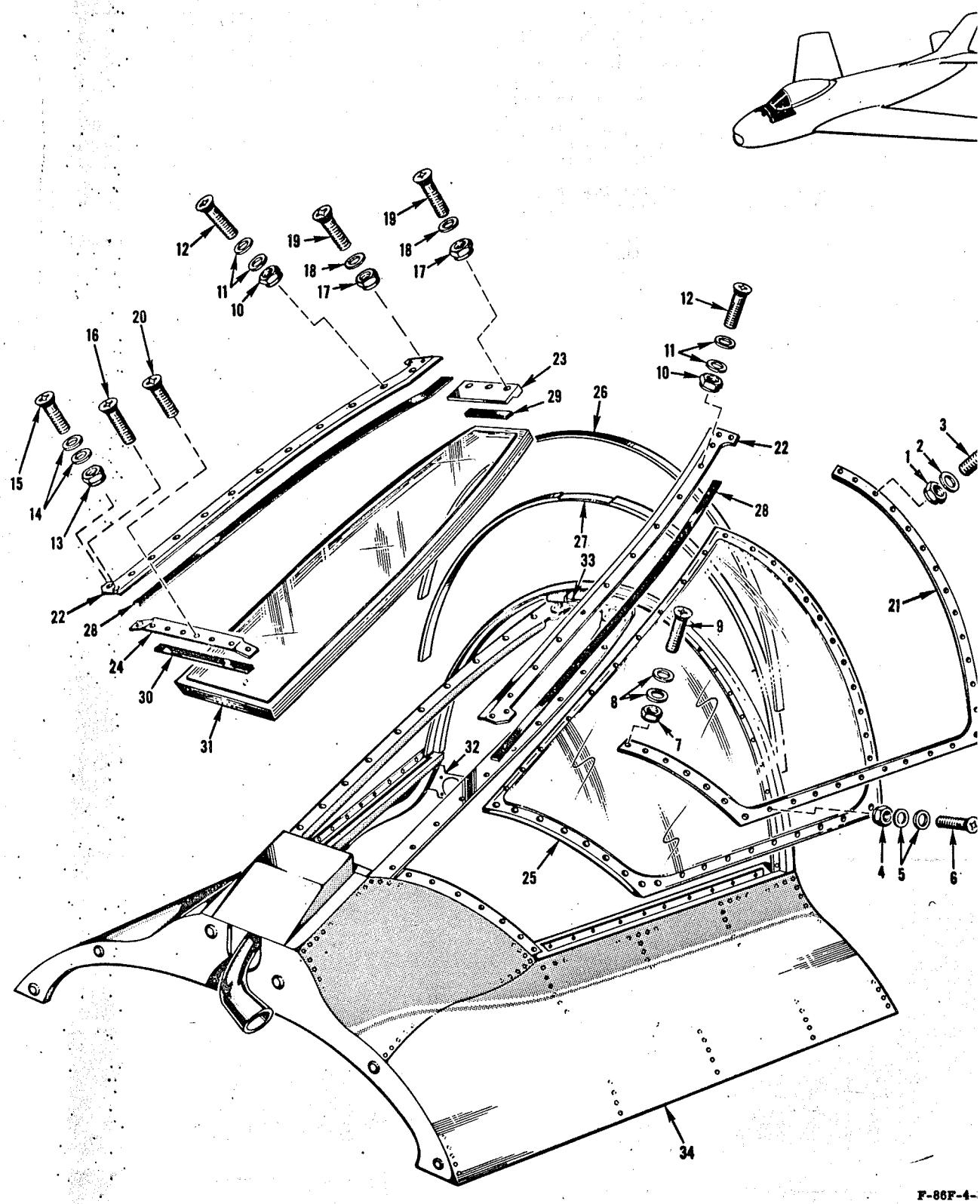


FIGURE 161 - COCKPIT ENCLOSURE WINDSHIELD ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
161	172-31861-20	WINDSHIELD ASSEMBLY, Cockpit enclosure complete (see figure 177 for next assembly)	Ref	A,*1
	172-31861-30	WINDSHIELD ASSEMBLY, Cockpit enclosure complete (whn exh use 172-31861-40) (see figure 177 for next assembly)	Ref	B,*1
	172-31861-40	WINDSHIELD ASSEMBLY, Cockpit enclosure complete (use 172-31861-30 untl exh) (see figure 177 for next assembly)	Ref	B,*1
	172-31861-50	WINDSHIELD ASSEMBLY, Cockpit enclosure complete (see figure 177 for next assembly)	Ref	C,*1
	172-31861-51	WINDSHIELD ASSEMBLY, Cockpit enclosure complete (see figure 177 for next assembly)	Ref	D
	172-31861-61	WINDSHIELD ASSEMBLY, Cockpit enclosure complete (see figure 177 for next assembly)	Ref	E
	172-31861-71	WINDSHIELD ASSEMBLY, Cockpit enclosure complete (see figure 177 for next assembly)	Ref	F
-1	AN365C1032	. NUT	28	
-2	AN960D10L	. WASHER	28	
-3	7S16C10-16	. SCREW, 100° flush head corrosion resistant (North American)	28	
-4	AN365C1032	. NUT	20	
-5	AN960D10L	. WASHER	40	
-6	7S16C10-14	. SCREW, 100° flush head corrosion resistant (North American)	20	
-7	AN365C1032	. NUT	10	
-8	AN960D10L	. WASHER	20	
-9	7S16C10-14	. SCREW, 100° flush head corrosion resistant (North American)	10	
-10	AN365C1032	. NUT	20	A
-11	AN960D10L	. WASHER	40	A
-12	7S16C10-14	. SCREW, 100° flush head corrosion resistant (North American)	20	A
	AN365C1032	. NUT	16	B
	7S16C10-12	. SCREW, 100° flush head corrosion resistant (North American)	16	B
-13	AN365C1032	. NUT	2	
-14	AN960D10L	. WASHER	4	
-15	7S16C10-16	. SCREW, 100° flush head corrosion resistant (North American)	2	
-16	7S16C10-9	. SCREW, 100° flush head corrosion resistant (North American)	2	
-17	AN365C1032	. NUT	7	
-18	AN960D10L	. WASHER	7	
-19	7S16C10-17	. SCREW, 100° flush head corrosion resistant (North American)	7	
-20	7S16-10-7	. SCREW, 100° flush head corrosion resistant (North American)	6	
-21	172-31861-3	. RETAINER, Cockpit enclosure windshield glass LH	1	
	172-31861-4	. RETAINER, Cockpit enclosure windshield glass RH	1	
-22	172-31861-5	. RETAINER, Cockpit enclosure windshield glass LH	1	
	172-31861-6	. RETAINER, Cockpit enclosure windshield glass RH	1	
-23	165-31877	. FITTING, Cockpit enclosure windshield armor glass retaining	1	
-24	172-31830	. RETAINER, Cockpit enclosure fus sta 60.625 windshield	1	
	191-31859	. RETAINER, Cockpit enclosure windshield armor glass base	1	
	7S16C10-7	. SCREW, 100° flush head corrosion resistant (North American)	6	
-25	165-31854-1	. GLASS, Windshield side panel LH	1	
	165-31854-2	. GLASS, Windshield side panel RH	1	
-26	172-31879	. SPACER, Cockpit windshield seal	1	
-27	172-31861-13	. ANGLE, Cockpit enclosure windshield	1	
-28	172-31861-7	. SEAL, Cockpit enclosure windshield	2	
-29	172-31861-11	. SEAL, Cockpit enclosure windshield	1	
-30	172-31861-9	. SEAL, Cockpit enclosure windshield	1	
-31	165-31876	. GLASS, Windshield armor	1	*1
-32	191-51090	. BRACKET, Pilot's stand-by compass mounting (RH side only) (use 170-51090 untl exh)	1	A,B,C,D
-33	210-51090	. BRACKET, Pilot's stand-by compass mounting (RH side only)	1	E,F, *3
-34	172-31862-30	. FRAME ASSEMBLY, Cockpit enclosure windshield (see figure 162 for breakdown)	1	A
	172-31862-40	. FRAME ASSEMBLY, Cockpit enclosure windshield (used on 172-31861-30 only) (see fig. 162 for breakdown)	1	B
	172-31862-50	. FRAME ASSEMBLY, Cockpit enclosure windshield (used on 172-31861-40 only) (see fig. 162 for breakdown)	1	B
	172-31862-60	. FRAME ASSEMBLY, Cockpit enclosure windshield (see figure 162 for breakdown)	1	C
	172-31862-61	. FRAME ASSEMBLY, Cockpit enclosure windshield (see figure 162 for breakdown)	1	D,E
	172-31862-71	. FRAME ASSEMBLY, Cockpit enclosure windshield (see figure 162 for breakdown)	1	F

*1 It has been found that when a windshield is removed that the seal P/N 165-31875 is damaged making for a mandatory replacement. This seal not being a part of this assembly must be ordered separately (ref figure 162).

USEABLE ON CODE:
A 51-2850 thru 51-2943
B 51-12936 thru 52-5163, 52-5272 thru 52-5530
C 52-5164 thru 52-5271, 53-1072 thru 53-1228
D 55-3816 thru 55-3830
E 55-3831 thru 55-3875
F 55-3876 and subs

*2 Not used on airplanes modified per T. O. 1F-86F-511.
*3 Also used on airplanes modified per T. O. 1F-86F-511.

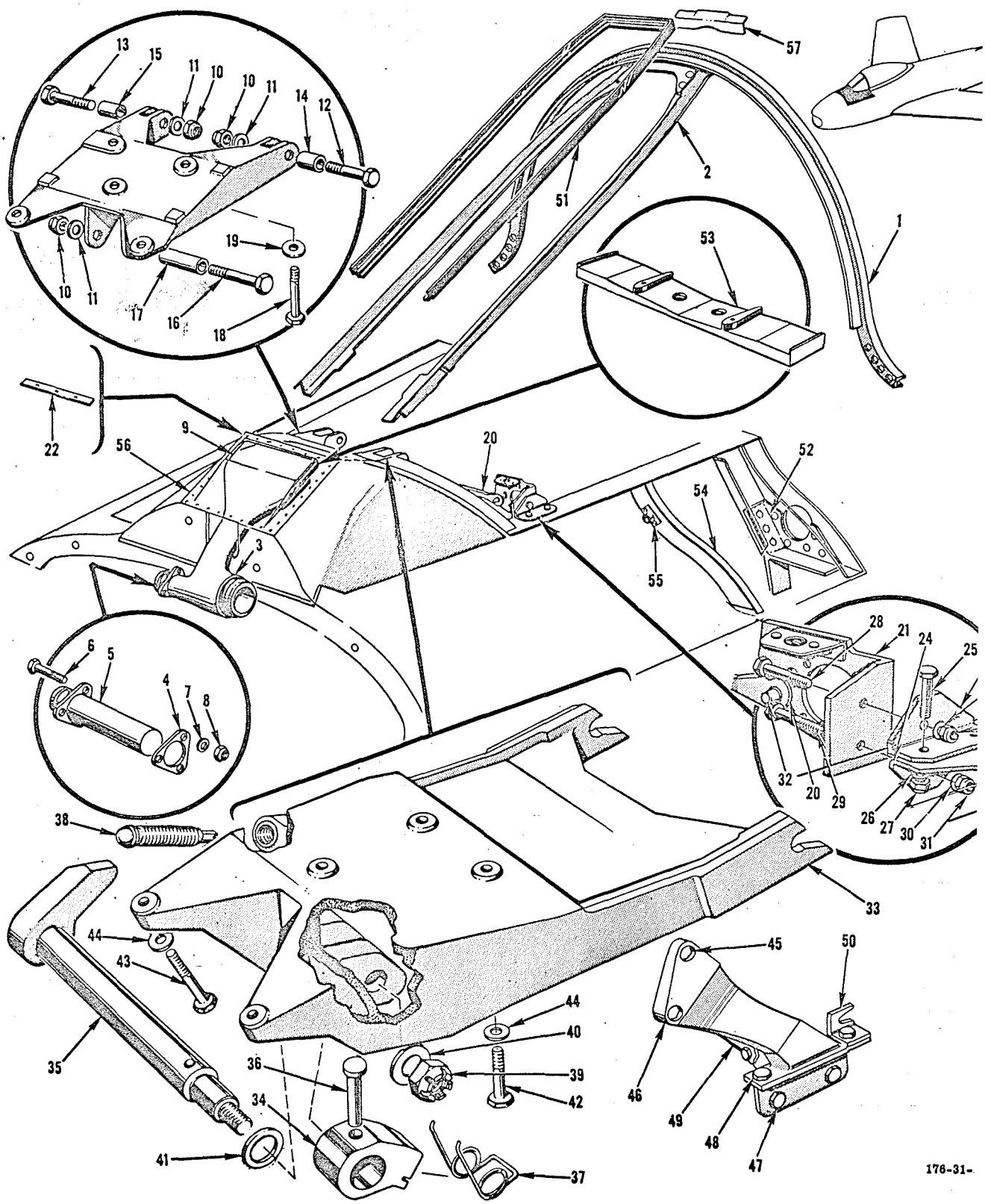


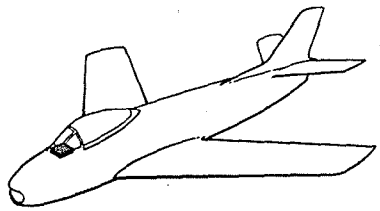
FIGURE 162 - COCKPIT ENCLOSURE WINDSHIELD FRAME ASSEMBLY

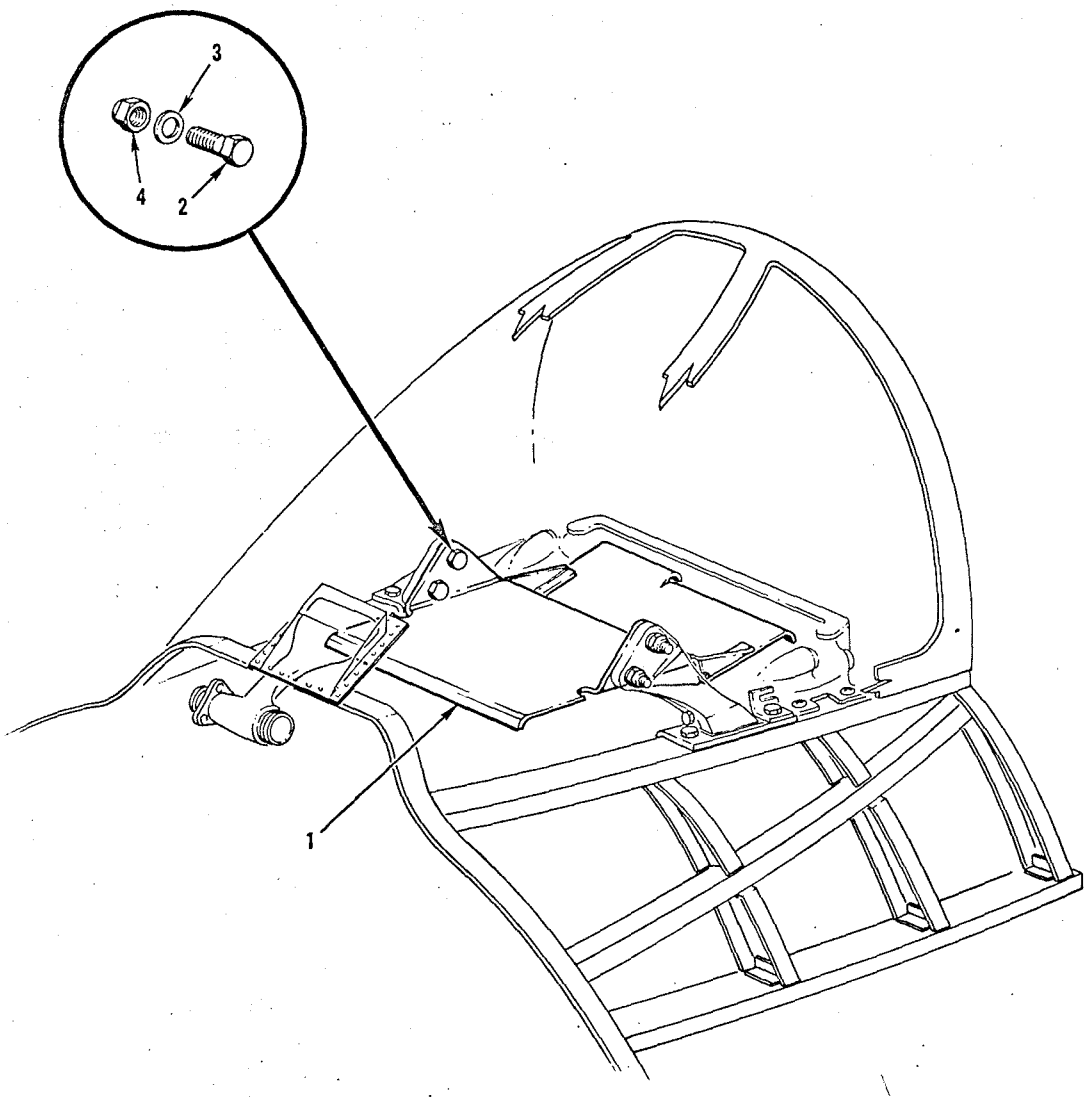
FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
162	172-31862	FRAME ASSY, Cockpit enclosure windshield (see figure 161)	Ref	
-1	151-31884-10	. BOW, Cockpit enclosure windshield	1	
-2	172-31864	. RETAINER, Cockpit enclosure windshield armor glass	1	A
	172-31864-10	. RETAINER, Cockpit enclosure windshield armor glass	1	B
-3	172-53326	. OUTLET ASSY, Heat and vent system windshield anti-ice	1	
-4	159-53353	. . GASKET, H & V sys man. distributing duct thermoswitch	1	
-5	18423-0-.275	. . THERMOSWITCH, (Fenwal) (use 18423-275 until exh)	1	
-6	AN520-10R10	. . SCREW	3	
-7	AN960D10L	. . WASHER	3	
-8	AN365-1032	. . NUT	3	
-9	172-73560	. PLATE, Cockpit enclosure windshield block protector	1	
	172-61606	. SUPPORT ASSEMBLY, Sight head adapter	1	A
-10	AN365-428	. . NUT	3	A
-11	AN960D416	. . WASHER	3	A
-12	AN4-16A	. . BOLT	1	A
-13	AN4-17A	. . BOLT	1	A
-14	4B21S4-026	. . BUSHING, Spacer (North American)	1	A
-15	4B21S4-030	. . BUSHING, Spacer (North American)	1	A
-16	AN4-25A	. . BOLT	1	A
-17	4B21S4-122	. . BUSHING, Spacer (North American)	1	A
-18	5B18C12A	. BOLT, 1/4-28 corrosion resistant (North American)	5	A
-19	AN960D416	. WASHER	5	A
	2W1AL16-24-16	. WASHER, Plain (North American)(install between plate and support on the three forward holes only)	AR	A
-20	172-31888	. ROD, Cockpit encl windshield support quick removal tie	1	A
-21	172-31889-1	. BRACKET ASSY, Windshield support quick removal tie rod LH	1	A
	172-31889-2	. BRACKET ASSY, Windshield support quick removal tie rod RH	1	A
-22	191-53326	. SHIM, Heat & vent sys windshield anti-ice (ref T.O. 1F-86-152)	1	A
	191-53322	. SPACER, Anti-ice sys windshield outlet.	1	F
-23	172-31891-1	. CLIP, Cockpit encl windshield sup. quick removal tie rod upper LH	1	A
	172-31891-2	. CLIP, Cockpit encl windshield sup. quick removal tie rod upper RH	1	A
-24	172-31890-1	. CLIP, Cockpit encl windshield sup. quick removal tie rod lower LH	1	A
	172-31890-2	. CLIP, Cockpit encl windshield sup. quick removal tie rod lower RH	1	A
-25	5B17-5A	. BOLT, 10-32 corrosion resistant (North American)	3	A
-26	AN960C10	. WASHER	3	A
-27	AN363C1032	. NUT	3	A
-28	5B18-6A	. BOLT, 1/4-28 corrosion resistant (North American)	1	A
-29	5B18-7A	. BOLT, 1/4-28 corrosion resistant (North American)	1	A
-30	AN960C416	. WASHER	2	A
-31	AN363C428	. NUT	2	A
-32	A405	. FASTENER, (Dzus) (LH only)	1	A
	NAS222B213	. SCREW, 1/4-28 brazier head Phillips recess (RH only)	1	A
	AN960C416	. WASHER, (RH only)	1	A
	AN363C428	. NUT, (RH only)	1	A
	172-69003	. SUPPORT ASSY, A4 sight head mounting	1	B
-33	172-69004	. . BRACKET ASSY, A4 sight head mounting	1	B
	RD210SB12L	. . . INSERT, (Rosan)	1	
	RL56SB11	. . . RING, (Rosan)	1	
-34	180-69007	. . DOG, A4 sight head adapter retainer	1	B,*1
-35	180-69005-3	. . SHAFT ASSY, A4 sight head adapter locking	1	B,*1
-36	AN395-39	. . PIN	1	B,*1
-37	172-61662	. . SPRING, A4 sight head bracket uplocking	1	B
-38	172-61661	. . SCREW, A4 sight head adapter locking	1	B
-39	AN310-10	. . NUT	1	B
-40	2W1AL25-24-64	. WASHER, Plain (North American)	1	B
-41	2W1-50-38-63	. WASHER, Plain (North American)	1	B
-42	5B18CN11A	. BOLT, 1/4-28 corrosion resistant (North American)	3	B
-43	5B18CN13A	. BOLT, 1/4-28 corrosion resistant (North American)	2	B
-44	AN960D416	. WASHER	5	B
-45	5B18CN12A	. BOLT, 1/4-28 corrosion resistant (North American)	4	B
	AN960D416	. WASHER	4	B
	AN363CN428	. NUT	4	B
-46	172-69005-1	. BRACE, A4 gunsight support LH	1	B
	172-69005-2	. BRACE, A4 gunsight support RH	1	B
-47	5B18CN7A	. BOLT, 1/4-28 corrosion resistant (North American)	6	B
-48	5B18CN10A	. BOLT, 1/4-28 corrosion resistant (North American)	2	B
	AN960D416	. WASHER	8	B
	AN363CN428	. NUT	8	B
-49	172-61670	. ROD, Windshield support quick removal tie	1	B
-50	172-61671-1	. CLIP, Instrument panel shroud forward mounting LH	1	B
	172-61671-2	. CLIP, Instrument panel shroud forward mounting RH	1	B
-51	165-31875	. SEAL, Cockpit enclosure windshield armor glass	1	
-52	172-31871-1	. FITTING, Cockpit enclosure windshield fus sta 80.970 LH	1	
	172-31871-2	. FITTING, Cockpit enclosure windshield fus sta 80.970 RH	1	
-53	191-53327	. SPACER, Anti-ice sys windshield outlet (use 165-53692 until exh)	1	
-54	172-31869-1	. FRAME ASSY, Cockpit enclosure fus sta 71.750 windshield LH	1	
	172-31869-2	. FRAME ASSY, Cockpit enclosure fus sta 71.750 windshield RH	1	
-55	151-58239	. . GUIDE, Hydraulic parking brake control	1	
-56	172-31862-5	. FAIRING, Anti-ice system windshield outlet	1	C
	191-31860	. FAIRING ASSY, Windshield anti-ice duct cover	1	D
	191-31860-10	. FAIRING ASSY, Windshield anti-ice duct cover	1	E
-57	172-31862-9	. ANGLE, Cockpit enclosure windshield	1	

*1 Use 172-61659 together with 172-61658 until exh, when exh use 180-69007 together with 180-69005-3 and AN395-

USEABLE ON CODE: A 51-2850 thru 51-2943, 52-5272 thru 52-5386 E 53-1072 and subs
B 51-12936 and subs D 52-4705 thru 52-5271, F 52-4705 thru 52-5271
C 51-2850 thru 52-4704, 52-5387 thru 52-5530 52-5387 and subs



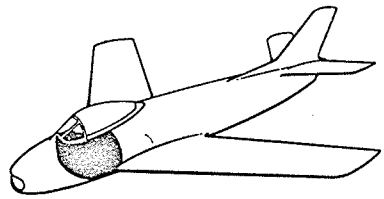


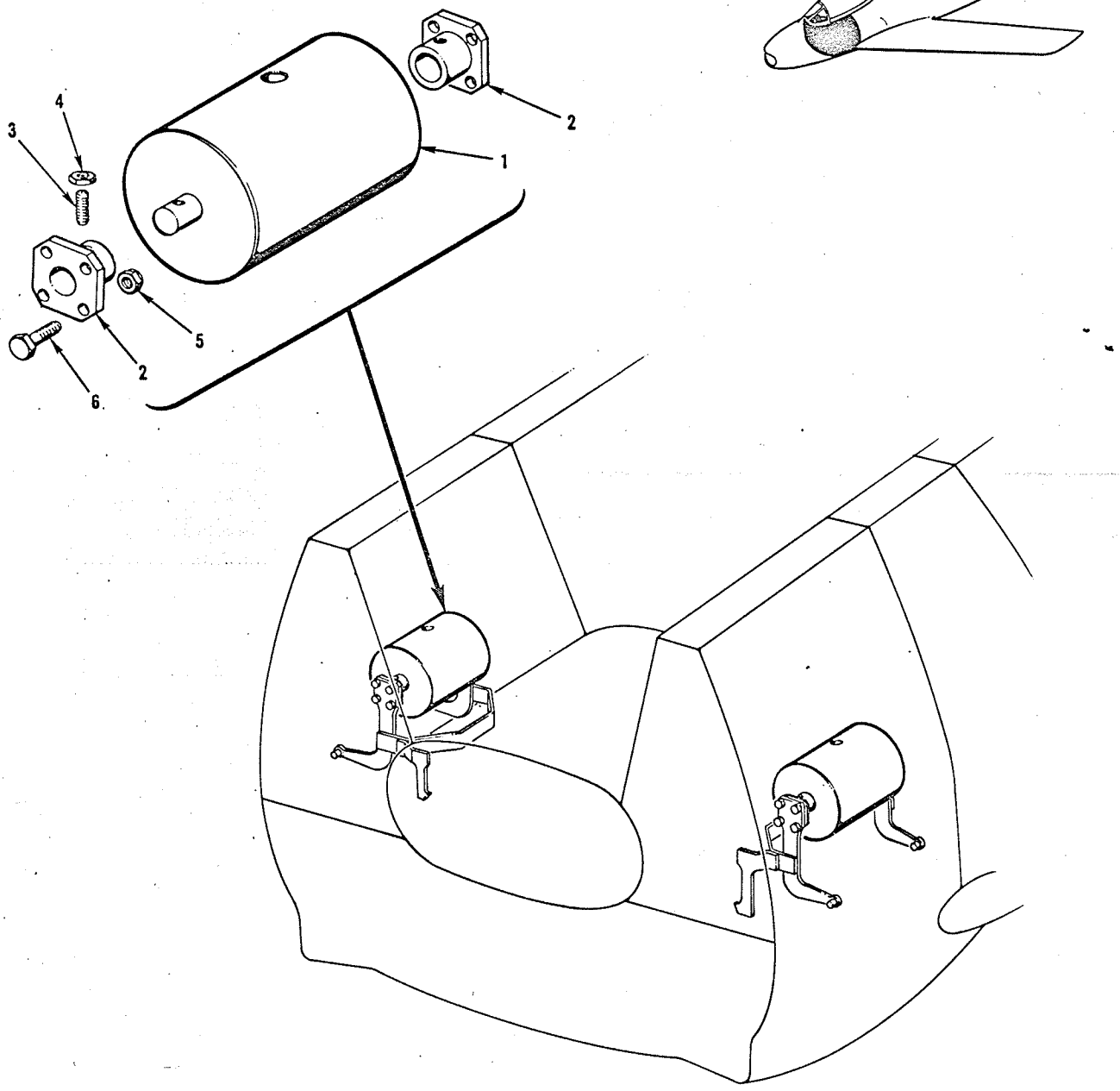
F-86F-4-31-29

FIGURE 163 - GUNSIGHT MOUNT COVER INSTALLATION

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
163	54FED1657	*1	Cover Installation, Mount, Gunsight	NP	
-1	54FED1658		. Cover, Mount Gunsight	1	
-2	AN4-10A		. Bolt	4	
-3	AN960D416		. Washer	4	
-4	AN365-428		. Nut	4	

*1 Used on RF-86F-30 airplanes only



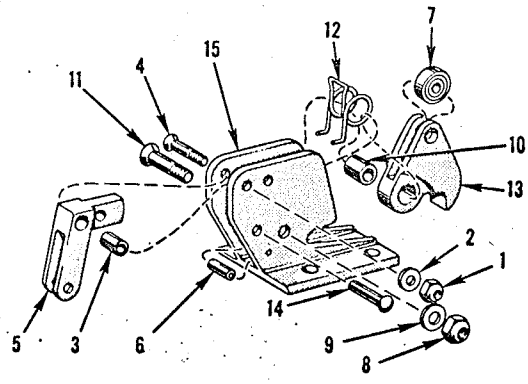


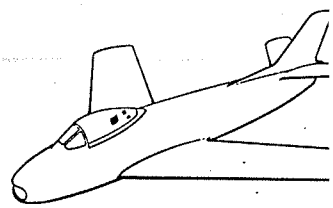
F-86F-4-60-10

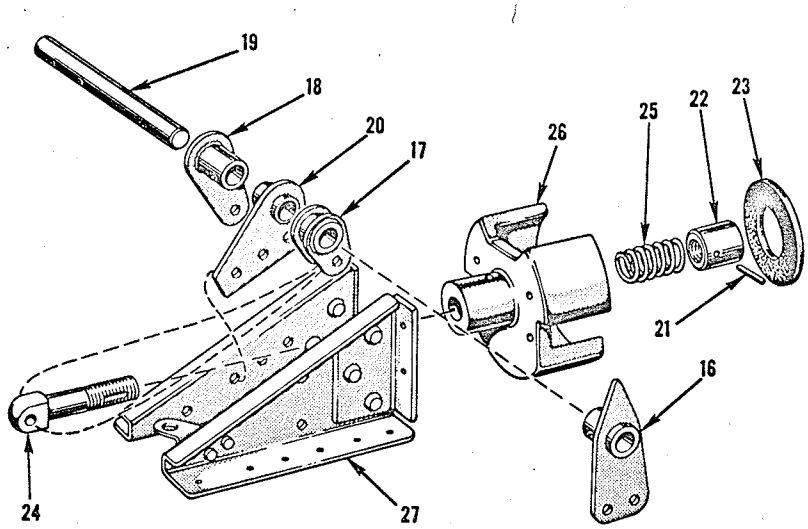
FIGURE 164 - K22 CAMERA COUNTER-WEIGHT

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
164	55FEC1170	*1	Counter-Weight Instl, K22 Camera	NP	
-1	55FEC1171		. Counterweight, K22 Camera	2	
-2	55FEB1172		. Coupling	4	
-3	AN565A524H10		. Set Screw	4	
-4	AN316-5R		. Nut	4	
-5	AN4-11A		. Bolt	16	
-6	AN365-428		. Nut	16	

*1 Used on RF-86F-30 airplanes only







F-86F-4-3

FIGURE 165 - COCKPIT ENCLOSURE CANOPY EJECTION LATCH AND SUPPORT ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
165		COCKPIT ENCLOSURE CANOPY EJECTION LATCH AND SUPPORT ASSEMBLY		
	176-31888-1	. LATCH ASSY, Cockpit enclosure fuselage sta 156 canopy ejection LH (see figure 175 for next assembly)	Ref	A
	176-31888-2	. LATCH ASSY, Cockpit enclosure fuselage sta 156 canopy ejection RH (see figure 175 for next assembly)	Ref	A
	176-31888-11	. LATCH ASSY, Cockpit enclosure fuselage sta 156 canopy ejection LH (see figure 175)	1	*1
	176-31888-12	. LATCH ASSY, Cockpit enclosure fuselage sta 156 canopy ejection RH (see figure 175)	1	*1
-1	AN365-1032	. . NUT	1	A,*1
-2	AN960D10	. . WASHER	1	A,*1
-3	4B21S3-020	. . BUSHING, Spacer (North American)	1	A,*1
-4	AN509-10R21	. . SCREW	1	A,*1
-5	176-31884	. . CAM, Cockpit enclosure fus sta 156 canopy ejection latch	1	A,*1
-6	NAS42DD3-40	. . SPACER, Rivet	1	A,*1
-7	FT3	. . BEARING, Needle (Torrington)	1	A,*1
-8	AN365-524	. . NUT	1	A,*1
-9	AN960D516	. . WASHER	1	A,*1
-10	4B21S5-020	. . BUSHING, Spacer (North Amercian)	1	A,*1
-11	AN509-516R22	. . SCREW	1	A,*1
-12	176-31826	. . SPRING, Cockpit enclosure canopy release mechanism	1	A,*1
-13	176-31883	. . LATCH, Cockpit enclosure fus sta 156 canopy ejection	1	A,*1
-14	AN392-27	. . PIN	1	A,*1
-15	176-31872-1	. . BRACKET, Cockpit enclosure fus sta 156 canopy ejection LH (used on 176-31888-1 only)	1	A
	176-31872-2	. . BRACKET, Cockpit enclosure fus sta 156 canopy ejection RH (used on 176-31888-2 only)	1	A
	176-31872-3	. . BRACKET, Cockpit enclosure fus sta 156 canopy ejection LH (used on 176-31888-11 only)	1	*1
	176-31872-4	. . BRACKET, Cockpit enclosure fus sta 156 canopy ejection RH (used on 176-31888-12 only)	1	*1
	176-31880	. SUPPORT ASSY, Cockpit encl fus sta 136 canopy ejection gun (whn exh use 176-31880-20) (see fig. 175 for next assy)	1	A
	176-31880-20	. SUPPORT ASSY, Cockpit encl fus sta 136 canopy ejection gun (use 176-31880 untl exh) (see fig. 175 for next assy)	Ref	
	176-31880-10	. SUPPORT ASSY, Cockpit encl fus sta 136 canopy ejection gun (see figure 175)	1	*1
-16	176-31876	. . BELLCRANK ASSY, Cockpit enclosure fus sta 136 canopy ejection latch LH	1	A,*1
-17	176-31893	. . BELLCRANK ASSY, Cockpit enclosure fus sta 136 canopy ejection latch (used on 176-31880 only)	1	A
	176-31893-10	. . BELLCRANK ASSY, Cockpit enclosure fus sta 136 canopy ejection latch (used on 176-31880-10 & -20 only)	1	A,*1
-18	176-31875	. . BELLCRANK ASSY, Cockpit enclosure fus sta 136 canopy ejection latch RH	1	A,*1
-19	176-31874	. . SHAFT, Cockpit encl fus sta 136 canopy ejection bellcrank.	1	A,*1
-20	176-31879	. . BEARING ASSY, Cockpit enclosure fus sta 136 canopy ejection release bellcrank		
-21	176-31887	. . PIN, Cockpit encl fus sta 136 canopy ejection latch rel	1	A,*1
-22	176-31885	. . COLLAR, Cockpit enclosure fuselage station 136 canopy ejection latch release	1	A,*1
-23	176-31873	. . PAD, Cockpit enclosure fuselage station 136 canopy ejection support case	1	A,*1
-24	176-31886	. . LINK, Cockpit enclosure fuselage station 136 canopy ejection latch release	1	A,*1
-25	176-31860	. . SPRING, Compression	1	A,*1
-26	176-31871	. . CASE ASSY, Cockpit encl fus sta 136 canopy ejection gun support (whn exh use 176-31871-10)	1	A,*1
	176-31871-10	. . CASE ASSY, Cockpit encl fus sta 136 canopy ejection gun support (use 176-31871 untl exh)	1	A,*1
	4B20B12-028	. . . BUSHING, Press-fit flanged (North American)	1	A,*1
-27	176-31870-21	. . BRACKET ASSY, Cockpit enclosure fus sta 136 canopy ejection gun LH	1	A
	176-31870-22	. . BRACKET ASSY, Cockpit enclosure fus sta 136 canopy ejection gun RH	1	A
	176-31870-11	. . BRACKET ASSY, Cockpit enclosure fus sta 136 canopy ejection gun LH	1	*1
	176-31870-12	. . BRACKET ASSY, Cockpit enclosure fus sta 136 canopy ejection gun RH	1	*1

*1 Used on airplanes 51-2850 thru 51-13129 that have been modified per T. O. 1F-86-161

USEABLE ON CODE: A 51-13130 and subs

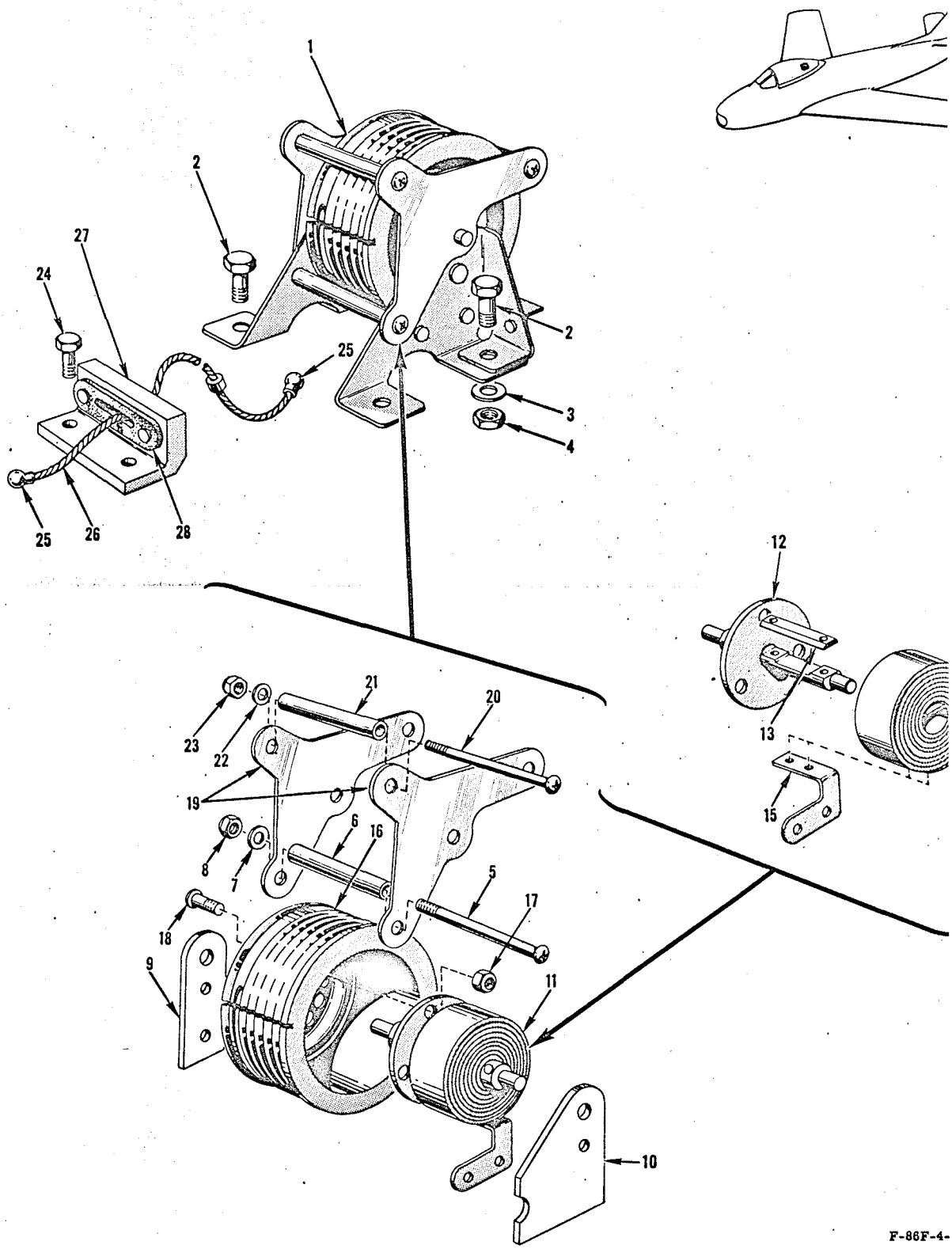


FIGURE 166 - EJECTION GUN SAFETY RELEASE REEL AND CABLE ASSEMBLIES

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
166			EJECTION GUN SAFETY RELEASE REEL AND CABLE ASSEMBLIES		
-1	151-31877-10	*1	. REEL ASSEMBLY, Ejection gun safety release (whn exh use 191-31877) (see figs. 167 & 168 for next assy)	Ref	A
	191-31877	*1	. REEL ASSEMBLY, Ejection gun safety release (use 151-31877-10 untl exh) (see fig. 168 for next assy)	Ref	A
	ATTACHING PARTS				
-2	AN3-3A	*2	. BOLT	4	A
-3	AN960-10	*2	. WASHER	2	A
-4	AN365-1032	*2	. NUT	2	A
		---*---			
-5	AN515-6R40	*1	. . SCREW	1	A
-6	NAS43DD1-128	*1	. . SPACER, Screw	1	A
-7	AN960D6	*1	. . WASHER	1	A
-8	AN365-632	*1	. . NUT	1	A
-9	191-31877-5	*1	. . BEARING, Ejection gun reel shaft	1	A
-10	191-31877-7	*1	. . BEARING, Ejection gun reel shaft	1	A
-11	144-71059-5	*1	. . SHAFT ASSEMBLY, Sense antenna reel	1	A
-12	144-71059-6	*1	. . . SHAFT ASSY, Sense antenna reel braze	1	A
	144-71050	*1	. . . . SHAFT, Sense antenna reel	1	A
	144-71051	*1	. . . . SUPPORT, Sense antenna reel	1	A
-13	144-71062	*1	. . . RETAINER, Sense antenna reel spring	1	A
-14	144-71056	*1	. . . SPRING, Sense antenna reel	1	A
-15	144-71054	*1	. . . CLIP, Sense antenna spring	1	A
-16	151-52502-5	*1	. . DRUM, Trim tab operating	1	A
-17	AN365-1032	*1	. . NUT	3	A
-18	NAS221-10	*1	. . SCREW, Brasier head Phillips recess alloy steel 10-32	3	A
-19	161-31877	*1	. . GUARD ASSEMBLY, Canopy ejection gun safety release reel	1	A
-20	AN515-6R40	*1	. . . SCREW	2	A
-21	NAS43DD1-133	*1	. . . SPACER, Screw	2	A
-22	AN960D6	*1	. . . WASHER	2	A
-23	AN365-632		. . . NUT	2	A
	140-31879	*1	. CABLE ASSEMBLY, Ejection gun pin release (see figs. 167 & 168 for next assembly)	Ref	A
	ATTACHING PARTS				
-24	AN3-4A	*1	. BOLT	2	A
	AN3-3A	*2	. BOLT	2	A
	2W18-10	*2	. WASHER, Flat (North American)	2	A
	AN365-1032	*2	. NUT	2	A
		---*---			
-25	AN664C2		. . TERMINAL	2	A
-26	140-31879-3		. . CABLE ASSEMBLY, Ejection gun pin release	1	A
-27	140-31878		. . STOP ASSEMBLY, Ejection gun release	1	A
-28	140-31878-5		. . . FAIRLEAD, Stop assembly ejection gun release	1	A

*1 Not used on airplanes modified per T. O. 1F-86-227.
*2 Attaching parts are re-installed to plug holes on airplanes modified per T. O. 1F-86-227.

USEABLE ON CODE: A 51-2850 thru 52-5530

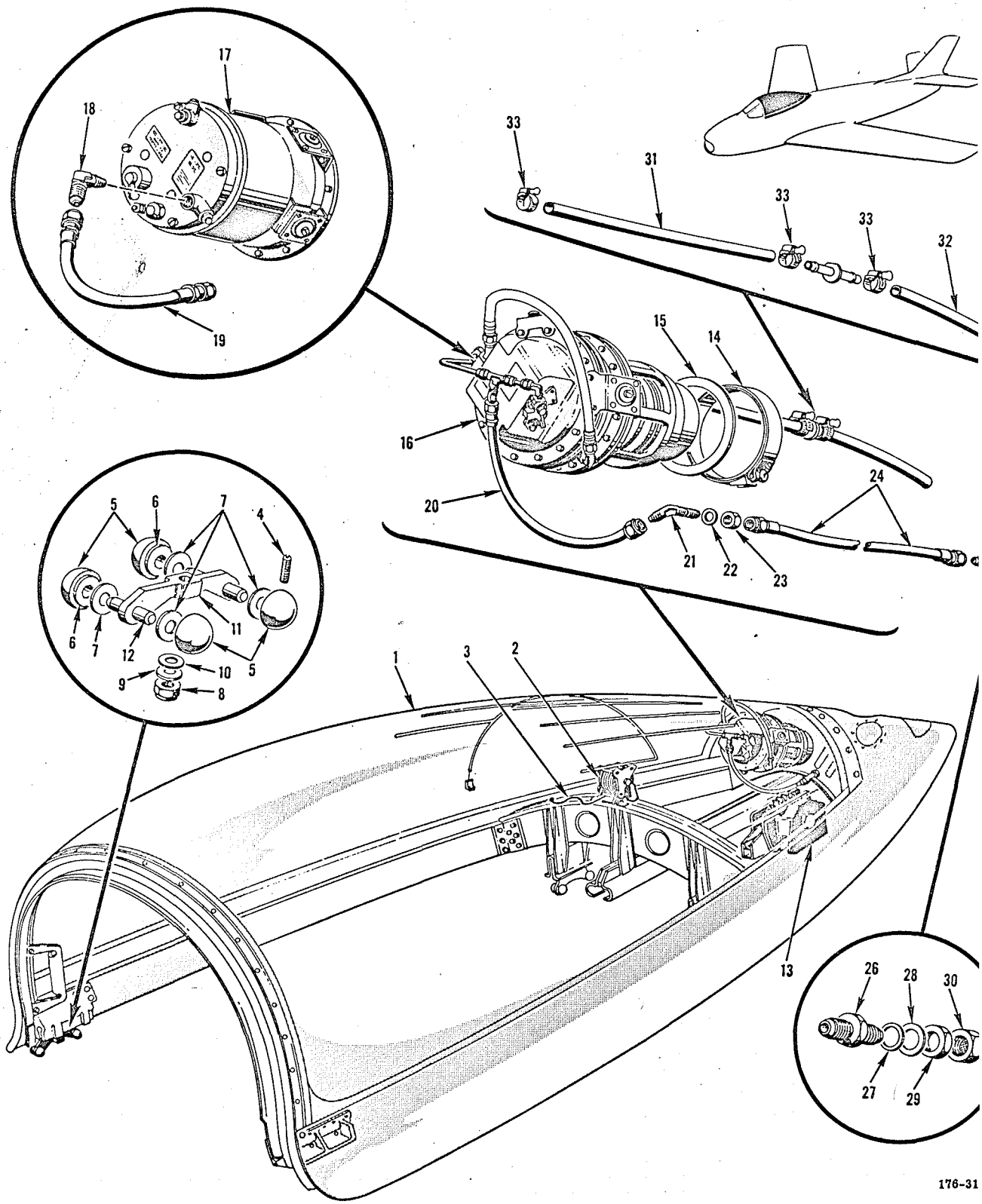


FIGURE 167 - COMPLETE CANOPY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
167	152-31801-40	CANOPY INSTALLATION, (see figure 108 for next assembly)	NP	A,B,*1
	No Number	. SLIDING CANOPY RELEASE MECHANISM, (see figure 173 for breakdown)	NP	A,B
	No Number	. SLIDING CANOPY EMERGENCY MANUAL RELEASE CONTROLS, (see figure 174 for breakdown)	NP	A, B
-1	152-31802-50	. CANOPY ASSY, Cockpit enclosure complete sliding (see figure 170 for breakdown)	1	A
	152-31802-60	. CANOPY ASSY, Cockpit enclosure complete sliding (see figure 170 for breakdown)(whn exh use 152-31802-70)	1	B
-2	151-31877-10	. REEL ASSEMBLY, Ejection gun safety release (see figure 166 for breakdown)	1	A,B*2
-3	140-31879	. CABLE ASSEMBLY, Ejection gun pin release (see figure 166 for breakdown)	1	A,B*2
-4	AN565A2-4	. SCREW	8	A,B
-5	152-31809-7	. ROLLER ASSY, Canopy intermediate truck	8	A,B
-6	4B16RF4-12	. . BEARING, Sintered oil impregnated (North American)	1	A,B
	152-31809-5	. . ROLLER, Canopy intermediate truck	1	A,B
-7	2W1-20-18-16	. WASHER, Plain (North American)	AR	A,B
-8	AN365-428	. NUT	2	A,B
-9	AN960-416L	. WASHER	2	A,B
-10	2W1-20-20-64	. WASHER, Plain (North American)	2	A,B
-11	151-31815	. TRUCK ASSEMBLY, Canopy front	2	A,B
-12	117-31825-9	. . PIN, Cockpit enclosure sliding canopy truck roller	2	A,B
-13	152-31818-30	. GEARBOX ASSY, Canopy (see figure 169 for breakdown)	1	A,B
-14	43688-450	. CLAMP, (Marman)	1	A
	SA4511-8	. . BOLT, "T" (Marman)	1	A
-15	165-53580	. GASKET, Heat and vent system regulator mounting flange	1	A
-16	14840-125500275-1	. REGULATOR ASSEMBLY, Cabin pressure (Airesearch) (use 14840-125500275 until exh) (Airesearch)	1	A
-17	102052-6	. REGULATOR ASSEMBLY, Cabin pressure (Airesearch) (use 102052-1 and 102002-125500275 until exh)(Airesearch)	1	B
-18	AN832-4D	. ELBOW	1	B
-19	AN6270-4-8	. HOSE ASSEMBLY	1	B
-20	AN6270-4-16	. HOSE ASSEMBLY	1	A
-21	AN837-4D	. ELBOW	1	A,B
-22	AN960-716	. WASHER	1	A,B
-23	AN924-4D	. NUT	1	A,B
-24	151-53635-137	. LINE ASSEMBLY, Canopy canted bulkhead station 148.25 to 61.593	1	A,B
-25	151-53567	. FITTING ASSEMBLY, Heat and vent system static line filter	1	A,B
-26	151-53567-3	. . FITTING, Heat and vent system static line filter	1	A,B
-27	AN902-4	. . GASKET	1	A,B
-28	AN960-716L	. . WASHER	1	A,B
-29	AN924-4D	. . NUT	1	A,B
-30	151-53565	. . FILTER ASSY, Heat and vent system static line end cap	1	A,B
-31	AN883-4-34	. HOSE	1	A,B
-32	AN883-4-24	. HOSE	1	A,B
-33	AN737-22	. CLAMP	3	A,B

*1 For airplanes coded 51-13130 and subs see figure 168.
*2 Not used on airplanes modified per T. O. 1F-86-227.

USEABLE ON CODE: A 51-2850 thru 51-2896
B 51-2897 thru 51-13129

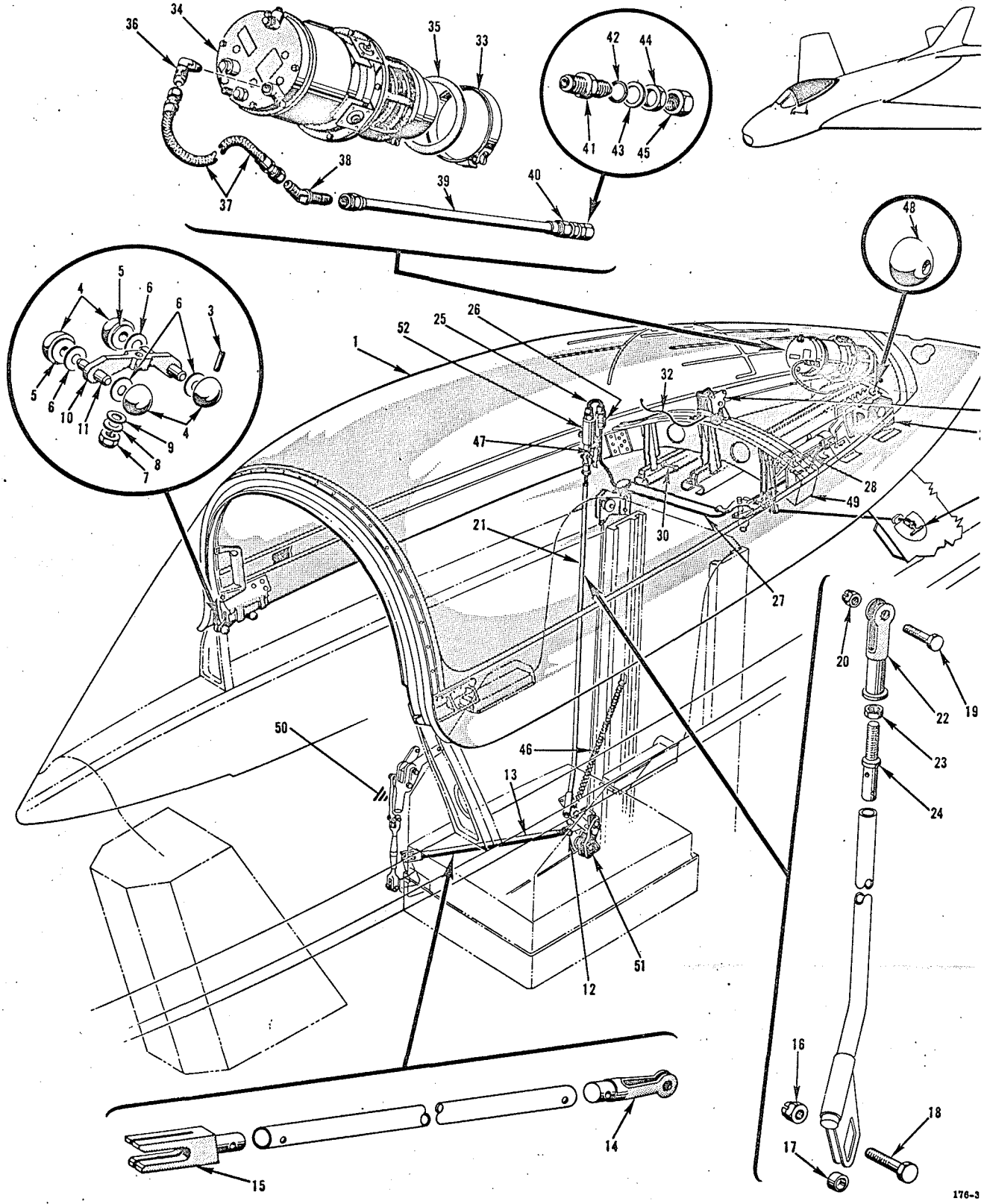


FIGURE 168 - COMPLETE CANOPY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
168	176-31801		CANOPY INSTL, Cockpit enclosure (see figure 108 for next assy) .	NP	A
-1	152-31802-70		. CANOPY ASSY, Cockpit enclosure complete sliding (see . . . . . figure 170 for breakdown) (whn exh use 152-31802-81)	1	A
	152-31802-81		. CANOPY ASSY, Cockpit enclosure complete sliding (see . . . . . figure 170 for breakdown) (use 152-31802-70 untl exh)	1	A
	No Number		. SLIDING CANOPY ALTERNATE EMERGENCY MANUAL RELEASE CONTROLS . . (see fig. 176 for breakdown)	NP	F
-2	No Number		. SLIDING CANOPY EMERGENCY MANUAL RELEASE CONTROLS, ... (see figure 174 for breakdown)	NP	A
-3	AN56A2-4		. SCREW	8	A
-4	152-31809-7		. ROLLER ASSY, Canopy intermediate truck	8	A
-5	4B16RF4-12		. . BEARING, Sintered oil impregnated (North American)	1	A
	152-31809-5		. . ROLLER	1	A
-6	2W1-20-18-16		. WASHER, Plain (North American)	AR	A
-7	AN365-428		. NUT	2	A
-8	AN960-416L		. WASHER	2	A
-9	2W10-6		. WASHER, Plain (North American)	2	A
-10	151-31815		. TRUCK ASSEMBLY, Canopy front	2	A
-11	117-31829-5		. . PIN, Cockpit enclosure sliding canopy truck roller	2	A
-12	AN393-13		. PIN	1	A
	AN960D10L		. WASHER	1	A
-13	151-318137	*4	. TUBE ASSEMBLY, Canopy emergency release	1	B,C
	151-318137-10	*3	. TUBE ASSEMBLY, Canopy emergency release	1	D
-14	AN481-[illegible]P		. . CLEVIS	1	A
-15	202-31[illegible]78	*3	. . FITTING, Cockpit enclosure canopy emer release tube	1	A
-16	AN310-3		. NUT	1	A,*1
-17	NAS43C-6		. SPACER, Screw and bolt	2	A,*1
-18	AN23-9		. BOLT	1	A,*1
-19	AN23-10		. BOLT	1	A,*1
-20	AN310-3		. NUT	1	A,*1
-21	172-31894-10		. TUBE ASSY, Canopy emergency release vertical (use . . . . . 172-31894 untl exh)	1	E,*2
-22	AN486-4		. . CLEVIS	1	E,*1
-23	AN316-4		. . NUT	1	E,*1
-24	1R12-6-49-428		. . RIVETING ROD END, Threaded (North American)	1	E,*1
-25	176-31809		. TUBE ASSY, Canopy jettison firing mechanism	1	A,*1
-26	AN815-4		. UNION	1	A,*1
-27	AN6271-4-44		. HOSE ASSEMBLY	1	A,*1
-28	M1A1		. CANOPY REMOVER ASSY, (GFAE) (AF dwg. CLX11-1) (AERNO 93-350) . (M3 initiator (AF dwg BLX32-1) furnished with M1A1)	1	A
	M1		. EXACTOR, Aircraft canopy remover, (GFAE) (AF dwg. BLX7752) . . (AERNO 93-317) (Formerly Type T1)	1	A
-29	176-31818		. GEARBOX ASSY, Cockpit enclosure canopy release mechanism . . . (see figure 169 for breakdown)	1	A
-30	AN3-25A		. BOLT	1	A
	4S3-10-64		. SPACER, Bolt (North American)	1	A
	AN365-1032		. NUT	1	A
-31	191-31877	*4	. REEL ASSY, Ejection gun safety release (use 151-31877-10 . . . untl exh) (see fig. 166 for breakdown and attachg parts)	1	B
-32	140-31879	*4	. CABLE ASSY, Ejection gun pin release (see figure 166 for . . . breakdown and attaching parts)	1	B
-33	43688-450		. CLAMP, (regulator) (Marman)	1	A
	SA4511-8		. . BOLT, "T" (Marman)	1	A
-34	102052-6		. REGULATOR ASSY, Cabin pressure (Airesearch) (use 102052-1) . . and 102002-125500275 untl exh) (Airesearch)	1	A
-35	165-53580		. GASKET, Heat and vent system regulator mounting flange	1	A
-36	AN823-4D		. ELBOW	1	A
-37	AN6270-4-8		. HOSE ASSEMBLY	1	A
-38	AN837-4D		. ELBOW	1	A
	AN960-716		. WASHER	1	A
	AN924-4D		. NUT	1	A
-39	151-53635-137		. LINE ASSY, Canopy canted bhd sta 148.25 to 161.593	1	A
-40	151-53567		. FITTING ASSY, Heat and vent system static line filter	1	A
-41	151-53567-3		. . FITTING, Heat and vent system static line filter	1	A
-42	AN902-4		. . GASKET	1	A
-43	AN960-716L		. . WASHER	1	A
-44	AN924-4D		. . NUT	1	A
-45	151-53565		. . FILTER ASSY, Heat and vent system static line and cap . . .	1	A
-46	191-31880		. SPRING ASSY, Cockpit enclosure canopy emer release cable . . .	1	E,*2
-47	176-31859		. STREAMER ASSY, Cockpit enclosure canopy initiator safety pin .	1	*1
-48	140-31809-3		. ROLLER, Canopy center and rear track attach	4	A
	AN960-616		. WASHER	AR	A
	AN960-616L		. WASHER	AR	A
-49	152-31804		BEAM ASSY, Canopy cross (see fig. 172)	Ref	
-50	No Number		For this equipment see figure 368.	Ref	
-51	152-31868-20		BRACKET ASSY, Canopy release mech sta 117 9/16 (see fig. 144) . .	Ref	
-52	M3		INITIATOR, (AF dwg BLX32-1) (Formerly Type T4) (furnished . . . . with M1A1 remover assy) (see index No. 28)	Ref	

For airplanes coded 51-2850 thru 51-13129, see figure 167.
*1 Effective on airplanes 51-2850 thru 51-13129 reworked per T. O. 1F-86-161.
*2 Not used on airplanes 51-2850 thru 55-3875 modified per T. O. 1F-86-521.
*3 Used on airplanes modified per T. O. 1F-86-227.
*4 Not used on airplanes modified per T. O. 1F-86-227.

USEABLE ON CODE: A 51-13130 and subs C 53-1072 thru 53-1171 E 51-13130 thru 55-3875
B 51-13130 thru 52-5530 D 53-1172 thru 53-1228 F 55-3876 and subs

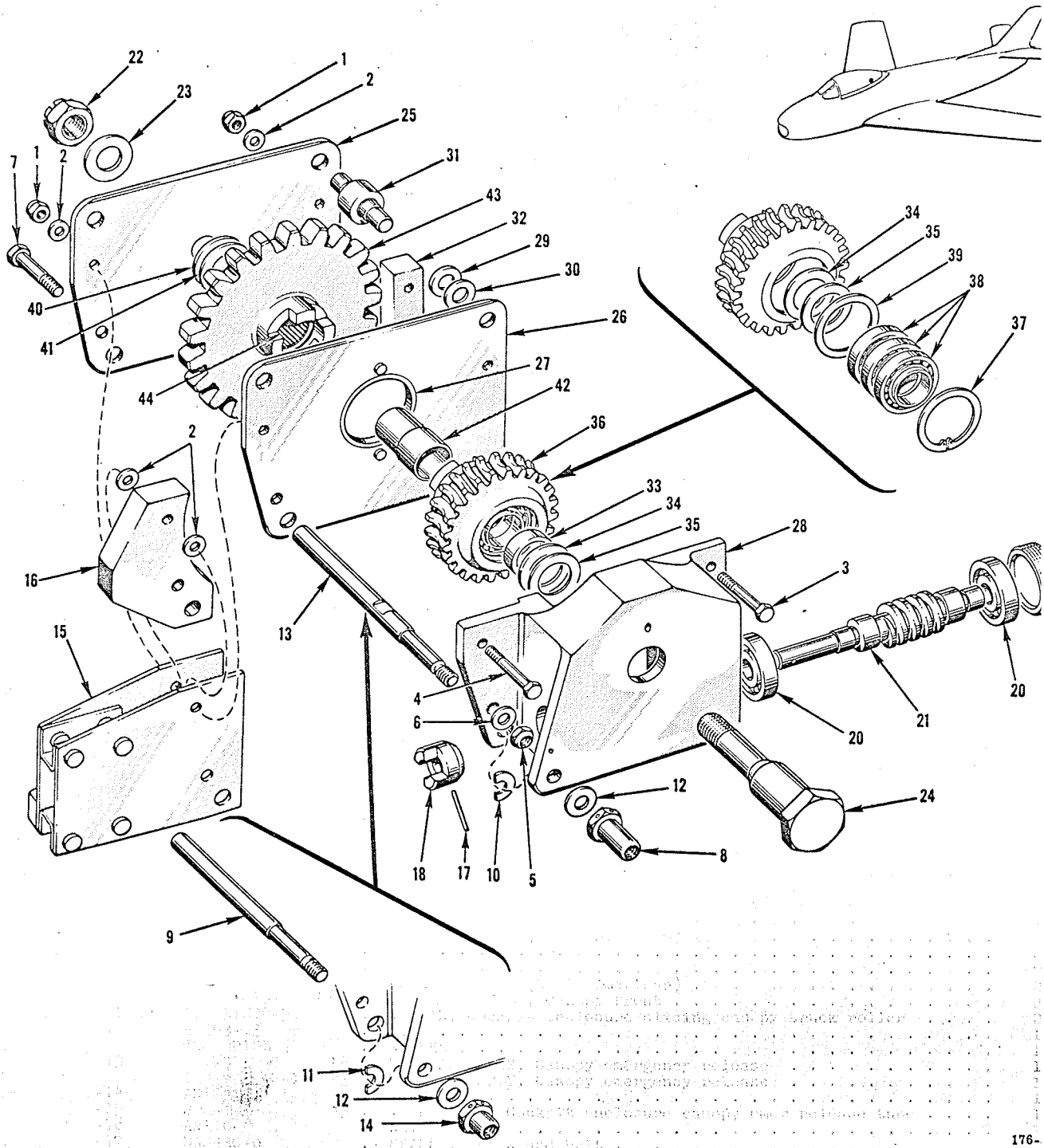


FIGURE 169 - CANOPY RELEASE MECHANISM GEAR BOX ASSEMBLY

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
169	176-31818	GEARBOX ASSY, Cockpit enclosure canopy release mechanism (see figure 168 for next assembly)	Ref	A
	152-31818-30	GEARBOX ASSY, Canopy (see figure 167 for next assembly)	Ref	B*1
-1	AN365-1032	. NUT	3	A,B
-2	AN960-10	. WASHER	7	A,B
-3	AN173-13A	. BOLT	2	A,B
-4	AN173-15A	. BOLT	1	A,B
-5	AN365-428	. NUT	1	A,B
-6	AN960-416	. WASHER	1	A,B
-7	AN4-16A	. BOLT	1	A,B
-8	176-31836	. NUT, Cockpit enclosure canopy gearbox support	1	A,B,*1
-9	161-31835	. BOLT, Canopy gearbox support	1	B*2
-10	176-31818-3	. WASHER, (altered from North American 2W1-16-20-63)	1	A,B,*1
-11	152-31818-5	. WASHER, Plain (altered from North American 2W1-16-20-63)	1	B
-12	2W1-16-20-63	. WASHER, Plain (North American)	1	A,B,*1
-13	176-31835	. BOLT, Cockpit enclosure canopy gearbox support	1	A,B,*1
-14	161-31836	. NUT, Canopy gearbox	1	B*2
-15	152-31826-10	. BRACKET ASSY, Canopy gearbox	1	A,B
-16	152-31827	. BLOCK, Canopy gearbox gun reaction	1	A,B
-17	151-54353-5	. PIN, Canopy electrical actuator coupling	1	A,B
-18	151-54351-10	. COUPLING, Canopy electrical actuator gearbox (use 151-54351 together with 151-54352 until exh, when exh use 151-54351-10 together with 151-54352-10. See figure 303 for 151-54352-10.)	1	A,B
-19	152-31831	. PLUG, Canopy gearbox	1	A,B
-20	MRC200SFF	. BEARING, Press-fit (Marlin-Rockwell)	1	A,B
-21	152-31822	. WORM, Canopy gearbox	1	A,B
-22	AN310-8	. NUT	1	A,B
-23	AN960-816	. WASHER	1	A,B
-24	152-31837	. BOLT, Canopy gearbox connector	1	A,B
-25	152-31829-3	. PLATE, Canopy gearbox	1	A,B
-26	152-31838-7	. PLATE ASSY, Canopy gearbox inner	1	A,B
-27	152-31823	. . BEARING, Canopy	1	A
-28	152-31819-10	. HOUSING, Canopy gearbox	1	A,B
-29	2W1-25-20-32	. WASHER, Plain (North American)	4	A,B
-30	2W1-25-20-10	. WASHER, Plain (North American)	4	A,B
-31	152-31830	. PIN, Canopy gearbox roller	2	A,B
-32	152-31828	. SPACER, Canopy gearbox	1	A,B
-33	152-31832	. SPACER, Canopy gearbox	1	A,B
-34	2W1-50-32-21	. WASHER, Plain (North American)	2	A,B
-35	191-31819	. WASHER, Cockpit enclosure canopy gearbox (use 2W1-50-32-10 until exh)	2	A,B
-36	152-31821	. GEAR ASSEMBLY, Canopy worm	1	A,B
-37	NAS50-118	. . RING, Internal retainer	1	A,B
-38	B539	. . BEARING, (Fafnir)	3	A,B
-39	2W1C60-37-10	. . WASHER, Plain (North American)	AR	A,B
-40	2W1-45-32-21	. WASHER, Plain (North American)	1	A,B
-41	2W1-45-32-10	. WASHER, Plain (North American)	1	A,B
-42	152-31824	. SPACER, Canopy gearbox	1	A,B
-43	152-31820	. GEAR ASSEMBLY, Canopy gearbox spur	1	A,B
-44	B1112X	. . BEARING, (Torrington)	1	A,B

*1 Reworked per T. O. 1F-86-161.
*2 Not used on airplanes 51-2850 thru 51-13129 modified per T. O. 1F-86-161
USEABLE ON CODE: A 51-13130 and subs
B 51-2850 thru 51-12976,
51-13070 thru 51-13129

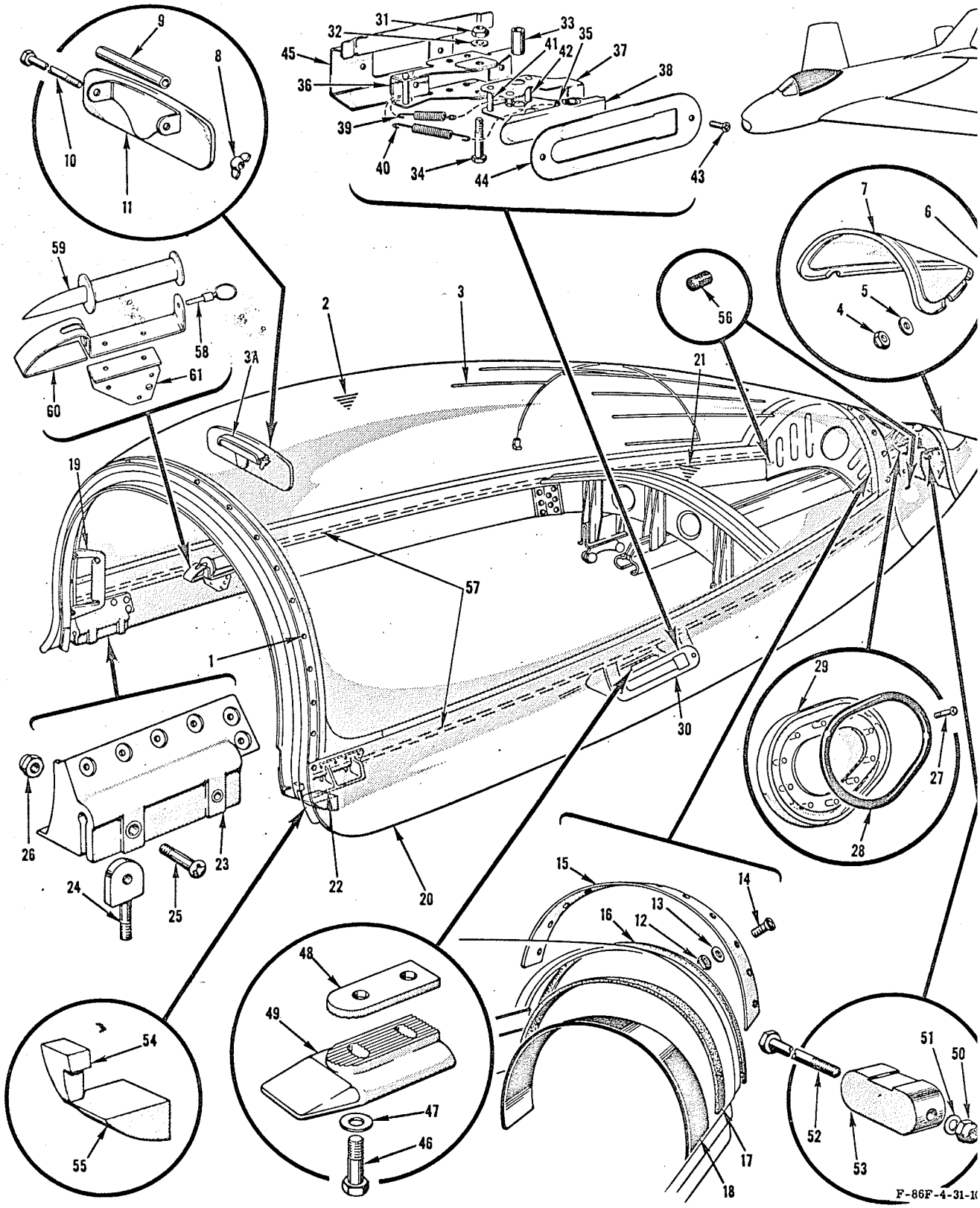


FIGURE 170 - COCKPIT ENCLOSURE COMPLETE SLIDING CANOPY ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
170	152-31802-50	CANOPY ASSEMBLY, Cockpit enclosure complete sliding (see figure 167 for next assembly)	Ref	A
	152-31802-60	CANOPY ASSEMBLY, Cockpit enclosure complete sliding (see figure 167 for next assy) (whn exh use 152-31802-70)	Ref	B
	152-31802-70	CANOPY ASSEMBLY, Cockpit enclosure complete sliding (see figure 168 for next assy) (when exh use 152-31802-81)	Ref	D
	152-31802-81	CANOPY ASSEMBLY, Cockpit enclosure complete sliding (see figure 168 for next assy) (use 152-31802-70 untl exh)	Ref	D
-1	7S16-10-16	. SCREW, 100° flush head corrosion resistant (North American)	20	
	AF955-3	. WASHER	20	
	AN365B1032	. NUT	20	
-2	152-31812-71	. GLASS ASSEMBLY, Canopy (use 152-31812-50 untl exh)	1	
-3	151-71026	. . WIRE ASSEMBLY, Radio compass sense antenna	1	
-3A	152-31812-29	. . BRACKET ASSY, Rear view mirror mtg (on 152-31812-50 only)	1	
	152-31812-67	. . BRACKET ASSY, Rear View mirror mtg (on 152-31812-71 only)	1	
-4	AN365-832	. NUT	4	
-5	2W1AL12-28-32	. WASHER, Plain (North American)	4	
-6	AN507-832-10	. SCREW	4	
-7	140-54010	. LENS ASSY, Fuselage upper position light.	1	
-8	AN350-1032	. NUT	1	
	2W17-10M	. WASHER, (use with 50B6219 type A2 mirror)	1	
-9	4S3-10-96	. SPACER, Bolt (North American) (use with 45B7509 type A1 mirror)	1	
	NAS43DD3-192	. SPACER, Screw and bolt (North American) (use with 50B6219 type A2 mirror)	1	
-10	AN3-37A	. BOLT (use with 45B7509 type A1 mirror)	1	
	NAS501-3-37A	. BOLT (use with 50B6219 type A2 mirror)	1	
-11	50B6219	. MIRROR ASSEMBLY, Rear vision type A2 (use 45B7509 type A1 untl exh)	1	
-12	AN365-1032	. NUT	15	
-13	AN960-10L	. WASHER	15	
-14	AN507-1032R8	. SCREW	15	
-15	152-31802-21	. RETAINER, Glass	1	
-16	152-31802-29	. SEAL, Glass retainer	1	
-17	152-31802-7	. SEAL, Glass retainer	1	
-18	152-31802-39	. SEAL, Glass retainer	1	
	152-31802-5	. FILLER, Canopy enclosure front truck LH	1	
	152-31802-6	. FILLER, Canopy enclosure front truck RH	1	
-19	151-31810	. HANDLE, Canopy manual opening	1	
-20	152-31803-400	. FRAME ASSEMBLY, Canopy	1	A
	152-31803-500	. FRAME ASSEMBLY, Canopy	1	B
	152-31803-600	. FRAME ASSEMBLY, Canopy (used on 152-31802-70 only)	1	D
	152-31803-611	. FRAME ASSEMBLY, Canopy (used on 152-31802-81 only)	1	D
-21	No Number	. . CANOPY FRAME ASSY, (Cont) (see fig. 172 for breakdown)	NP	
-22	140-31811-9	. . FITTING ASSEMBLY, Canopy front truck attaching LH.	1	
-23	140-31811-10	. . FITTING ASSEMBLY, Canopy front truck attaching RH.	1	
-24	170-31838	. . . EYEBOLT, Cockpit canopy front truck (whn exh use 187-31838-11 together with 2W10-6 (North American)	1	
-25	NAS222-20	. . . SCREW, Brazier head Phillips recess alloy steel 1/4-28.	1	
-26	AN365-428	. . . NUT	1	
-27	AN507-1032R18	. . SCREW	10	
-28	152-318113	. . TUBE, Canopy inspection window	1	
-29	152-31803-51	. . WINDOW, Canopy inspection	1	
-30	151-31844-1	. . HANDLE ASSY, Cockpit enclosure canopy LH	1	
	151-31844-2	. . HANDLE ASSY, Cockpit enclosure canopy RH	1	
-31	AN364-1032	. . . NUT	1	
-32	AN960D10L	. . . WASHER	1	
-33	4B19S3-029	. . . BUSHING, Press-fit plain (North American)	1	
-34	AN3-13A	. . . BOLT	1	
-35	AN392-13	. . . PIN	1	
-36	151-31844-3	. . . CHANNEL ASSY, Cockpit encl canopy handle assy	1	
-37	151-31844-5	. . . LATCH ASSY, Cockpit enclosure canopy handle assembly	1	
-38	151-31845	. . . HANDLE, Cockpit enclosure canopy	1	
-39	151-31831	. . . SPRING, Cockpit enclosure canopy handle latch	1	
-40	151-31830	. . . SPRING, Cockpit enclosure canopy handle	1	
-41	151-31846-5	. . . SPACER, Canopy handle latch	1	
-42	151-31846-3	. . . SPACER, Canopy handle latch	1	
-43	AN509-10R8	. . SCREW	4	
-44	151-31847-1	. . COVER ASSY, Canopy handle LH	1	
	151-31847-2	. . COVER ASSY, Canopy handle RH	1	
-45	151-31843-9	. . CHANNEL ASSY, Canopy handle support LH	1	
	151-31843-10	. . CHANNEL ASSY, Canopy handle support RH	1	
-46	AN4-10A	. . BOLT	4	
-47	AN960C416L	. . WASHER	4	
-48	172-31842	. . PLATE, Cockpit canopy retaining shoe	2	
-49	170-31839-10	. . SHOE, Cockpit canopy retaining	2	

(Nomenclature continued on next page)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABL CO
170-50	AN365-524	. .	NUT	1	
-51	AN960D516	. .	WASHER	1	
-52	AN5-30A	. .	BOLT	1	
-53	176-31827	. .	STOP, Cockpit enclosure fuselage sta 161 canopy gearbox	1	
-54	151-31886	.	SUPPORT, Cockpit enclosure bow pressure seal upper	1	
-55	151-31887	.	SUPPORT, Cockpit enclosure bow pressure seal lower	1	
-56	152-31802-49	.	SEAL	2	
-57	152-31802-25	.	ROD, Canopy glass to frame attaching	2	
-58	B409RN	*1	PIN, (Avdel or equiv.)	1	
-59	61D4383-1	*1	TOOL, Canopy breaking	1	
-60	61D4383-2	*1	RETAINER, Canopy breaking tool	1	
-61	64C39533	*1	BRACKET, Canopy breaking tool	1	

*Used on airplanes modified per T.O. 1F-86-598, refer to mod dwg 64F39518.

USEABLE ON CODE: A 51-2850 thru 51-2896
B 51-2897 thru 51-13129
D 51-13130 and subs

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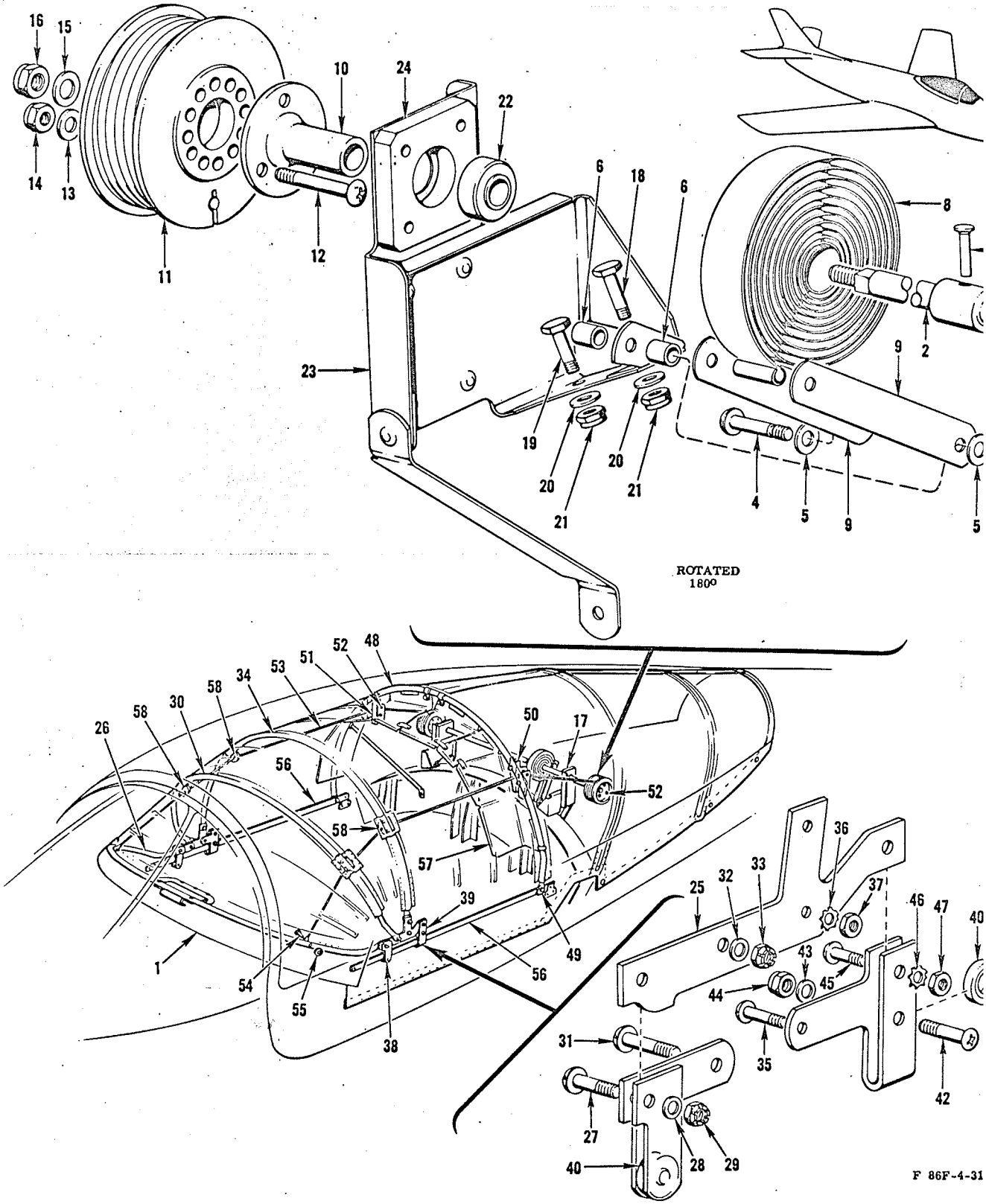

FIGURE 171 - COMPLETE CANOPY ASSEMBLY (MODIFICATION)

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
171	152-318902	CANOPY ASSY, Complete (modification)	1	*1
-1	152-31802-81	. CANOPY ASSY, Cockpit enclosure complete sliding (see fig. 170 for bkdn)	1	*1
-2	202-73062	. SHAFT ASSY, Pilot's hood reel	1	*1
-3	202-73079	. . PIN, Pilot's hood spring retaining	1	*1
-4	AN23-20	. BOLT	2	*1
-5	2W18-10	. WASHER, Flat (North American)	4	*1
-6	NAS43-3-25	. SPACER	2	*1
-7	AN310-3	. NUT	2	*1
-8	202-73069	. SPRING, Pilot's hood reel	1	*1
-9	202-73070	. LINK, Pilot's hood spring attaching	2	*1
-10	202-73063	. FITTING, Pilot's hood cable drum attaching	2	*1
-11	3D1	. DRUM, Cable (North American)	2	*1
-12	NAS221-12	. BOLT	6	*1
-13	2W18-10	. WASHER, Flat (North American)	6	*1
-14	AN365-1032	. NUT	6	*1
-15	2W18-416	. WASHER, Flat (North American)	4	*1
-16	AN365-428	. NUT	2	*1
-17	202-73066-1	. BRACKET ASSY, Pilot's hood reel attaching LH	1	*1
	202-73066-2	. BRACKET ASSY, Pilot's hood reel attaching RH	1	*1
	ATTACHING PARTS			
-18	AN3-5A	. BOLT	1	*1
-19	AN3-4A	. BOLT	1	*1
-20	2W18-10	. WASHER, Flat (North American)	2	*1
-21	AN365-1032	. NUT	2	*1
	---*---			
-22	AN201KP6A	. . BEARING	1	*1
-23	202-73065-1	. . BRACKET ASSY, Pilot's hood bearing LH	1	*1
	202-73065-2	. . BRACKET ASSY, Pilot's hood bearing RH	1	*1
-24	202-73064	. . HOUSING ASSY, Pilot's hood reel bearing	1	*1
	202-73052	. HOOD ASSY, Pilot's	1	*1
-25	202-73059-5	. . SLIDE, Pilot's hood LH	1	*1
	202-73059-6	. . SLIDE, Pilot's hood RH	1	*1
-26	202-73055	. . BOW ASSY, Pilot's hood fwd	1	*1
-27	AN23-18	. . BOLT	2	*1
-28	2W18-10	. . WASHER, Flat (North American)	2	*1
-29	AN310-3	. . NUT	2	*1
-30	202-73053-11	. . BOW ASSY, Pilot's hood intermediate	1	*1
-31	AN23-11	. . BOLT	2	*1
-32	2W18-10	. . WASHER, Flat (North American)	2	*1
-33	AN310-3	. . NUT	2	*1
-34	202-73053-21	. . BOW ASSY, Pilot's hood intermediate	1	*1
-35	AN515-8R10	. . SCREW	4	*1
-36	AN936B8	. . WASHER	4	*1
-37	AN340-832	. . NUT	4	*1
-38	202-73060-11	. . LOOP ASSY, Pilot's hood track slide attaching LH	1	*1
	202-73060-12	. . LOOP ASSY, Pilot's hood track slide attaching RH	1	*1
-39	202-73060-21	. . LOOP ASSY, Pilot's hood track slide attaching LH	1	*1
	202-73060-22	. . LOOP ASSY, Pilot's hood track slide attaching RH	1	*1
-40	202-73077	. . . ROLLER	1	*1
-41	4B21S3-006	. . . BUSHING, Spacer (North American)	1	*1
-42	AN520-10R10	. . . SCREW, (on 202-73060-21 & -22 only)	1	*1
-43	2W18-10L	. . . WASHER, Flat (North American) (on 202-73060-21 & -22 only)	1	*1
-44	AN364-1032	. . . NUT, (on 202-73060-21 & -22 only)	1	*1
-45	AN515-8R8	. . SCREW	2	*1
-46	AN936B8	. . WASHER	2	*1
-47	AN340-832	. . NUT	2	*1
-48	202-73054	. . BOW ASSY, Pilot's hood aft	1	*1
-49	AN515-8R10	. . SCREW	2	*1
	AN936B8	. . WASHER	2	*1
	AN340-832	. . NUT	2	*1
-50	202-73072-3	. . BRACKET ASSY, Pilot's hood pulley LH	1	*1
-51	202-73072-5	. . BRACKET ASSY, Pilot's hood pulley RH	1	*1
	AN219-2	. . . PULLEY	1	*1
-52	NAS427-10K	. . PIN, Pulley guard	2	*1
-53	202-73071	. . CABLE ASSY, Pilot's hood retractor	2	*1
-54	AN392-21	. . PIN	2	*1
-55	2W18-10	. . WASHER, Flat (North American)	4	*1
-56	202-73061-7	. . TRACK, Pilot's hood	2	*1
-57	202-73058	. . SHIELD ASSY, Pilot's hood covering	1	*1
-58	202-73068	. . FAIRLEAD, Pilot's hood cable retaining	4	*1

*1 Used on airplanes 52-5164 thru 52-5271, 53-1072 thru 53-1227 modified per T. O. 1F-86F-507. This instl must be used only with the AN-N9 gun and bomsight camera installed on the airplane in lieu of the AN-N6 camera.

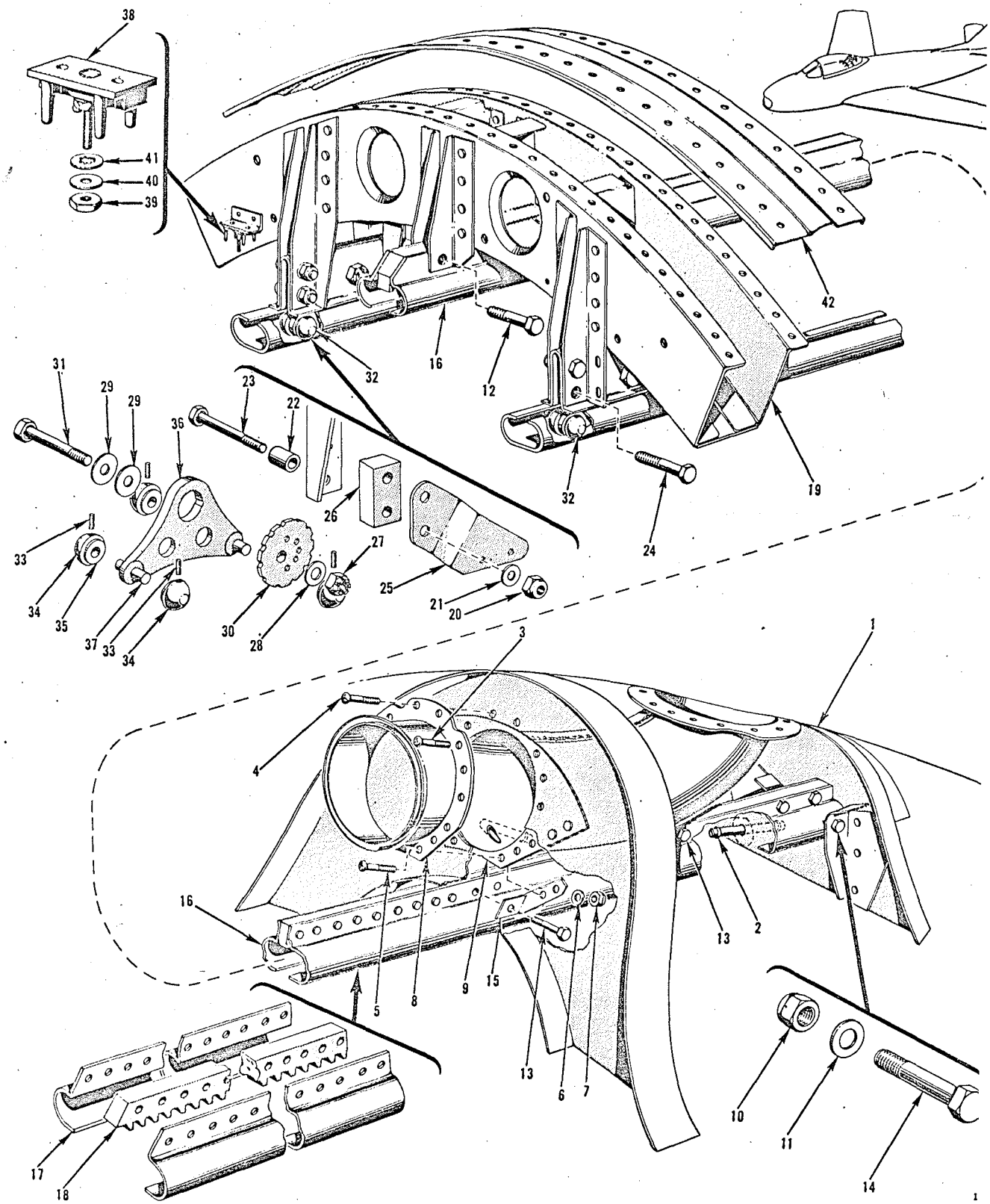

FIGURE 172 - CANOPY FRAME ASSEMBLY (Cont)

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
172	No Number	CANOPY FRAME ASSY (Cont) (see fig. 170 for next assy)	NP	
-1	152-31817	. BULKHEAD ASSEMBLY, Canopy aft	1	
-2	152-53408	. . TUBE ASSY, Heat and vent system cabin pressure drain	1	
-3	AN515-8R10	. SCREW	8	
-4	AN515-8R12	. SCREW	2	
-5	AN515-8R13	. SCREW	4	
-6	AN960D8	. WASHER	14	
-7	AN365-822	. NUT	14	
-8	172-53368	. ADAPTER, Heat and vent system pressure regulator	1	A
	172-53401	. ADAPTER, Heat and vent system pressure regulator	1	D
-9	172-53411	. DUCT ASSY, Heat and vent system regulator exhaust	1	
-10	AN365-1032	. NUT	12	
-11	AN960-10	. WASHER	12	
-12	AN3-12A	. BOLT	4	
-13	AN3-11A	. BOLT	6	
-14	AN3-5A	. BOLT	2	
-15	172-31816-1	. FITTING, Canopy rear track to fwd bhd support LH	1	
	172-31816-2	. FITTING, Canopy rear track to fwd bhd support RH	1	
-16	152-31806-10	. TRACK ASSEMBLY, Canopy rear	1	A,B
	152-31806-20	. TRACK ASSEMBLY, Canopy rear	1	C
-17	152-31815-1	. . TRACK, Canopy rear LH	1	A,B
	152-31815-2	. . TRACK, Canopy rear RH	1	A,B
	152-31815-11	. . TRACK, Canopy rear LH	1	C
	152-31815-12	. . TRACK, Canopy rear RH	1	C
-18	152-31816	. . RACK, Canopy rear track	1	A,B
	152-31816-10	. . RACK, Canopy rear track	1	C
-19	152-31804-40	. BEAM ASSEMBLY, Canopy cross	1	E
	152-31804-51	. BEAM ASSEMBLY, Canopy cross	1	F
-20	AN365-1032	. . NUT	8	
-21	AN960-10	. . WASHER	8	
-22	4S3-10-12	. . SPACER (North American)	8	
-23	83-15A	. . BOLT	2	
-24	83-11A	. . BOLT	6	
-25	151-54088	. . SUPPORT, Elec canopy open limit switch cam	1	
-26	151-54089	. . SPACER, Canopy open limit switch support	1	
-27	AN310-5	. . NUT	2	
-28	AN960-516	. . WASHER	2	
-29	2W1AL22-24-32	. . WASHER, Plain (North American)	AR	
-30	151-31814	. . INSERT, Canopy adjusting bushing	2	
-31	85-11	. . BOLT	2	
-32	152-31808	. . TRUCK ASSY, Canopy intermediate	2	
-33	AN565A2-4	. . . SCREW	4	
-34	152-31809-7	. . . ROLLER ASSY, Canopy intermediate truck	4	
-35	4B16RF4-12	. . . . BEARING, Sintered oil impregnated	1	
-36	152-31813	. . . PLATE ASSEMBLY, Canopy intermediate	1	
-37	117-31825-9	. . . . PIN, Cockpit enclosure sliding canopy truck roller	2	
-38	NAS45-6-1	. . PANEL ASSY, Electrical connector	1	
-39	AN340-6	. . NUT	1	
-40	AN960-6	. . WASHER	1	
-41	AN936A6	. . WASHER	1	
-42	152-31892	. COVER, Canopy front cross beam	1	

USEABLE ON CODE:
A 51-2850 thru 51-2896
B 51-2897 thru 51-12976, 51-13070 thru 51-13129
C 51-13130 and subs
D 51-2897 and subs
E 51-2850 thru 55-3875
F 55-3876 and subs

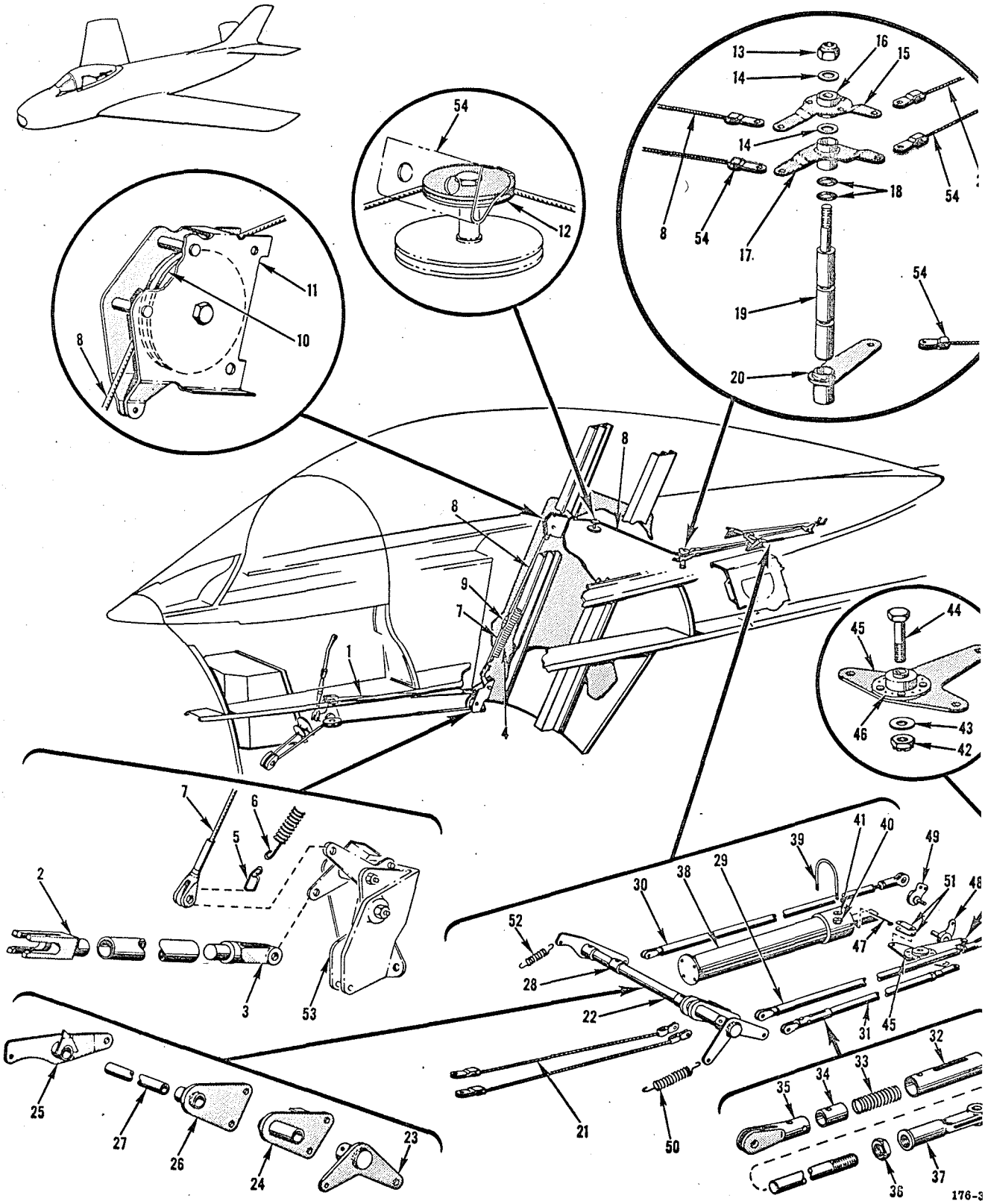

FIGURE 173 - SLIDING CANOPY RELEASE MECHANISM

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
173	No Number	SLIDING CANOPY RELEASE MECHANISM, (see fig. 167 for next assy)	NP	A,*1
-1	151-318137	. TUBE ASSY, Canopy emergency release	1	A,*2
	151-318137-10	. TUBE ASSY, Canopy emergency release	1	A,*3
-2	151-318138	. . FITTING, Canopy emergency release tube	1	A,*2
	202-31878	. . FITTING, Cockpit enclosure canopy emer release tube	1	A,*3
-3	AN481-12P	. . CLEVIS,	1	A
-4	172-31880	. SPRING ASSY, Cockpit enclosure canopy emer release cable	1	A
-5	172-31880-3	. . HOOK, Canopy emergency release cable spring	1	A
-6	140-31049	. . SPRING, Ammo access drop cell	1	A
-7	152-318107-10	. CABLE ASSEMBLY, Canopy emergency lower release	1	A
	AN667-2	. . TERMINAL, (fork)	1	A
	AN669S2LH	. . TERMINAL, (threaded)	1	A
-8	152-318108	. CABLE ASSEMBLY, Canopy emergency upper release	1	A
	RA2500-2	. . FORK, (American Chain and Cable)	1	A
	AN669S2RH	. . TERMINAL, (threaded)	1	A
-9	AN155-8S	. BARREL	1	A
-10	AN210-2A	. PULLEY	1	A
-11	152-31898	. BRACKET ASSY, Fus sta 117 9-10 canopy emer release upper pulley	1	A
-12	AN210-1A	. PULLEY	3	A
-13	AN310-4	. NUT	1	A
-14	AN960-416L	. WASHER	2	A
-15	152-31896	. BELLCRANK ASSEMBLY, Canopy release mechanism	1	A
-16	AN218-4	. . BEARING	1	A
-17	152-31876	. BELLCRANK ASSEMBLY, Canopy release mechanism upper	1	A
-18	AN6227-5	. PACKING	2	A
-19	152-31877	. SHAFT, Canopy release mechanism bellcrank	1	A
-20	152-31878	. BELLCRANK ASSEMBLY, Canopy release mechanism lower	1	A
-21	152-318106	. CABLE ASSEMBLY, Canopy emergency aft release	1	A
	RA2500-2	. . FORK, (American Chain and Cable)	1	A
-22	152-318130-20	. SHAFT ASSEMBLY, Canopy release mechanism torque	1	A
-23	152-31894-20	. . BELLCRANK ASSEMBLY, BP4 3-4 canopy release mechanism torque shaft	1	A
-24	152-31850-20	. . BELLCRANK ASSY, BP3 3-8 canopy rel mech torque shaft	1	A
-25	151-31840	. . BELLCRANK ASSY, Cockpit canopy release mechanism	1	A
-26	152-31886-20	. . BELLCRANK ASSY, BP3 canopy release mech torque shaft	1	A
-27	152-31848	. . SHAFT, Canopy release mechanism torque	1	A
-28	151-31826	. COLLAR, Cockpit canopy release mechanism torque	1	A
-29	152-31871-25	. ROD ASSEMBLY, Canopy release mechanism	1	A
-30	152-31871-23	. ROD ASSEMBLY, Canopy release mechanism	1	A
-31	151-31859	. ROD ASSEMBLY, Cockpit canopy remover release	1	A
-32	152-318121-3	. . CASE, Canopy remover release cable take-up	1	A
-33	152-31879	. . SPRING, Canopy removal release cable	1	A
-34	152-318122-3	. . PLUNGER, Canopy remover release cable take-up	1	A
-35	152-318123	. . CLEVIS, Canopy release mechanism rod	1	A
-36	AN316-4R	. . NUT	1	A
-37	AN486-4	. . CLEVIS	1	A
-38	M1A1	. REMOVER, (GFAE) (Frankford Arsenal, U. S. Army)(AF dwg CLX11-1)	1	A
-39	170-31872	. "U" BOLT, Canopy remover aft support (use 152-31872 untl exh)	1	A
-40	AN365-1032	. NUT	2	A
-41	AN960-10L	. WASHER	2	A
-42	AN310-4	. NUT	1	A
-43	AN960-416	. WASHER	1	A
-44	84-10	. BOLT	1	A
-45	152-31844	. BELLCRANK ASSEMBLY, Canopy remover	1	A
-46	AN218-4	. . BEARING, (intrch wth BPC4W10 Fahlin)	1	A
-47	170-31847	. PIN, Canopy remover (use 152-31847-5 untl exh)	1	A
-48	152-31883	. BELLCRANK ASSEMBLY, Canopy gear box latch left	1	A
-49	152-31884-20	. BELLCRANK ASSEMBLY, Canopy gear box latch right	1	A
-50	134-48239	. SPRING, Wing combat fuel tank retaining hook arm	1	A
-51	152-31845	. LINK, Canopy remover	2	A
-52	151-31849	. SPRING, Cockpit canopy release mechanism	1	A
-53	152-31868-20	BRACKET ASSY, Cockpit release mechanism sta 117 9-16		A
-54	For this equipment see figure 174			

*1 For airplanes reworked per T. O. 1F-86-161 see figures 168 and 175.
*2 Not used on airplanes modified per T. O. 1F-86-227.
*3 Used on airplanes modified per T. O. 1F-86-227.

USEABLE ON CODE: A 51-2850 thru 51-13129

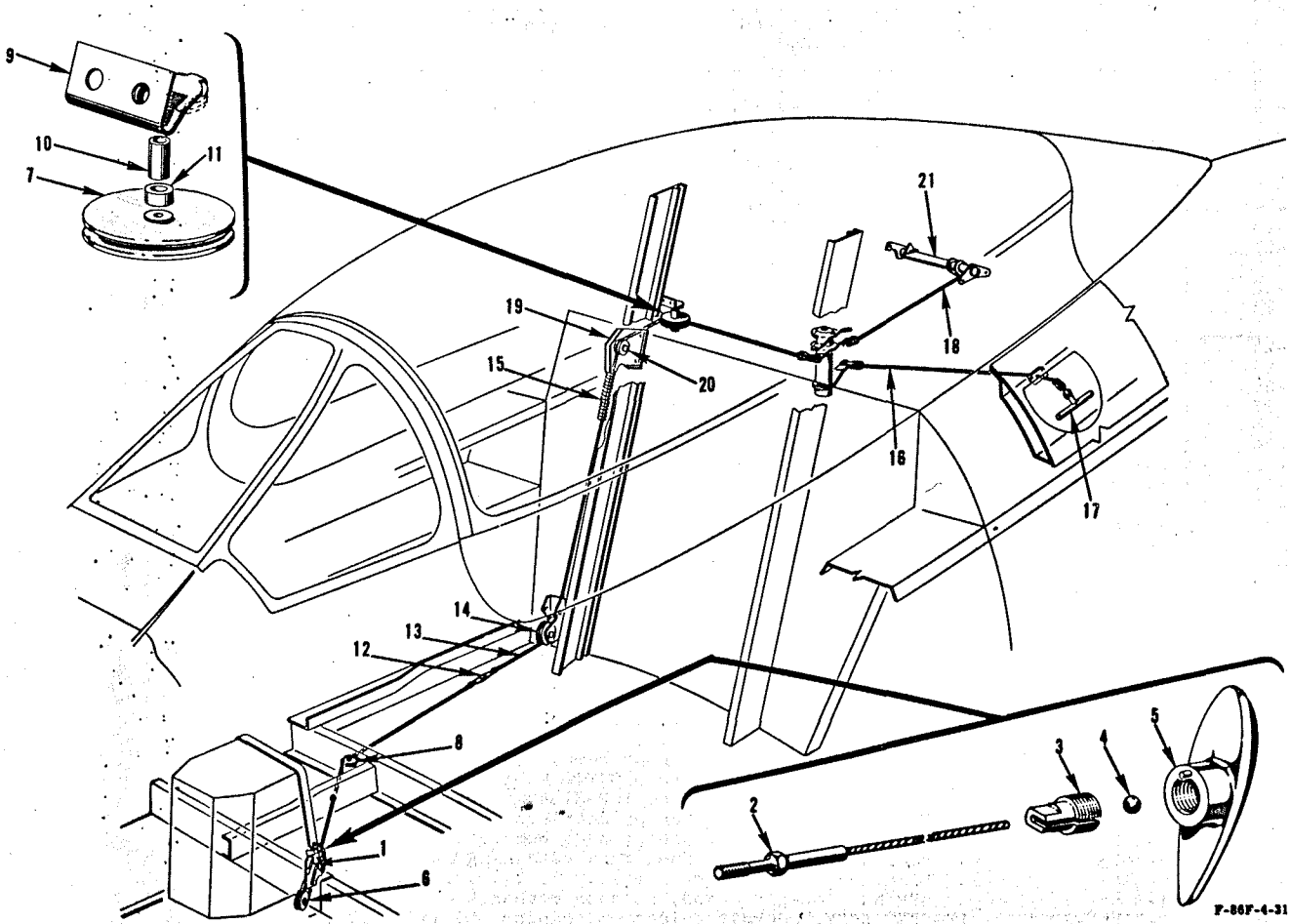

FIGURE 174 - SLIDING CANOPY EMERGENCY MANUAL RELEASE CONTROLS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
174	No Number	SLIDING CANOPY EMERGENCY MANUAL RELEASE CONTROLS, (see figures 167 and 168 for next assembly)	NP	
-1	140-31845-21	. CABLE ASSY, Fus sta 78 to 117.562 canopy emer release	1	
-2	AN669S2LH	. . TERMINAL	2	
-3	151-33619	. . GUIDE, Cable	1	
-4	RA2487-2	. . BALL, (American Chain and Cable)	1	
-5	140-31822-20	. . HANDLE ASSY, Fus sta 78 canopy emergency release inner	1	
-6	AN210-2A	. PULLEY	1	A
	AN210-2B	. PULLEY	1	B
-7	AN210-3A	. PULLEY	1	A
-8	AN210-1A	. PULLEY	1	A
	AN210-1B	. PULLEY	1	B
-9	152-318109-10	. BRACKET, Canopy release mechanism pulley	1	A,*1
-10	152-318102	. BUSHING, Canopy release mechanism pulley	1	A
-11	152-318101	. SPACER, Canopy release mechanism pulley	1	A
-12	AN155-8S	. BARREL	1	
-13	152-31880-20	. CABLE ASSY, Canopy emer release fus sta 117 9/16 upper	1	
	AN669S2RH	. . TERMINAL	1	
	RA2500-2	. . FORK, (American Chain and Cable)	1	
-14	AN210-2B	. PULLEY	1	B
-15	140-31838	. SPRING, Canopy emergency release system return	1	
-16	152-31881	. CABLE ASSY, Canopy outer emer release handle	1	
	RA2500-2	. . FORK, (American Chain and Cable)	2	
	RA2487-2	. . BALL, (American Chain and Cable)	2	
-17	140-31847	. HANDLE ASSEMBLY, Canopy emergency release outer	1	
-18	176-31892	. CABLE ASSY, Cockpit encl fus sta 136 canopy ejection release bellcrank	1	A,B
-19	176-31898	. BRACKET, Cockpit encl fus sta 122 canopy release cable pulley	1	B
	152-31898	. BRACKET ASSY, Fus sta 117.916 canopy emer. release upper pulley	1	A,*1
-20	AN210-1A	. PULLEY	1	A
	AN210-1B	. PULLEY	1	B
-21	152-318130-20	SHAFT ASSY, Canopy release mechanism torque (see figure 173)	Ref	

*1 Reworked per T. O. 1F-86-161

USEABLE ON CODE: A 51-2850 thru 51-13129 per T. O. 1F-86-161 B 51-13130 and subs

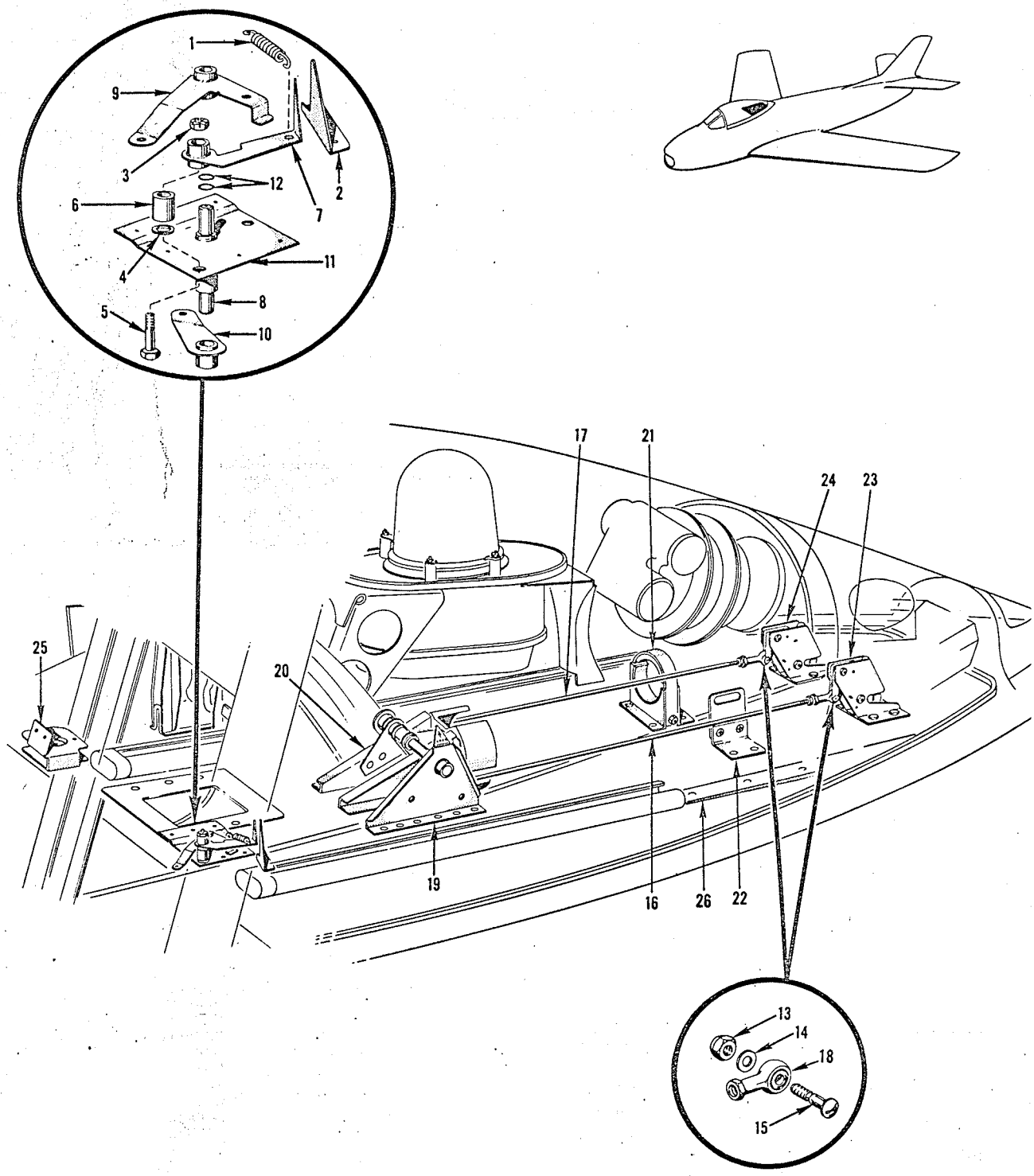

FIGURE 175 - FUSELAGE STATION 123.156 TO STATION 178 DECK MISCELLANEOUS EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
175	No Number	FUSELAGE STATION 123.156 TO 178 DECK MISCELLANEOUS EQUIPMENT . . (see figure 177 for next assembly)	NP	
-1	142-68019	. SPRING, Tension	1	A,*1
-2	176-31891	. INDICATOR, Cockpit encl fus sta 126 canopy ejection lock	1	A,*1
-3	AN320-4	. NUT	1	A,*1
-4	AN960D416L	. WASHER	1	A,*1
-5	AN4-12	. BOLT	1	A,*1
-6	4B21B4-021	. BUSHING, Spacer (North American)	1	A,*1
-7	176-31890	. LOCK ASSY, Cockpit encl fus sta 126 canopy electrical	1	A,*1
-8	176-31877	. SHAFT, Cockpit encl fus sta 126 canopy release mech bellcrank	1	A,*1
-9	176-31889	. BELLCRANK ASSY, Cockpit enclosure fuselage station 126.812 canopy ejection lock	1	A,*1
-10	152-31878-10	. BELLCRANK ASSY, Canopy release mechanism lower	1	A
-11	152-31870-10	. BEARING ASSEMBLY, Canopy release mechanism bellcrank	1	A
-12	AN6227-5	. PACKING	2	A
-13	AN364-428	. NUT	2	A,*1
-14	AN960D416	. WASHER	2	A,*1
-15	AN24-13A	. BOLT	2	A,*1
-16	176-31882	. ROD ASSY, Cockpit encl fus sta 156 canopy ejection latch LH	1	A,*1
-17	176-31881	. ROD ASSY, Cockpit encl fus sta 156 canopy ejection latch RH	1	A,*1
-18	HF4	. . ROD END, (Heim)	1	A,*1
	1R11-8-.049-428	. . ROD END, Knurled threaded (North American)	1	A,*1
-19	176-31897-10	. BRACKET ASSY, Cockpit encl canopy release mech torque shaft	1	A,*1
	176-31832	. . MARKER, Cockpit encl fus sta 136 canopy ejection release mechanism lock	1	A,*1
	176-31880	. SUPPORT ASSY, Cockpit encl fus sta 136 canopy ejection gun (whn exh use 176-31880-20) (see fig. 165 for breakdown)	1	A
-20	176-31880-20	. SUPPORT ASSY, Cockpit encl fus sta 136 canopy ejection gun (use 176-31880 until exh) (see fig. 165 for breakdown)	1	A
	176-31880-10	. SUPPORT ASSY, Cockpit encl fus sta 136 canopy ejection gun (see fig. 165 for breakdown)	1	*1
-21	176-31895	. CLAMP ASSY, Cockpit encl fus sta 150 canopy ejection remover	1	A,*1
-22	176-31837-10	. SUPPORT ASSY, Cockpit encl canopy release extractor	1	A,*1
-23	176-31888-1	. LATCH ASSY, Cockpit encl fus sta 156 canopy ejection LH (see figure 165 for breakdown)	1	A
-24	176-31888-2	. LATCH ASSY, Cockpit encl fus sta 156 canopy ejection RH (see figure 165 for breakdown)	1	A
	176-31888-11	. LATCH ASSY, Cockpit encl fus sta 156 canopy ejection LH (see figure 165 for breakdown)	1	*1
	176-31888-12	. LATCH ASSY, Cockpit encl fus sta 156 canopy ejection RH	1	*1
-25	176-31894	. BRACKET, Cockpit encl fus sta 124 canopy release cable pulley	1	A
-26	176-31864-3	. RAMP, Cockpit encl fus sta 148 canopy interm truck left side	1	A
	176-31864-5	. RAMP, Cockpit encl fus sta 148 canopy interm truck right side	1	A

*1 Used on airplanes 51-2850 thru 51-13129 that have been modified per T. O. 1F-86-161.

USEABLE ON CODE: A 51-13130 and subs.

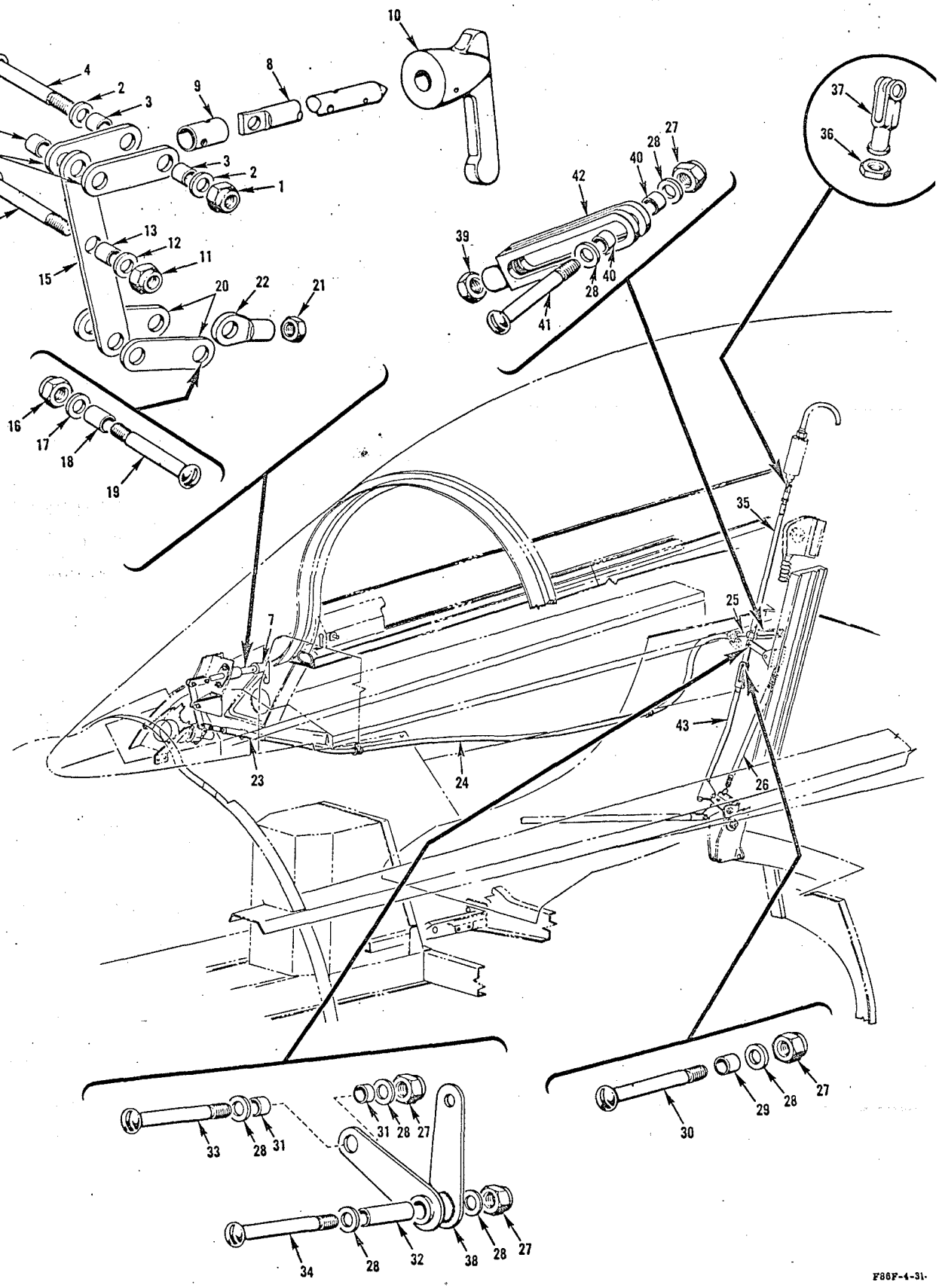

FIGURE 176 - SLIDING CANOPY ALTERNATE EMERGENCY MANUAL RELEASE CONTROLS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
176	No Number		SLIDING CANOPY ALTERNATE EMERGENCY MANUAL RELEASE CONTROLS, (see figure 168 for next assembly)	NP	A
-1	AN365-1032	.	NUT	4	A
-2	2W18-10	.	WASHER, Flat (North American)	4	A
-3	NAS43-3-6	.	SPACER, Screw and bolt	2	A
-4	AN23-11A	.	BOLT	2	A
-5	NAS43-3-16	.	SPACER, Screw and bolt	1	A
-6	227-31836-5	.	LINK, Cockpit enclosure alternate canopy remover system	2	A
-7	227-31833	.	HANDLE, Cockpit encl alternate canopy remover system assembly of	1	A
-8	227-31833-3	. .	ROD, Cockpit encl alternate canopy remover (whn exh use 5H3-15 North American)	1	A
-9	NAS43-6-100	. .	SPACER, Screw and bolt	1	A
-10	227-31832	. .	HANDLE, Cockpit encl alternate canopy remover system	1	A
-11	AN365-1032	.	NUT	1	A
-12	2W18-10	.	WASHER, Flat (North American)	2	A
-13	NAS43-3-8	.	SPACER, Screw and bolt	1	A
-14	AN23-11A	.	BOLT	1	A
-15	227-31837	.	ARM, Cockpit enclosure alternate canopy remover system	1	A
-16	AN365-1032	.	NUT	2	A
-17	2W18-10	.	WASHER, Flat (North American)	4	A
-18	NAS43-3-8	.	SPACER, Screw and bolt	2	A
-19	AN23-11A	.	BOLT	2	A
-20	227-31836-7	.	LINK, Cockpit enclosure alternate canopy remover system	2	A
-21	AN315-3R	.	NUT	1	A
-22	227-31834	.	TERMINAL, Cockpit enclosure alternate canopy remover system forward cable	1	A
-23	C10583-8	.	SLIDING ASSEMBLY, (Teleflex)	1	A
-24	227-31844-3	*1 .	CONDUIT, Cockpit encl alternate canopy remover system	1	A
-25	B10582-580	.	CABLE, Cockpit encl alternate canopy remover sys (airsupply)	1	A
-26	191-31880-11	.	SPRING, Cockpit enclosure alternate canopy remover system	1	A
-27	AN365-1032	.	NUT	4	A
-28	2W18-10	.	WASHER, Flat (North American)	8	A
-29	NAS43-3-8	.	SPACER, Screw and bolt	1	A
-30	AN23-13	.	BOLT	1	A
-31	NAS43-3-10	.	SPACER, Screw and bolt	2	A
-32	NAS43-3-62	.	SPACER, Screw and bolt	1	A
-33	AN23-11A	.	BOLT	1	A
-34	AN23-22A	.	BOLT	1	A
-35	227-31838	.	TUBE, Cockpit enclosure upper alternate canopy remover system initiator assy of	1	A
-36	AN316-4	.	NUT	1	A
-37	AN486-4	.	CLEVIS	1	A
-38	227-31842	.	BELLCRANK, Cockpit enclosure alternate canopy remover system aft assy of	1	A
-39	AN315-3R	.	NUT	1	A
-40	NAS43-3-10	.	SPACER, Screw and bolt	2	A
-41	AN23-12A	.	BOLT	1	A
-42	227-31835	.	TERMINAL, Cockpit encl alternate canopy remover system aft cable	1	A
-43	227-31839	.	TUBE, Cockpit enclosure alternate canopy remover system lower assembly of	1	A

USEABLE ON CODE: A 55-3876 and subs & airplanes 51-2850 thru 55-3875 modified per T. O. 1F-86F-521

*1 Use 227-31844 until exh.

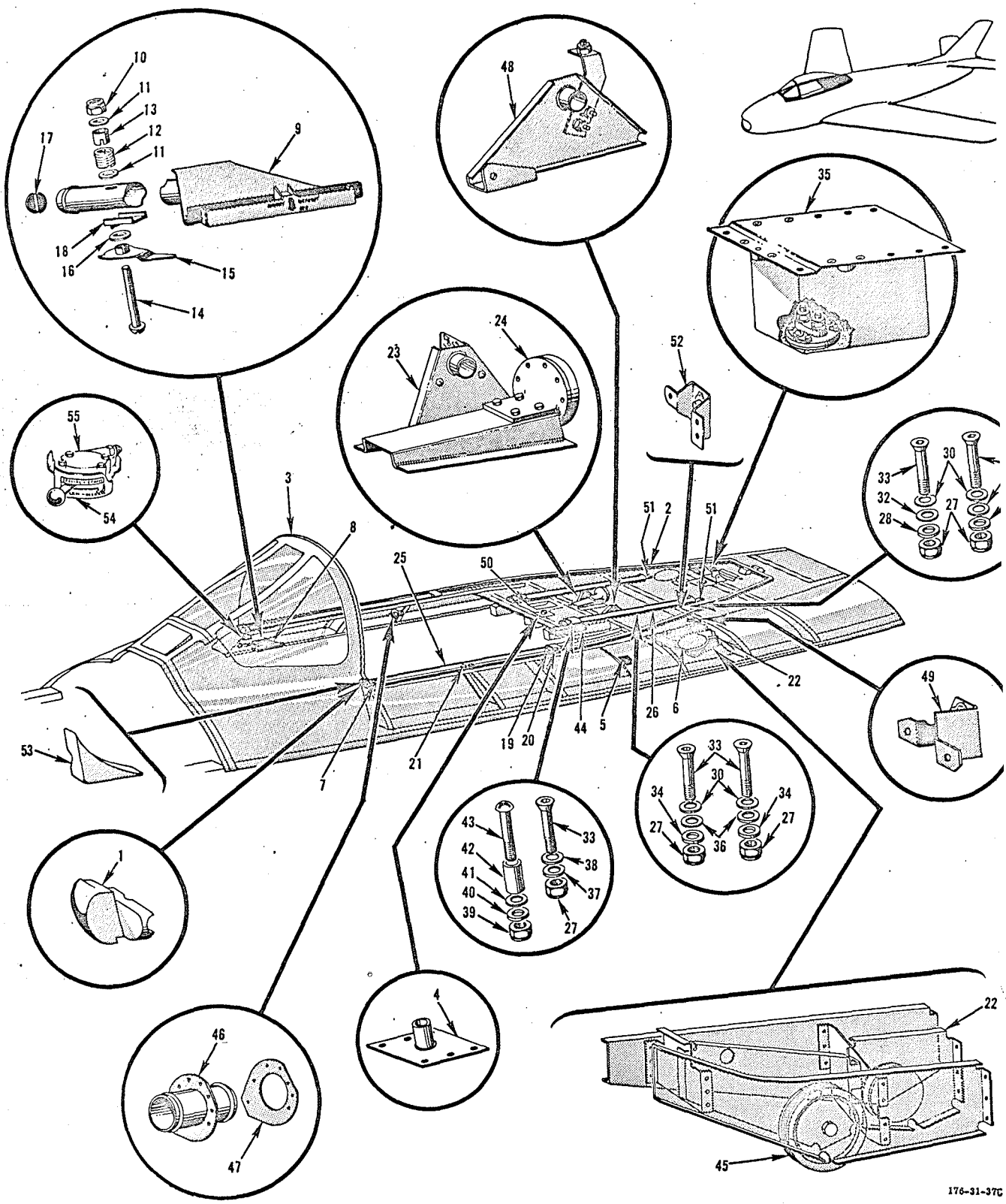

FIGURE 177 - FUSELAGE STATION 53.5 TO 178 DECK AND WINDSHIELD ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE COD
177	172-31151		DECK AND WINDSHIELD ASSY, Fus sta 53.5 to 178 (see figure 112 for next assembly)	Ref	
	No Number		. FUSELAGE STATION 123.156 TO 178 DECK MISCELLANEOUS EQUIPMENT, (see figure 178 for breakdown)	NP	
-1	151-31832-11		. SUPPORT, Canopy front track attaching LH	1	
	151-31832-12		. SUPPORT, Canopy front track attaching RH	1	

FUSELAGE (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
177-2	151-31833-10		.						SEAL ASSEMBLY, Cockpit enclosure inflatable	1	
-3	172-31861-20		.						WINDSHIELD ASSY, Cockpit encl complete (see figure 161 for breakdown)	1	A
	172-31861-30		.						WINDSHIELD ASSY, Cockpit encl complete (whn exh use 172-31861-40) (see fig. 161 for breakdown)	1	B
	172-31861-40		.						WINDSHIELD ASSY, Cockpit enclosure complete (use 172-31861-30 until exh) (see fig. 161 for breakdown)	1	B
	172-31861-50		.						WINDSHIELD ASSY, Cockpit enclosure complete (see figure 161 for breakdown)	1	C
	172-31861-51		.						WINDSHIELD ASSY, Cockpit enclosure complete (see fig. 161)	1	D
	172-31861-61		.						WINDSHIELD ASSY, Cockpit enclosure complete (see fig. 161)	1	E
	172-31861-71		.						WINDSHIELD ASSY, Cockpit enclosure complete (see fig. 161)	1	F
-4	152-31870		.						BEARING ASSEMBLY, Canopy release mechanism bellcrank	1	
-5	140-31269		.						DOOR ASSEMBLY, Inspection	2	
	140-31271		.	.					SPRING, Inspection door	2	
-6	140-31848-10		.						DOOR ASSY, Canopy emer rel outer handle (use 140-31848 until exh)	1	
-7	170-31841-3		.						WASHER, Cockpit canopy front sliding track LH and RH	2	
-8	152-53528-61	*1	.						OUTLET ASSY, Heat and vent sys canopy defroster valve	1	
-9	152-53528-29		.	.					OUTLET, Heat and vent sys canopy defrost valve	1	
-10	AN364D832		.	.					NUT	1	
-11	AN960-516L		.	.					WASHER	2	
-12	152-53522		.	.					SPRING, Heat and vent system air valve	1	
-13	152-53525-5		.	.					HUB, Heat and vent sys canopy defroster valve	1	
-14	AN515-8-27		.	.					SCREW	1	
-15	152-53527		.	.					ARM ASSY, Heat and vent system canopy defroster valve	1	
-16	AN960-616L		.	.					WASHER	1	
-17	152-53524		.	.					BUTTERFLY, Heat and vent sys canopy defroster valve	1	
-18	152-53521		.						FITTING, Heat and vent system canopy defrost valve	1	
-19	170-31841-11		.						WASHER, Cockpit canopy front sliding track LH and RH	2	
-20	170-31841-13		.						WASHER, Cockpit canopy front sliding track LH and RH	2	
-21	170-31841-5		.						WASHER, Cockpit canopy front sliding track LH	2	
	170-31841-9		.						WASHER, Cockpit canopy front sliding track RH	1	
	170-31841-7		.						WASHER, Cockpit canopy front sliding track RH	1	
-22	170-52020		.						BRACKET ASSY, Horizontal stabilizer control fuselage station 133 1/2 to 144 5/8 pulley	1	
	AN210-2A		.	.					PULLEY	1	
-23	152-31839-20		.						BRACKET ASSEMBLY, Canopy remover gun attaching	1	
-24	152-31840		.	.					BASE, Canopy remover gun attaching	1	
-25	152-31805-11		.						TRACK ASSEMBLY, Sliding canopy front LH	1	
	152-31805-12		.						TRACK ASSEMBLY, Sliding canopy front RH	1	
-26	152-31893		.						TRACK ASSEMBLY, Canopy front cross beam	2	
-27	AN365-524		.						NUT	14	
-28	AN960-516		.						WASHER	4	
-29	151-31425-17		.						WASHER, Front sliding canopy track	2	
-30	2W10-5		.						WASHER, Countersunk (North American)	7	
	2W1AL22-20-40		.						WASHER, Plain (aft right side) (North American)	1	
-31	NAS335A11		.						BOLT, 100° close tolerance high strength 5/16-24	2	
-32	151-31425-15		.						WASHER, Front sliding canopy track	2	
-33	NAS335A10		.						BOLT, 100° close tolerance high strength 5/16-24	12	
-34	AN960C516L		.						WASHER	4	
-35	176-54083		.						PAN ASSY, (elec) Canopy open limit sw (use 151-54083 until exh)	1	
-36	151-31425-11		.						WASHER, Front sliding canopy track	4	
-37	AN960-516		.						WASHER	2	
-38	2W1AL22-20-64		.						WASHER, Plain (North American)	6	
-39	AN365-428		.						NUT	2	
-40	AN960-416		.						WASHER	2	
-41	2W1AL17-20-40		.						WASHER, Plain (North American)	2	
	2W1AL17-20-64		.						WASHER, Plain (North American)	2	
-42	4S4-8-27		.						SPACER, Rivet (North American)	2	
-43	NAS222-30		.						SCREW, Brazier head Phillips recess alloy steel 1/4-28	2	
	152-31420-1		.						INTERCOSTAL ASSY, Fus sta 123.156 to sta 133.5 deck LH	1	
	152-31420-22		.						INTERCOSTAL ASSY, Fus sta 123.156 to sta 133.5 deck RH	1	
-44	152-31810		.						SUPPORT, Canopy cross beam track	2	
	170-522109		.						BRACK ASSY, Horizontal stab. control fus sta 155.750	2	
-45	AN210-1B		.	.					PULLEY	1	
	151-31406-11		.						FRAME ASSY, Fuselage sta 113 1/2 upper side LH	1	
	151-31406-12		.						FRAME ASSY, Fuselage sta 113 1/2 upper side RH	1	
-46	151-53481		.	.					TUBE ASSY, Heat and vent sys cockpit press. and vent	1	
-47	140-53386		.	.					GASKET, Heat and vent sys cockpit press. and vent bhd seal	1	
-48	152-31841-20		.						BRACKET ASSY, Canopy release mech torque shaft	1	
-49	172-54178		.						BRACKET ASSY, Elec fus sta 144.6 3-phase inverter support	1	
	99833P.130		.	.					RECEPTACLE, (United-Carr)	1	
	140-54008		.	.					PANEL ASSY, Electrical connector pressure	1	
	151-54010		.	.					GASKET, Electrical connector pressure panel	1	
-50	172-53344		.						PAN, Heat and vent system pressure switch	1	
-51	172-31893		.						RISER, Cockpit enclosure fus sta 146 canopy truck	2	
	170-31408-35		.						FRAME ASSY, Fuselage station 144.625 upper	1	
-52	172-54177		.	.					BRACKET ASSY, Elec fus sta 144.6 3-phase inverter support.	1	
-53	151-31888-1		.						SUPPORT, Windshield bow cockpit encl pressure seal LH	1	
	151-31888-2		.						SUPPORT, Windshield bow cockpit encl pressure seal RH	1	
-54	191-63724	*2	.						CONTROL BOX ASSY, Special stores disarm (see fig. 486)	1	G
-55	C8331	*2	.	.					BOX ASSEMBLY, Control teleflex (Teleflex)	1	G

*1 Use 152-53529-51 until exh. *2 Not used on airplanes modified per T. O. 1F-86F-518

USEABLE ON CODE:
A 51-2850 thru 51-2843
B 51-12936 thru 52-5163,
B 52-5272 thru 52-5530
C 52-5164 thru 52-5271,
53-1072 thru 53-1228
D 55-3816 thru 55-3830
E 55-3831 thru 55-3875
F 55-3876 and subs
G 52-5164 thru 52-5271,
53-1072 thru 55-3875

FUSELAGE INSTRUMENTS

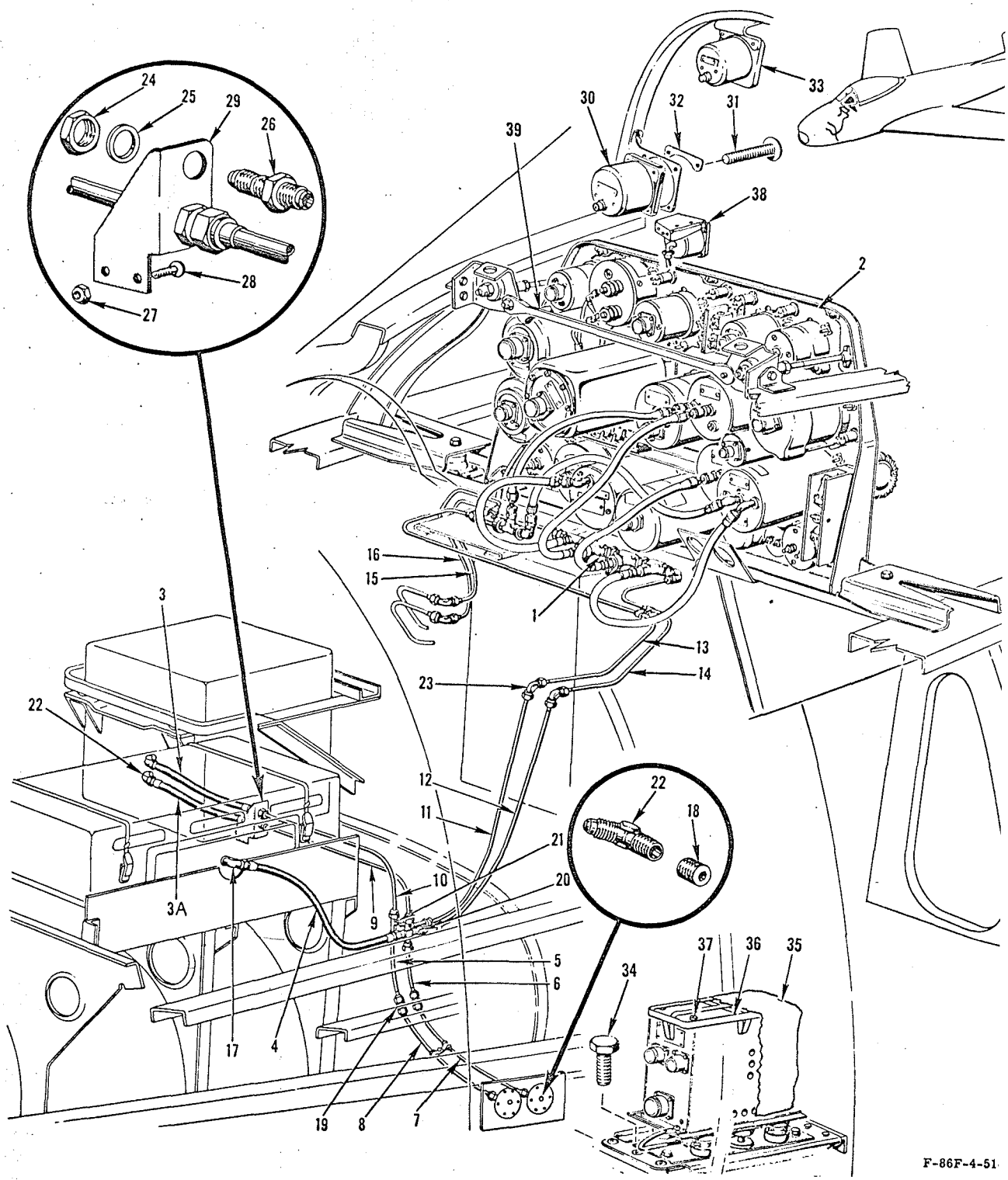

FIGURE 178 - FORWARD FUSELAGE INSTRUMENT EQUIPMENT INSTALLATION

FUSELAGE INSTRUMENTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
178	170-51031		INSTRUMENT EQUIP. INSTL, Fus fwd (see fig. 108 for next assy) .	NP	C
	176-51031		INSTRUMENT EQUIP. INSTL, Fus fwd (see fig. 108 for next assy) .	NP	D
	No Number		. FORWARD FUSELAGE INSTRUMENT EQUIPMENT STATION 71.75 TO . . . STATION 144.6 (see figure 179 for breakdown)	NP	
	No Number		. FORWARD FUSELAGE INSTRUMENT EQUIPMENT STATION 144.5 TO . . . STATION 253.5 (see figure 180 for breakdown)	NP	
	No Number		. PILOT'S PNEUMATIC ANTI-G SUIT EQUIPMENT, (see fig. 376) . . .	NP	
	No Number		. PILOT'S INSTRUMENT PANEL SUPPORT AND ATTACHING EQUIPMENT, . . (see figure 186 for breakdown)	NP	
-1	No Number		. INSTRUMENT STATIC AND PRESSURE BLOCKS, (see fig. 187)	NP	
-2	170-51005-30		. PANEL ASSY, Pilot's inst complete (see figure 181).	1	A
	172-51005		. PANEL ASSY, Pilot's instrument complete (see figure 181) . .	1	B
	172-51005-10		. PANEL ASSY, Pilot's instrument complete (see figure 181) . .	1	J
	172-51005-20		. PANEL ASSY, Pilot's instrument complete (see figure 181) . .	1	E
	172-51005-30		. PANEL ASSY, Pilot's instrument complete (see figure 181) . .	1	H
	172-51005-40		. PANEL ASSY, Pilot's instrument complete (see figure 181) . .	1	K
	191-51005		. PANEL ASSY, Pilot's instrument complete (see figure 181) . .	1	M
	191-51005-10		. PANEL ASSY, Pilot's inst complete (see fig. 181 for breakdown)	1	N
	191-51005-20		. PANEL ASSY, Pilot's inst complete (see fig. 181 for breakdown)	1	P
	191-51105		. PANEL ASSY, Pilot's inst complete (see fig. 181 for breakdown)	1	R
	191-51105-20		. PANEL ASSY, Pilot's inst complete (see fig. 181 for breakdown)	1	S
	202-51005		. PANEL ASSY, Pilot's inst complete (see fig. 181 for breakdown)	1	X
	227-51005		. PANEL ASSY, Pilot's inst complete (see fig. 185 for breakdown)	1	AA
	227-51005-11		. PANEL ASSY, Pilot's inst complete (see fig. 185 for breakdown)	1	BB
	202-050016 *4		. PANEL ASSY, Pilot's inst complete (see fig. 185B & 185C . . . for breakdown)	1	CC
	202-050016-10 *4		. PANEL ASSY, Pilot's inst complete (see fig. 185B & 185C . . . for breakdown)	1	DD
	202-050016-20 *4		. PANEL ASSY, Pilot's inst complete (see fig. 185B & 185C . . . for breakdown)	1	S
	202-050016-30 *4		. PANEL ASSY, Pilot's inst complete (see fig. 185B & 185C . . . for breakdown)	1	AA
	202-050016-40 *4		. PANEL ASSY, Pilot's inst complete (see fig. 185B & 185C . . . for breakdown)	1	BB
	202-050016-50 *4		. PANEL ASSY, Pilot's inst complete (see fig. 185A for . . . . breakdown)	1	A
-3	AN6270-4-13		. HOSE ASSY, Detachable swivel fitting low pressure	1	T
	AN6279-4-6 1/2		. HOSE ASSY, Detachable swivel fitting low pressure	1	C,V
-3A	AN6270-4-13		. HOSE ASSY, Detachable swivel fitting low pressure	1	T
	AN6270-4-5 3/4		. HOSE ASSY, Detachable swivel fitting low pressure	1	C,V
-4	AN6270-4-19 1/2		. HOSE ASSY, Detachable swivel fitting low pressure	1	
-5	170-51801-43		. LINE ASSY, Airspeed tee sta 41 (LH) to ext fitting below (press)	1	
-6	170-51801-45		. LINE ASSY, Airspeed cross sta 41 (LH) to ext fitting . . . . below (static)	1	
-7	170-51801-49		. LINE ASSY, Airspeed cross sta 41 (LH) to ext fitting . . . . below (static)	1	
-8	170-51801-47		. LINE ASSY, Airspeed tee sta 41 (LH) to ext fitting below (press)	1	
-9	170-51801-13		. LINE ASSY, Airspeed computer hose to airspeed drain . . . . . sump (cross) (section 1) (static)	1	
-10	170-51801-17		. LINE ASSY, Airspeed computer hose to airspeed drain . . . . . sump (tee) (section 1) (pressure)	1	
-11	170-51801-65		. LINE ASSY, Airspeed drain sump to airspeed station . . . . . 53.5 elbow section 2 (pressure)	1	
-12	170-51801-63		. LINE ASSY, Airspeed drain sump to airspeed station . . . . . 53.5 elbow section 2 (static)	1	
-13	161-51801-67		. LINE ASSY, Airspeed pressure distribution block bhd elbow . .	1	
-14	170-51801-51		. LINE ASSY, Airspeed sta 53 1/2 to static distribution block .	1	F
	170-51801-67		. LINE ASSY, Airspeed sta 53 tee to static distribution block .	1	G
-15	170-51801-53		. LINE ASSY, RH pressure web elbow WL 3/4 to static . . . . . distribution block	1	
-16	170-51801-61		. LINE ASSY, RH pressure web elbow WL4 3/4 to pressure . . . . distribution block	1	
-17	AN822-4D		. ELBOW	1	
-18	AN932-2		. PLUG, (use AN932C2 untl exh)	2	
-19	AN815-4D		. UNION	2	
-20	AN827-4D		. CROSS	1	
-21	AN924-4D		. TEE	1	
-22	AN822-4D		. ELBOW	4	
-23	AN833-4D		. ELBOW	2	
	AN960D716		. WASHER	2	
	2W1V28-24-62		. WASHER, Plain (North American)	2	
	AN924-4D		. NUT	2	
-24	AN924-4D		. NUT	2	
-25	AN960D716		. WASHER	2	
-26	AN832-4D		. UNION	2	
-27	AN365-1032		. NUT	2	
-28	AN520-10R8		. SCREW	2	
-29	170-51102		. SUPPORT, Computer airspeed pressure and static lines	1	
-30	AN5766T3		. COMPASS, Mag pilot's standby type N9 (Spec MIL-C5604) . . . . (AERNO 62-1200) (GFAE)	1	L
-31	SK179BP6-14		. SCREW, Phillips truss head (Amer. Screw)	4	
-32	5P37-3		. PLATE, Pilot's standby compass name (North American)	1	
-33	AN5766T4 *3		. COMPASS, Mag pilot's standby type N9 (Spec MIL-C5604) . . . . (AERNO 62-1200) (GFAE)	1	Q
	AN5823-1		. CARD, Compass correction (GFAE)	1	

(Nomenclature continued on next page)

FUSELAGE INSTRUMENTS

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USE
178-34	AN3-4		. BOLT	2	
	AN3-5		. BOLT	2	
-35	172-51155	*1	. COVER ASSY, Fuel flow amplifier protective	1	Y
-36	172-51156	*1	. SPREADER ASSSEMBLY, Fuel flow amplifier protective	1	Y
-37	16501-1B		. AMPLIFIER, Fuel flowmeter (intrch wth 16501-1C)(Eclipse-Pioneer)	1	
-38	191-51030	*2	. ALTIMETER ASSY, Dive bomb control complete (see fig. 188)	1	Z
-39	172-31888		ROD, Cockpit incl windshield sup quick removing tie (see fig. 162)	Ref	

*1 Rework per T.O. 1F-86-162.
*2 Refer to T.O. 1F-86F-34.
*3 Refer to T.O. 1F-86F-511.
*4 Used on airplanes modified per T.O. 1F-86F-532.

USEABLE ON CODE:

A 51-2850 thru 51-2877
B 51-2878 thru 51-12969
C 51-2850 thru 51-12976
D 51-13070 and subs
E 51-12970 thru 51-12976
F 51-2850, 51-2851 and 51-13070 thru 51-13129
G 51-2852 thru 51-12976, 51-13130 and subs
H 51-13090 thru 51-13129
CC 51-13170 thru 51-13454 52-4305 thru 52-4745
DD 51-13455 thru 51-13510 52-4746 thru 52-5163
J 51-13070 thru 51-13089
K 51-13130 thru 51-13226
L 51-2850 thru 51-13510, 52-4305 thru 52-4745, 52-5272 thru 52-5380
M 51-13227 thru 51-13460, 52-4305 thru 52-4354
N 52-4355 thru 52-4504, 51-13461 thru 51-13490
P 52-4505 thru 52-4904,
P 51-13491 thru 13510, 52-5272 thru 52-5446
Q 52-4746 thru 52-5271, 52-5381 thru 52-5530, 53-1072 and subs
R 52-4905 thru 52-5163, 52-5447 thru 52-5530
S 52-5164 thru 52-5271, 53-1072 thru 53-1228
T 51-13227 thru 51-1[illegible] 52-4505 and subs
V 51-13070 thru 51-1[illegible] 52-4305 thru 52-45[illegible]
X 53-1072 and subs
Y 51-2850 thru 51-13[illegible]
Z 51-13170 and subs
AA 55-3816 thru 55-40[illegible]
BB 55-4983 and subs

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FUSELAGE INSTRUMENTS (Cont)

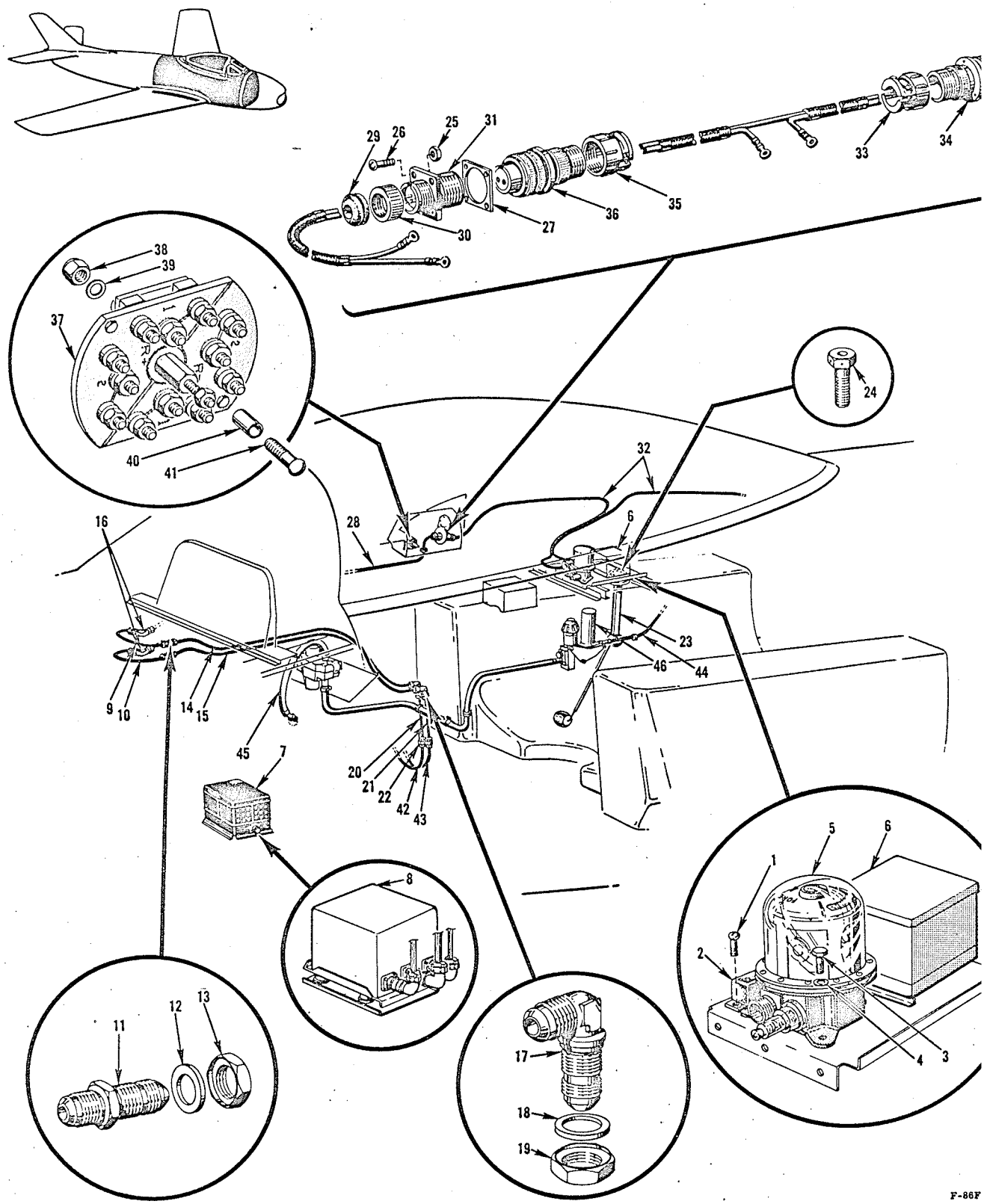

FIGURE 179 - FORWARD FUSELAGE INSTRUMENT EQUIPMENT STATION 71.75 TO STATION 144.6

FUSELAGE INSTRUMENTS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
179	No Number	FORWARD FUSELAGE INSTRUMENT EQUIPMENT STATION 71.75 TO STATION 144.6 (see figure 178 for next assembly)	NP	
-1	AN515-8R10	. SCREW	1	
-2	AN5534-1	. RESISTOR, Thermocouple lead spool	1	
-3	AN4-6A	. BOLT	3	M
	AN520-10R8	. SCREW	2	L
	AN507-1032R8	. SCREW	2	L
-4	2W17-416	. WASHER	6	M
	2W17-10	. WASHER	4	L
	AN365-1032	. NUT	2	L
-5	No Number	. GYRO, Control Type S1 (Spec 21098) (intrch wth type S3A) (Spec MIL-C6231AM.1 or type S3 Spec MIL-C6231) (GFAE)	1	M
	No Number	. GYRO, Control type J4 (Spec MIL-C8412) (GFAE)	1	L
	20944	. CAP, Dust (Cannon)	1	L
-6	No Number	. AMPLIFIER, Compass type A2 (Spec Mil-A6589A)(GFAE)	1	N
-7	No Number	. AMPLIFIER, Compass type A2 (Spec MIL-A6589A)(GFAE)	1	P,*2
-8	No Number	. AMPLIFIER, Compass type J4 (Spec MIL-C8412)(GFAE)	1	L
-9	161-51801-59	. LINE ASSY, RH elbow WL 18 1/2 to RH pressure web elbow WL4 3/4 (section 2) (static)	1	
-10	161-51801-61	. LINE ASSY, RH elbow WL18 1/2 to RH pressure web elbow WL4 3/4 (section 2) (pressure)	1	
-11	AN832-4D	. UNION	2	
-12	AN960D716	. WASHER	4	
-13	AN924-4D	. NUT	2	
-14	170-51801-55	. LINE ASSY, RH elbow WL18 1/2 to RH press. web elbow WL4 3/4	1	
-15	161-51801-57	. LINE ASSY, RH elbow WL18 1/2 to RH press. web elbow WL4 3/4	1	
-16	AN833-4D	. ELBOW	2	
	AN960D716	. WASHER	4	
	2W1L28-24-62	. WASHER, Plain (North American)	2	
	AN924-4D	. NUT	2	
-17	AN833-4D	. ELBOW	2	
-18	AN960D716	. WASHER	2	
-19	AN924-4D	. NUT	2	
-20	170-51801-33	. LINE ASSY, Wing inbd drain sump to RH tee WL18 1/2 (press)	1	
-21	170-51801-59	. LINE ASSY, Wing inbd drain sump to RH tee WL18 1/2 (static)	1	
-22	AN815-4D	. UNION	2	
-23	EA380-548A	. TRANSMITTER ASSY, Forward fuselage fuel level (Liquidometer). (North American dwg 170-51011)	1	F
	EA380C548ABM	. TRANSMITTER ASSY, Forward fuselage fuel level (use EA380C548AB until exh) (Liquidometer) (North American dwg 191-51011-10)	1	G,H,J,*1
	EA380C1441	. TRANSMITTER ASSY, Forward fuselage fuel level (Liquidometer). (North American dwg 191-51011-20)	1	K
-24	AN74-5	. BOLT	8	
	EA1479	. GASKET, (Liquidometer) (furnished with transmitter)	1	
-25	AN365-440	. NUT	4	
-26	AN515-4R6	. SCREW	4	
-27	4G3-16	. GASKET, Pressure plug (North American)	1	
-28	151-51045-30	. LEAD ASSY, Exhaust temperature thermocouple instrument to pressure disc	1	
-29	AN931-7-11	. . GROMMET	1	
-30	AN3054-8	. . NUT	1	
-31	97-3100C16-412P	. . RECEPTACLE, Wall mounting solid (Amer. Phenolic)	1	
-32	170-51012	. LEAD ASSY, Exhaust temperature thermocouple	1	A,C
	170-51012-10	. LEAD ASSY, Exhaust temperature thermocouple	1	D
	170-51012-20	. LEAD ASSY, Exhaust temperature thermocouple	1	E
	170-51012-31	. LEAD ASSY, Exhaust temperature thermocouple	1	L
-33	AN3057-8A	. . ADAPTER	1	
-34	97-3106A16-412S	. . PLUG, Elec connector straight (Amer. Phenolic modification no. 101)	1	
-35	AN3057-8A	. . ADAPTER	1	
-36	97-3106A412S	. . PLUG, Elec connector straight (Amer. Phenolic mod No. 101)	1	
-37	AC134A5-5A	. PANEL ASSY, Stroke adjustment (Liquidometer)	1	
-38	AN365-1032	. NUT	2	
-39	AN960D10	. WASHER	2	
-40	4S3-10-16	. SPACER, Bolt (North American)	2	A
	NAS43DD3-32	. SPACER, Screw and bolt	2	B
-41	AN520-10R18	. SCREW	2	
-42	161-51801-53	LINE ASSY, Wing inboard drain sump to RH tee WL18 1/2 (section 1) (pressure) (see figure 74)	Ref	
-43	170-51801-57	LINE ASSY, Wing inboard drain sump to RH tee WL18 1/2 (section 1) (static) (see figure 74)	Ref	
-44	170-51801-23	LINE ASSY, Air compressor to M4 valve section 2 (see fig. 376)	Ref	
-45	170-51174-5	DISCONNECT ASSY, Pilot's pneumatic anti-G suit (see fig. 376)	Ref	
-46	AN6538-1	VALVE ASSY, Reg anti-G suit (see figure 376)	Ref	

*1 Reworked per T. O. 1F-86F-208

*2 Also used on airplanes 52-5164 thru 52-5271 and 53-1072 thru 53-1171 mod per. T. O. 1F-86F-212

USEABLE ON CODE:
A 51-2850 thru 51-12976
B 51-13070 and subs
C 51-13070 thru 51-13089
D 51-13090 thru 51-13510, 52-5272 thru 52-5530
E 52-4305 thru 52-5271, 53-1072 thru 55-4030
F 51-2850 thru 51-13499, 52-4305 thru 52-4831
G 51-13500 thru 51-13510, 52-4832 thru 52-5113
H 52-5272 thru 52-5530
J 52-5114 thru 52-5271 53-1072 thru 53-1228
K 55-3816 and subs
L 55-4983 and subs
M 51-2850 thru 55-4030
N 51-2850 thru 52-5163 52-5272 thru 52-5530
P 53-1172 thru 55-4030

FUSELAGE INSTRUMENTS (Cont)

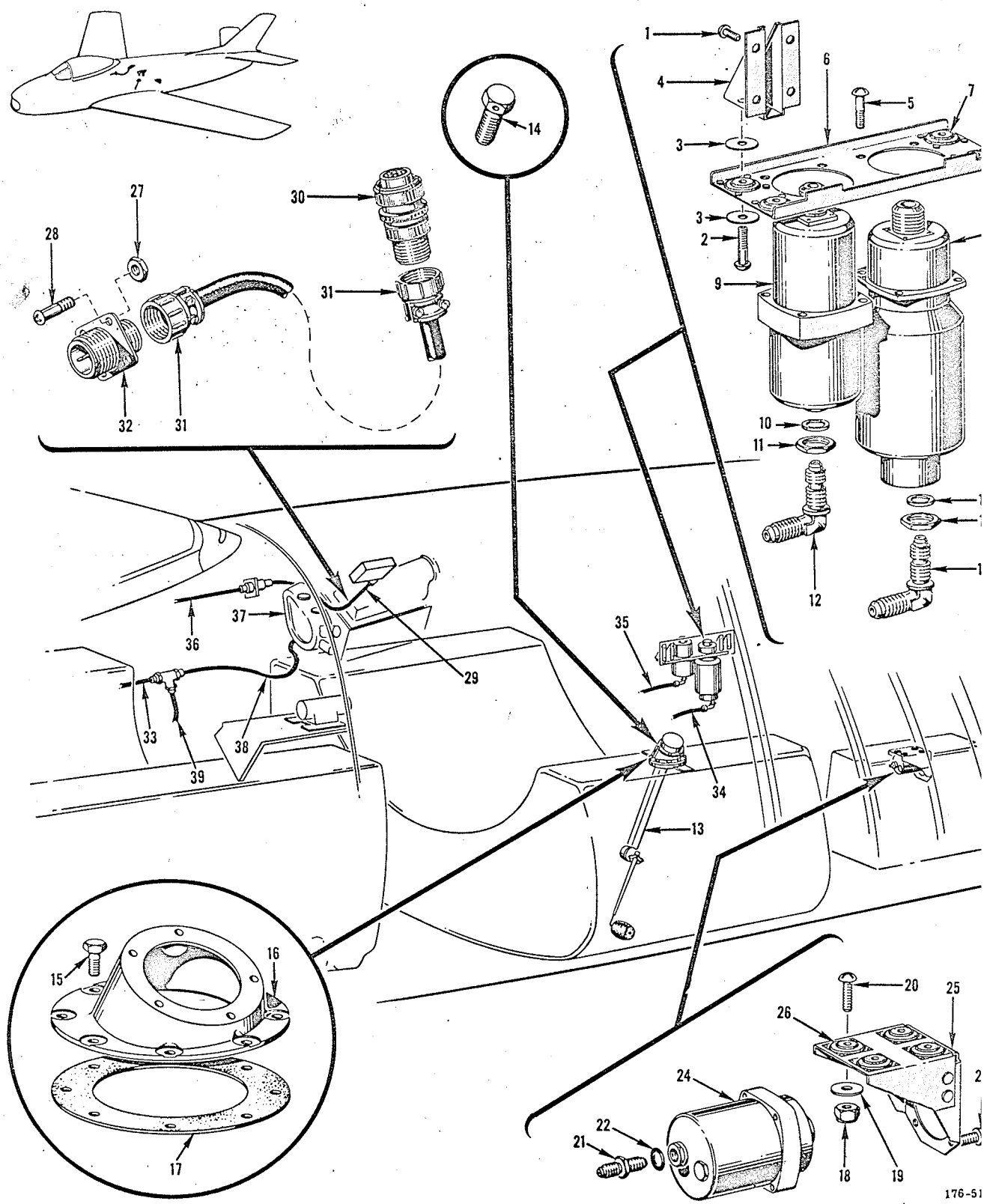

FIGURE 180 - FORWARD FUSELAGE INSTRUMENT EQUIPMENT STATION 144.5 TO STATION 253.5

FUSELAGE INSTRUMENTS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
180	No Number	FORWARD FUSELAGE INSTRUMENT EQUIPMENT STATION 114.6 TO STATION 253.5 (see figure 178 for next assy)	NP	
	176-51054	. SUPPORT ASSY, Fuel and oil press. transmitter complete	1	A
	191-51054	. SUPPORT ASSY, Fuel and oil press. transmitter complete	1	C
	191-51154	. SUPPORT ASSY, Oil pressure transmitter complete (see fig. 189 for breakdown)	1	D
	227-51154	. SUPPORT ASSY, Oil pressure transmitter complete (see fig. 189 for breakdown)	1	F
	ATTACHING PARTS			
-1	AN515-8R8	. SCREW	8	A
	AN515-8R24	. SCREW	8	C
	---*---			
-2	AN515-8R16	. . SCREW	4	A
	AN515-8R22	. . SCREW	4	B
-3	AN8013D1	. . WASHER	8	A
-4	147-51068	. . BRACKET ASSY, Fuel and oil pressure transmitter	2	A,C
-5	AN515-6R6	. . SCREW	8	A,C
-6	172-51071	. . BRACKET ASSY, Fuel and oil pressure transmitter	1	A
	191-51071	. . BRACKET ASSY, Fuel and oil pressure transmitter	1	C
-7	AN8008D2	. . . INSULATOR	4	A
	809-2	. . . INSULATOR, Shock mount (Robinson)	4	B
-8	No Number	. . TRANSMITTER ASSY, Fuel pressure type E7 (Spec MIL-T6302) (AERNO 61-2392) (GFAE)	1	A,C
-9	No Number	. . TRANSMITTER ASSY, Oil press. type F2 (Spec 21117). (AERNO 61-3005) (GFAE) (MS28005-2)	1	A
	MS28005-2	. . TRANSMITTER ASSY, (AERNO 61-3005) (GFAE)	1	B
-10	AN902-4	. . GASKET	1	A,C
-10A	MS29512-4	. . GASKET	1	A,C
-11	AN924-4D	. . NUT	1	A,C
-11A	AN924-4D	. . NUT	1	A,C
-12	AN833-4D	. . ELBOW	1	A,C
-12A	AN833-4D	. . ELBOW	1	A,C
-13	EA381-549AM	. TRANSMITTER ASSY, Rear fus level (use EA381-549A until exh) (Liquidometer) (North American dwg 170-51010)	1	E
	EA381-1442	. TRANSMITTER ASSY, Rear fus level (Liquidometer)(North American dwg 170-51010-10)	1	F
-14	AN3H4A	. BOLT	5	
	EA1478	. GASKET, (Liquidometer) (furnished with EA381-549A transmitter, Liquidometer)	1	
-15	AN74-3	. BOLT	8	
-16	151-51060	. ADAPTER, Rear fuselage fuel cell guage	1	
-17	151-51064	. GASKET, Rear fuselage fuel cell guage adapter	1	
-18	AN365-832	. NUT	4	
-19	AN8013D1	. WASHER	4	
-20	AN515-8R14	. SCREW	4	
	170-51098-10	. SUPPORT ASSY, Emer power control fus hyd press. transmitter	1	A
	191-51098	. SUPPORT ASSY, Emer power control fus hyd press. transmitter	1	B
-21	AN815-4	. . UNION	1	
-22	AN6290-4	. . GASKET	1	
-23	AN515-6R6	. . SCREW	4	
-24	No Number	. . TRANSMITTER, Fuselage hydraulic pressure type N1 (Spec 21323) (AERNO 61-1455) (GFAE) (Spec MIL-T7115)	1	A
	No Number	. . TRANSMITTER, Hyd pressure (Spec MIL-T7113)(MS28005-5). (AERNO 61-1455) (GFAE) (Spec 21323)	1	B
-25	165-51139	. . SUPPORT ASSY, Emergency hydraulic pressure transmitter	1	A
	187-51137	. . SUP. ASSY, Fuel press. transmitter (use 187-51045 until exh)	1	B
-26	AN8008D2	. . . INSULATOR	4	A
	809-2	. . . INSULATOR, Shock mount (Robinson)	4	B
-27	AN365-440	. NUT	4	
-28	AN515-4R6	. SCREW	3	
	AN515-4R8	. SCREW	1	
-29	176-51019	. LEAD ASSY, Exhaust temperature thermocouple (section 2)	1	
-30	97-3106-16-848S	. . PLUG, Elec connector straight (Amer. Phenolic)	1	
-31	AN3057-8A	. . ADAPTER	2	
-32	97-3100-CR16-412P	. . RECEPTACLE, Wall mounting solid (Amer. Phenolic)	1	
-33	170-48854-31	LINE ASSY, Drop fuel tank press. supply to press. reg. (see figure 459 and figure 460)	Ref	
-34	AN6264-4-17 3-4	HOSE ASSY, (see figure 433)	Ref	
-35	AN6264-4-59	HOSE ASSY, (see figure 433)	Ref	
-36	170-51012	LEAD ASSY, Exhaust temperature thermocouple (see figure 179)	Ref	
	170-51012-10	LEAD ASSY, Exhaust temperature thermocouple (see figure 179)	Ref	
	170-51012-20	LEAD ASSY, Exhaust temperature thermocouple (see figure 179)	Ref	
	170-51012-31	LEAD ASSY, Exhaust temperature thermocouple (see figure 179)	Ref	
-37	172-53363-10	OUTLET ASSY, Heat and vent sys primary heat exchanger high pressure (see figure 377)	Ref	
-38	170-51801-71	LINE ASSY, Air compres to M4 valve section 1 (see fig. 376) (use 170-51801-69 until exh)	Ref	
-39	170-51801-23	LINE ASSY, Air compressor to M4 valve section 2 (see fig. 376)	Ref	

USEABLE ON CODE:
A 51-2850 thru 51-13226
B 51-13227 and subs
C 51-13227 thru 52-4904, 52-5272 thru 52-5446
D 52-4905 thru 52-5271, 52-5447 thru 52-1228
E 51-2850 thru 53-1228
F 55-3816 and subs

FUSELAGE INSTRUMENTS (Cont)

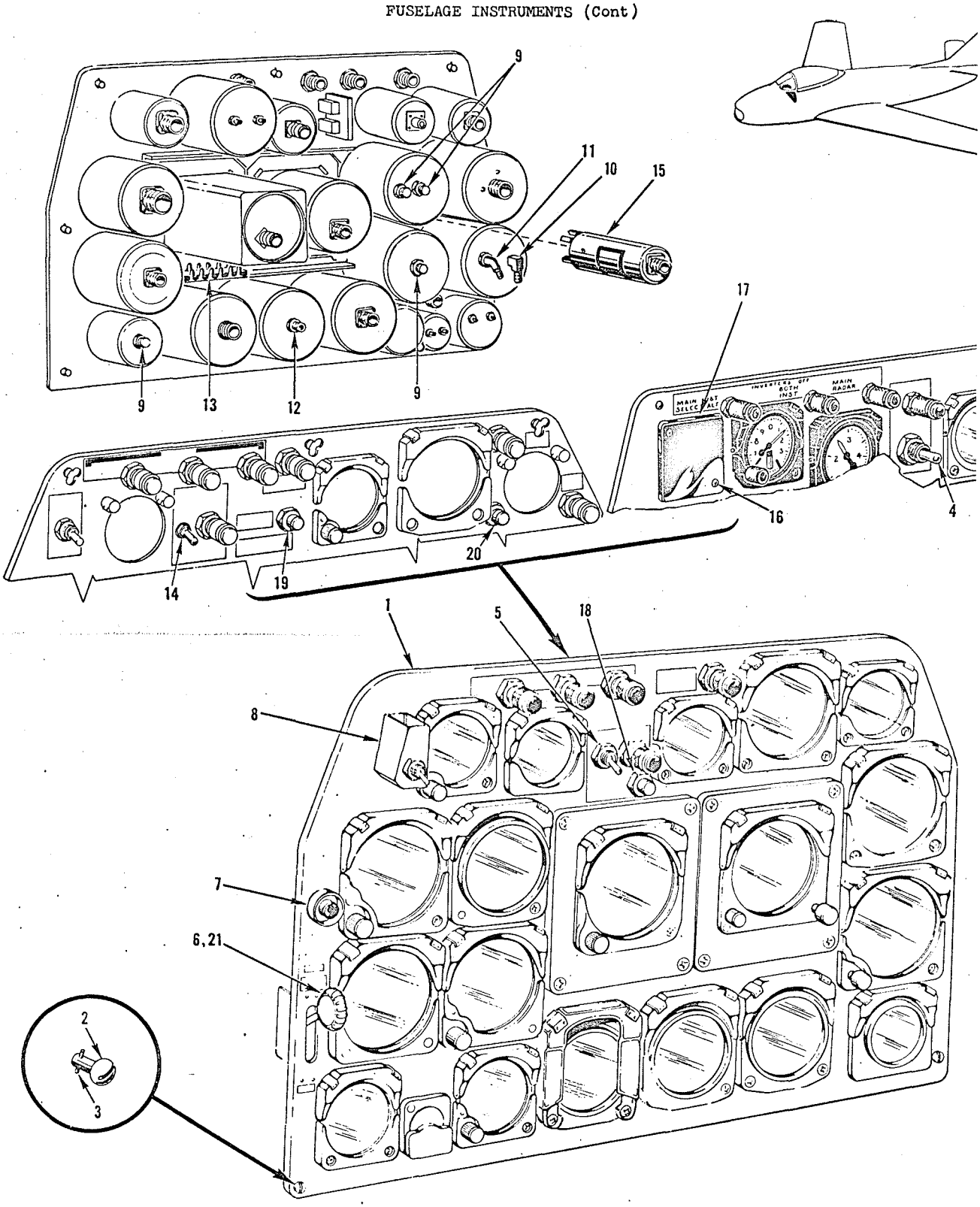

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FIGURE 181 - COMPLETE PILOT'S INSTRUMENT PANEL

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USE CODE
181	170-51005-30	PANEL ASSY, Pilot's instrument complete (see figure 178 for next assy)	Ref	A
	172-51005	PANEL ASSY, Pilot's instrument complete (see figure 178 for next assy)	Ref	B
	172-51005-10	PANEL ASSY, Pilot's instrument complete (see figure 178 for next assy)	Ref	C

FUSELAGE INSTRUMENTS (Cont)

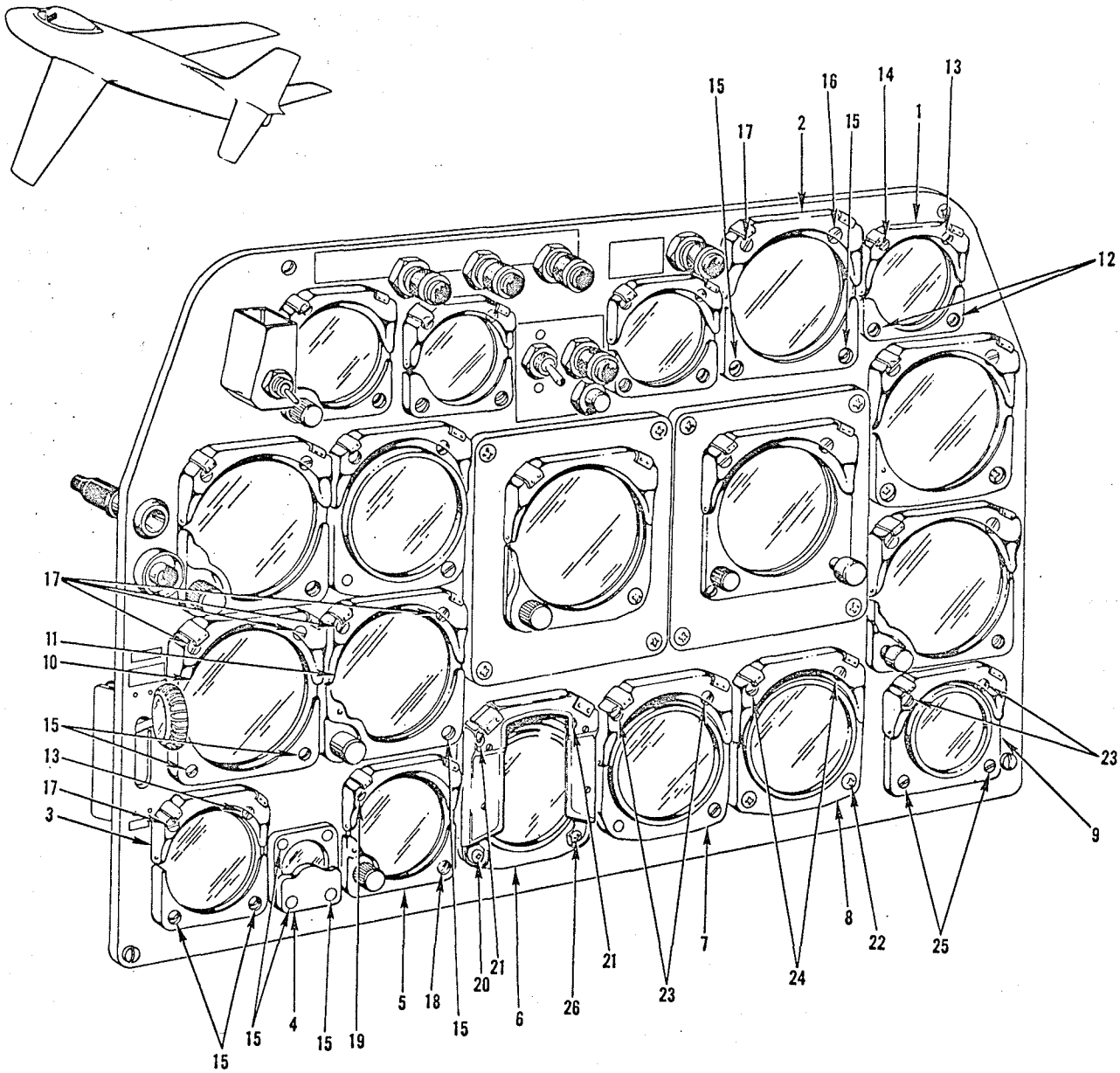
FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
181	172-51005-20		PANEL ASSY, Pilot's instrument complete (see figure 178 for next assy)	Ref	D
	172-51005-30		PANEL ASSY, Pilot's instrument complete (see figure 178 for next assy)	Ref	E
	172-51005-40		PANEL ASSY, Pilot's instrument complete (see figure 178 for next assy)	Ref	F
	191-51005		PANEL ASSY, Pilot's instrument complete (see figure 178 for next assy)	Ref	H,J
	191-51005-10		PANEL ASSY, Pilot's instrument complete (see figure 178 for next assy)	Ref	K
	191-51005-20		PANEL ASSY, Pilot's instrument complete (see figure 178 for next assy)	Ref	M,N
	191-51105		PANEL ASSY, Pilot's instrument complete (see figure 178 for next assy)	Ref	T
	191-51105-20		PANEL ASSY, Pilot's instrument complete (see figure 178 for next assy)	Ref	V
	202-51005		PANEL ASSY, Pilot's instrument complete (see figure 178 for next assy)	Ref	Y
	No Number		. PILOT'S INSTRUMENTS, (see figure 182 & 184 for breakdown)	NP	Q
	No Number		. PILOT'S INSTRUMENT PANEL LIGHTING EQUIPMENT, (see figure 183 for breakdown)	NP	Q
-1	170-51003-20		. PANEL ASSY, Pilot's instrument	1	A
	172-51003		. PANEL ASSY, Pilot's instrument	1	B,C
	172-51003-10		. PANEL ASSY, Pilot's instrument	1	D,F
	172-51003-20		. PANEL ASSY, Pilot's instrument	1	E
	191-51003		. PANEL ASSY, Pilot's instrument	1	H,J
	191-51003-10		. PANEL ASSY, Pilot's instrument	1	K
	191-51003-20		. PANEL ASSY, Pilot's instrument	1	M,N
	191-51003-30		. PANEL ASSY, Pilot's instrument	1	T
	191-51003-50		. PANEL ASSY, Pilot's instrument	1	V
	202-51003		. PANEL ASSY, Pilot's instrument	1	Y
-2	W98293-2-220		. . STUD, Airloc (United-Carr) (use 98293-2220 untl exh) (United-Carr)	8	Q
-3	99785-2		. . PIN, Airloc (United-Carr)	8	Q
-4	AN3021-1		. SWITCH, (hhdraulic pressure selector)	1	A
-5	4AT4		. SWITCH, (Micro-Switch) (hydraulic pressure selector) (use 4AT3 untl exh) (Micro-Switch)	1	S
-6	10681-100	*3,*4	. SWITCH ASSY, Illuminated landing gear control (type B) (Carma) (reworked per T. O. 1F-86-141)	1	Q
	6-32NC X 1/8		. . SCREW, Cadmium plated socket headless steel set	2	Q
	10671-2		. . KNOB ASSY, LG control switch	1	Q
	323SR		. . LAMP, Special base instrument (General Electric)	1	Q
	V3-444		. . SWITCH, (Micro-Switch)	4	Q
	191-54126		. COVER, Electrical alighting gear switch	1	V,Y,AA
-7	C100B9RSH		. SWITCH ASSY, (Hetherington)(emer gear up)(intrch wth Hetherington C8100)	1	G
	202-51015		. NAMEPLATE, Elec emer fuel pump switch	1	*1
	172-54167		. BRACKET ASSY, Electrical emergency fuel switch	1	D,E,F,*1
	172-54167-11		. BRACKET ASSY, Electrical emergency fuel switch	1	B,C,*1
-8	AN3021-3		. . SWITCH, (emergency fuel)	1	*1,P
	AN3021-3		. SWITCH, (emergency fuel)	1	R
-9	AN816-4D		. NIPPLE	4	Q
-10	AN822-4D		. ELBOW	1	Z
	AN816-4D		. UNION	1	Y
-11	AN823-4D		. ELBOW	1	Q
-12	AN823-4D		. ELBOW	1	Q
-13	AN3436-2-6		. TERMINAL BLOCK ASSY, (instrument panel)	1	P
	AN3436-2-7		. TERMINAL BLOCK ASSY, (instrument panel)	1	R
	AN3433-2-6		. BUS	1	P
	AN3433-2-7		. BUS	1	R
-14	4AT4		. SWITCH, (Micro-Switch) (hydraulic press selector) (use 4AT3 untl exh) (Micro-Switch)	1	Y
-15	C10FA548		. VIBRATOR ASSY, Integral radio noise filter (Globe Industries) (use C10FA543 untl exh) (Globe Industries)	1	Q
-16	SK179BP6-7		. SCREW, (Amer. Screw)	2	A
-17	152-51064		. PLATE, Instrument panel blank-off	1	A
-18	W102DB3		. SWITCH ASSY, (J2 compass fast slaved) (Hetherington) (use C3100DB3 untl exh)	1	S
-19	W102DB3		. SWITCH ASSY, (J2 compass fast slaved) (Hetherington) (use C3100DB3 untl exh)	1	Y
-20	138187	*2	. SWITCH, (fire system test) (Ucinite)	1	L
-21	10671		SWITCH ASSY, Illuminated landing gear control type B (Carma) (reworked per T.O. 1F-86-141) (See fig. 307)	Ref	

*1 Reworked per T.O. 1F-86-110
*2 Refer to T.O. 1F-86F-34
*3 Refer to T.O. 1F-86-534
*4 Carma 10681-100 together with Carma 11101 shield is intrch wth Robertshaw Fulton 399-60001 together with Robertshaw Fulton 399-60003 boot.

USEABLE ON CODE:

A	51-2850 thru 51-2877	G	51-2878 thru 53-1228	M	52-4505 thru 52-4904	S	51-2878 thru 52-5530
B	51-2878 thru 51-12969	H	51-13227 thru 51-13460	N	51-13491 thru 51-13510, 52-5272 thru 52-5446	T	52-4905 thru 52-5163, 52-5447 thru 52-5530
C	51-13070 thru 51-13089	J	52-4305 thru 52-4354				
D	51-12970 thru 51-12976	K	52-4355 thru 52-4504, 51-13461 thru 51-13490	P	51-2850 thru 51-13226	V	52-5164 thru 52-5271
E	51-12090 thru 51-13129			Q	51-2850 thru 53-1228	Y	53-1072 thru 53-1228
F	51-13130 thru 51-13226	L	51-13170 thru 53-1228	R	51-13227 thru 53-1228	Z	51-2850 thru 52-5530
						AA	52-5387 thru 52-5530

FUSELAGE INSTRUMENTS (Cont)



F-86F-4-I

FIGURE 182 - PILOT'S INSTRUMENTS

FUSELAGE INSTRUMENTS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
182	No Number		PILOT'S INSTRUMENTS, (see figure 181 for next assy and figure 184 for additional breakdown)	NP	
-1	No Number		INDICATOR ASSY, Fuel press type C34 (MS28010-7) (Spec MIL-I6301) (AERNO 61-2482) (GFAE)	1	A
	No Number		INDICATOR ASSY, Oil press type MS28010-2 (Spec MIL-I7086) (AERNO 61-3121) (GFAE)	1	B
-2	No Number		INDICATOR ASSY, Thermocouple temp jet exhaust type K7 (Spec 27332) (AERNO 61-8855) (GFAE)	1	C
	No Number		INDICATOR ASSY, Thermocouple temp jet exhaust type K8 (Spec MIL-I5892) (GFAE)	1	D
-3	3122-11		VOLTMETER ASSY, Direct current panel (Spec MIL-A6752) (Spec AN-A19A) (AN3203V30) (intrh wth General Electric 8DW53VBA10)	1	N
-4	MS25025-1		LOADMETER, (type J1) (use Spec MIL-A5125 and Spec 32529 untl exh)	1	N
	A4613		SHIELD, Ammeter light (Grimes)	1	N
-5	AN5743T1A		CLOCK ASSY, 1 7/8 in. dial (Spec ANC99A) (AERNO 60-1200) (GFAE)	1	C
	No Number		CLOCK ASSY, 1 hr elapsed time, 12 hr dial type A13A (Spec MIL-C6499) (AERNO 60-1201)	1	D
-6	No Number		INDICATOR ASSY, Bank and turn type C5 (Spec 21106) (AERNO 60-5700) (GFAE)	1	E
	No Number		INDICATOR ASSY, Bank and turn type C6 (Spec 21329) (AERNO 60-5701) (GFAE) (intrch wth type C5, Spec 21106 or Spec MIL-I7805 MS28024-1)	1	F,G,H
-7	AN5825T5		INDICATOR ASSY, Rate of climb (Spec AN-I33) (AERNO 60-6900) (GFAE) (intrch wth AN5825T3, AERNO 60-6800 or AN5825T6, AERNO 60-6901 or 94-27967A, type C2 or AN5825-7, Spec MIL-I7721)	1	N
-8	EA721G1A		INDICATOR ASSY, Fuel level (Liquidometer)	1	N
-9	No Number		INDICATOR ASSY, Cabin press 1 7/8 in dial (Spec MIL-I5099) (AERNO 60-603) (GFAE) (intrch wth type MA1 Spec MIL-I5099A or type A1 Spec 21338 AERNO 60-601)	1	N
	191-51048		SPACER, Instrument panel cabin pressure	1	A
-10	No Number		MACHMETER ASSY, Pitot static operated range .5 to 1.5 type A2 (Spec Y27671B) (AERNO 60-210) (GFAE) (intrch wth type A2A or type A2B (Spec MIL-M5388)	1	N
-11	AN5760T2A *2		ALTIMETER, (Spec AN-A30) (AERNO 60-700) (GFAE) (intrch wth type C12 Spec 94-27957A, AERNO 60-600 or type C16 Spec 94-27386, AERNO 60-1050 or AN5760T4B, Spec AN-A30)	1	N
	ATTACHING PARTS FOR INSTRUMENTS				
-12	AN515B6R20		SCREW	2	J
-13	AN507UB632R20		SCREW	2	J
-14	AN507B632R20		SCREW	1	J
-15	AN515B6R20		SCREW	10	N
-16	AN507UB632R20		SCREW	1	N
-17	AN507B632R20		SCREW	6	N
-18	AN515B6R20		SCREW	1	K
	SK179BP6-16		SCREW, (Amer. Screw)	1	M
-19	AN507B632R20		SCREW	1	K
	AN507UB632R20		SCREW	1	M
-20	AN515B6R18 *1		SCREW	1	M
-21	SK179BP6-16 *1		SCREW, (Amer. Screw)	2	N
-22	AN515UB6R20		SCREW	1	K
	SK179BP6-16		SCREW, (American Screw)	1	M
-23	AN515B6R20		SCREW	4	N
-24	AN515B6R20		SCREW	2	J
-25	SK179BP6-16		SCREW, (Amer. Screw)	2	N
-26	AN515UB6R18 *1		SCREW	1	N

*1 Reworked per T. O. No. 1F-86-144
*2 Altimeter part number 671CPU19-015D (Kollsman) will replace all existing altimeters when reworked per T. O. 1F-86-524

USEABLE ON CODE:
A 51-2850 thru 52-4904 & 52-5272 thru 52-5446
B 52-4905 thru 52-5271 & 52-5447 thru 53-1228
C 51-2850 thru 52-5530
D 53-1072 thru 53-1228
E 51-2850 thru 51-2877
F 51-2878 thru 51-12976
G 51-12936 thru 51-12976
H 51-13227 thru 53-1228
J 51-2850 thru 51-13226
K 51-13227 thru 52-4904 & 52-5272 thru 52-5446
M 52-4905 thru 52-5271 52-5447 thru 53-1228
N 51-2850 thru 53-1228

FUSELAGE INSTRUMENTS (Cont)

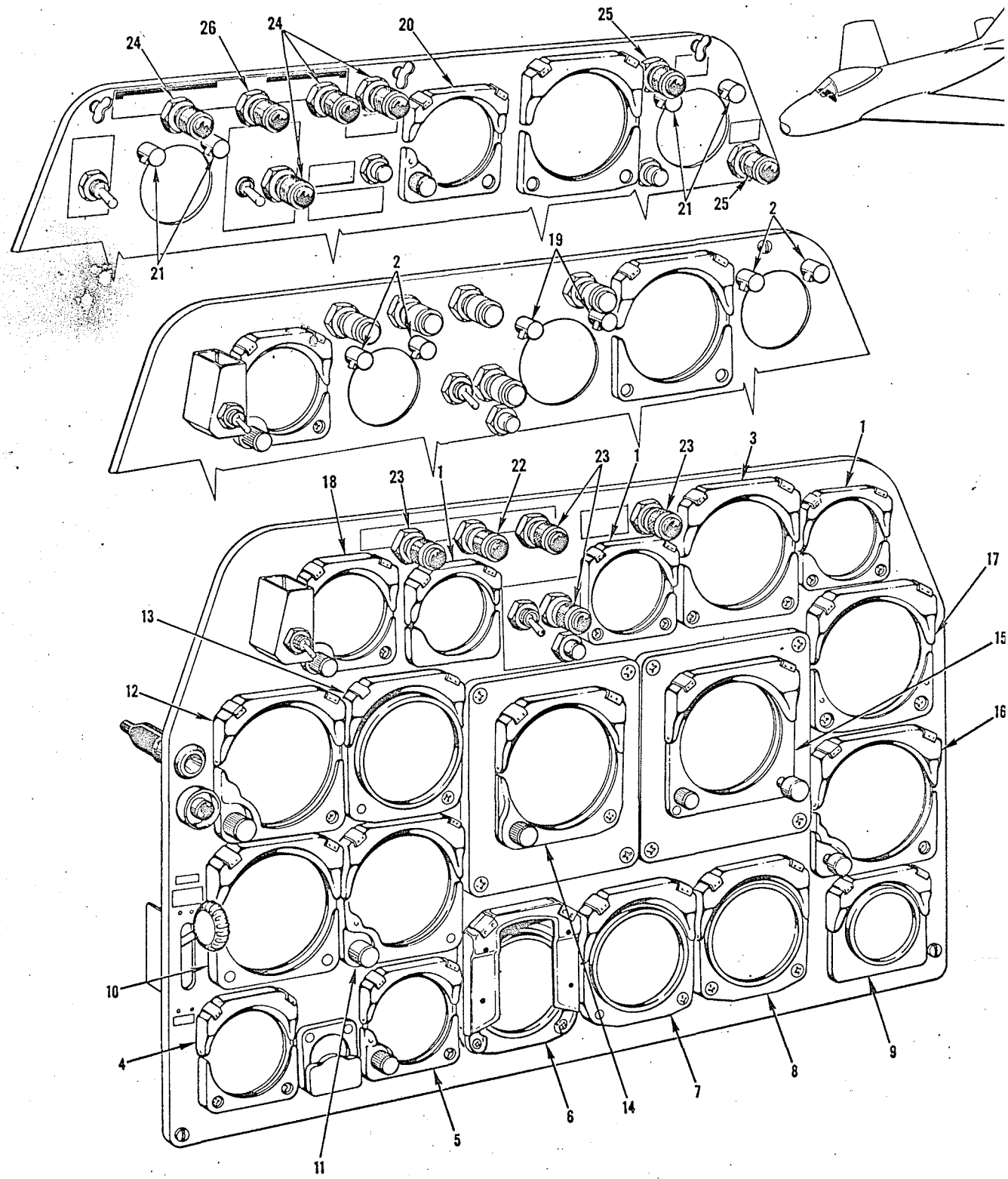


FIGURE 183 - PILOT'S INSTRUMENT PANEL LIGHTING EQUIPMENT

FUSELAGE INSTRUMENTS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
183	No Number		PILOT'S INSTRUMENT PANEL LIGHTING EQUIPMENT, (see figure 181 for next assy)	NP	
-1	No Number		MOUNT, Bezel 2 inch size instrument type A1 (Spec 21316) (GFAE) (used with oil, hydraulic and fuel pressure indicators)	3	A
	AN5809-1		BEZEL, Mounting 2 inch size instrument type A1 (Spec MIL-B36836) (used with oil, hydraulic and fuel pressure indicators)	3	B,C
	AN5808-1		CLAMP, (used with oil, hydraulic and fuel pressure indicators)	3	A,B,C
	B4751		FIXTURE, Instrument lightings (used with oil, hydraulic and fuel pressure indicators) (Grimes)	3	A,B,C
-2	A5299-24		FIXTURE, Instrument lighting (used with oil, hydraulic and fuel pressure indicators) (Grimes)	4	D,M
	AN5808-1		CLAMP, (used with oil and hydraulic pressure indicators)	2	D,M
-3	B4760		FIXTURE, Instrument lighting (thermocouple temperature jet exhaust type K7) (Grimes)	1	P
	A5605-24		FIXTURE, Instrument lighting (Grimes) (exhaust temp)	2	N
	AN5808-2		CLAMP, (used with exhaust temp indicator)	1	N
-4	B4751		FIXTURE, Instrument lighting (voltmeter) (Grimes)	1	L
-5	B4880		FIXTURE, Instrument lighting (clock) (Grimes) (use Grimes B4752 untl exh)	1	P
	A5610-24		FIXTURE, Instrument lighting (Grimes) (clock)	1	N
-6	B6602		FIXTURE, Instrument lighting (Grimes) (bank and turn indicator)	1	*1
-7	B4766-6		FIXTURE, Instrument lighting (rate of climb indicator) (Grimes) (use Grimes B4855 untl exh)	2	
-8	B4766-6		FIXTURE, Instrument lighting (fuel level indicator) (Grimes) (use Grimes B4855 untl exh)	1	A,B,E
	A5299-24		FIXTURE, Instrument lighting (fuel level indicator) (Grimes)	1	F
	A5605-24		FIXTURE, Instrument lighting (fuel level indicator) (Grimes)	2	R
-9	B4850		FIXTURE, Instrument lighting (cabin press. indicator)(Grimes)	1	L
-10	B4760		FIXTURE, Instrument lighting (machmeter) (Grimes)	1	L
-11	B4757		FIXTURE, Instrument lighting (altimeter) (Grimes)	1	L
-12	B4757		FIXTURE, Instrument lighting (pilot's radio compass indicator) (Grimes)	1	L
-13	B4766-6		FIXTURE, Instrument lighting (pitot airspeed knot's indicator) (Grimes) (use Grimes B4855 untl exh)	1	L
-14	B4789		FIXTURE, Instrument lighting (Grimes) (use Grimes B4779 untl exh) (use with type V7A Spec MIL-I5126A only)	1	L,*3
	B4855		FIXTURE, Instrument lighting (Grimes) (use with type V3 Spec 21174 or type V8 Spec MIL-I16424 only)	1	L
-15	B4890		FIXTURE, Instrument lighting (type J8 altitude indicator) (Grimes)	1	L
-16	B4757		FIXTURE, Instrument lighting (fuel flow indicator)(Grimes)	1	G
	B4766-6		FIXTURE, Instrument lighting (fuel flow indicator)(Grimes)	1	H
	A5299-24		FIXTURE, Instrument lighting (fuel flow indicator)(Grimes)	1	T
	A5605-24		FIXTURE, Instrument lighting (fuel flow indicator)(Grimes)	1	V
-17	B4755		FIXTURE, Instrument lighting (tachometer) (Grimes)	1	J
	B5299-24		FIXTURE, Instrument lighting (tachometer) (Grimes)	1	K
	No Number		CLAMP, Mounting type A2 (Marion Screw) (Spec MIL-C6359)	1	K
	A5605-24		FIXTURE, Instrument lighting (tachometer) (Grimes)	1	T,V
-18	B4752		FIXTURE, Instrument lighting (accelerometer) (Grimes) (use with type B4 Spec 27663B, AERNO 60-205 only)	1	L
	B4880		FIXTURE, Instrument lighting (Grimes) (use with type B6 Spec MIL-A5885, AERNO 60-206 only)	1	L
-19	A5299-24		FIXTURE, Instrument lighting (used with oil and hydraulic pressure indicators) (Grimes)	2	D
	AN5808-1		CLAMP, (used with oil and hydraulic pressure indicators)	1	D
-20	B4880		FIXTURE, Instrument lighting (accelerometer)(Grimes)	1	N
-21	A5299-24		FIXTURE, Instrument lighting (used with oil, hydraulic pressure indicators) (Grimes)	4	N
	AN5808-1		CLAMP, (used with oil and hydraulic pressure indicators)	2	N
-22	AN3157-6		LIGHT ASSY	1	L
	AN3121-313		LAMP	1	L
-23	AN3157-4		LIGHT ASSY	4	L
	AN3121-313		LAMP	4	L
-24	AN3157-4		LIGHT ASSY	4	N
-25	AN3157-6	*2	LIGHT ASSEMBLY, (fire warning)	2	W
	AN3121-313	*2	LAMP	2	W
-26	AN3157-6		LIGHT ASSEMBLY	1	N
	AN3121-313		LAMP	5	N

*1 Reworked per T.O. No. 1F-86-144
*2 Refer to T.O. 1F-86F-34
*3 Removed from airplanes coded when reworked per T.O. 1F-86F-505

USEABLE ON CODE:
A 51-2850 thru 51-2877
B 51-2878 thru 51-12976
C 51-13070 thru 51-13226
D 51-13227 thru 52-4904, 52-5272 thru 52-5446
E 51-13070 thru 51-13129
F 51-13130 thru 51-13510
G 51-2850 thru 51-13109
H 51-13110 thru 52-4904, 52-5272 thru 52-5446
J 51-2850 thru 52-4354
K 52-4355 thru 52-4904, 52-5272 thru 52-5446
L 51-2850 thru 53-1228
M 52-4905 thru 52-5271, 52-5447 thru 52-5530
N 53-1072 thru 53-1228
P 51-2850 thru 52-5530
R 52-4305 thru 53-1228
T 52-4905 thru 52-5013
V 52-5014 thru 52-5271, 52-5447 thru 53-1228
W 51-13170 thru 53-1228

FUSELAGE INSTRUMENTS (Cont)

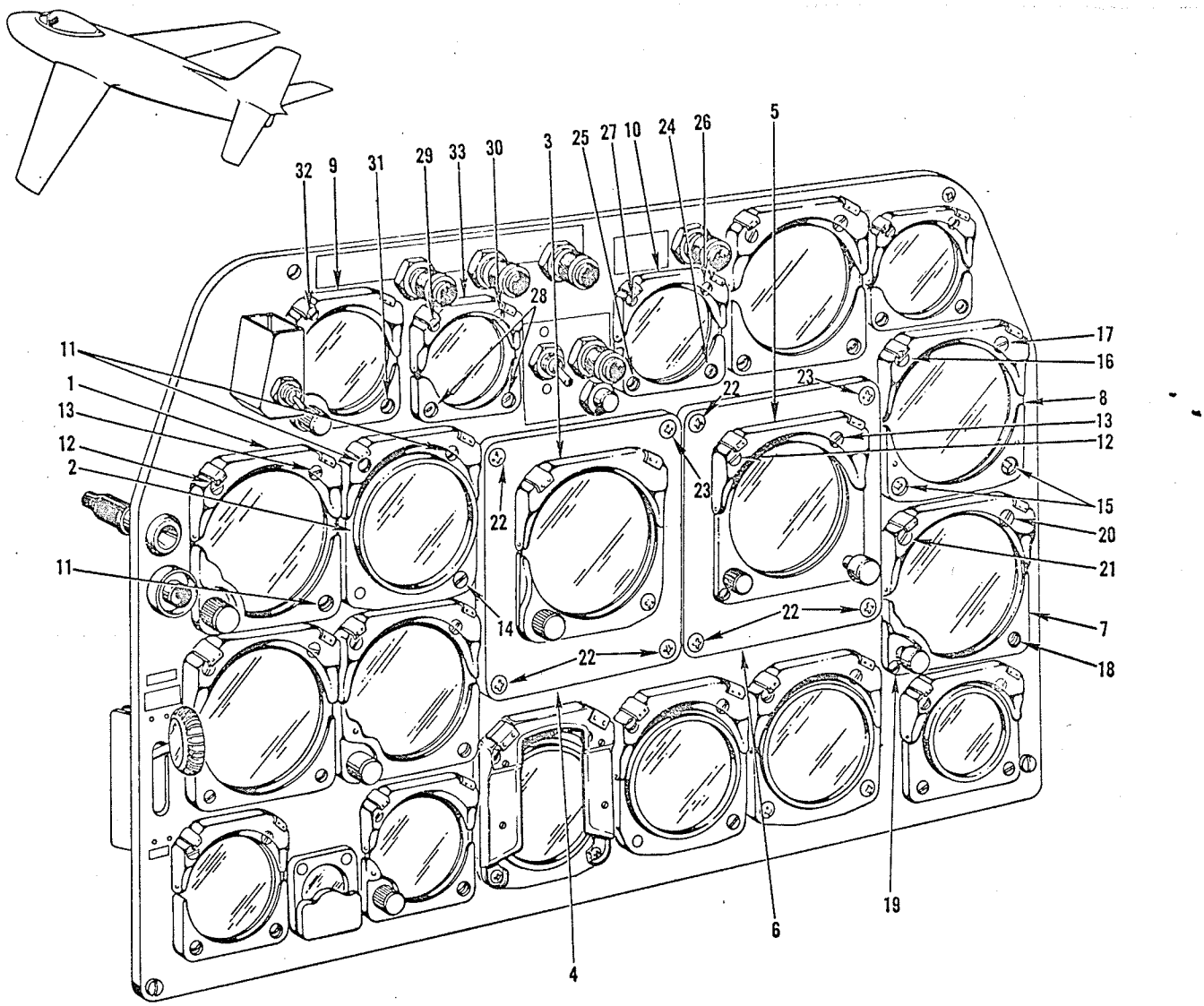


FIGURE 184 - PILOT'S INSTRUMENTS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
184	No Number	PILOT'S INSTRUMENTS, (see figure 181 for next assy and figure 182 for additional breakdown)	NP	
-1	ID90A/ARN6	. INDICATOR ASSY, Pilot's radio compass (Spec XH45D24627) (GFAE) (intrch wth ID91A/ARN6 AERNO 81-3350 Spec 71-5066 or ID91B/ARN6 AERNO 81-3350 Spec 71-5066)	1	L
-2	No Number	. INDICATOR ASSY, Airspeed pitot static sensitive max allowable speed radio active flourescent marking 50-650 knot type L6 (Spec 21182A) (AERNO 60-4935) (GFAE) (intrch wth type L4 Spec 21120A or type L7 AERNO 60-4937 or type L7A Spec MIL-I5356 or AN5863W2)	1	L
-3	No Number	. INDICATOR ASSY, Directional gyroscopic magnetic compass type V7A (Spec MIL-I5126A) (GFAE) (intrch wth type V3 Spec 21174 or type V8 Spec MIL-I6424 whn used wth 170-51015 adapter plate)	1	L,*1
-4	170-51015	. PLATE, Instrument panel type B2 gyro adapter	1	L

FUSELAGE INSTRUMENTS (Cont)

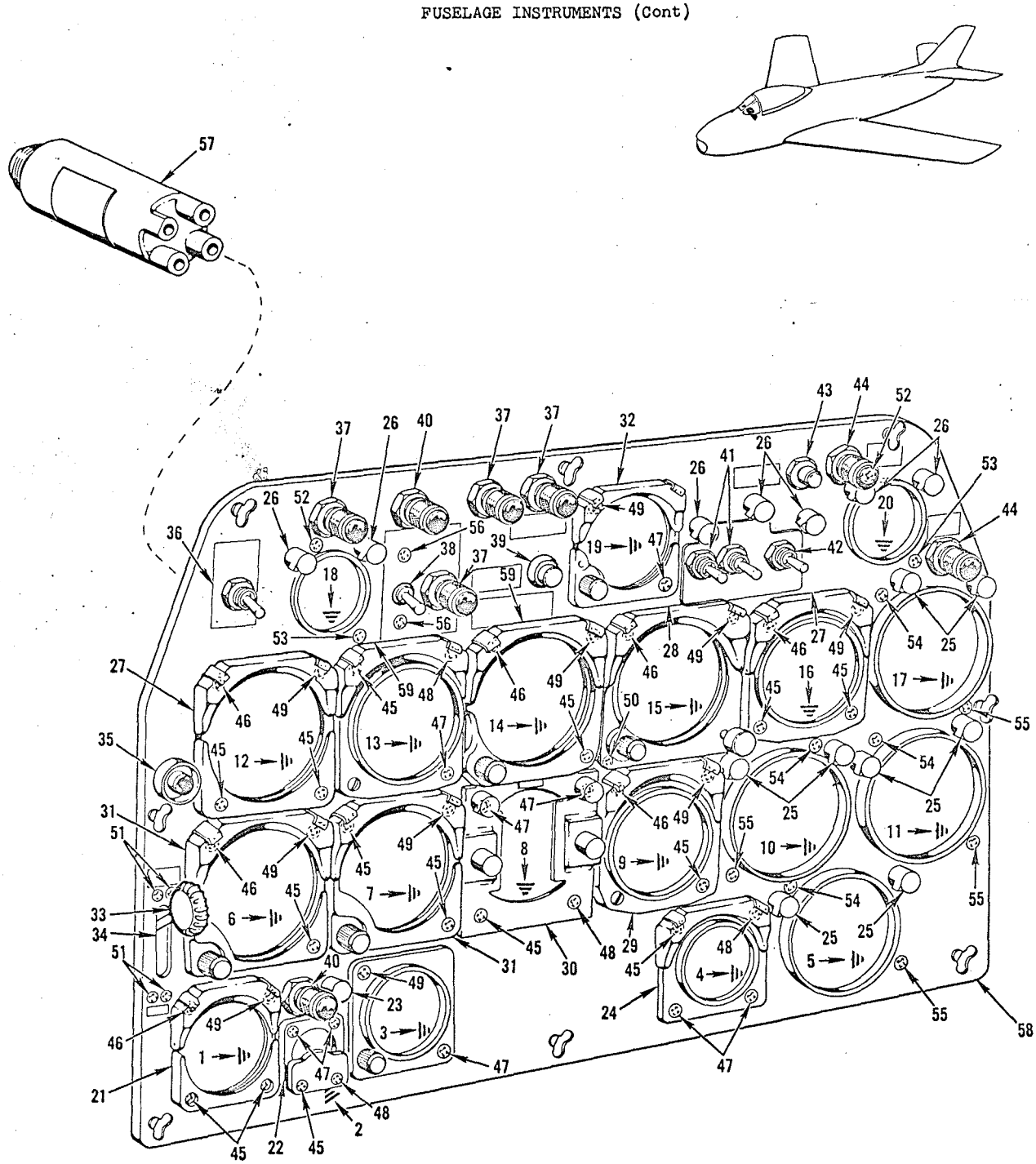
FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
184-5	No Number	.	INDICATOR ASSY, Attitude type J8 (Spec MIL-I5133) (AERNO 60-5933) (GFAE)	1	EE
	191-51120	.	INDICATOR ASSY, Type V8 attitude gyro dive angle	1	BB
	No Number	.	. INDICATOR ASSY, Attitude type V8 (Spec MIL-I5133A) (AERNO 60-5933) (GFAE)	1	BB
-6	170-51016	.	PLATE, Instrument panel J8 altitude gyro adapter	1	
-7	36700-1A1A3	.	INDICATOR ASSY, Fuel flow (Eclipse-Pioneer) (intrch wth 36700-1A1B1) (Eclipse-Pioneer)	1	K
	6200B12A9A5	.	INDICATOR ASSY, Fuel flow (Eclipse-Pioneer) (type A14) (Eclipse-Pioneer)	1	M
	25400B16A1A1	.	INDICATOR ASSY, Fuel flow type A20 (Spec MIL-I7203) (Eclipse Pioneer)	1	N
-8	No Number	.	INDICATOR ASSY, Tachometer elec single 2 3/4 dial 0 to 100% RPM type E32 (Spec 27144) (AERNO 61-215) (GFAE)	1	P
	No Number	.	INDICATOR ASSY, Tachometer type E34 (Spec MIL-I6470) (AERNO 61-223)	1	R
-9	No Number	.	ACCELEROMETER ASSY, Aircraft single pointer pilot's warning 0-10 "G" units type B4 (Spec 27663B) (AERNO 60-205) (GFAE) (intrch wth type B6 MS28025-1 Spec MIL-A5885 AERNO 60-206)	1	AA
	No Number	.	INDICATOR ASSY, Hydraulic press synchro type (MS28010-5) (Spec MIL-I7084) (AERNO 61-1456) (GFAE) (intrch wth Spec 21311 AERNO 61-1456)	1	CC
-10	No Number	.	INDICATOR ASSY, Oil press synchro style single 0-100 psi (MIL-17086) (MS28010-2) (AERNO 61-3121) (GFAE)	1	S,T,V
	No Number	.	ACCELEROMETER ASSY, Aircraft single pointer pilot's warning B-10 "G" units type B6 (MS28025-1) (Spec MIL-A5885) (AERNO 60-206) (GFAE)	1	CC
	ATTACHING PARTS FOR INSTRUMENTS				
-11	AN515B6R20	.	SCREW	3	L
-12	AN507B632R20	.	SCREW	2	L
-13	AN507UB632R20	.	SCREW	2	L
-14	SK179BP6-16	.	SCREW, (Amer. Screw)	1	L
-15	SK179BP6-16	.	SCREW, (Amer. Screw)	2	A,B
-16	AN507B632R20	.	SCREW	1	A,B
-17	AN507UB632R20	.	SCREW	1	A,B
-18	AN515B6R20	.	SCREW	1	C
	SK179BP6-16	.	SCREW, (Amer. Screw)	1	D
-19	SK179BP6-16	.	SCREW, (Amer. Screw)	1	D
-20	AN507UB632R20	.	SCREW, (Amer. Screw)	1	C
	AN515UB6R20	.	SCREW	1	D
-21	AN507B632R20	.	SCREW	1	C
	AN515B6R20	.	SCREW	1	D
-22	SK179BP10-9	.	SCREW, (Amer. Screw) (use wth 170-51015 & 170-51016 only)	6	L
-23	SK179B10-9	.	SCREW, (Amer. Screw)	2	L
	AN520B10R28	.	SCREW, (use wth type U7A MIL-I5126A indicator only)	1	L
	AN520UB10R28	.	SCREW, (use wth type U7A MIL-I5126A indicator only)	1	L
	SK179BP10-20	.	SCREW, (Amer. Screw) (use wth type U7A MIL-I5126A indicator only)	2	L
-24	AN515B6R20	.	SCREW	1	E
	SK179BP6-16	.	SCREW (Amer. Screw)	1	F
-25	AN515B6R20	.	SCREW	1	E
-26	AN507UB632R20	.	SCREW	1	E
-27	AN507B632R20	.	SCREW	1	E
	AN507UB632R20	.	SCREW	1	F
-28	AN515B6R20	.	SCREW	2	G
-29	AN507B632R20	.	SCREW	1	G
-30	AN507UB632R20	.	SCREW	1	G
-31	AN515B6R20	.	SCREW	1	G
	SK179BP6-16	.	SCREW (Amer. Screw)	1	H,J
-32	AN507B632R20	.	SCREW	1	G
	AN507UB632R20	.	SCREW	1	H,J
	---*---				
-33	No Number	.	INDICATOR ASSY, Hyd press. synchro type o-4000 psi single 320° type E1 (Spec 21311) (AERNO 61-1456) (GFAE) (intrch wth MS28010-5 Spec MIL-I7084 AERNO 61-1456)	1	AA

*1 Type V8 directional gyro (Spec MIL-16424) only, will be used on airplanes noted when reworked per T.O. 1F-86F-505

USEABLE ON CODE:

A 51-2850 thru 51-13226, 51-13461 thru 51-13510, 52-4355 thru 52-4904, 52-5272 thru 52-5446
B 51-13227 thru 51-13460, 52-4305 thru 52-4354
C 51-2850 thru 51-13109
D 51-13110 thru 52-4904, 52-5272 thru 52-5446
E 51-13227 thru 52-4904, 52-5272 thru 53-1228
F 53-1072 thru 53-1228
G 51-2850 thru 51-13226
H 52-4905 thru 52-5163, 52-5447 thru 52-5530
J 52-5164 thru 52-5271
K 51-2850 thru 51-13109
L 51-2850 thru 53-1228
M 51-13110 thru 52-4904, 52-5272 thru 52-5446
N 52-4905 thru 52-5271, 52-5447 thru 53-1228
P 51-2850 thru 52-4354
R 52-4355 thru 53-1228
S 51-2850 thru 51-2877
T 51-2878 thru 51-12976
V 51-13227 thru 52-4904, 52-5272 thru 52-5446
AA 51-2850 thru 52-5530
BB 52-5164 thru 52-5271, 53-1072 thru 53-1228
CC 53-1072 thru 53-1228
EE 51-2850 thru 52-5163, 52-5272 thru 52-5530

FUSELAGE INSTRUMENTS (Cont)



F-86F-4-51-10A

FIGURE 185 - PILOT'S INSTRUMENT COMPLETE PANEL ASSEMBLY (USEABLE ON 55-3816 & SUBS)

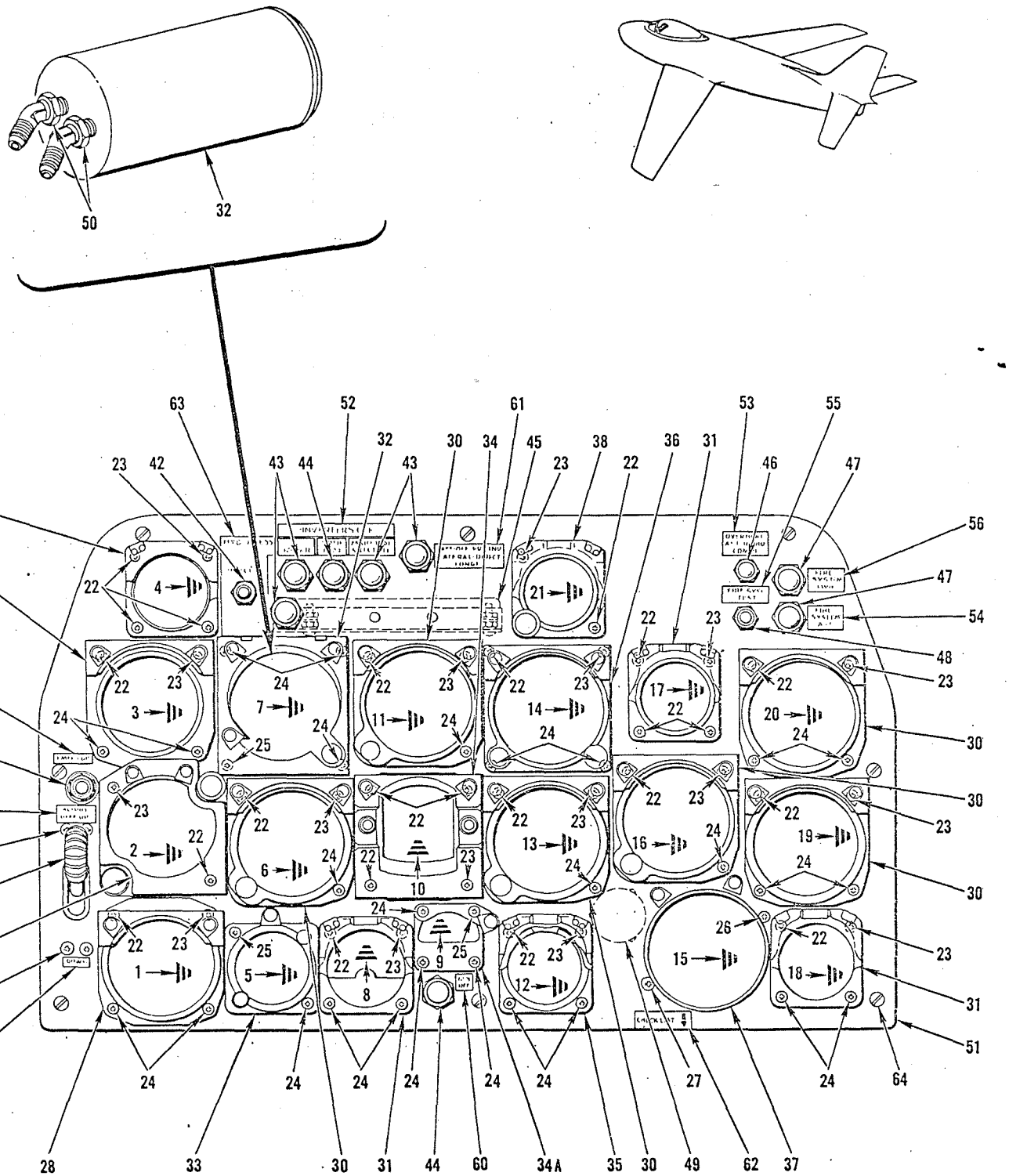
FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
185	227-51005	PANEL ASSY, Pilot's inst complete (see fig. 178 for next assy) .	Ref	A
	227-51005-11	PANEL ASSY, Pilot's inst complete (see fig. 178 for next assy) .	Ref	B
-1	AN3203V30	. VOLTMETER, Direct current (Spec MIL-A6752A)	1	C
-2	MS25025-1	. LOADMETER, Direct current type J1 (Spec MIL-A6752A) (GFAE) . (intrch wth type J1 ammeter) (Spec MIL-A5125)	1	C

FUSELAGE INSTRUMENTS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
185-3	No Number	.	CLOCK, Type A13A (Spec MIL-C6499) (GFAE) (AERNO 60-1201) . .	1	C
-4	No Number	.	INDICATOR ASSY, Cabin press. type MA1 (Spec MIL-I5099A) . . . (GFAE) (AERNO 60-603)	1	C
-5	EA721G1A	.	INDICATOR ASSY, Fuel level (Liquidometer) (Spec MIL-G5672) .	1	C
-6	ID91A/ARN6	.	INDICATOR ASSY, Radio compass (Spec 71-5066) (GFAE) . . . . . (AERNO 81-3350) (intrch wth ID91B/ARN6)	1	C
-7	671CPU19-015D	*1 .	INDICATOR ASSY, Altimeter (Kollsman) (GFAE)	1	C
-8	MS28024-1	.	INDICATOR ASSY, Turn and slip (Spec MIL-I7805) (GFAE) . . . . (AERNO 60-5701)	1	C
-9	AN5825-7	.	INDICATOR ASSY, Rate of climb (Spec MIL-I7721) (GFAE) . . . . (AERNO 60-6901) (intrch wth AN5825T6 or AN5825T7)	1	C
-10	No Number	.	INDICATOR ASSY, Fuel flow type A20 (Spec MIL-I7203A) . . . . (GFAE) (intrch wth Spec MIL-I7203)	1	C
-11	No Number	.	INDICATOR ASSY, Exhaust temperature type K8 (Spec MIL-I5892A) (GFAE) (AERNO 61-8856) (intrch wth Spec MIL-I5892)	1	C
-12	No Number	.	INDICATOR ASSY, Machmeter type A2B (Spec MIL-M5388A) (GFAE) . (AERNO 60-211) (intrch wth Spec MIL-M5388)	1	C
-13	No Number	.	INDICATOR ASSY, Airspeed type L7A (Spec MIL-I5356) (GFAE) . . (AERNO 60-4937) (intrch wth type L7) (Spec MIL-I5356)	1	C
-14	No Number	.	INDICATOR ASSY, Directional gyro type V8 (Spec MIL-I6424) . . (GFAE) (AERNO 60-1482)	1	C
-15	191-51120	.	INDICATOR ASSY, Type V8 attitude gyro dive angle	1	C
	No Number	.	. INDICATOR ASSY, Attitude type V8 (Spec MIL-I5133A)(GFAE) . (AERNO 60-5933)	1	C
-16	227-51017	.	PLATE, Instrument cover and elec connector stowage, assy of . (to be installed when dive & roll indicator is removed)	1	C
-17	MS28033-1	.	INDICATOR ASSY, Tachometer type E34 (Spec MIL-I6470A) (GFAE).	1	C
-18	MS28010-5	.	INDICATOR ASSY, Hydraulic press. (Spec MIL-I7084) (GFAE) . .	1	C
-19	MS28025-1	.	INDICATOR ASSY, Accelerometer type B6 (Spec MIL-A5885A)(GFAE)	1	C
-20	MS28010-2	.	INDICATOR ASSY, Oil press. (Spec MIL-I7086) (GFAE)	1	C
-21	B4751	.	FIXTURE, Instrument lighting (Grimes)	1	C
-22	A4613	.	FIXTURE, Instrument lighting (Grimes)	1	C
-23	A5610-24	.	FIXTURE, Instrument lighting (Grimes)	1	C
-24	B4850	.	FIXTURE, Instrument lighting (Grimes)	1	C
-25	A5605-24	.	FIXTURE, Instrument lighting (Grimes)	8	C
-26	A5299-24	.	FIXTURE, Instrument lighting (Grimes)	7	C
-27	B4760	.	FIXTURE, Instrument lighting (Grimes)	2	C
-28	B4890	.	FIXTURE, Instrument lighting (Grimes)	1	C
-29	B4756	.	FIXTURE, Instrument lighting (Grimes)	3	C
-30	B6602	.	FIXTURE, Instrument lighting (Grimes)	1	C
-31	B4757	.	FIXTURE, Instrument lighting (Grimes)	2	C
-32	B4880	.	FIXTURE, Instrument lighting (Grimes)	1	C
-33	10681-100	*2,*3 .	SWITCH ASSY, Illuminated landing gear control (Carma)	1	C
	6-32NC X 1/8	.	. SCREW, Cadmium plated socket headless steel set	2	C
	10671-2	.	. KNOB ASSY, LG control switch (Carma)	1	C
	323SR	.	. LAMP, Special base instrument (General Electric)	1	C
	V3-444	.	. SWITCH, (Micro-Switch)	4	C
-34	11101	*3 .	SHIELD, Landing gear switch (Carma)	1	C
-35	W101EB3RSHR	.	SWITCH ASSY, (Hetherington) (emergency landing gear up) . . .	1	C
-36	AN3021-3	.	SWITCH ASSY, (emergency fuel)	1	C
-37	AN3157-4	.	LIGHT ASSY	4	A
	AN3121-313	.	LAMP	4	A
	AN3157-4	.	LIGHT ASSY	3	B
	AN3121-313	.	LAMP	3	B
-38	4AT4	.	SWITCH, (Micro Switch) (hydraulic selector)	1	C
-39	W102DB3	.	SWITCH, (Hetherington) (compass fast slaved)	1	A
	AN3027-3	.	SWITCH, (compass turn cutout)	1	B
-40	AN3157-6	.	LIGHT ASSY	2	C
	AN3121-313	.	LAMP	2	C
-41	AN3021-3	.	SWITCH, (LABS)	2	C
-42	MS25068-3	.	SWITCH, (LABS)	1	C
-43	W101L5B	.	SWITCH ASSY, (Hetherington) (fire system test)	1	C
-44	AN3157-6	.	LIGHT ASSY, (fire system fwd and aft)	2	C
	AN3121-313	.	LAMP	2	C
-45	AN515B6R20	.	SCREW	14	C
-46	AN507B632R20	.	SCREW	5	C
-47	SK179BP6-16	.	SCREW, (Amer. Screw)	9	C
-48	AN515UBR20	.	SCREW	5	C
-49	AN507UB632R20	.	SCREW	8	C
-50	AN515B6R16	.	SCREW	1	C
-51	AN515B8R8	.	SCREW	4	C
-52	AN507B8R20	.	SCREW, (furnished with AN5808-1 mounting clamp)	2	C
-53	AN507B8R20	.	SCREW, (furnished with AN5808-1 mounting clamp)	2	C
-54	AN507B8R20	.	SCREW, (furnished with AN5808-2 mounting clamp)	4	C
-55	AN520B10R20	.	SCREW, (furnished with AN5808-2 mounting clamp)	4	C
-56	AN515B6R7	.	SCREW	2	C
-57	C10FA548-2	.	VIBRATOR ASSY, Integral radio noise filter (Globe Industries) (use Globe Industries C10FA548 until exh) (intrch wth Safe Flight Corp 22400)	1	C
-58	202-51103-20	.	PANEL ASSY, Pilot's instrument	1	A
	202-51103-30	.	PANEL ASSY, Pilot's instrument	1	B
-59	B4855	.	FIXTURE, Instrument lighting (Grimes)	2	C

*1 Refer to T.O. 1F-86-524
*2 Refer to T.O. 1F-86-534
*3 Carma 10681-100 together with Carma 11101 Shield is intrch wth Robertshaw Fulton 399-60001 together with Robertshaw Fulton 399-60003 boot.

USEABLE ON CODE: A 55-3816 thru 55-4030 B 55-4983 and subs C 55-3816 and subs



F-86F-4-51-15

FIGURE 185A - PILOT'S INSTRUMENT COMPLETE PANEL ASSEMBLY (MODIFICATION)

FUSELAGE INSTRUMENTS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
185A	202-050016-50 *5		PANEL ASSY, Pilot's instrument complete (Modification)	1	A
-1	ID310/ARN	.	INDICATOR ASSY, Range (Spec MIL-I8692 (AER) -1) (GFAE)	1	
-2	ID387/ARN	.	INDICATOR ASSY, Course pointer (Spec MIL-I9229) (GFAE) (intrch wth ID249/ARN)	1	A
-3	ID250/ARN	.	INDICATOR ASSY, Course (GFAE)	1	
-4	No Number	.	INDICATOR ASSY, Hyd press synchro type (Spec 21311) (AERNO 61-1456) (GFAE)	1	A
-5	No Number	.	CLOCK ASSY, 1 hr elapsed time, 12 hr dial type A13A (Spec MIL-C6499) (AERNO 60-1201) (GFAE)	1	A
-6	AN5760T2A *1	.	ALTIMETER, (Spec AN-A30) (AERNO 60-700) (GFAE) (intrch wth type C12 Spec 94-27957A, AERNO 60-600 or type C16 Spec 94-27386, AERNO 60-1050 or AN5760T4B, Spec AN-A30)	1	
-7	No Number	.	INDICATOR ASSY, Airspeed - machmeter type ME4 (Spec MIL-I25137 (Amend 1) (GFAE)	1	
-8	3122-11	.	VOLTMETER ASSY, Direct current panel (Spec AN-A19A) (AN3203V30) (GFAE) (intrch wth General Electric 8DW53VBA10)	1	
-9	MS25025-1	.	LOADMETER, Type J1 (use Spec MIL-A5125 or Spec 32529 until exh)	1	
-10	No Number	.	INDICATOR ASSY, Bank and turn type C5 (Spec 21106) (AERNO 60-5700) (GFAE)	1	A
-11	No Number *2	.	INDICATOR ASSY, Directional gyroscopic type V8 (Spec MIL-I6424) (AERNO 60-1482) (GFAE)	1	
-12	No Number	.	INDICATOR ASSY, Cabin press 1 7/8 dial (Spec MIL-I5099) (AERNO 60-603) (GFAE) (intrch wth type MA1 Spec MIL-I5099A or type A1 Spec 21338, AERNO 60-601)	1	
-13	AN5825T5	.	INDICATOR ASSY, Rate of climb (Spec AN-I33) (AERNO 60-6900) (GFAE) (intrch with AN5825T3, AERNO 60-6800 or AN5825T6, AERNO 60-6901 or 94-27967A, type C2 or AN5825-7, Spec MIL-I7721)	1	
-14	No Number	.	INDICATOR ASSY, Attitude type J8 (Spec MIL-I5133) (AERNO 60-5933) (GFAE)	1	A
-15	EA721G1A	.	INDICATOR ASSY, Fuel level (Liquidometer) (Spec MIL-G5672)	1	
-16	36700-1A1A3	.	INDICATOR ASSY, Fuel flow (Eclipse-Pioneer) (intrch wth Eclipse-Pioneer 36700-1A1B1)	1	A
-17	No Number	.	INDICATOR ASSY, Fuel press type C34 (MS28010-7) (Spec MIL-I6301) (AERNO 61-2482) (GFAE)	1	A
-18	No Number	.	INDICATOR ASSY, Oil press type B20 (Spec 21319)	1	A
-19	No Number	.	INDICATOR ASSY, Thermocouple temp jet exhaust type K7 (Spec 27332) (AERNO 61-8855) (GFAE)	1	A
-20	No Number	.	INDICATOR ASSY, Tachometer type E32 (Spec 27144) (AERNO 61-215) (GFAE)	1	A
-21	No Number	.	ACCELEROMETER ASSY, Aircraft single pointer pilot's warning 0-10 "G" units tupe B4 (Spec 27663B) (AERNO 60-205) (GFAE) (intrch wth type B6 MS28025-1, Spec MIL-A5885), (AERNO 60-206)	1	
	ATTACHING PARTS FOR INSTRUMENTS				
-22	AN507B632R20	.	SCREW	16	
-23	AN507UB632R20	.	SCREW	17	
-24	AN515B6R20	.	SCREW	34	
-25	AN515UB6R20	.	SCREW	3	
-26	AN507UB8R20	.	SCREW	1	
-27	AN515B10R20	.	SCREW	1	
	---*---				
	A8942-632-24A	.	NUT, (Tinnerman)	66	
-28	B8701	.	FIXTURE, Instrument lighting (Grimes)	1	
-29	B6636	.	FIXTURE, Instrument lighting (Grimes)	1	
-30	B6610	.	FIXTURE, Instrument lighting (Grimes)	7	
-31	B4751	.	FIXTURE, Instrument lighting (Grimes)	4	
-32	B6628A	.	FIXTURE, Instrument lighting (Grimes)	1	
-33	B5610-24	.	FIXTURE, Instrument lighting (Grimes)	1	
-34	223-51071-2	.	PLATE ASSY, Instrument light mounting	1	
-34A	B6602	.	FIXTURE, Instrument lighting (Grimes)	1	
-35	B4850	.	FIXTURE, Instrument lighting (Grimes)	1	
-36	B6611	.	FIXTURE, Instrument lighting (Grimes)	1	
-37	A6745-24	.	FIXTURE, Instrument lighting (Grimes)	2	
-38	B4752	.	FIXTURE, Instrument lighting (Grimes)	1	
-39	AN515B8R8	.	SCREW	4	
-40	10681-100 *3,*4	.	SWITCH ASSY, Illuminated landing gear control (Carma)	1	
	Comm	. .	SCREW, Cadium plated socket 6-32NC x 1/8	2	
	10671-2	. .	KNOB ASSY, LG control switch (Carma)	1	
	323SR	. .	LAMP, Special base instrument (General Electric)	1	
	V3-444	. .	SWITCH, (Micro-Switch)	4	
	11101 *4	.	SHIELD, Landing gear switch (Carma)	1	
-41	C1006GUR	.	SWITCH AND GUARD, (emergency LG up) (Hetherington)	1	
-42	AN3021-1	.	SWITCH, (hydraulic selector)	1	
-43	AN3157-4	.	LIGHT ASSY	4	
	AN3121-313	.	LAMP	4	
-44	AN3157-6	.	LIGHT ASSY	1	
	AN3121-313	.	LAMP	1	
-45	AN3436-1-9	.	TERMINAL BLOCK ASSY	1	
	AN3433-2-8	.	BUS	1	
	5S7-3-10-1-9	.	STRIP, (North American)	1	
	AN3434-1	.	INSULATOR	1	
	397-9	.	COVER, (Henry Engineering)	1	

(Nomenclature continued on next page)

FUSELAGE INSTRUMENTS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
185A-46	MS25041-4	.	LIGHT ASSY	1	
	AN3140-327	.	LAMP	1	
-47	AN3157-6	.	LIGHT ASSY	2	
	AN3121-313	.	LAMP	2	
-48	138187	.	SWITCH, Snap (Ucinite) (fire system test)	1	
-49	C10FA548	.	VIBRATOR ASSY, Integral radio noise filter (Globe Industries). (use Globe Industries C10FA543 until exh)	1	
-50	AN837-4D	.	ELBOW (on ME4 Mach.)	2	
	AN6290-4	.	GASKET (on ME4 Mach.)	2	
	AN924-4D	.	NUT (on ME4 Mach.)	2	
-51	202-510032	.	PANEL ASSY, Pilot's instrument, assy of	1	
-52	202-51111	. .	DECAL, Invertor off warning light	1	
-53	202-51113	. .	DECAL, Over heat detector aft radio compartment warning light	1	
-54	191-51033	. .	DECAL, Elec fire detector aft warning light	1	
-55	191-51034	. .	DECAL, Elec fire detector test switch	1	
-56	191-51035	. .	DECAL, Elec fire detector fwd warning light	1	
-57	176-51108	. .	DECAL, Landing gear control handle up position	1	
-58	176-51107	. .	DECAL, Landing gear control handle down position	1	
-59	176-51112	. .	DECAL, Landing gear emer up switch	1	
-60	170-51110	. .	DECAL, Generator output warning light	1	
-61	170-51112	. .	DECAL, Control surfaces position warning light.	1	
-62	151-53081	. .	DECAL, Pitot's checklist locating	1	
-63	202-510033	. .	DECAL, Identification hyd press selector switch	1	
-64	98293-2-220	. .	STUD, (United-Carr)	8	
	99785-2	. .	CROSS PIN, (United-Carr).	8	

*1 Altimeter part number 671CPU19-015D (Kollsman) will replace all existing altimeters when reworked per T.O. 1F-86-524.
*2 Type V8 directional gyro (Spec MIL-I6424) only will be used on airplanes noted when reworked per T.O. 1F-86F-505).
*3 Refer to T.O. 1F-86-534.
*4 Carma 10681-100 together with Carma 11101 shield is intrch wth Robertshaw-Fulton 399-60001 together with Robertshaw-Fulton 399-60003 boot.
*5 Used on airplanes modified per T.O. 1F-86F-532.

USABLE ON CODE: A 51-2850 thru 51-2877

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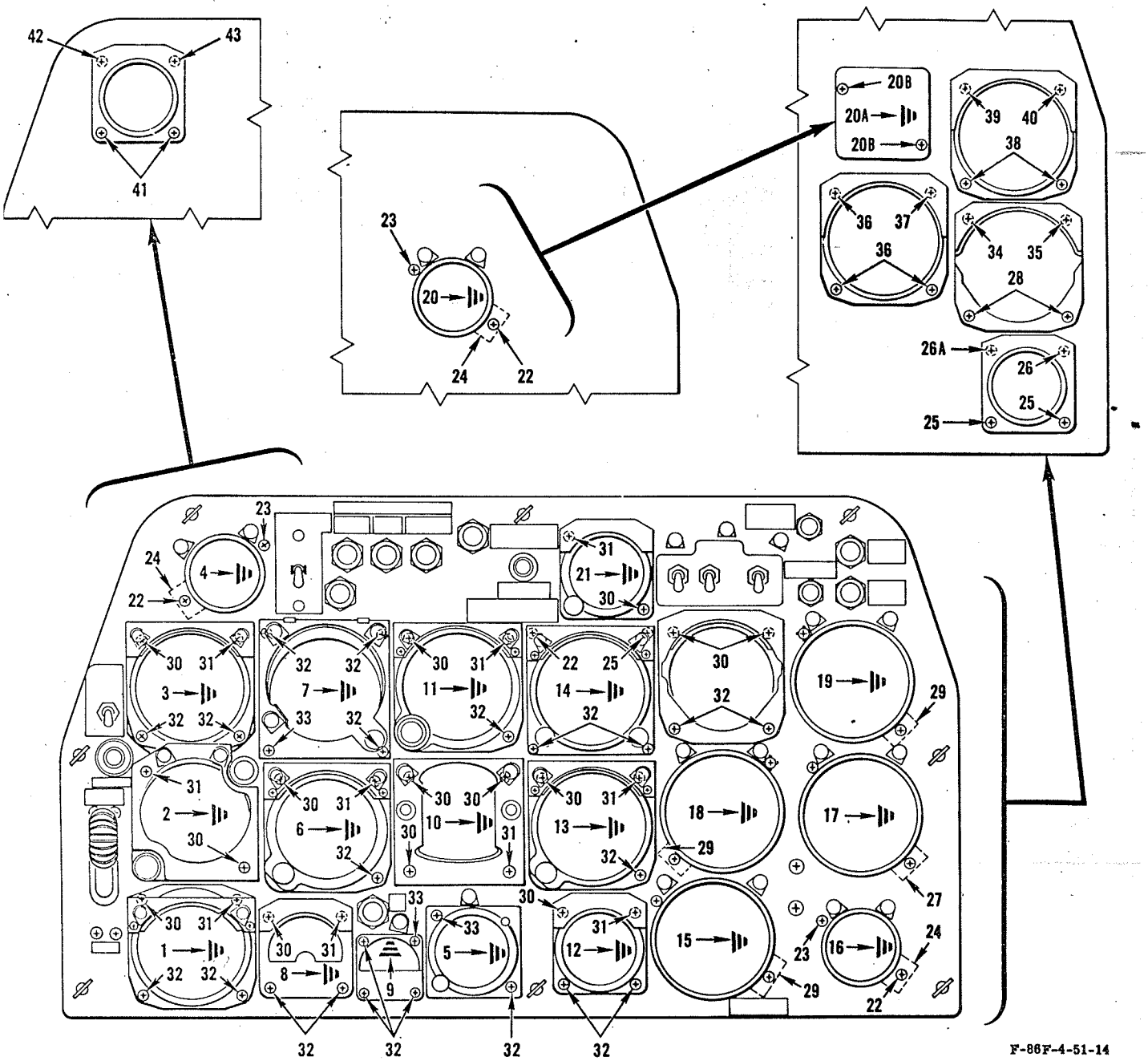


F-86F-4-51-14

FIGURE 185B - PILOT'S INSTRUMENT COMPLETE PANEL ASSEMBLY (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
185B	202-050016	*5	PANEL ASSY, Pilot's instrument complete (modification) . . . . . (See figure 185C for additional breakdown)	1	A
	202-050016-10	*5	PANEL ASSY, Pilot's instrument complete (modification) . . . . . (See figure 185C for additional breakdown)	1	B
	202-050016-20	*5	PANEL ASSY, Pilot's instrument complete (modification) . . . . . (See figure 185C for additional breakdown)	1	C
	202-050016-30	*5	PANEL ASSY, Pilot's instrument complete (modification) . . . . . (See figure 185C for additional breakdown)	1	D
	202-050016-40	*5	PANEL ASSY, Pilot's instrument complete (modification)	1	E
-1	ID310/ARN		. INDICATOR ASSY, Range (Spec MIL-I8692 (AER) -1) (GFAE). . . .	1	
-2	ID351/ARN		. INDICATOR ASSY, Course pointer (Spec MIL-I8303) (GFAE). . . . (intrch wth ID249/ARN)	1	
-3	ID250/ARN		. INDICATOR ASSY, Course (GFAE)	1	
-4	No Number		. INDICATOR ASSY, Hydraulic press synchro type (MS28010-5). . . (Spec MIL-I7084) (AERNO 61-1456) (GFAE) (intrch wth type E1, Spec 21311, AERNO 61-1456)	1	

FUSELAGE INSTRUMENTS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
185B-5	AN5743T1A								CLOCK ASSY, 1 7/8 in. dial (Spec ANC99A) (AERNO 60-1200) (GFAE) (intrch wth type 13A, 1 hr elapsed time 12 hr dial, Spec MIL-C6499, AERNO 60-1201)	1	
-6	AN5760T2A	*3							ALTIMETER, (Spec AN-A30) (AERNO 60-700) (GFAE) (intrch wth type C12 Spec 94-27957A, AERNO 60-600 or type C16 Spec 94-27386, AERNO 60-1050 or AN5760T4B, Spec AN-A30)	1	
-7	No Number								INDICATOR ASSY, Airspeed-machmeter type ME4 (Spec MIL-I25137, Amend 1) (GFAE)	1	
-8	3122-11								VOLTMETER ASSY, Direct current panel (Spec AN-A19A) (GFAE) (AN3203V30) (intrch wth General Electric 8DW53VBA10)	1	
-9	MS25025-1								LOADMETER, type J1 (use Spec MIL-A5125 or spec 32529 untl exh)	1	
-10	MS28024-1								INDICATOR ASSY, Turn and slip (Spec MIL-I7805) (GFAE) (AERNO 60-5701)	1	
-11	No Number	*4							INDICATOR ASSY, Directional gyro type V8 (Spec MIL-I6424) (AERNO 60-1482) (GFAE)	1	
-12	No Number								INDICATOR ASSY, Cabin press 1 7/8 dial (Spec MIL/I5099) (AERNO 60-603) (GFAE) (intrch wth type MA1, Spec MIL-I5099A or type A1 Spec 21338, AERNO 60-601)	1	
-13	AN5825T5								INDICATOR ASSY, Rate of climb (Spec AN-I33) (GFAE) (AERNO 60-6900) (intrch wth AN5825T3, AERNO 60-6800 or AN5825T6, AERNO 60-6901 or 94-27967A, type C2 or AN5825-7, Spec MIL-I7721)	1	
-14	191-51120								INDICATOR ASSY, Type V8 attitude gyro dive angle	1	
	No Number								INDICATOR ASSY, Attitude type V8 (Spec MIL-I5133A) (GFAE) (AERNO 60-5933)	1	
-15	EA721G1A								INDICATOR ASSY, Fuel level (Liquidometer) (Spec MIL-G5672)	1	
-16	No Number								INDICATOR ASSY, Oil press synchro style single 0-100 psi (Spec MIL-I7086) (MS28010-2) (AERNO 61-3121) (GFAE) (intrch wth type B20, Spec 21319)	1	
-17	No Number								INDICATOR ASSY, Exhaust temperature type K8 (Spec MIL-I5892A) (GFAE) (AERNO 61-8856) (intrch wth type K7, Spec 27332, AERNO 61-8855, GFAE)	1	
-18	6200B12A9A5								INDICATOR ASSY, Fuel flow (Eclipse-Pioneer) (type A14) (GFAE) (intrch with Spec MIL-I7203, type A20, GFAE)	1	
-19	No Number								INDICATOR ASSY, Tachometer elec single 2 3/4 dial 0 to 100% rpm type E32 (Spec 27144) (AERNO 61-215) (GFAE) (intrch wth type A34, Spec MIL-I6470, AERNO 61-223)	1	
-20	No Number								INDICATOR ASSY, Fuel press type C34 (MS28010-7) (Spec MIL-I6301) (AERNO 61-2482) (GFAE)	1	
-20A	152-51064-3	*1							PLATE, Instrument panel blank off	1	
	202-513004	*2							PLATE, Close-out inst panel	1	
-20B	AN515B6R8	*1*2							SCREW	2	
	6939-632-24A	*1*2							NUT, (Tinnerman)	2	
-21	No Number								ACCELEROMETER ASSY, Aircraft single pointer pilot's warning B-10 "G" units type B6 (MS28025-1) (Spec MIL-A5885A) (AERNO 60-206) (GFAE)	1	
	ATTACHING PARTS FOR INSTRUMENTS										
-22	AN520B10R20								SCREW	3	
-23	AN507B8R20								SCREW	3	
-24	AN5808-1								CLAMP	3	
-25	AN515B6R20								SCREW, (Used on type B20 oil press indicator)	2	
-26	AN507UB632R20								SCREW, (Used on type B20 oil press indicator)	1	
-26A	AN507B632R20								SCREW, (Used on type B20 oil press indicator)	1	
-27	AN5808-2								CLAMP, (Screws furnished with clamp)	2	
-28	AN515B6R20								SCREW, (Used on type K7 exhaust temp indicator)	2	
-29	No Number								CLAMP, (Type A2) (Spec MIL-C6359) (mtg screws furnished with clamps)	3	
-30	AN507B63R20								SCREW	13	
-31	AN507UB632R20								SCREW	10	
-32	AN515B6R20								SCREW	21	
-33	AN515UB6R20								SCREW	3	
-34	AN507B632R20								SCREW, (Used on type K7 exhaust temp indicator)	1	
-35	AN507UB632R20								SCREW, (Used on type K7 exhaust temp indicator)	1	
-36	AN507B632R20								SCREW, (Used on type A20 fuel flow indicator)	3	
-37	AN515UB6R20								SCREW, (Used on type A20 fuel flow indicator)	1	
-38	AN515B6R20								SCREW, (Used on type A34 tachometer)	2	
-39	AN507B632R20								SCREW, (Used on type A34 tachometer)	1	
-40	AN507UB632R20								SCREW, (Used on type A34 tachometer)	1	
-41	AN515B6R20								SCREW, (Used on type E1 hyd press indicator)	2	
-42	AN507B632R20								SCREW, (Used on type E1 hyd press indicator)	1	
-43	AN507UB632R20								SCREW, (Used on type E1 hyd press indicator)	1	

*1 Used on airplanes when fuel pressure indicator is removed.
*2 Used on airplanes when dive & roll indicator is removed.
*3 Altimeter part number 671CPU19-015D (Kolsman) will replace all existing when reworked per T.O. 1F-87-524.
*4 Type V8 directional gyro (Spec MIL-I6424) only will be used on airplanes noted when reworked per T.O. 1F-86F-505.
*5 Used on airplanes modified per T.O. 1F-86F-532.

A 51-2878 thru 51-12976
51-13070 thru 51-13454
52-4305 thru 52-4745
B 51-13455 thru 52-5530
52-4746 thru 52-5163
C 52-5164 thru 53-1228
D 55-3816 thru 55-4030
E 55-4983 thru 55-5047

FUSELAGE INSTRUMENTS

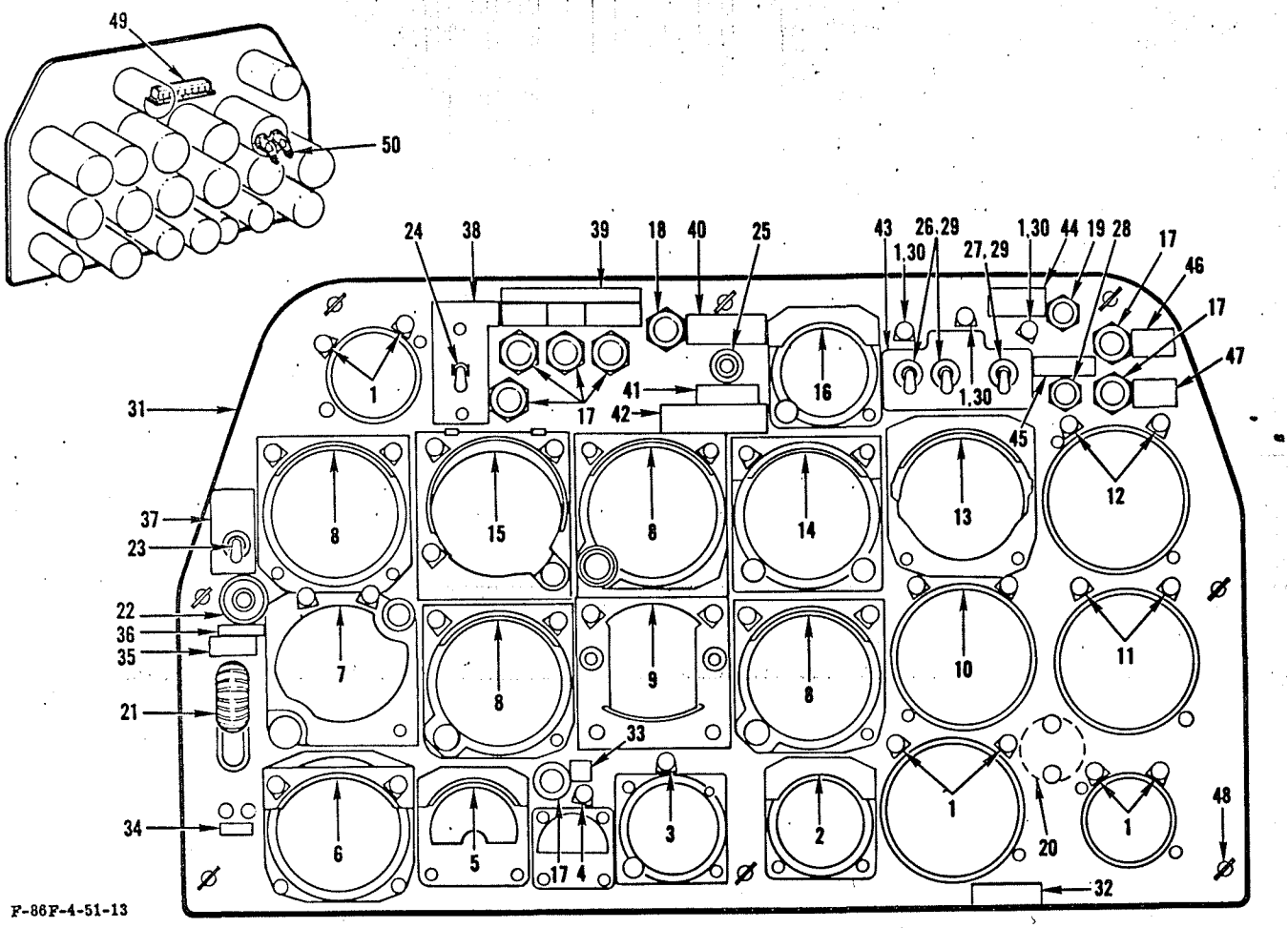


FIGURE 185C - PILOT'S INSTRUMENT COMPLETE PANEL ASSEMBLY, (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
	202-050016	*4	PANEL ASSY, Pilot's instrument complete (modification) (see figure 185B for additional breakdown)	1	A
	202-050016-10	*4	PANEL ASSY, Pilot's instrument complete (modification) (see figure 185B for additional breakdown)	1	B
	202-050016-20	*4	PANEL ASSY, Pilot's instrument complete (modification) (see figure 185B for additional breakdown)	1	C
	202-050016-30	*4	PANEL ASSY, Pilot's instrument complete (modification) (see figure 185B for additional breakdown)	1	D
	202-050016-40	*4	PANEL ASSY, Pilot's instrument complete (modification) (see figure for additional breakdown)	1	E
-1	A5299-24		. FIXTURE, Instrument lighting (Grimes)	9	
-2	B4850		. FIXTURE, Instrument lighting (Grimes)	1	
-3	A5610-24		. FIXTURE, Instrument lighting (Grimes)	1	
-4	A4613		. FIXTURE, Instrument lighting (Grimes)	1	
-5	B4751		. FIXTURE, Instrument lighting (Grimes)	1	
-6	B8701		. FIXTURE, Instrument lighting (Grimes)	1	
-7	B6636		. FIXTURE, Instrument lighting (Grimes)	1	
-8	B6610		. FIXTURE, Instrument lighting (Grimes)	4	
-9	B6602		. FIXTURE, Instrument lighting (Grimes)	1	
-10	A5299-24		. FIXTURE, Instrument lighting (Grimes) (used on type A20 fuel flowmeter) (intrch wth A5605-24)	2	
	B4855		. FIXTURE, Instrument lighting (Grimes) (used on type A14 fuel flowmeter)	1	

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
185C-11	A5605-24	.	FIXTURE, Instrument lighting (Grimes)	2	
-12	B4755	.	FIXTURE, Instrument lighting (Grimes) (used on type E32 tachometer)	1	
	A5299-24	.	FIXTURE, Instrument lighting (Grimes) (used on type E34) (intrch wth A5605-24)	2	
-13	B4760	.	FIXTURE, Instrument lighting (Grimes) (used on dive & roll indicator)	2	
	A5299-24	.	FIXTURE, Instrument lighting (Grimes) (used on fuel press. indicator)	1	
-14	B6611	.	FIXTURE, Instrument lighting (Grimes)	1	
-15	B6628A	.	FIXTURE, Instrument lighting (Grimes)	1	
-16	B4880	.	FIXTURE, Instrument lighting (Grimes)	1	
-17	AN3157-6	.	LIGHT ASSY.	7	
	AN3121-313	.	LAMP.	7	
-18	AN3157-4	.	LIGHT ASSY.	1	
	AN3121-313	.	LAMP.	1	
-19	MS25041	.	LIGHT ASSY.	1	
	AN3140-327	.	LAMP.	1	
-20	C10FA548-2	.	VIBRATOR ASSY, Integral radio noise filter (Globe Industries). (use Globe Industries C10FA548 untl exh) (intrch wth Safe Flight Corp 22400)		
	ATTACHING PARTS				
	AN507B1032R7	.	SCREW	1	
	AN507UB1032R7	.	SCREW	1	
	AN935A108	.	WASHER.	2	
	---*---				
-21	10681-100	*1*2 .	SWITCH ASSY, Illuminated landing gear control (type B) (Carma) (reworked per T.O. 1F-86-141)	1	
	6-32NC x 1/8	. .	SCREW, Cadmium socket headless steel set	2	
	10671-2	. .	KNOB ASSY, LG control switch	1	
	323SR	. .	LAMP, Special base instrument (General Electric)	1	
	V3-444	. .	SWITCH, (micro-switch)	1	
-22	C100B9RSH	.	SWITCH ASSY, (Heatherington) (emer gear up) (intrch wth Heatherington C8100)	1	
-23	AN3021-3	.	SWITCH ASSY, (emer fuel)	1	
-24	4AT4	.	SWITCH ASSY, (micro-switch) (hyd press)	1	
	AN515B6R7	.	SCREW	2	
-25	W102DB3	.	SWITCH ASSY, (Heatherington) (compass fast slaved) (use C3100DB3 untl exh)	1	
-26	AN3021-2	.	SWITCH ASSY, (LABS)	2	
-27	MS25068-3	.	SWITCH ASSY, (LABS)	1	
-28	138187	*3 .	SWITCH, (fire system test) (Ucinite)	1	
-29	BS51338	.	PLUG, (United-Carr) (used on airplanes with LABS provisions, LABS not installed)	3	
-30	XX49324	.	PLUG, (United-Carr) (used on airplanes with LABS provisions, LABS not installed)	3	
-31	202-51303	.	PANEL ASSY, Pilot's instrument, assy of	1	C,D
	202-51303-11	.	PANEL ASSY, Pilot's instrument, assy of	1	A,B
	202-51303-13	.	PANEL ASSY, Pilot's instrument, assy of	1	E
-32	151-53081	. .	DECAL, Pilot's checklist locating.	1	
-33	170-51110	. .	DECAL, Generator output warning light.	1	
-34	176-51107	. .	DECAL, Landing gear control handle down position	1	
-35	176-51108	. .	DECAL, Landing gear control handle up position	1	
-36	176-51112	. .	DECAL, Landing gear emer up switch	1	
-37	202-51015	. .	NAMEPLATE, Elec emer fuel pump switch.	1	
-38	202-51112	. .	DECAL, Elec hyd press selector switch.	1	
-39	202-51111	. .	DECAL, Invertor off warning light.	1	A,B,C,D
	202-51111-3	. .	DECAL, Invertor off warning light.	1	E
-40	170-51112	. .	DECAL, Control surfaces position warning light	1	
-41	191-51110	. .	DECAL, J2 compass system fast slave switch	1	A,B,C,D
-42	191-51109	. .	DECAL, J2 compass system fast slave switch warning	1	A,B,C,D
-43	202-51052	. .	NAMEPLATE, Cockpit encl inst panel LABS switch	1	C,D,E
-44	202-51113	. .	DECAL, Overheat detector aft radio compartment warning light	1	
-45	191-51034	. .	DECAL, Electrical fire detector test switch.	1	
-46	191-51035	. .	DECAL, Electrical fire detector fwd warning light.	1	
-47	191-51033	. .	DECAL, Electrical fire detector aft warning light.	1	
-48	W98293-2-220	. .	STUD, (United-Carr)	8	
	99785-2	. .	CROSS PIN, (United-Carr)	8	
-49	AN3436-1-9	.	TERMINAL BLOCK ASSY, (instrument panel)	1	
	397-9	.	COVER, (Henry Engineering)	1	
-50	AN837-4D	.	ELBOW, (airspeed mach indicator)	2	
	AN924-4D	.	NUT, (airspeed mach indicator)	2	
	AN6290-4	.	GASKET, (airspeed mach indicator)	2	

*1 Refer to T.O. 1F-86-534.
*2 Carma 10681-100 together with Carma 11101 shield is intrch wth Robertshaw Fulton 399-60001 together with Robertshaw Fulton 399-60003 boot.
*3 Refer to T.O. 1F-86F-34.
*4 Used on airplanes modified per T.O. 1F-86F-532.

USEABLE ON CODE:
A 51-2878 thru 51-12976
51-13070 thru 51-13454
52-4305 thru 52-4745
B 51-13455 thru 52-5530
52-4746 thru 52-5163
C 52-5164 thru 53-5163
D 55-3816 thru 55-4030
E 55-4983 thru 55-5047

FUSELAGE INSTRUMENTS (Cont)

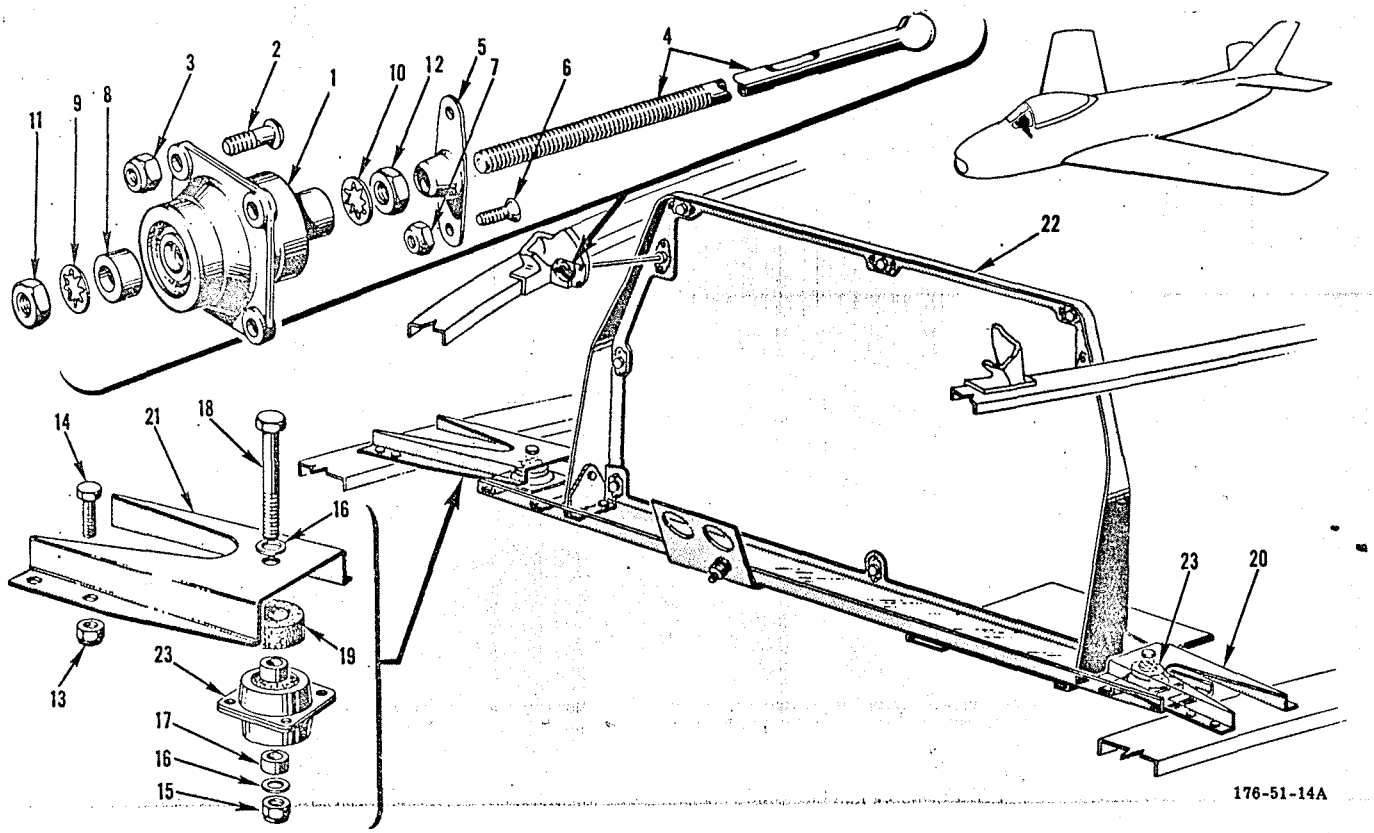


FIGURE 186 - INSTRUMENT SHOCK MOUNT EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
186	No Number	PILOT'S INSTRUMENT PANEL SUPPORT AND ATTACHING EQUIPMENT . . . . (see figure 178 for next assembly)	NP	
-1	6952K	. MOUNT, (Robinson)	2	A
	K114	. MOUNT, (Robinson)	2	B
-2	AN515C8-9	. SCREW	8	A
	AN503-8-6	. SCREW	8	A,B
	AN503-8-6	. SCREW	2	A,B
-3	AN363C832	. NUT	8	
-4	5B15D47-22	. BOLT, Panel (North American)	2	A
	5B15D29-12	. BOLT, Panel (North American)	2	B
-5	5B16	. RETAINER, Bolt (North American)	2	A,B
-6	AN507B632R6	. SCREW	4	A,B
-7	AN365B632	. NUT	4	A,B
-8	4S3D416-8	. SPACER, Bolt (North American)	2	A
-9	AN936A416	. WASHER	2	A,B
-10	AN936A416	. WASHER	2	
-11	AN341-416	. NUT	2	A
-12	AN341-416	. NUT	2	A,B
-13	AN363C1032	. NUT	8	
-14	5B17C3A	. BOLT, Corrosive resistant 10-32 (North American)	8	
-15	AN363C428	. NUT	2	
-16	AN960C416	. WASHER (2 req on RH side)	1	
-17	4S3-416-14	. SPACER, Bolt (North American)	2	A
	NAS43C4-28	. SPACER, Screw and bolt	2	B
-18	5B18C25A	. BOLT, (North American) (RH only)	1	
	5B18C22A	. BOLT, (North American)	1	
-19	4503-56	. CUSHION (Robinson Aviation, Inc.)	2	
-20	170-51024-1	. SUPPORT ASSY, Lower shock absorber mounting LH	1	
-21	170-51024-2	. SUPPORT ASSY, Lower shock absorber mounting RH	1	
-22	170-51004-30	. SUPPORT ASSY, Pilot's instrument panel	1	C
	172-51004	. SUPPORT ASSY, Pilot's instrument panel	1	D,F
	172-51004-10	. SUPPORT ASSY, Pilot's instrument panel	1	G
	172-51004-20	. SUPPORT ASSY, Pilot's instrument panel	1	H,K
	170-51004-11	. . MOUNT ASSY, Pilot's instrument panel support	1	C
	172-51004-11	. . MOUNT ASSY, Pilot's instrument panel support	1	J
-23	6952-1L	. . . MOUNT, Square plate type shock (Robinson) (use Robinson 6952L until exh)	1	

USEABLE ON CODE:
A 51-13070 thru 51-13346, 52-4305 thru 52-4604
B 51-13397 thru 51-13510, 52-4605 thru 52-5271, 52-5272 thru 52-5530
C 51-2850 thru 51-2877
D 51-2878 thru 51-13969
F 51-13070 thru 51-13089
G 51-13090 thru 51-13226
H 51-13227 thru 52-5163, 52-5272 thru 52-5530
J 51-2878 and subs
K 52-5164 thru 52-5271, 53-1072 and subs

FUSELAGE INSTRUMENTS (Cont)

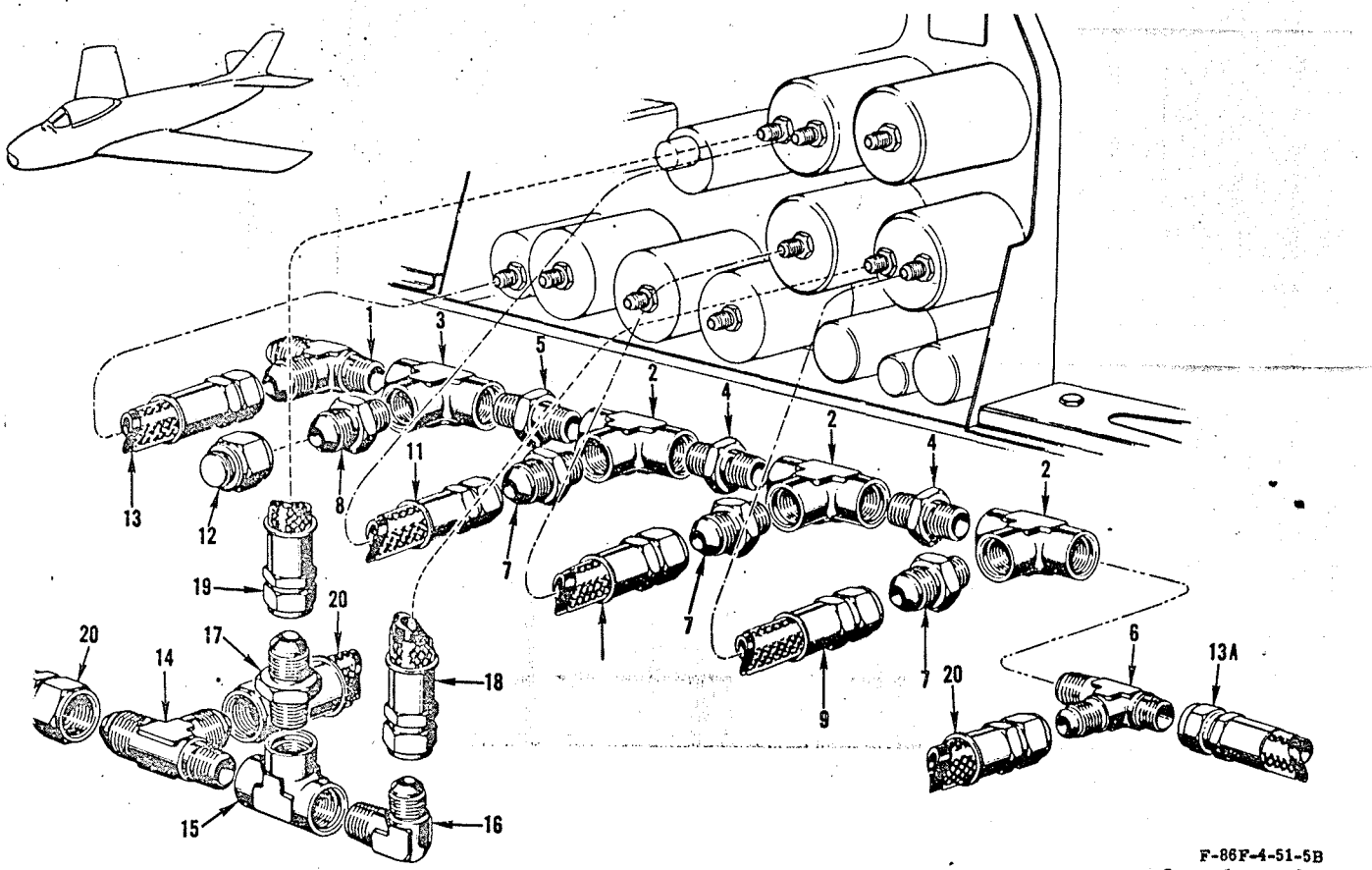
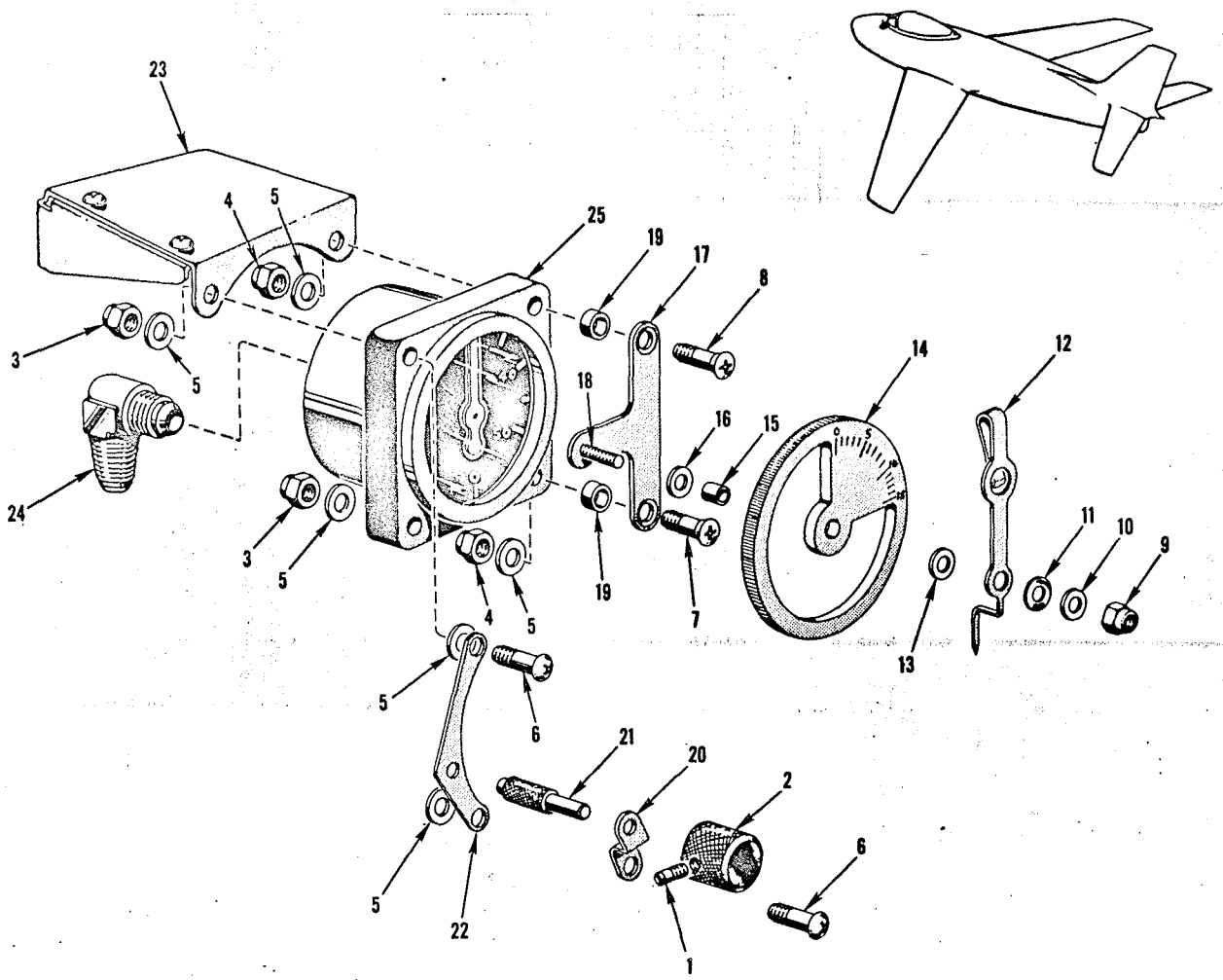


FIGURE 187 - INSTRUMENT STATIC AND PRESSURE BLOCKS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
187	No Number		INSTRUMENT STATIC & PRESSURE BLOCKS, (see fig. 178 for next assy)	NP	
	170-51085-10		BLOCK ASSY, Airspeed static disconnect complete	1	A
	172-51085		BLOCK ASSY, Airspeed static disconnect complete	1	B
	191-51085		BLOCK ASSY, Airspeed static disconnect complete	1	C
-1	AN826-4D		TEE	1	
-2	AN917-1D		TEE	3	
-3	AN917-1D		TEE	1	A
-4	AN911-1D		NIPPLE	2	
-5	AN911-1D		NIPPLE	1	A,C
-6	AN826-4D	*1	TEE	1	
-7	AN816-4D		NIPPLE	3	
-8	AN816-4D		NIPPLE	1	A,C
-9	AN6270-4-16	*2	HOSE ASSEMBLY, (to machmeter)	1	A,B
	AN929-4	*3	CAP ASSEMBLY	1	
-10	AN6270-4-16		HOSE ASSEMBLY, (to altimeter)	1	
	AN6270-4-24		HOSE ASSEMBLY, (to manual P.P. control bombing altimeter)	1	C
-11	AN6270-4-18		HOSE ASSEMBLY, (to airspeed)	1	
-12	AN929-4		CAP	1	A
	AN6270-4-18		HOSE ASSEMBLY, (to airspeed)	1	B,C
-13	AN6270-4-16		HOSE ASSEMBLY, (to rate of climb)	1	
-13A	AN6270-4-28	*1	HOSE ASSEMBLY, (to dive bomb control altimeter)	1	
-14	AN826-4D		TEE	1	
-15	AN917-1D		TEE	1	
-16	AN822-4D		ELBOW	1	
-17	AN816-4D		NIPPLE	1	
-18	AN6270-4-24	*2	HOSE ASSEMBLY, (machmeter)	1	
	AN929-4	*3	CAP ASSEMBLY	1	
-19	AN6270-4-22		HOSE ASSEMBLY, (airspeed)	1	
-20	For continuation of these lines see figure 178.			Ref	

*1 Refer to T.O. 1F-86F-34.
*2 Not used on airplanes 51-2850 and 51-2851 that have been modified per T.O. 1F-86F-532.
*3 Used on airplanes 51-2850 and 51-2851 that have been modified per T.O. 1F-86F-532.
USEABLE ON CODE: A 51-2850 thru 51-13129 B 51-13130 thru 52-5163, 52-5272 thru 52-5530 C 52-5164 thru 52-5271, 53-1072 and subs

FUSELAGE INSTRUMENTS (Cont)



F-86F-4-51-2

FIGURE 188 - DIVE BOMB CONTROL COMPLETE ALTIMETER ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
188	191-51030	*1 ALTIMETER ASSEMBLY, Dive bomb control complete (see fig. 178 for next assembly)	Ref	A
	191-51020	. KNOB ASSEMBLY, Altimeter bombing scale adjusting	1	A
-1	AN565D4-3	. . SCREW	1	A
-2	191-51020-3	. . KNOB, Altimeter bombing scale adjusting	1	A
-3	AN365B632	. NUT	2	A
-4	AN365B832	. NUT	2	A
-5	AN960D8	. WASHER	6	A
-6	SK179BP6-12	. SCREW, (American Screw)	2	A
-7	AN507B832R14	. SCREW	1	A
-8	AN507B832R16	. SCREW	1	A
-9	AN365B440	. NUT	1	A
-10	2W1B8-12-32	. WASHER, Plain (North American)	1	A
-11	3502-10-1	. WASHER, (Shakeproof)	1	A
-12	191-51028	. POINTER, Altimeter bombing scale	1	A
-13	2W1B14-12-32	. WASHER, Plain (North American)	1	A
-14	191-51116	. SCALE ASSY, Manual pip control bombing altimeter	1	A
-15	191-51026	. BUSHING, AAltimeter bombing scale and pointer	1	A
-16	2W1B18-12-64	. WASHER, Plain (North American)	1	A
-17	191-51018	. SUPPORT ASSY, Altimeter bombing scale	1	A
-18	AN507UB440R8	. . SCREW	1	A
-19	NAS43DD3-9	. SPACER, Screw and bolt	2	A
-20	191-51021	. SUPPORT, Altimeter bombing knob	1	A
	AN936A6	. WASHER, (install between 191-51021 and 191-31032)	1	A
-21	191-51023	. ROLLER ASSY, Altimeter bombing scale adjusting	1	A
-22	191-51032	. PLATE, Altimeter bombing knob support	1	A
-23	191-51029	. BRACKET, Manual pip control bombing altimeter support	1	A
-24	AN822-4D	. ELBOW	1	A
-25	AC106-1P	. INDICATOR, Cabin press. alt ind (Lackner)(intrch wth Lackner AC106)		A

*1 Refer to T. O. 1F-86F-34.
USEABLE ON CODE: A 51-13170 and subs.

FUSELAGE INSTRUMENTS (Cont)

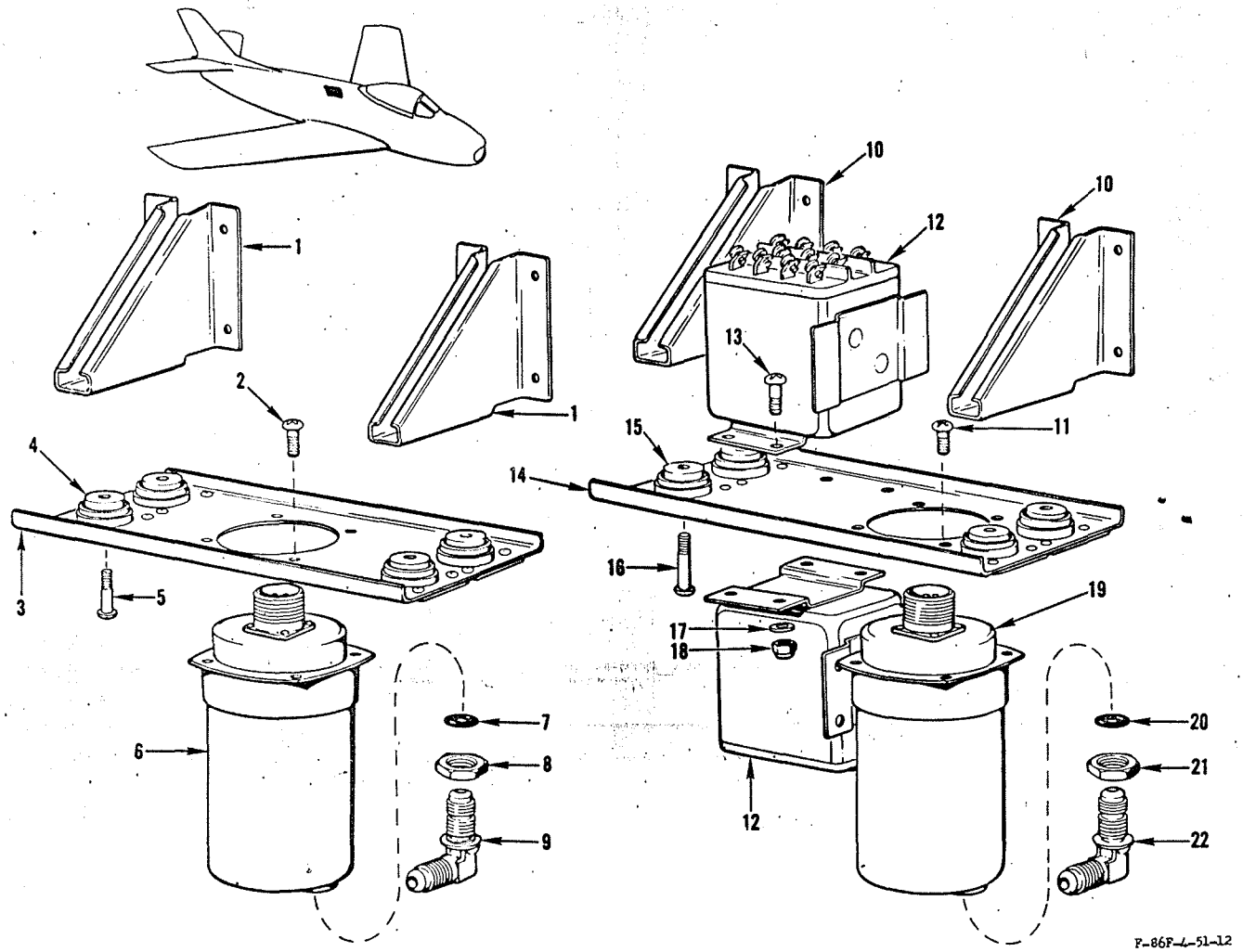


FIGURE 189 - OIL PRESSURE TRANSMITTER SUPPORT ASSEMBLIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
189			OIL PRESSURE TRANSMITTER SUPPORT ASSEMBLIES		
	191-51154		. . SUPPORT ASSY, Oil pressure transmitter complete (see fig. 180 for next assembly)	Ref	A
-1	147-51068		. . BRACKET ASSY, Fuel and oil pressure transmitter	2	A
-2	AN515-6R6		. . SCREW	4	A
-3	191-51171		. . BRACKET ASSY, Oil pressure transmitter	1	A
-4	809-2		. . . MOUNT, Met-L-Flex (Robinson)	4	A
-5	AN515-8R22		. . SCREW	4	A
-6	MS28005-2		. . TRANSMITTER, Oil press. type F2A (Spec MIL-T5796A) (GFAE). (intrch with (spec 2117) type F2 or (spec MIL-T5796) type F2A)	1	A
-7	AN902-4		. . GASKET	1	A
-8	AN924-4D		. . NUT	1	A
-9	AN833-4D		. . ELBOW	1	A
	227-51154		. SUPPORT ASSY, Oil press. transmitter complete (see fig. 180 for next assembly)	Ref	B
-10	147-51068		. . BRACKET ASSY, Fuel and oil pressure transmitter	2	B
-11	AN515-6R6		. . SCREW	4	B
-12	AN3312-1		. . RELAY	2	B
-13	AN515-8R8		. . SCREW	4	B
-14	227-51171		. . BASE ASSY, Oil pressure transmitter complete	1	B
-15	809-2		. . . MOUNT, Met-L-Flex (Robinson)	1	B
-16	AN515-8R22		. . SCREW	4	B
-17	2W18-8L		. . WASHER, Flat (North American)	4	B
-18	AN365-832		. . NUT	4	B
-19	MS28005-2		. . TRANSMITTER, Oil pressure type F2A (Spec MIL-T5796A) (GFAE) (intrch with (spec 2117) type F2 or (spec MIL-T5796) type F2A)	1	B
-20	AN902-4		. . GASKET	1	B
-21	AN924-4D		. . NUT	1	B
-22	AN833-4D		. . ELBOW	1	B

USEABLE ON CODE: A 52-4905 thru 52-5271, 52-5447 thru 52-5530, 53-1072 thru 53-1228
B 55-3816 and subs

FUSELAGE SURFACE CONTROLS (Cont)

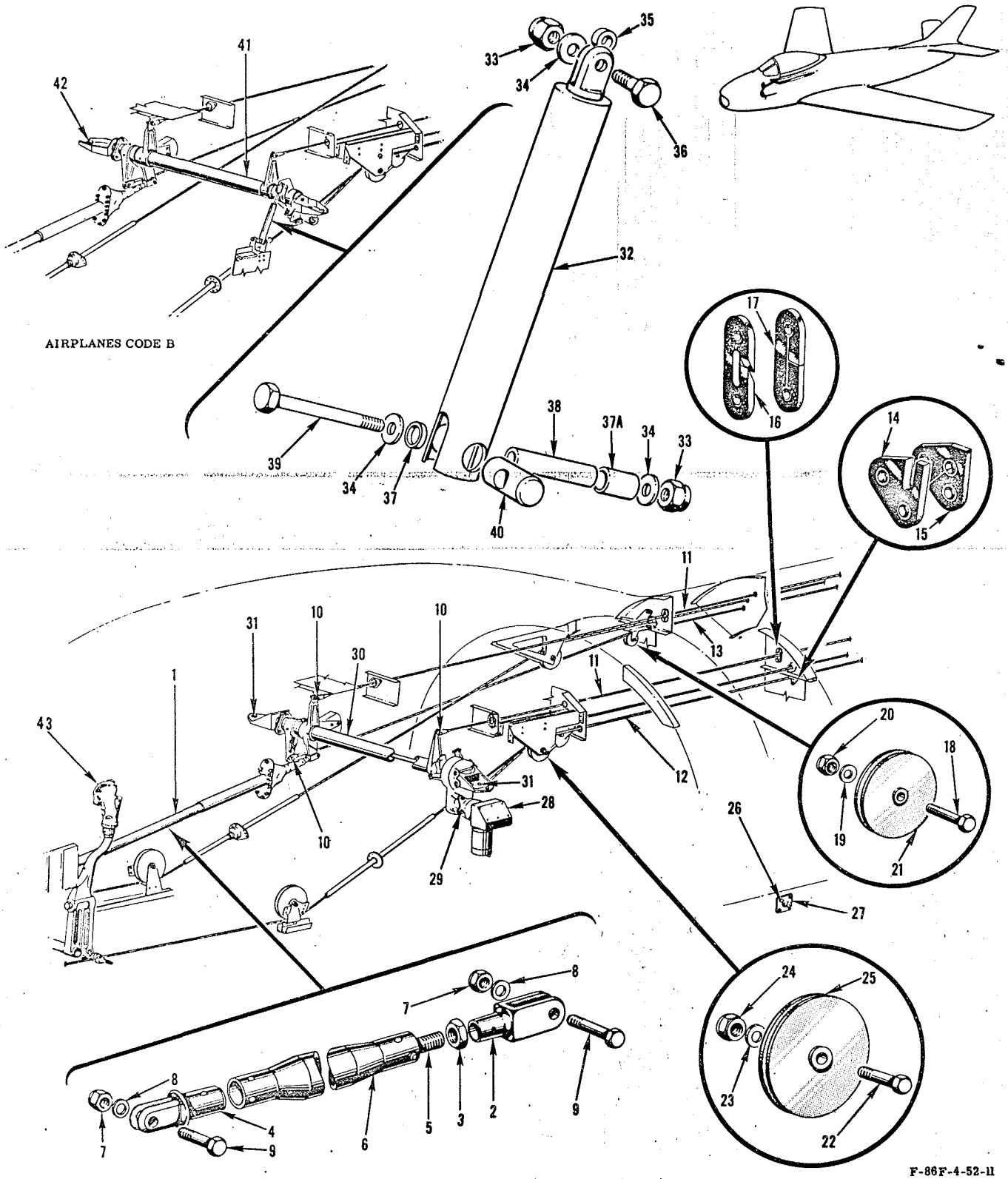


FIGURE 190 - FUSELAGE FORWARD SURFACE CONTROLS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
190	170-52031	SURFACE CONTROLS INSTL, Fuselage forward (see figure 108)	NP	A
	176-52031	SURFACE CONTROLS INSTL, Fuselage forward (see figure 108)	NP	B
	No Number	. FUSELAGE FORWARD RUDDER SURFACE CONTROLS, (see figure 193)	NP	
	No Number	. FUSELAGE FORWARD AILERON SURFACE CONTROLS, (see figure 197)	NP	
-1	170-52211	. ROD ASSY, Hor stab. control forward push pull complete	1	A
	170-52211-7	. ROD ASSY, Hor stab. control forward push pull complete	1	B
-2	170-522271	. . FORK, Hor stab. control fwd push pull rod adjusting	1	
-3	AN316-6R	. . NUT	1	
	170-52211-5	. . ROD ASSY, Hor stab. control forward push pull	1	A
	170-52211-11	. . ROD ASSY, Hor stab. control forward push pull	1	B
-4	140-52204	. . . FORK, Elevator control forward push pull fixed	1	
-5	140-52202	. . . END, Elevator control forward push pull	1	
-6	170-52211-3	. . . ROD, Hor stab. control forward push pull	1	A
	170-52211-9	. . . ROD, Hor stab. control forward push pull	1	B
-7	AN365-428	. NUT	2	
-8	AN960D416	. WASHER	2	
-9	AN174-12A	. BOLT	2	
-10	AN3-7	. BOLT	4	
	AN960D10	. WASHER	4	
	AN310-3	. NUT	4	
-11	170-52201	. CABLE ASSY, Horizontal stabilizer control forward upper	2	E
	227-52201	. CABLE ASSY, Horizontal stabilizer control fwd LH and RH upper	2	F
-12	170-52233	. CABLE ASSY, Horizontal stabilizer control forward lower LH	1	
-13	170-52203	. CABLE ASSY, Horizontal stabilizer control forward lower RH	1	
-14	151-52011	. FAIRLEAD, Elevator cable outboard	2	
-15	151-52012	. SEAL, Elevator cable outboard	2	
-16	170-52254	. FAIRLEAD, Horizontal stabilizer control cable	2	
-17	170-52255	. SEAL, Horizontal stabilizer control cable	2	
-18	AN3-12A	. BOLT	1	
-19	AN960D10	. WASHER	2	
-20	AN365-1032	. NUT	1	
-21	AN210-2B	. PULLEY	1	
-22	AN4-10A	. BOLT	1	
-23	AN960D416	. WASHER	1	
-24	AN365-428	. NUT	1	
-25	AN210-2B	. PULLEY	1	
-26	AN3-7A	. BOLT	4	
	AN960D10	. WASHER	4	
	AN365-1032	. NUT	4	
-27	M3357M1	. COUPLING, (Air Associates)(intrch wth 7579X0A White Dental).	1	
-28	D1040-2	. ACTUATOR, (Hoover)	1	A
	ATTACHING PARTS			
-29	AN174-33A	. BOLT	3	A
	AN960D416	. WASHER	3	A
	---*---			
-30	170-52225-5	. MECHANISM ASSY, Horizontal stab. control forward (see fig. 198)	1	A
	ATTACHING PARTS			
-31	AN4-6A	. BOLT	6	A
	AN960D416	. WASHER	6	A
	AN365-428	. NUT	6	A
	---*---			
-32	170-522281	. BUNGEE ASSY, Horizontal stabilizer control bobweight (see T. O. 16C1-1-114 for breakdown)	1	E
	170-522281-3	. BUNGEE ASSY, Horizontal stabilizer control bobweight (see T. O. 16C1-1-114 for breakdown)	1	F
	ATTACHING PARTS			
-33	AN365-1032	. NUT	2	
-34	AN960D10	. WASHER	3	
-35	4B21B3-005	. BUSHING, Spacer (North American)	1	
-36	AN23-11	. BOLT	1	
-37	NAS43DD5-30	. SPACER, Screw and bolt	1	
-37A	NAS43DD5-4	. SPACER, Screw and bolt	1	
-38	4B21S3-112	. BUSHING, Spacer (North American)	1	
-39	AN3-17A	. BOLT	1	
-40	170-522284	. TRUNNION, Horizontal stabilizer control bobweight bungee	1	
	---*---			
-41	176-52225	. MECHANISM ASSY, Hor stab. control fus sta 127.875 torque (whn exh use 176-52225-5) (see fig. 201 for breakdown)	1	C
	176-52225-5	. MECHANISM ASSY, Hor stab. control fus sta 127.875 torque (use 176-52225 untl exh) (see fig. 201 for breakdown)	1	C
	176-52225-9	. MECHANISM ASSY, Hor stab. control fus sta 127.875 torque (see figure 201 for breakdown)	1	D
	ATTACHING PARTS			
-42	AN4-7A	. BOLT	2	B
	AN4-10A	. BOLT	6	B
	AN960D416	. WASHER	8	B
	AN365-428	. NUT	8	B
	---*---			
-43	170-52101	. STICK ASSY, Pilot's contl complete (see fig. 191 for bkdn)	1	E
	170-52101-11	. STICK ASSY, Pilot's contl complete (see fig. 191 for bkdn)	1	F

USEABLE ON CODE:
A 51-2850 thru 51-12969
B 51-12970 and subs
C 51-12970 thru 51-31468, 52-4305 thru 52-4870
D 51-13469 thru 51-31510, 52-4871 and subs
E 51-2850 thru 53-1228
F 55-3816 and subs

FUSELAGE SURFACE CONTROLS (Cont)

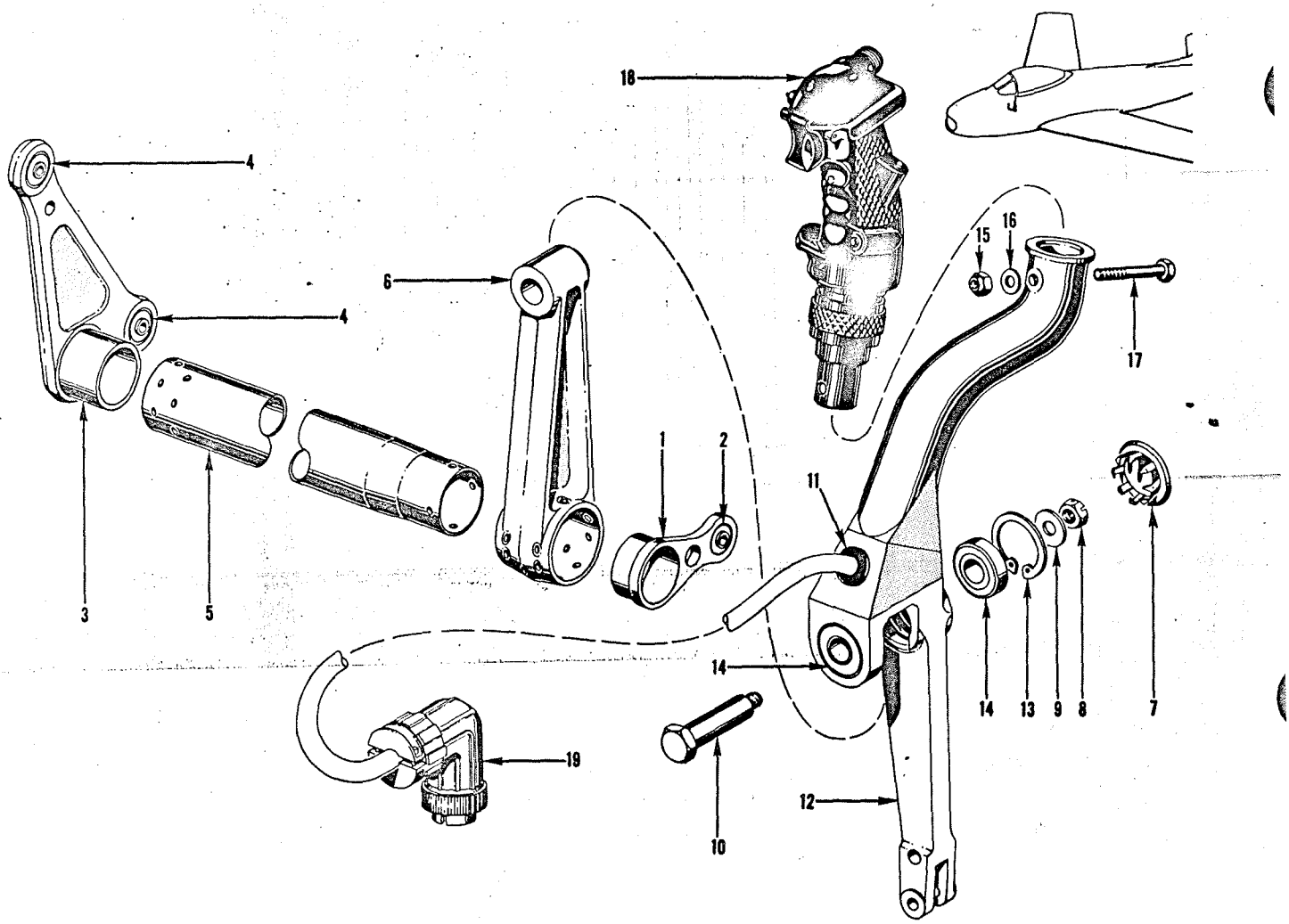


FIGURE 191 - PILOT'S CONTROL COMPLETE STICK ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
191	170-52101	STICK ASSY, Pilot's control complete (see fig. 190 for next assy)	Ref	A
	170-52101-11	STICK ASSY, Pilot's control complete (see fig. 190 for next assy)	Ref	B
	170-52101-3	. STICK SUB-ASSEMBLY, Pilot's control complete	1	
-1	140-52107	. . PIVOT ASSEMBLY, Pilot's control stick	1	
-2	AN201KP4A	. . . BEARING	1	
-3	152-52102-5	. . HORN ASSEMBLY, Pilot's control stick elevator	1	
-4	AN200K4	. . . BEARING	2	
-5	140-52108	. . TUBE, Pilot's control stick torque	1	
-6	152-52104-5	. . BASE, Pilot's control stick	1	
-7	48132	. BUTTON, Plug (United-Carr)	1	
-8	AN320-5	. NUT	1	
-9	2W2SP21-28-62	. WASHER, Thrust (North American)	1	
-10	140-52102	. PIN, Pilot's control stick pivot	1	
-11	AN931B7-11	. GROMMET, Elastic	1	
-12	170-52103	. STICK ASSEMBLY, Pilot's control	1	
-13	NAS50-137	. . RING, Internal retainer	1	
-14	AN201K10A	. . BEARING, Intermediate duty deep groove metal shield	2	
-15	AN365-1032	. NUT	1	
-16	AN960D10	. WASHER	1	
-17	AN3-15A	. BOLT	1	
-18	No Number	. SWITCH ASSY, Control stick gun, bomb trim tab & radar (type B-8A) (A.F. dwg 53CA719)	1	
-19	AN3108-20-27P	. PLUG	1	
	AN3057-12	. ADAPTER	1	

USEABLE ON CODE: A 51-2850 thru 53-1228
B 55-3816 and subs

FUSELAGE SURFACE CONTROLS (Cont)

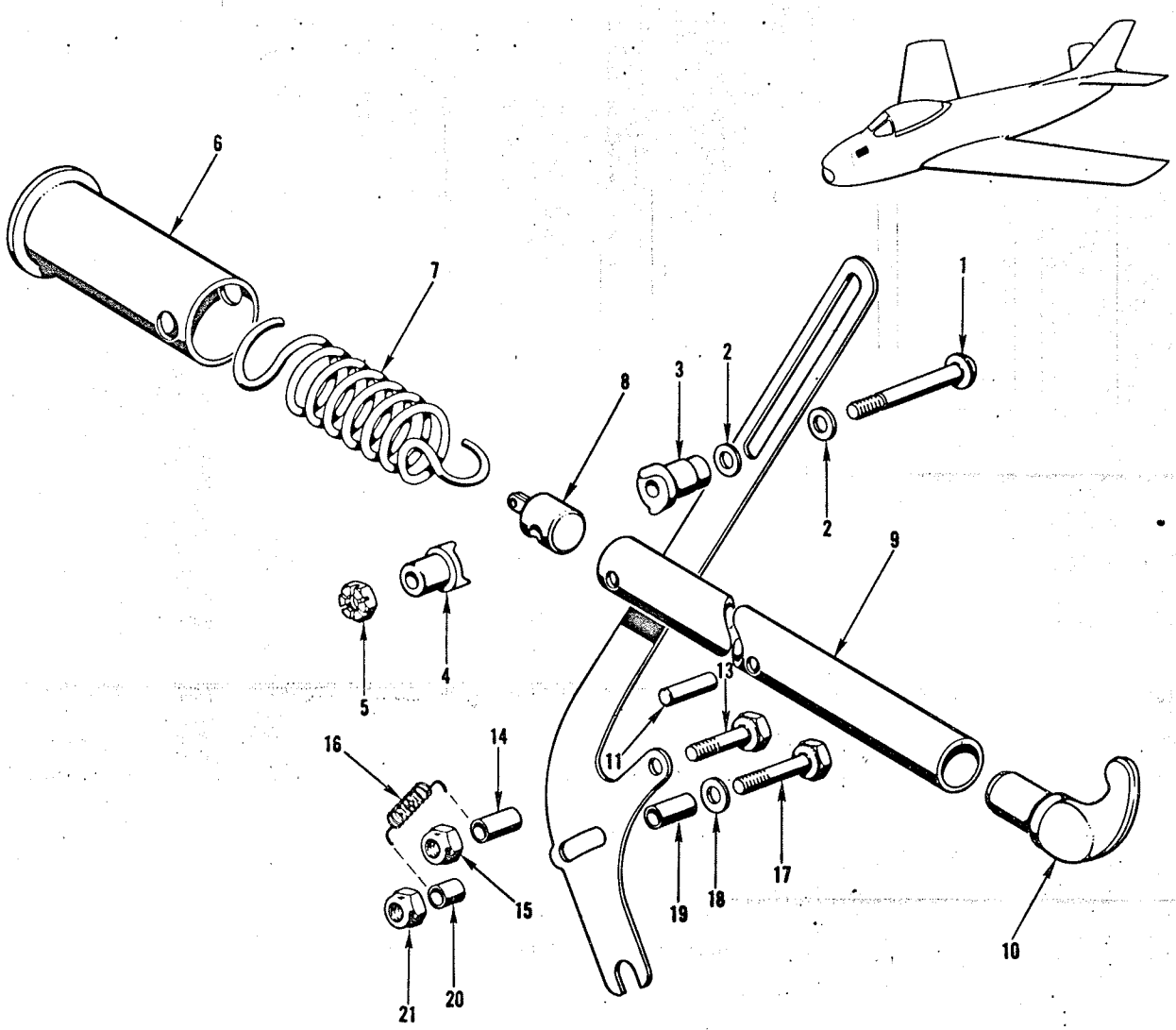


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FIGURE 192 - FUSELAGE SURFACE CONTROLS RUDDER CONTROL GUST LOCK

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
192	176-52425	LOCK INSTL, Rudder control gust (see fig. 193 for next assy)	NP	
-1	AN23-34	. BOLT	1	
-2	2W1-18-18-32	. WASHER, Plain (North American)	2	
-3	176-52431	. SPACER, Rudder control gust lock link	1	
-4	151-52035-5	. WASHER, Surface controls lock rudder lock link attachment	1	
-5	AN320-3	. NUT	1	
-6	151-52056	. STOP, Surface control lock retracting spring	1	
-7	151-52026	. SPRING, Surface control lock tube retracting	1	
-8	151-52034	. FITTING, Surface controls lock tube retracting spring attachg	1	
	151-52020-5	. TUBE ASSY, Surface controls lock	1	
-9	151-52021-5	. . TUBE, Surface controls lock	1	
-10	151-52038	. . HANDLE, Surface controls lock tube operating	1	
-11	151-52031	. . PIN, Surface controls lock tube anti-rotation	1	
-12	176-52428	. LINK , Rudder control gust lock	1	
-13	AN3-7A	. BOLT	1	
-14	NAS43DD3-20	. SPACER, Screw and bolt	1	
-15	AN365-1032	. NUT	1	
-16	170-52033	. SPRING , Tension	1	
-17	AN3-7A	. BOLT	1	
-18	AN960D516	. WASHER	1	
-19	NAS43DD3-20	. SPACER, Screw and bolt	1	
-20	NAS43DD3-8	. SPACER, Screw and bolt	1	
-21	AN365-1032	. NUT	1	

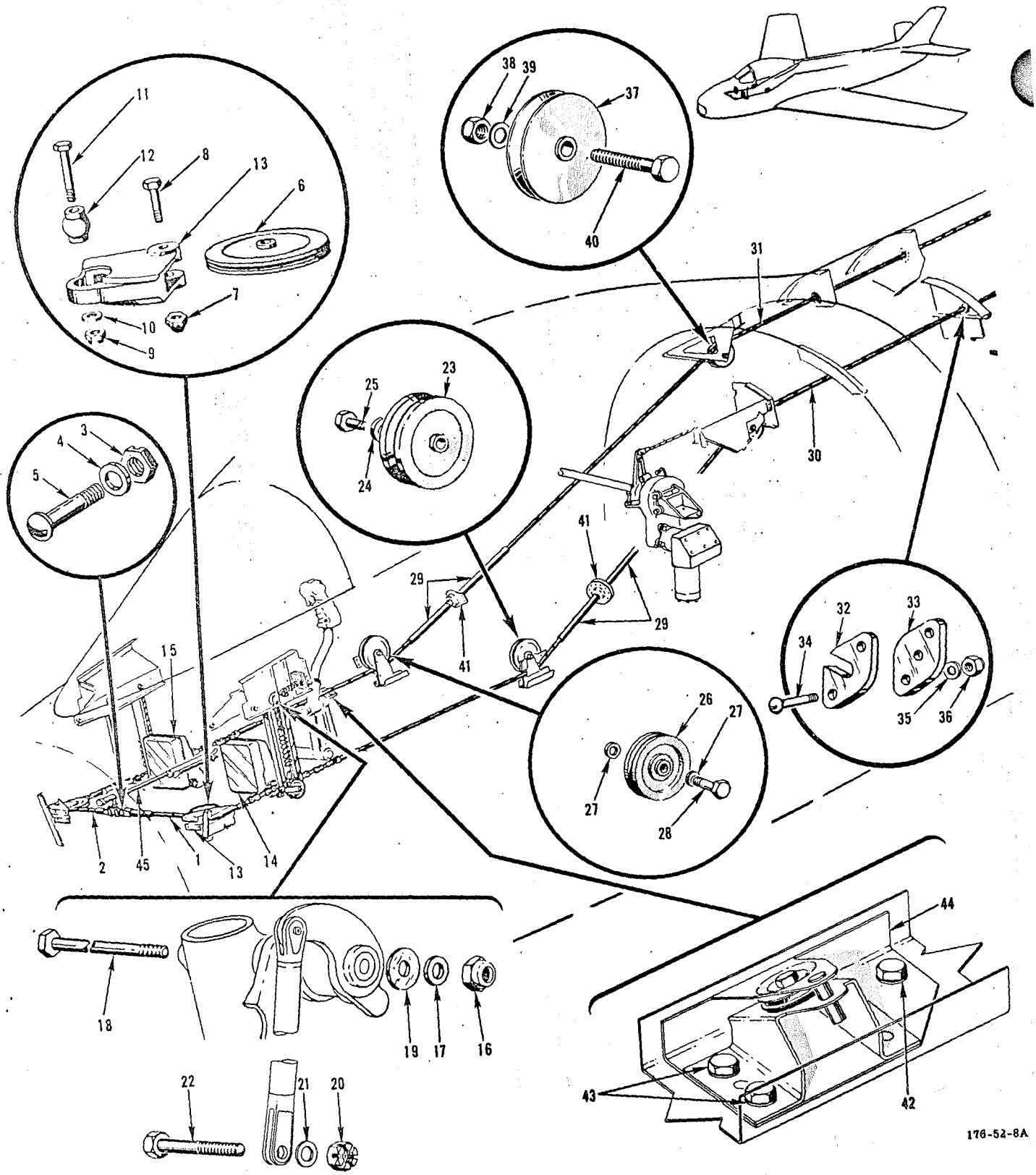


FIGURE 193 - FUSELAGE FORWARD RUDDER SURFACE CONTROLS

FUSELAGE SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
193	No Number	FUSELAGE FORWARD RUDDER SURFACE CONTROLS (see figure 190 for next assembly)	NP	
-1	151-52426	. CABLE ASSEMBLY, Pilot's rudder balance LH	1	
-2	151-52427	. CABLE ASSEMBLY, Pilot's rudder balance RH	1	
-3	AN320-4	. NUT	1	
-4	AN960D416	. WASHER	1	
-5	AN24-15	. BOLT	1	
-6	AN210-4B	. PULLEY	2	
-7	AN310-4	. NUT	2	
-8	AN4-13	. BOLT	2	
-9	AN365-428	. NUT	2	
-10	AN960D416	. WASHER	2	
-11	AN4-16A	. BOLT	2	
-12	117-52458	. BUSHING, Rudder balance cable pulley bracket support	2	
-13	157-52481	. BRACKET, Rudder control bus cable swivel	2	
-14	151-52419-9	. PEDAL ASSEMBLY, Pilot's rudder complete LH (see figure 194. for breakdown)	1	
-15	151-52419-12	. PEDAL ASSEMBLY, Pilot's rudder complete RH (see figure 194. for breakdown)	1	
		ATTACHING PARTS		
-16	AN365-428	. NUT	2	
-17	AN960D416	. WASHER	2	
-18	AN4-47A	. BOLT	2	
-19	2W1-16-38-63	. WASHER, Plain (North American)	2	
-20	AN320-3	. NUT	2	
-21	AN960D10	. WASHER	2	
-22	AN23-10	. BOLT	2	
		---*---		
-23	AN210-5B	. PULLEY	1	
-24	AN960D616	. WASHER	2	
-25	AN6-13A	. BOLT	1	
-26	AN210-4B	. PULLEY	1	
-27	AN960D416	. WASHER	2	
-28	AN4-11A	. BOLT	1	
-29	140-52031	. TUBE, 5/32 Cable seal	4	
-30	151-52409	. CABLE ASSEMBLY, Pilot's rudder control (left side)	1	
-31	151-52428	. CABLE ASSEMBLY, Pilot's rudder control (right side)	1	
-32	152-52007	. FAIRLEAD, Control cable fume seal	2	
-33	152-52008	. SEAL, Control cable fume seal	2	
-34	AN515-8-8	. SCREW	4	
-35	AN960D8	. WASHER	4	
-36	AN365-832	. NUT	4	
-37	AN210-4B	. PULLEY	1	
-38	AN365-428	. NUT	1	
-39	AN960D416	. WASHER	2	
-40	AN4-11A	. BOLT	1	
-41	130-52650	. SEAL, Single 3/16 cable elastic pressure	2	
-42	AN4-4A	. BOLT	1	
	AN960D416	. WASHER	1	
	AN365-428	. NUT	1	
-43	AN4-6A	. BOLT	2	
	AN960D416	. WASHER	2	
	AN365-428	. NUT	2	
-44	170-33610	. BRACKET ASSY, Alighting gear emer release fus sta 94 5/16 pulley	1	
-45	176-52425	. LOCK INSTALLATION, Rudder control gust (see figure 192 for detail breakdown)	NP	

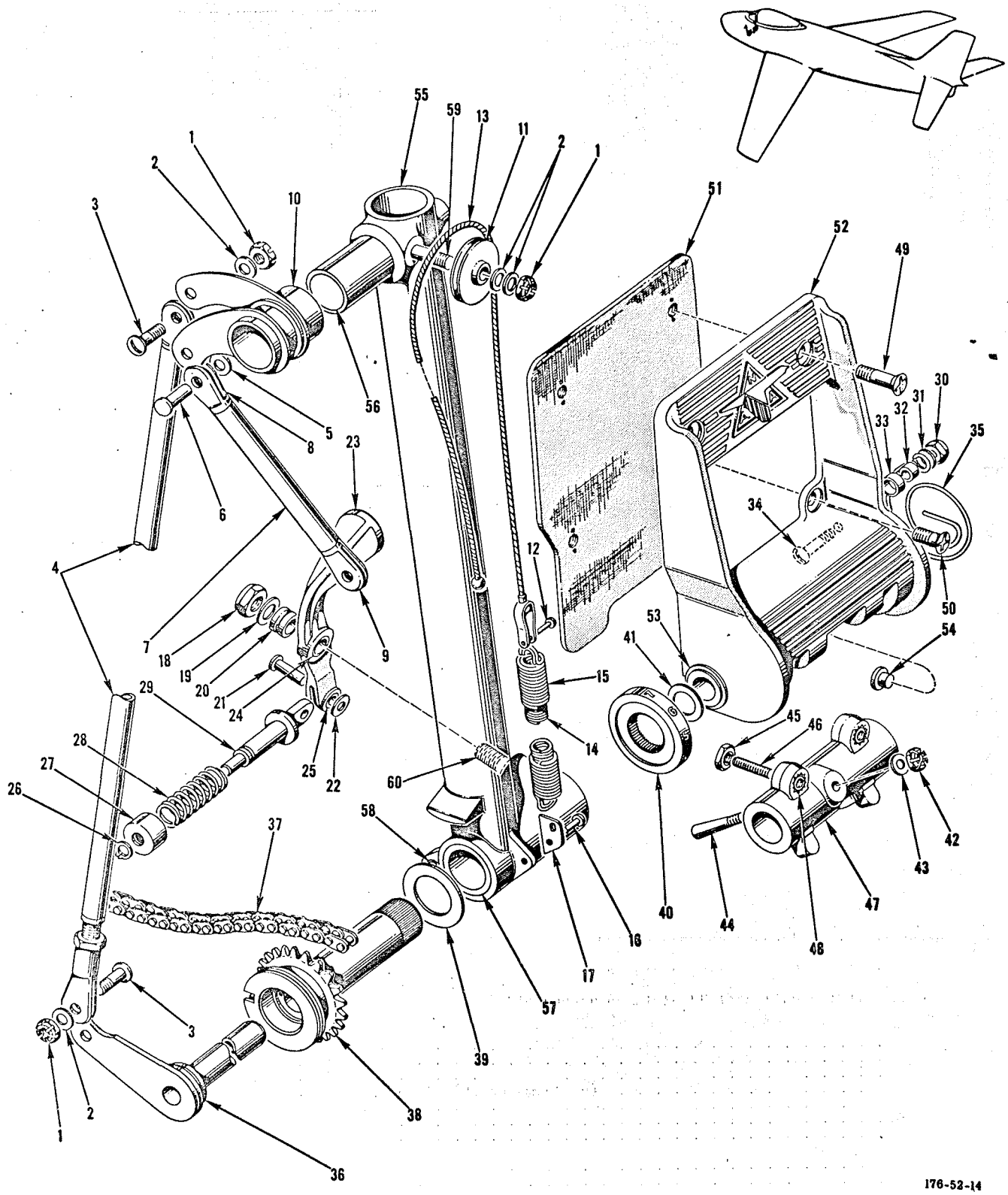
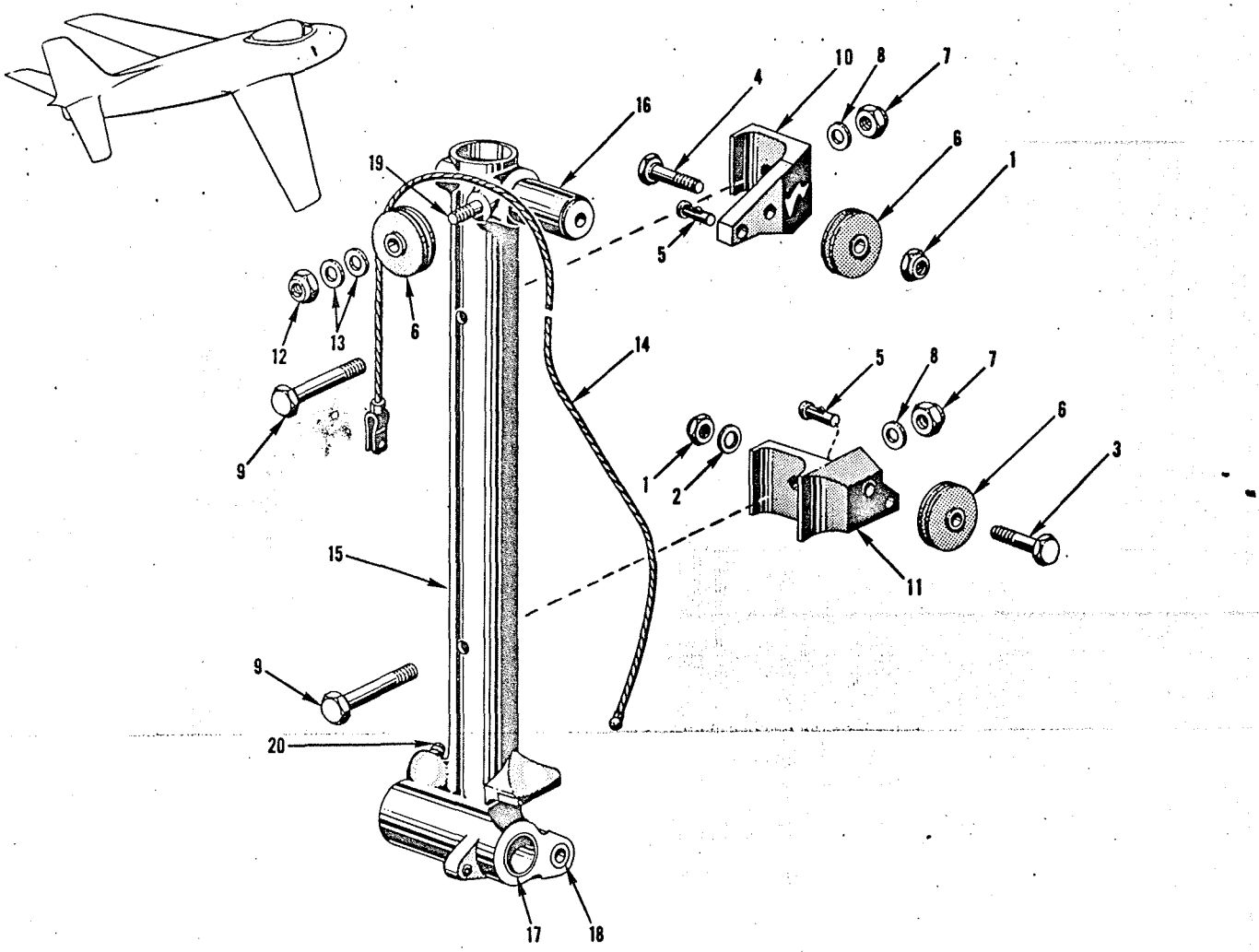


FIGURE 194 - COMPLETE PILOT'S RUDDER PEDAL ASSEMBLY

FUSELAGE SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
194	151-52419-9	PEDAL ASSEMBLY, Pilot's rudder complete LH (see figure 193 for next assembly)	Ref	
	151-52419-12	PEDAL ASSEMBLY, Pilot's rudder complete RH (see figure 193 for next assembly)	Ref	
	No Number	. PILOT's RH RUDDER PEDAL ARM MECHANISM (see figure 195 for detail breakdown)	NP	
-1	AN320-3	. NUT	3	
-2	AN960-10	. WASHER	4	
-3	AN23-10	. BOLT	2	
-4	151-52417	. TUBE ASSY, Pilot's brake (see fig. 196 for breakdown)	1	
-5	AN960-10L	. WASHER	1	
-6	AN393-11	. PIN	1	
-7	151-52415	. TUBE ASSY, Pilot's brake outboard	1	
-8	140-52450	. . FITTING, Brake rod fixed end	1	
-9	151-52425	. . FITTING, Brake rod fixed end	1	
-10	151-52418-9	. BELLCRANK ASSY, Pilot's brake control LH	1	
	151-52418-10	. BELLCRANK ASSY, Pilot's brake control RH	1	
-11	AN210-1A	. PULLEY	1	
-12	AN393-7	. PIN	1	
-13	140-52418	. CABLE ASSY, Pilot's rudder pedal adjustment	1	
-14	151-52431	. SPRING, Pilot's rudder pedal adjustment inner	1	
-15	151-52430	. SPRING, Pilot's rudder pedal adjustment outer	1	
-16	AN392-9	. PIN	1	
-17	151-52432	. CLIP, Pilot's rudder pedal adjustment spring	1	
-18	AN364-1032	. NUT	1	
-19	AN960-10	. WASHER	1	
-20	NAS73-3-005	. BUSHING, Clamp-up steel cadmium plated	1	
-21	AN392-19	. PIN	1	
-22	AN960-6	. WASHER	1	
-23	140-52414	. LEVER ASSY, Pilot's rudder pedal adjusting	1	
-24	4B16CP6-10	. . BEARING, Sintered oil impregnated (North American)	1	
-25	140-52415	. . BUSHING, Pilot's rudder pedal adjusting lever fork	2	
-26	NAS51-31	. RING, External retainer	1	
-27	140-52421	. SPACER, Pilot's rudder pedal adjusting pin	1	
-28	140-52425	. SPRING, Compression	1	
-29	140-52416	. PIN, Pilot's rudder pedal adjusting	1	
-30	AN365-832	. NUT	1	
-31	2W1-12-16-31	. WASHER, Plain (North American)	1	
-32	4S3D8-8	. SPACER, Bolt (North American)	1	
-33	4S3D516-4	. SPACER, Bolt (North American)	1	
-34	NAS202-832-20	. SCREW, Round head Phillips recess brass	1	
-35	140-52459	. SPRING, Rudder pedal return	1	
-36	151-52412-1	. PIVOT ASSY, Pilot's brake pedal LH	1	
	151-52412-2	. PIVOT ASSY, Pilot's brake pedal RH	1	
-37	140-52410	. CHAIN ASSY, Pilot's rudder pedal adjusting	1	
-38	151-52423-1	. SPROCKET ASSY, Rudder pedal adjustment complete LH (see figure 187 for breakdown)	1	
	151-52423-2	. SPROCKET ASSY, Rudder pedal adjustment complete RH (see figure 187 for breakdown)	1	
-39	2W1-65-46-20	. WASHER, Plain (North American)	AR	
-40	140-52420-1	. INDICATOR, Pilot's rudder pedal adjustment LH	1	
	140-52420-2	. INDICATOR, Pilot's rudder pedal adjustment RH	1	
-41	2W1-42-36-20	. WASHER, Plain (North American)	AR	
-42	AN320-3	. NUT	2	
-43	AN975-3	. WASHER	2	
-44	AN386-2-10	. PIN	2	
-45	AN316-4	. NUT	2	
-46	161-52404	. BOLT, Pilot's brake pedal adjustable stop	2	
-47	161-52403	. STOP, Pilot's brake pedal adjustable	1	
-48	RL28SB8	. . RING, (Rosan)	2	
	R206SH8	. . INSERT, (Rosan)	2	
-49	AN509-10R13	. SCREW	2	
-50	NAS205-10	. SCREW, 100° Flush head alloy steel 10-32	2	
-51	140-52403-15	. PAD ASSY, Pilot's brake pedal	2	
-52	140-52402-3	. PEDAL ASSY, Pilot's brake	1	
-53	4B16CF10-28	. . BEARING, Sintered oil impregnated (North American)	2	
-54	1P7	. . PLUG, Control stop (North American)	2	
-55	140-52407-3	. ARM ASSY, Pilot's rudder pedal LH	1	
-56	140-52432	. . BUSHING, Pilot's brake bellcrank	1	
-57	140-52426	. . BUSHING, Pilot's brake pedal pivot socket	2	
-58	4B16CP3-9	. . BEARING, Sintered oil impregnated (outbd) (North American)	1	
	4B16CP5-6	. . BEARING, Sintered oil impregnated (inbd) (North American)	1	
-59	NAS183-3-6	. . STUD, Coarse thread	1	
-60	NAS183-3-6A	. . STUD, Coarse thread	1	

FUSELAGE SURFACE CONTROLS (Cont)

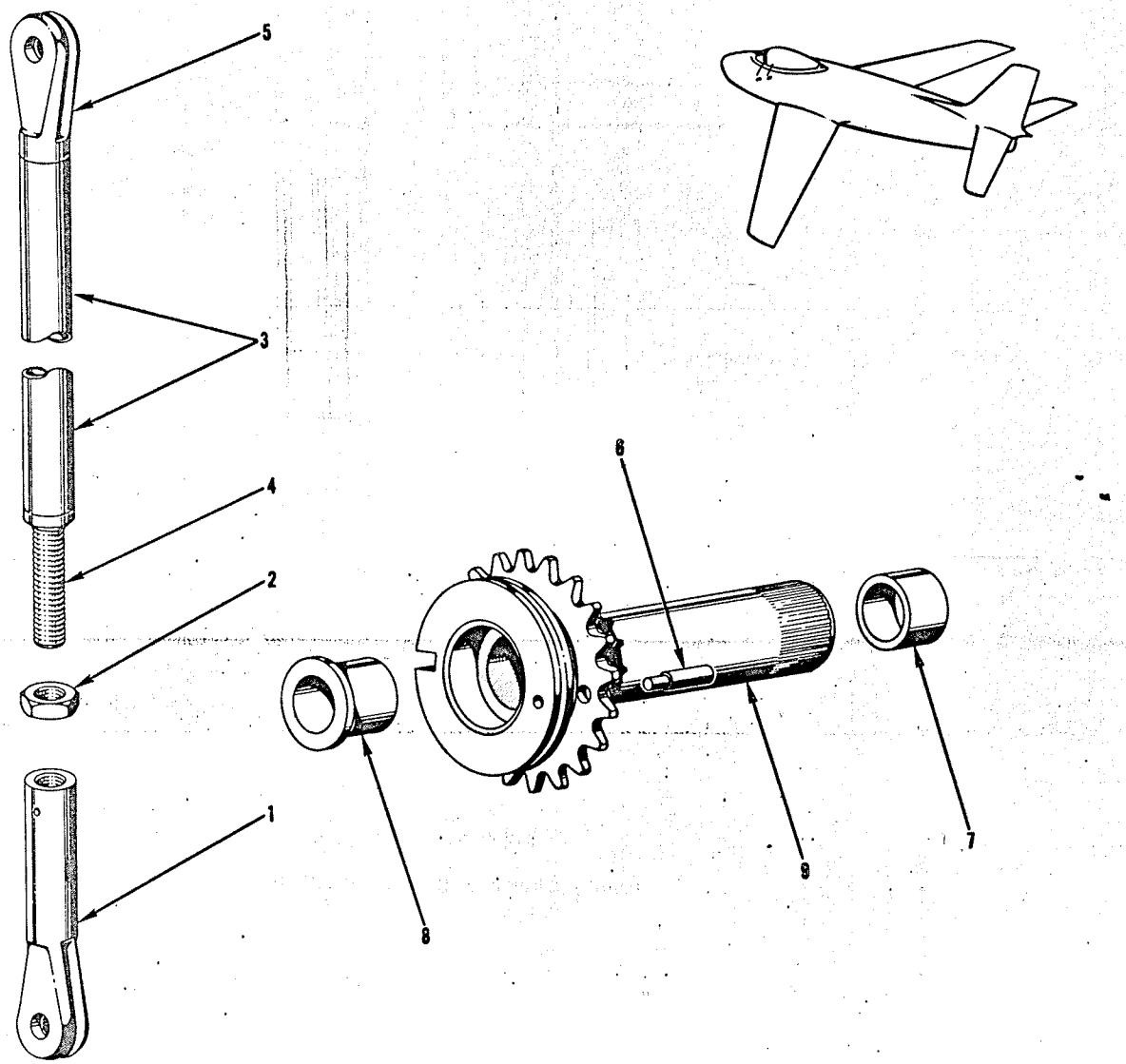


176-52-13

FIGURE 195 - PILOT'S RH RUDDER PEDAL ARM MECHANISM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
195	No Number	PILOT'S RH RUDDER PEDAL ARM MECHANISM (see fig. 194 for next assy)	NP	
-1	AN365-1032	. NUT	2	
-2	AN960D10	. WASHER	1	
-3	AN173-11A	. BOLT	1	
-4	AN173-7A	. BOLT	1	
-5	NAS427T6	. PIN, Pulley guard	2	
-6	AN210-1A	. PULLEY	3	
-7	AN365-428	. NUT	2	
-8	AN960D416	. WASHER	2	
-9	AN174-16A	. BOLT	2	
-10	172-52416	. BRACKET, Rudder pedal adjustment cable upper pulley	1	
-11	172-52417	. BRACKET, Rudder pedal adjustment cable lower pulley	1	
-12	AN320-3	. NUT	1	
-13	AN960-10	. WASHER	2	
-14	172-52418	. CABLE ASSEMBLY, Pilot's rudder pedal adjustment	1	
-15	140-52407-6	. ARM ASSEMBLY, Pilot's rudder pedal RH	1	
-16	140-52432	. . BUSHING, Pilot's brake bellcrank	1	
-17	140-52426	. . BUSHING, Pilot's pivot socket	2	
-18	4B16CP3-9	. . BEARING, Sintered oil impregnated (outbd) (North American)	1	
	4B16CP5-6	. . BEARING, Sintered oil impregnated (inbd) (North American).	1	
-19	NAS183-3-6	. . STUD, Coarse thread	1	
-20	NAS183-3-6A	. . STUD, Coarse thread	1	

FUSELAGE SURFACE CONTROLS (Cont)



176-52-16

FIGURE 196 - MISCELLANEOUS RUDDER PEDAL EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
196		MISCELLANEOUS RUDDER PEDAL EQUIPMENT		
	151-52417	. TUBE ASSY, Pilot's brake complete (see fig. 194 for next assy)	Ref	
-1	140-52451	. . END, Brake rod adjustable	1	
-2	AN316-4R	. . NUT	1	
-3	151-52417-5	. . TUBE ASSY, Pilot's brake	1	
-4	140-52452	. . . FITTING, Brake rod adjustable end	1	
-5	140-52450	. . . FITTING, Brake rod fixed end	1	
	151-52423-1	. SPROCKET ASSY, Rudder pedal adjustment complete LH (see figure 194 for next assembly)	Ref	
	151-52423-2	. SPROCKET ASSY, Rudder pedal adjustment complete RH (see figure 194 for next assembly)	Ref	
-6	151-52422	. . PIN, Rudder pedal adjustment stop	1	
	140-52408-1	.. SPROCKET ASSY, Pilot's rudder pedal adjusting LH	1	
	140-52408-2	. SPROCKET ASSY, Pilot's rudder pedal adjusting RH	1	
-7	4B16CP10-20	. . . BEARING, Sintered oil impregnated (North American)	1	
-8	4B16CF10-29	. . . BEARING, Sintered oil impregnated (North American)	1	
-9	140-52408-3	. . . SPROCKET, Pilot's rudder pedal adjusting LH	1	
	140-52408-4	. . . SPROCKET, Pilot's rudder pedal adjusting RH	1	

FUSELAGE SURFACE CONTROLS (Cont)

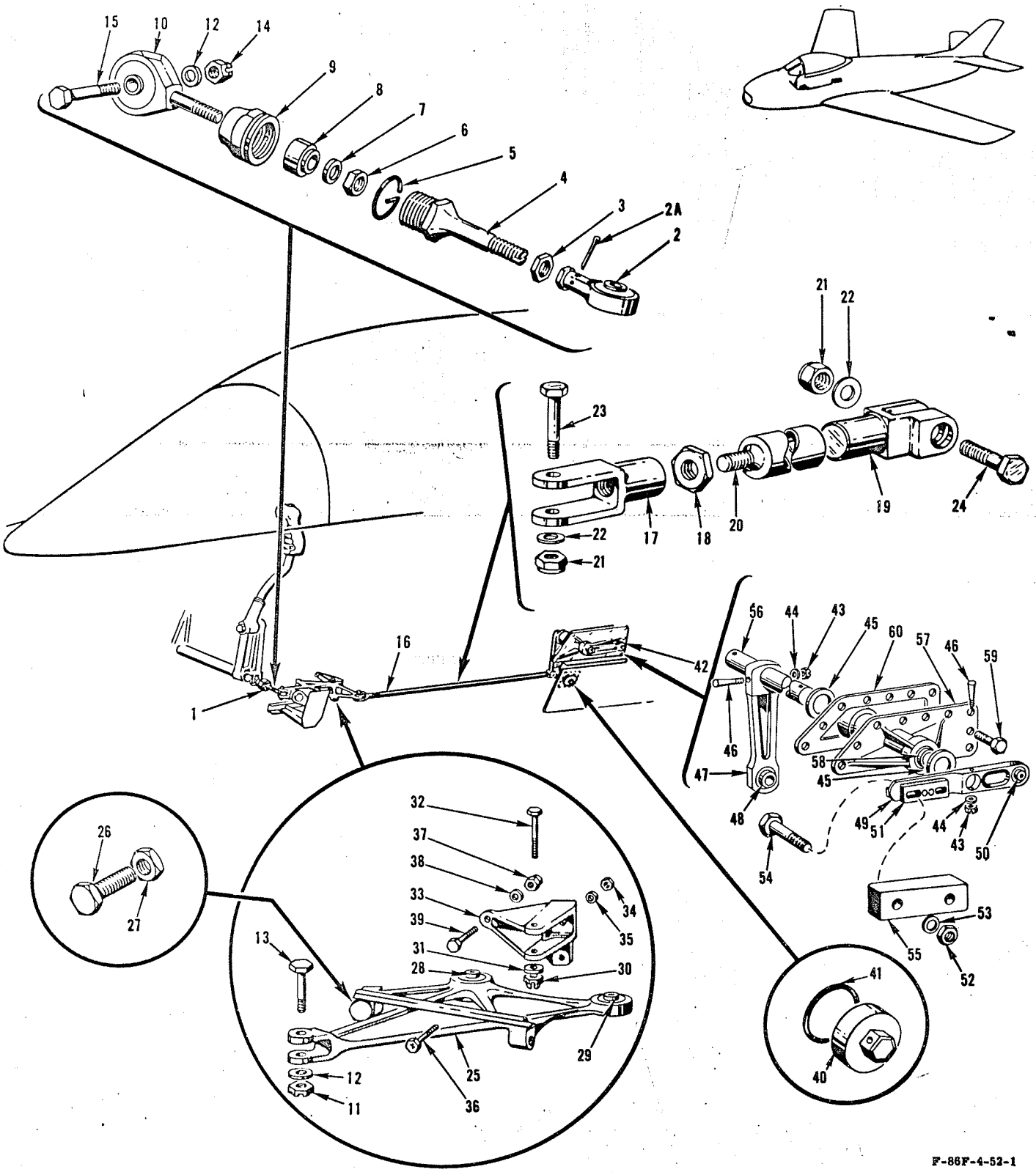


FIGURE 197 - FUSELAGE FORWARD AILERON SURFACE CONTROLS

FUSELAGE SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
197	No Number	FUSELAGE FORWARD AILERON SURFACE CONTROLS (see figure 190 for next assembly)	NP	
-1	140-52301	. LINK ASSEMBLY, Aileron control	1	
-2	RE4F5-2	. . ROD END, (Fafnir) (use 165-52008 until exh)	1	
-2A	AN380-2-2	. . PIN	1	
-3	AN316-5R	. . NUT	1	
-4	140-52304	. . ROD, Aileron control link swivel	1	
-5	AN996-18	. . RING	1	
-6	AN310-4	. . NUT	1	
-7	AN960-416L	. . WASHER	1	
-8	AN207D4	. . BEARING	1	
-9	140-52303	. . RETAINER, Aileron control link swivel bearing	1	
-10	140-52302	. . BEARING ASSEMBLY, Aileron control link swivel	1	
-11	AN320-4	. NUT	1	
-12	AN960D416	. WASHER	2	
-13	NAS464-4-19	. BOLT, Shear close tolerance 1/4-28	1	
-14	AN365-428	. NUT	1	
-15	AN174-14A	. BOLT	1	
-16	151-52303	. ROD ASSEMBLY, Aileron control forward push pull	1	
-17	140-52308	. . FORK, Aileron control forward push pull rod	1	
-18	AN316-6R	. . NUT	1	
-19	140-52309	. . FORK ASSEMBLY, Aileron control forward push pull rod fixed	1	
-20	140-52307	. . ROD END, Aileron control forward push pull rod	1	
-21	AN365-428	. NUT	2	
-22	AN960D416	. WASHER	3	
-23	AN174-13A	. BOLT	1	
-24	AN174-12A	. BOLT	1	
-25	140-52305	. BELLCRANK ASSEMBLY, Aileron control cockpit	1	
-26	5B2-11	. . BOLT, Adjustment (North American)	2	
-27	AN316-4R	. . NUT	2	
-28	DW5	. . BEARING, (Fafnir)	1	
-29	AN206DS4	. . BEARING	1	
-30	AN310-5	. NUT	1	
-31	AN960D516	. WASHER	1	
-32	AN175-20	. BOLT	1	
-33	140-52316	. BRACKET, Aileron control cockpit bellcrank	1	
-34	AN365-1032	. NUT	2	
-35	AN960D10	. WASHER	2	
-36	AN3-5A	. BOLT	1	
	AN3-7A	. BOLT	1	
-37	AN365-428	. NUT	1	
-38	AN960D416	. WASHER	1	
-39	AN4-6A	. BOLT	1	
-40	140-52315	. CAP, Aileron control access sealing	1	
-41	AN6227-26	. PACKING	1	
-42	170-52331	. BELLCRANK ASSY, Aileron control fuselage station 119.937	1	
-43	AN320-3	. . NUT	2	
-44	AN975-3	. . WASHER	2	
-45	2W1-49-30-032	. . WASHER, Plain (North American)	2	
-46	AN386-2-10	. . PIN	2	
-47	176-52325-5	. . ARM ASSEMBLY, Aileron control bellcrank fuselage station 119.937 inboard (use 151-52325 until exh)	1	
-48	AN206DSP4	. . . BEARING	1	
-49	176-52302-5	. . ARM ASSEMBLY, Aileron control bellcrank (use 170-52302 until exh)	1	
-50	AN206DSP4	. . . BEARING	1	
-51	151-523106	. . . PLATE, Aileron control balance weight support	1	
-52	AN365-1032	. . NUT	2	
-53	AN970-3	. . WASHER	2	
-54	AN3-13A	. . BOLT	2	
-55	151-523109	. . WEIGHT, Aileron control balance	1	
-56	140-52313	. . TUBE, Aileron control torque	1	
-57	151-52309	. . SUPPORT ASSEMBLY, Aileron control bellcrank fuselage station 119.937	1	
-58	AN201K12A	. . . BEARING	2	
-59	AN3-6A	. BOLT	13	
-60	140-52383-5	. GASKET, Aileron control torque tube support assembly	1	

FUSELAGE SURFACE CONTROLS (Cont)

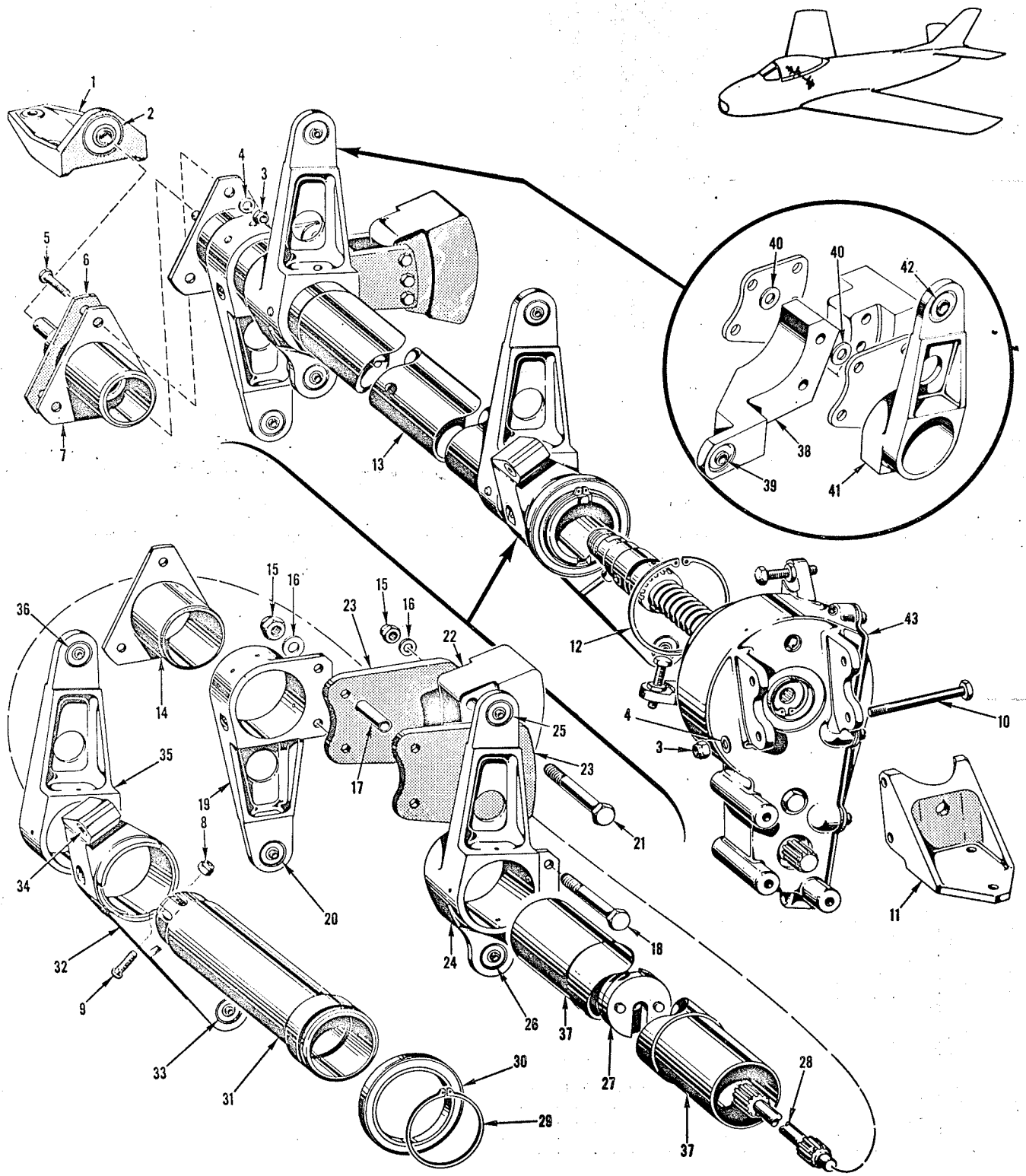


FIGURE 198 - HORIZONTAL STABILIZER CONTROL FORWARD MECHANISM ASSEMBLY

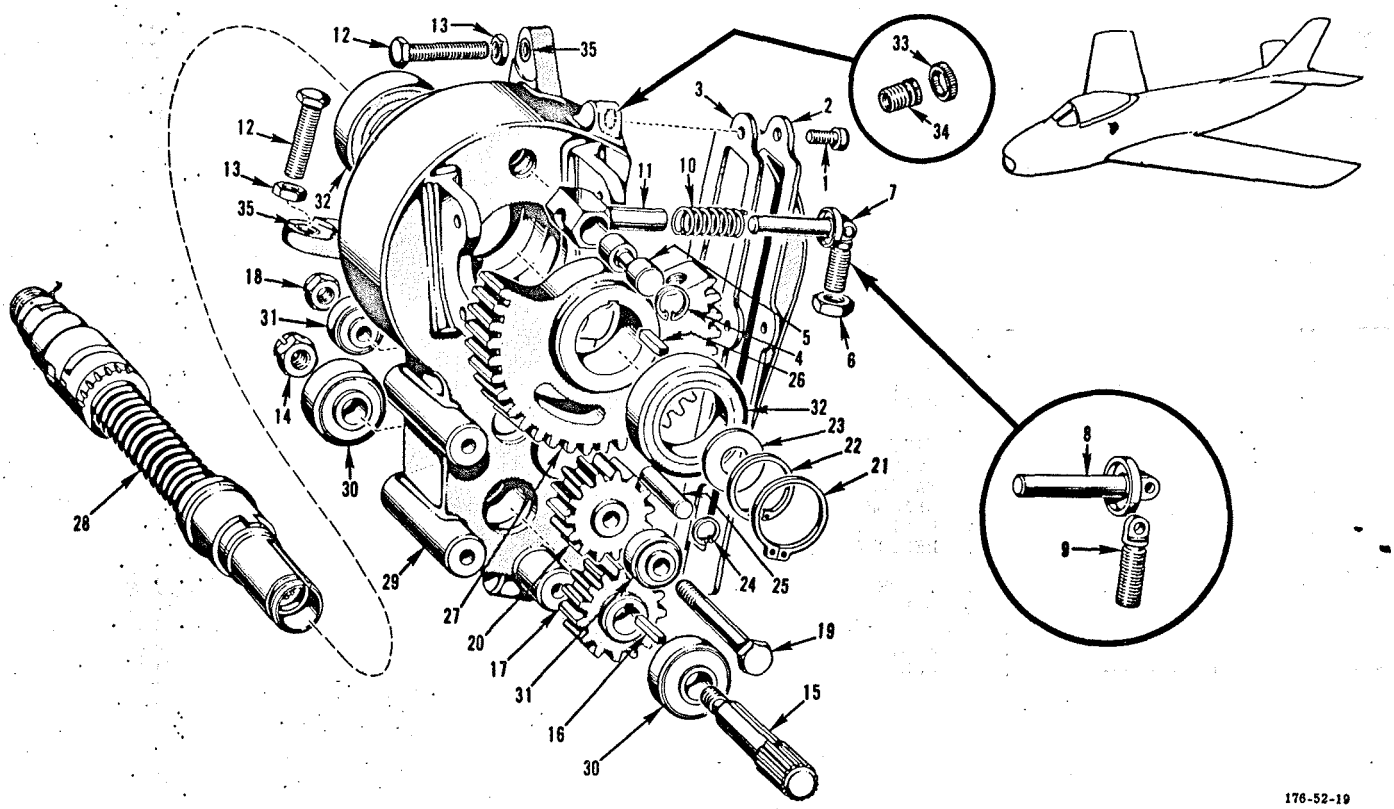
FUSELAGE SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
198	170-52225-5	MECHANISM ASSEMBLY, Horizontal stabilizer control forward (see figure 190 for next assembly)	Ref	A
-1	140-52209	. HINGE ASSEMBLY, Elevator control torque tube	1	A
-2	AN201K6A	. . BEARING	1	A
-3	AN365-428	. NUT	5	A
-4	AN960D416	. WASHER	8	A
-5	AN174-7A	. BOLT	2	A
	AN174H7A	. BOLT, (upper)	1	A
-6	170-52241-3	. COUPLING, Hor stab. forward mechanism support	1	A
-7	170-52238-3	. FITTING, Horizontal stabilizer forward mechanism tube	1	A
-8	170-522242	. NUT, Horizontal stabilizer control forward mechanism lock	1	A
-9	AN502-10-16	. SCREW	1	A
-10	AN174-33A	. BOLT	1	A
-11	170-52234	. SUPPORT, Horizontal stabilizer control tube pivot	1	A
-12	NAS50-281	. RING, Internal retainer	1	A
-13	170-52226-7	. TUBE ASSY, Hor stab. forward mechanism torque (use 170-52226-5 until exh)	1	A
	170-52226-5	. TUBE ASSY, Hor stab. forward mechanism torque (whn exh use 170-52226-7)	1	A
-14	170-522244	. . FITTING, Horizontal stabilizer forward mechanism tube end	1	A
-15	AN365-428	. . NUT	4	A
-16	AN960D416	. . WASHER	4	A
-17	NAS43C4-88	. . SPACER, Screw and bolt (used on 170-52226-7 only)	2	A,*1
-18	AN174-23A	. . BOLT	2	A
-19	176-52223-9	. . BELLCRANK ASSY, Horizontal stabilizer forward mechanism RH lower	1	A
-20	AN200KP3	. . . BEARING	3	A
-21	AN174-20A	. . BOLT	3	A
-22	170-522104-5	. . BOBWEIGHT, Horizontal stabilizer forward mechanism	1	A
-23	170-522103	. . ARM, Horizontal stabilizer forward mechanism	2	A
-24	170-52223-5	. . BELLCRANK ASSY, Horizontal stab. fwd mechanism RH upper (used on 170-52226-7 only)	1	A,*1
-25	AN200K3	. . . BEARING	1	A
-26	AN200K4	. . . BEARING	1	A
-27	170-52230	. . GUIDE, Hor stab. forward mechanism torque bar	2	A
-28	170-52224-7	. . BAR, Hor stab. fwd mech torque (170-52224-5 cannot be used interchangeably with 170-52224-7 except on those airplanes from which the part was removed)	1	A
-29	NAS51-206	. . RING, External retainer	1	A
-30	AN202K33B	. . BEARING	1	A
-31	170-522239	. . SLEEVE, Horizontal stabilizer control forward mechanism	1	A
-32	170-52246	. . BELLCRANK ASSY, Horizontal stab. fwd mechanism LH lower	1	A
-33	AN200K3	. . . BEARING	1	A
-34	1P7	. . . PLUG, Control stop (North American)	2	A
-35	176-52222	. . BELLCRANK ASSY, Horizontal stabilizer forward mechanism LH upper	1	A
-36	AN200KP3	. . . BEARING	1	A
-37	170-52239-5	. . TUBE, Horizontal stabilizer forward mechanism	1	A
-38	170-522258	. . ADAPTER ASSY, Horizontal stabilizer control torque tube assembly (used on 170-52226-5 only)	1	A,*1
-39	AN200KP4	. . . BEARING	1	A
-40	2W1LB20-16-16	. . WASHER, Plain (North American) (used on 170-52226-5 only)	AR	A,*1
-41	170-52223	. . BELLCRANK ASSY, Horizontal stabilizer forward mechanism (used on 170-52226-5 only)	1	A,*1
-42	AN200K3	. . . BEARING	1	A
-43	170-52219	. SUPPORT ASSY, Hor stab. forward mechanism complete (see figure 199 for breakdown)	1	A

*1 Use 170-52223-5 together with NAS43C4-88 until exh, whn exh use 170-52223 together with 170-522258 and 2W1B20-16-16.

USEABLE ON CODE: A 51-2850 thru 51-12969

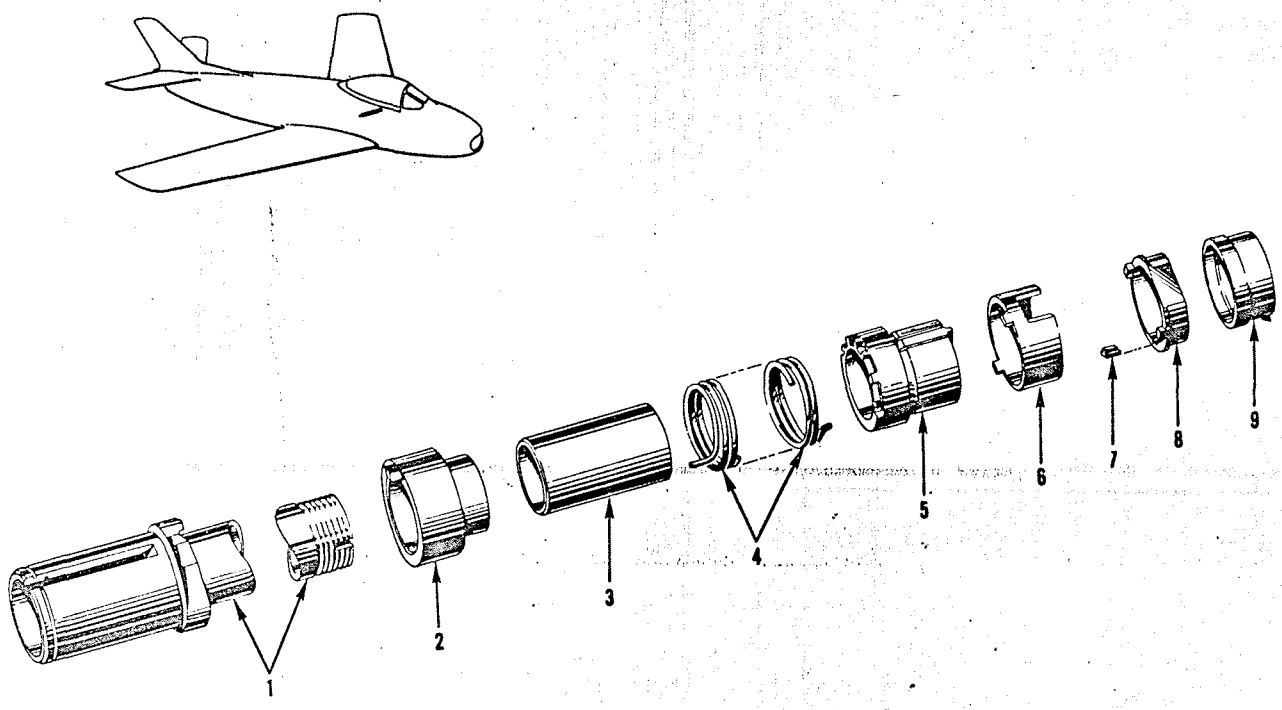
FUSELAGE SURFACE CONTROLS (Cont)



176-52-19

FIGURE 199 - HORIZONTAL STABILIZER FORWARD MECHANISM SUPPORT ASSEMBLY COMPLETE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
199	170-52219	SUPPORT ASSY, Horizontal stabilizer forward mechanism complete (see figure 198 for next assembly)	Ref	A
-1	AN503-8-6	. SCREW	6	A
-2	170-52250	. COVER, Horizontal stabilizer forward mechanism housing	1	A
-3	170-52251	. GASKET, Horizontal stabilizer forward mechanism cover	1	A
-4	NAS50-50	. RING, Internal retainer	1	A
-5	170-52212	. PIN, Horizontal stabilizer forward mechanism stop	1	A
-6	AN316-4R	. NUT	1	A
-7	170-522247	. STUD ASSY, Horizontal stabilizer control backlash	1	A
-8	170-522248	. . RETAINER, Horizontal stabilizer control backlash spring	1	A
-9	170-522246	. . STUD, Horizontal stabilizer control backlash	1	A
-10	170-522250	. SPRING, Compression	1	A
-11	170-522249	. GUIDE, Horizontal stabilizer control backlash spring	1	A
-12	NAS428-4-12	. BOLT, Adjusting crowned hex head	2	A
-13	AN316-4R	. NUT	2	A
-14	AN310-5	. NUT	1	A
-15	170-52240	. SHAFT, Horizontal stabilizer forward mechanism pinion	1	A
-16	170-52253	. KEY, Horizontal stabilizer forward mechanism pinion	1	A
-17	170-52237	. GEAR, Horizontal stabilizer forward mechanism pinion	1	A
-18	AN310-4	. NUT	1	A
-19	AN174-20	. BOLT	1	A
-20	170-52236	. GEAR, Horizontal stabilizer forward mechanism idler	1	A
-21	NAS51-131	. RING, External retainer	1	A
-22	NAS50-112	. RING, Internal retainer	1	A
-23	2W1-28-35-93	. WASHER, Plain (North American)	1	A
-24	NAS50-37	. RING, Internal retainer	1	A
-25	170-522256	. PIN, Horizontal stabilizer control forward mechanism stop	1	A
-26	170-52252	. KEY, Horizontal stabilizer forward mechanism trim gear	1	A
-27	170-52217	. GEAR, Horizontal stabilizer forward mechanism trim	1	A
-28	170-522234	. HUB ASSY, Horizontal stab. control fwd mech gear (see figure 200 for breakdown)	1	A
-29	170-52220	. HOUSING ASSY, Horizontal stabilizer forward mechanism	1	A
-30	AN201K8A	. . BEARING	2	A
-31	AN200K4	. . BEARING	2	A
-32	AN202K21B	. . BEARING	2	A
-33	RL21SB6	. . RING, (Rosan)	6	A
-34	RD104SH5L	. . INSERT, (Rosan)	6	A
-35	RL28SB8	. . RING, (Rosan)	2	A
	RD206SH6.5L	. . INSERT, Rosan)	2	A
	USEABLE ON CODE: A	51-2850 thru 51-12969.		



170-52-624

FIGURE 200 - HORIZONTAL STABILIZER CONTROL FORWARD MECHANISM ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
200	170-522234	HUB ASSEMBLY, Horizontal stabilizer control forward mechanism . . gear (see figure 199 for next assembly)	Ref	A
-1	170-522237	. HUB, Horizontal stabilizer control forward mechanism gear . .	1	A
-2	170-522238	. COLLAR, Horizontal stabilizer control forward mechanism stop .	1	A
-3	170-522245	. TUBE, Horizontal stabilizer centering spring guide . . . . . (use 170-522137-9 until exh)	1	A
-4	170-522241	. SPRING, Horizontal stabilizer control centering outer torsion.	1	A
-5	170-522236	. COLLAR, Horizontal stabilizer control forward mechanism . . .	1	A
-6	170-522240	. RING, Horizontal stabilizer control forward mechanism lock . .	1	A
-7	170-522220-3	. KEY, Horizontal stabilizer control forward mechanism	1	A
-8	170-522235	. RING, Horizontal stabilizer control forward mechanism lock . .	1	A
-9	170-522217	. NUT, Horizontal stabilizer control forward mechanism retainer.	1	A
	USEABLE ON CODE: A 51-2850 thru 51-12969			

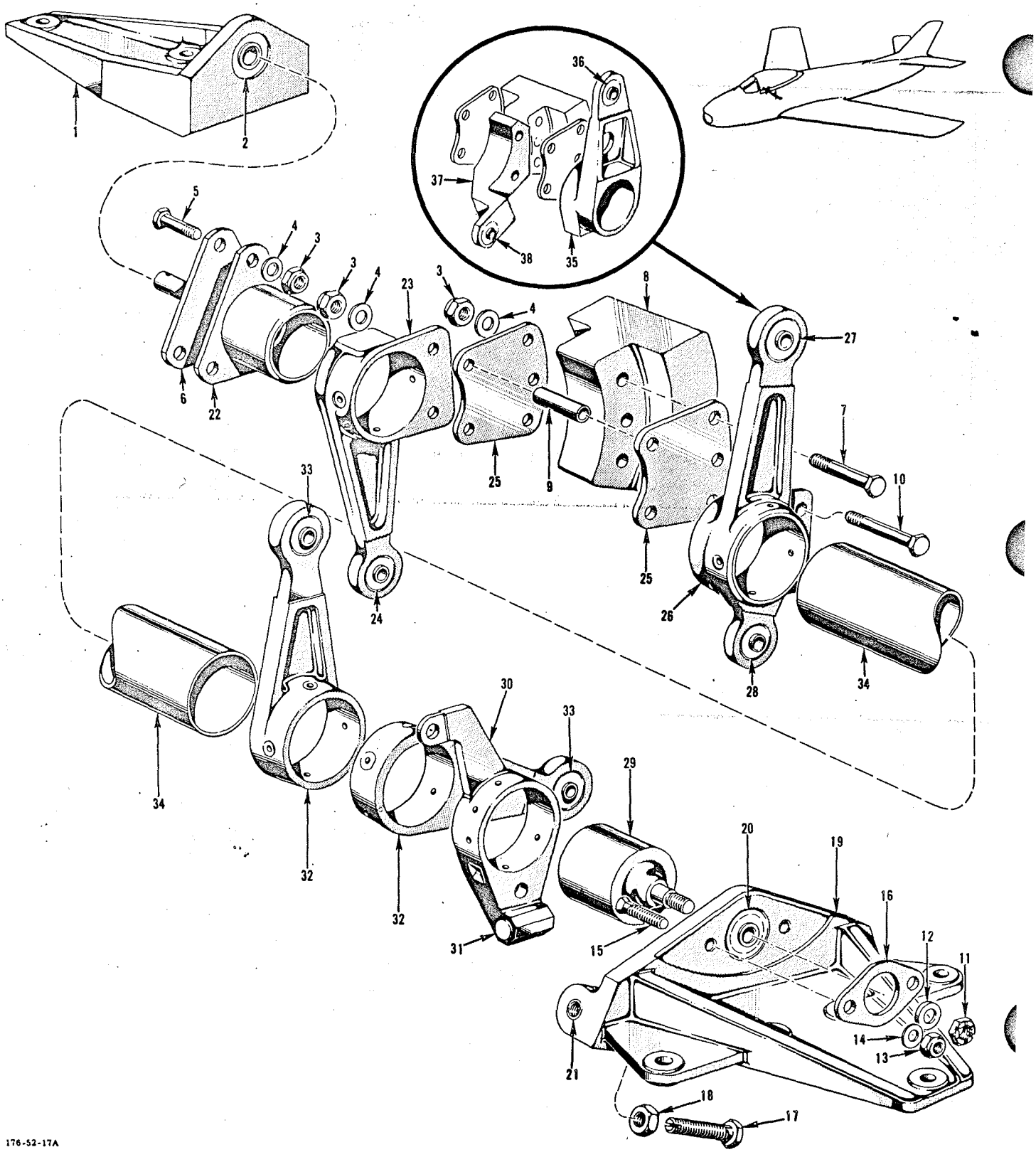


FIGURE 201 - HORIZONTAL STABILIZER CONTROL FUSELAGE STATION 127.875 TORQUE MECHANISM ASSEMBLY

FUSELAGE SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
201	176-52225	MECHANISM ASSY, Hor stab. control fus sta 127.875 torque (whn exh use 176-52225-5) (see fig. 190 for next assy)	Ref	B,*2
	176-52225-5	MECHANISM ASSY, Hor stab. control fus sta 127.875 torque (use 176-52225 untl exh) (see fig. 190 for next assy)	Ref	B,*2
	176-52225-9	MECHANISM ASSY, Hor stab. control fus sta 127.875 torque (see figure 190 for next assembly)	Ref	C,*2
-1	140-52209	. HINGE ASSEMBLY, Elevator control torque tube	1	A
-2	AN201K6A	. . BEARING	1	A
-3	AN365-428	. NUT	8	A
-4	AN960D416	. WASHER	8	A
-5	AN174-5A	. BOLT	3	A
-6	176-52241	. COUPLING, Hor stab. control fus sta 127.875 torque tube	1	A
-7	AN174-20A	. BOLT	3	A
-8	170-522104-5	. BOBWEIGHT, Horizontal stabilizer forward mechanism	1	B,*2
	191-52211	. BOBWEIGHT, Horizontal stabilizer control fwd mechanism	1	C,*2
-9	4B21S4-44	. BUSHING, Spacer (North American) (used on 176-52225-5)	2	A,*1
-10	AN174-23A	. BOLT	2	A
-11	AN320-4	. NUT	1	A
-12	AN975-4	. WASHER	1	A
-13	AN365-1032	. NUT	2	A
-14	AN960D10	. WASHER	2	A
-15	AN509-10R13	. SCREW	2	A
-16	176-52218	. PLATE, Horizontal stab. control fus sta 127.875 torque tube bearing retainer	1	A
-17	NAS428-4-12	. BOLT, Adjusting crowned hexagon head	2	A
-18	AN316-4R	. NUT	2	A
-19	176-52221	. FITTING ASSY, Hor stab. control fus sta 127.875 torque tube	1	A
-20	AN201KP6A	. . BEARING	1	A
-21	RD206SH6.5L	. . INSERT, (Rosan)	1	A
	RL28SB8	. . RING, (Rosan)	1	A
	176-52225-3	. TUBE ASSY, Horizontal stabilizer control fuselage station 127.875 torque (used on 176-52225)	1	A
	176-52225-7	. TUBE ASSY, Horizontal stabilizer control fuselage station 127.875 torque (used on 176-5225-5)	1	A
-22	176-52238	. . FITTING, Horizontal stabilizer control fus sta 127.875 torque tube	1	A
-23	176-52223-9	. . BELLCRANK ASSY, Horizontal stabilizer forward mechanism RH lower (use 170-52247 untl exh)	1	A
-24	AN200KP3	. . . BEARING	1	A
-25	170-522103	. . ARM, Horizontal stabilizer forward mechanism	2	A
-26	176-52223-5	. . BELLCRANK ASSY, Horizontal stabilizer forward mechanism RH double (used on 176-52225-7)	1	A,*1
-27	AN200KP3	. . . BEARING	1	A
-28	AN200KP4	. . . BEARING	1	A
-29	176-52231	. . PIVOT, Horizontal stabilizer control fuselage station 127.875 torque tube	1	A
-30	176-52244	. . BELLCRANK ASSY, Horizontal stabilizer control forward mechanism bobweight bungee	1	A
-31	1P7	. . . PLUG, Control stop (North American)	2	A
-32	176-52222-5	. . BELLCRANK ASSY, Horizontal stabilizer forward mechanism LH (use 170-52222 untl exh)	2	A
-33	AN200KP3	. . . BEARING	1	A
-34	176-52239	. . TUBE, Horizontal stabilizer control fuselage station 127.875 torque	1	A
-35	170-52223	. . BELLCRANK ASSY, Horizontal stabilizer forward mechanism RH upper (used on 176-52225)	1	A,*1
-36	AN200K3	. . . BEARING	1	A
-37	176-52248	. ADAPTER ASSY, Horizontal stabilizer control torque tube assembly (used on 176-52225)	1	A,*1
-38	AN200KP4	. . BEARING	1	A

*1 Use 170-52223 together with 176-52248 untl exh, whn exh use 176-52223-5 together with 4B21S4-44.

*2 Airplanes 51-13170 thru 51-13468 and 52-4305 thru 52-4780 reworked per T. O. No. 1F-86F-45 have parts reidentified as follows: 170-522104-5 bobweight becomes 191-52211. When the 191-52211 bobweight is reinstalled, the 176-52225 torque mechanism assy is reidentified as 176-52225-11 and the 176-52225-5 torque mechanism assy becomes 176-52225-9.

USEABLE ON CODE: A 51-12970 and subs B 51-12970 thru 51-13468, 52-4305 thru 52-4870 C 51-13469 thru 51-13510 52-4871 and subs

FUSELAGE SURFACE CONTROLS (Cont)

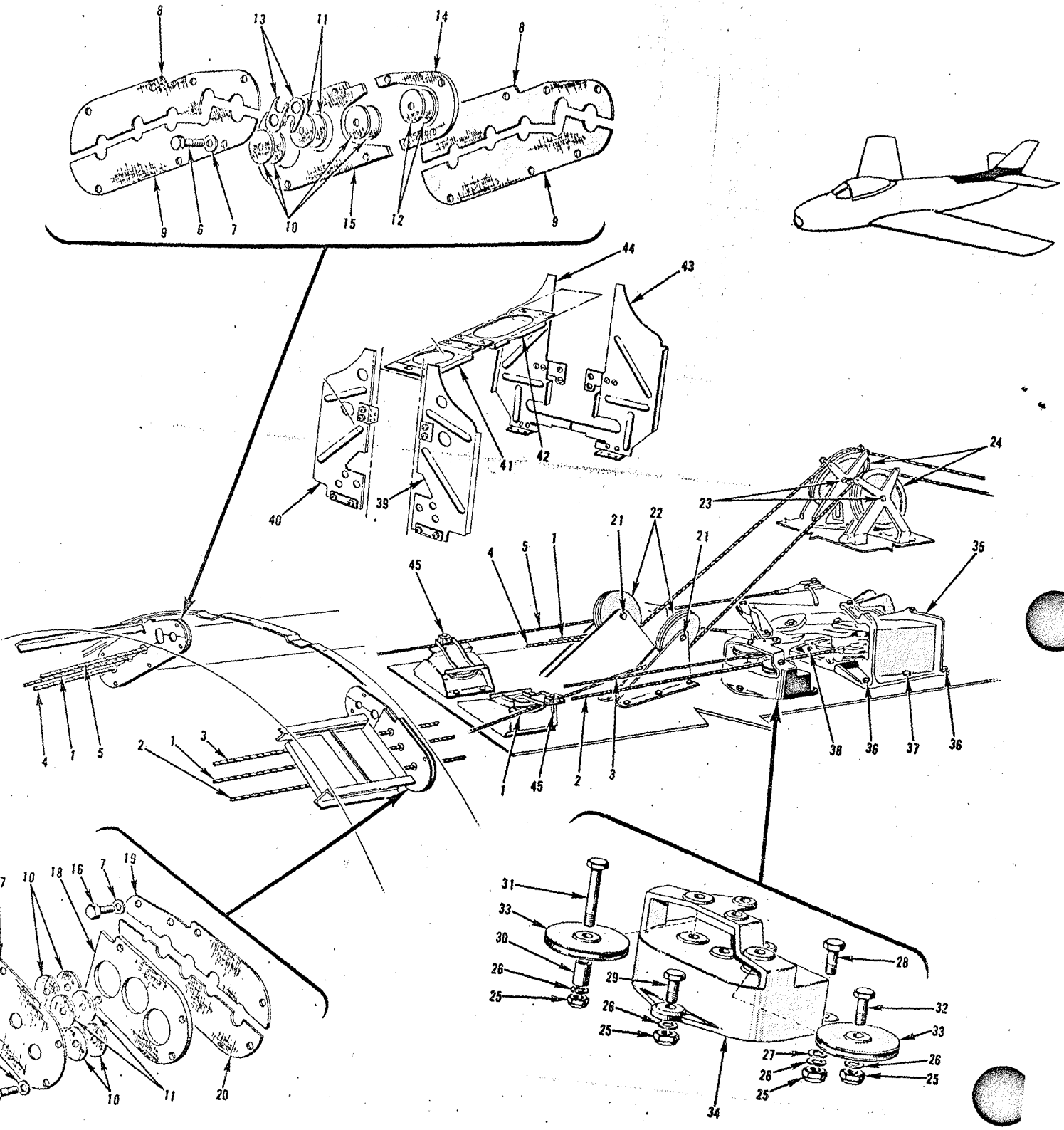


FIGURE 202 - FUSELAGE AFT SURFACE CONTROLS

176-52-10B

FUSELAGE SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
202	170-52032	SURFACE CONTROLS INSTALLATION, Fuselage aft	NP	A
	176-52032	SURFACE CONTROLS INSTALLATION, Aft fuselage	NP	B
	No Number	. HORIZONTAL STABILIZER ACTUATOR AND ARTIFICIAL FEEL EQUIPMENT, (see figure 205 for breakdown)	NP	B
	No Number	. AFT FUSELAGE DECK AREA SURFACE CONTROLS, (see figure 207)	NP	
	No Number	. AFT FUSELAGE SURFACE CONTROLS HYDRAULIC EQUIPMENT, (see figure 197 for breakdown)	NP	
-1	151-52429	. CABLE ASSEMBLY, Rudder control aft	2	C
	151-52429	. CABLE ASSY, Rudder control aft	1	D
	227-52429	. CABLE ASSY, Rudder control assy of	1	D
-2	170-52202	. CABLE ASSEMBLY, Hor stab. control aft LH lower	1	C
	227-52202	. CABLE ASSY, Horizontal stabilizer control aft LH lower	1	D
-3	170-52215	. CABLE ASSEMBLY, Hor stab. control aft LH upper	1	
-4	170-52232	. CABLE ASSEMBLY, Hor stab. control aft RH lower	1	C
	227-52232	. CABLE ASSEMBLY, Hor stab. control aft RH lower	1	D
-5	170-52213	. CABLE ASSEMBLY, Hor stab. control aft RH upper	1	
-7	AN960D10L	. WASHER	12	
-8	170-52008-11	. SEAL, Control cable shroud fus sta 244 3/4 RH upper	2	
-9	170-52008-13	. SEAL, Control cable shroud fus sta 244 3/4 RH lower	2	
-10	170-52035-3	. FAIRLEAD, Control cable shroud seal	8	
-11	170-52035-5	. FAIRLEAD, Control cable shroud seal	4	
-12	170-52035-7	. FAIRLEAD, Control cable shroud seal	2	
-13	170-58729	. FAIRLEAD, Control tube	2	
-14	170-52002	. SPACER, Control cable shroud seal RH inboard	1	
-15	170-52009-5	. SPACER, Control cable shroud seal RH outboard	1	
-16	AN3-3A	. BOLT	2	
-17	170-52005	. RETAINER, Control cable shroud seal LH	1	
-18	170-52011	. SPACER, Control cable shroud seal LH	1	
-19	170-52007-3	. SEAL, Control cable shroud fus sta 244.75 LH upper	1	
-20	170-52007-5	. SEAL, Control cable shroud fus sta 244.75 LH lower	1	
-21	AN4-10A	. BOLT	2	
	AN960D416	. WASHER	2	
	AN365-428	. NUT	2	
-22	AN210-4B	. PULLEY	2	
-23	AN6-16A	. BOLT	2	
	AN960D616	. WASHER	2	
	AN365-624	. NUT	2	
-24	AN210-5B	. PULLEY	2	
-25	AN365-1032	. NUT	10	
-26	AN960D10	. WASHER	10	
-27	2W1C12-24-64	. WASHER, Plain (North American) (RH side)	2	
	2W1C12-24-64	. WASHER, Plain (North American) (LH side)	1	
-28	AN3-6A	. BOLT	4	
-29	AN3-5A	. BOLT	2	
-30	NAS43DD3-49	. SPACER, Screw and bolt	2	
-31	AN3-20A	. BOLT	2	
-32	AN3-12A	. BOLT	2	
-33	AN210-2B	. PULLEY	4	
-34	170-52205	. BRACKET, Horizontal stabilizer control fuselage station 364	2	
-35	170-52208	. CONTROL ASSY, Horizontal stabilizer boost (see figure 203 for breakdown)	1	A
	176-52208-5	. CONTROL ASSY, Horizontal stabilizer aft bellcrank (see figure 204 for breakdown)	1	B
	ATTACHING PARTS			
-36	AN4-6A	. BOLT	3	
	AN960D416	. WASHER	3	
	AN365-428	. NUT	3	
-37	AN3-6A	. BOLT	2	
	AN960D10	. WASHER	2	
	AN365-1032	. NUT	2	
-38	AN3-5A	. BOLT	5	
	AN960D10L	. WASHER	5	
	AN365-1032	. NUT	5	
	---*---			
-39	170-52294-1	. SHIELD ASSY, Hor stab. control forward vertical beam LH	1	
-40	170-52294-2	. SHIELD ASSY, Hor stab. control forward vertical beam RH	1	
-41	170-52295	. SHIELD, Hor stab. control vertical stab. rib forward	1	
-42	170-52296	. SHIELD, Hor stab. control vertical stab. rib aft	1	
-43	170-52297-1	. SHIELD, Hor stab. control aft vertical beam LH	1	
-44	170-52297-2	. SHIELD, Hor stab. control aft vertical beam RH	1	
-45	NAS427T16	. PIN, Pulley guard	2	

USEABLE ON CODE: A 51-2850 thru 51-12969; B 51-12970 and subs; C 51-2850 thru 53-1228; D 55-3816 and subs

FUSELAGE SURFACE CONTROLS (Cont)

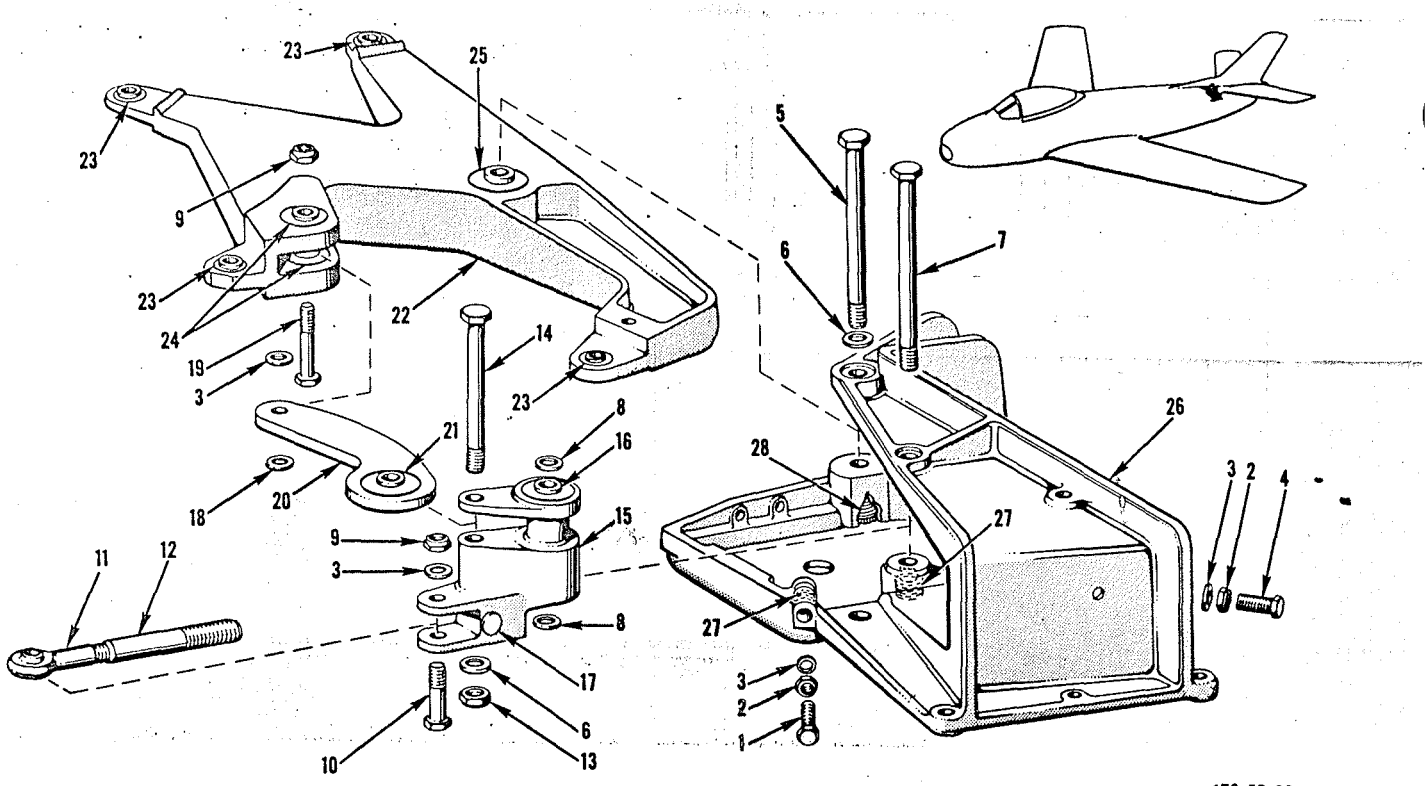


FIGURE 203 - HORIZONTAL STABILIZER BOOST CONTROL ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
203	170-52208	CONTROL ASSY, Hor stab. boost (see fig. 202 for next assy)	Ref	A
-1	NAS428H4-20	. BOLT, Adjusting crowned hex head	1	A
-2	AN315-4R	. NUT	2	A
-3	AN960D416	. WASHER	4	A
-4	NAS428H4-26	. BOLT, Adjusting crowned hex head	1	A
-5	AN175H30A	. BOLT	1	A
-6	AN960D516	. WASHER	2	A
-7	AN174H37A	. BOLT	1	A
-8	2W1LB16-16-.046	. WASHER, Plain (North American)	AR	A
-9	AN365-428	. NUT	2	A
-10	AN174-13A	. BOLT	1	A
	170-52263	. ROD END ASSY, Horizontal stabilizer control lower	1	A
-11	RE4F5	. . BEARING, Rod end (Fafnir)	1	A
-12	170-52263-3	. . ROD, Horizontal stabilizer control lower	1	A
-13	AN365-524	. NUT	1	A
-14	AN175-27A	. BOLT	1	A
-15	170-52210	. ARM ASSY, Horizontal stabilizer boost control	1	A
-16	AN200K4	. . BEARING	2	A
	4S6-4-1.188	. . SPACER, Plain dual bearing (North American)	1	A
-17	1P7	. . PLUG, Control stop (North American)	2	A
-18	AN960D416L	. WASHER	1	A
-19	AN174-17A	. BOLT	1	A
-20	170-52221	. LINK ASSY, Horizontal stabilizer boost control	1	A
-21	AN200K5	. . BEARING	1	A
	170-52207-5	. BELLCRANK ASSY, Horizontal stabilizer boost control	1	A
-22	170-52207-3	. . BELLCRANK, Horizontal stabilizer boost control	1	A
-23	AN201K3A	. . BEARING	4	A
-24	AN200K4	. . BEARING	2	A
-25	AN200K5	. . BEARING	2	A
	4S6-5-0.384	. . SPACER, Plain dual bearing (North American)	1	A
-26	170-52235	. SUPPORT ASSY, Horizontal stabilizer boost control	1	A
-27	RD206SH6.5	. . INSERT, (Rosan)	3	A
	RL28SB8	. . RING, (Rosan)	3	A
-28	R207SB9	. . INSERT, (Rosan)	1	A
	RL31SB9	. . RING, (Rosan)	1	A

USEABLE ON CODE: A 51-2850 thru 51-12969

FUSELAGE SURFACE CONTROLS (Cont)

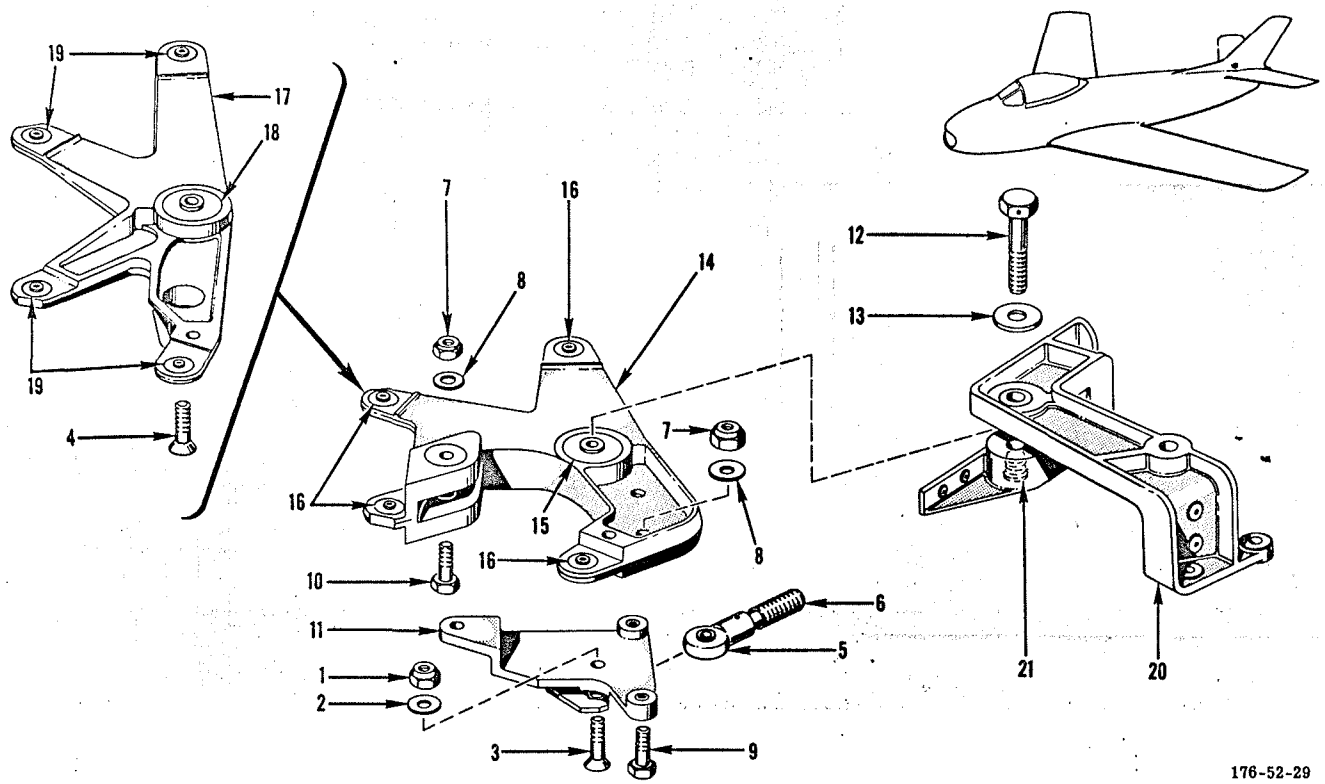
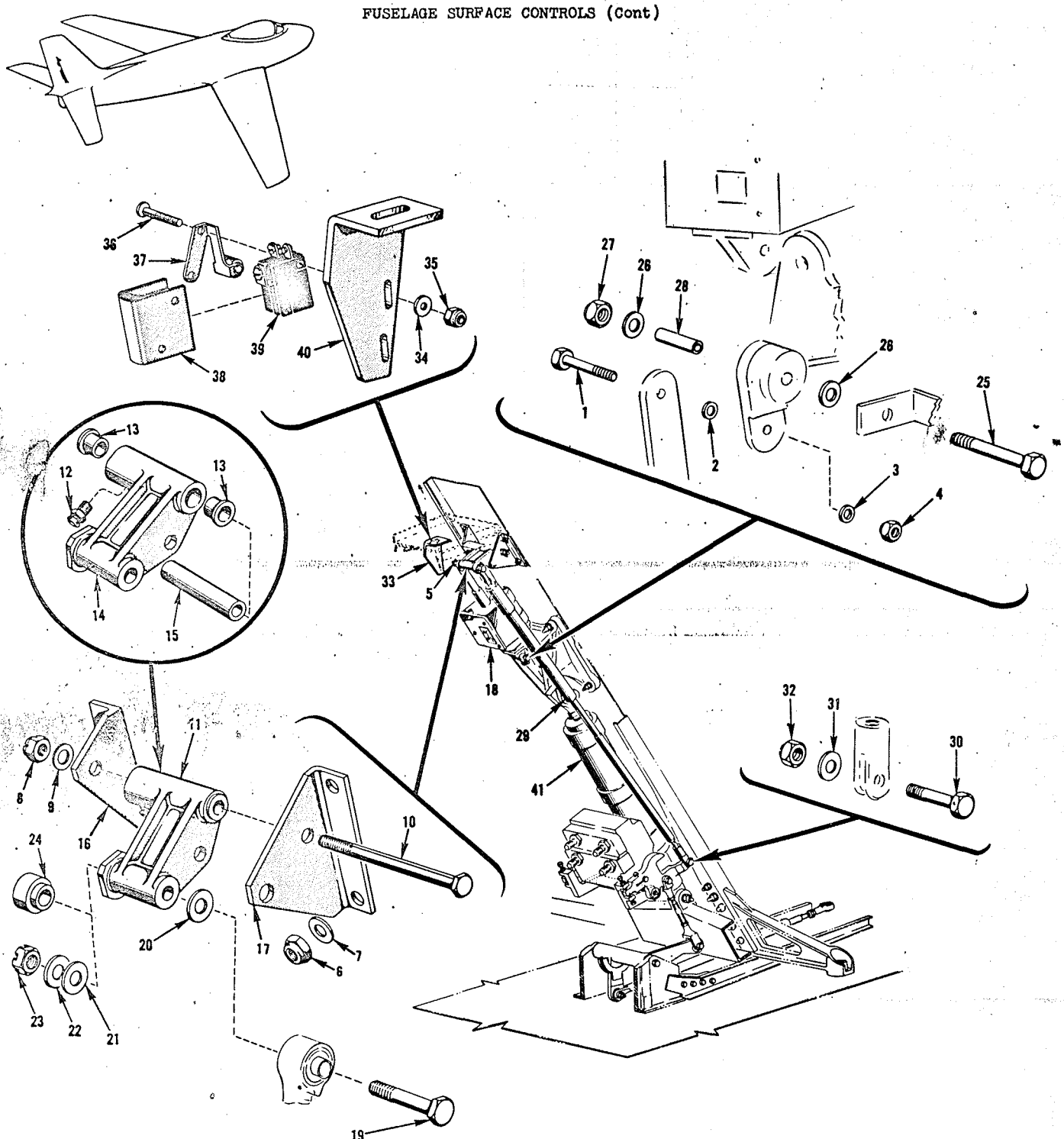


FIGURE 204 - HORIZONTAL STABILIZER AFT BELLCRANK CONTROL ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
204	176-52208-5	CONTROL ASSY, Hor stab. aft bellcrank (use 176-52208 until exh) (see figure 202 for next assembly)	Ref	A
	176-52208	CONTROL ASSY, Hor stab. aft bellcrank (when exh use 176-52208-5)	Ref	A
-1	AN365-428	. NUT	1	A
-2	AN960D416	. WASHER	1	A
-3	NAS334A15	. BOLT, 100° close tolerance high strength 1/4-28 (used on 176-52208 only)	1	A
-4	NAS334A14	. BOLT, 100° close tolerance high strength 1/4-28 (used on 176-52208-5 only)	1	A
	170-522254	. ROD END ASSY, Horizontal stabilizer control forward	1	A
-5	RE4F5	. . ROD END, (Fafnir)	1	A
-6	170-522254-3	. . ROD, Horizontal stabilizer control forward	1	A
-7	AN365-428	. NUT, (used on 176-52208 only)	3	A
-8	AN960D416	. WASHER, (used on 176-52208 only)	3	A
-9	AN174-12A	. BOLT, (used on 176-52208 only)	2	A
-10	AN174-16D	. BOLT, (used on 176-52208 only)	1	A
-11	170-522253	. ADAPTER, Horizontal stabilizer control aft bellcrank (used on 176-52208 only)	1	A,*1
-12	AN175H30A	. BOLT	1	A
-13	AN960D516	. WASHER	1	A
-14	170-52207-9	. BELLCRANK ASSY, Horizontal stabilizer boost control (used on 176-52208 only)	1	A,*1
-15	AN200K5	. . BEARING	2	A
	4S6-5-0.384	. . SPACER, Plain dual bearing (North American)	1	A
-16	AN201K3A	. . BEARING	4	A
	170-52207-7	. . BELLCRANK, Horizontal stabilizer boost control	1	A
-17	176-52206-5	. BELLCRANK ASSY, Horizontal stabilizer boost control (used on 176-52208-5 only)	1	A,*1
-18	AN200KP5	. . BEARING	2	A
	4S6-5-0.384	. . SPACER, Plain dual bearing (North American)	1	A
-19	AN201KP3A	. . BEARING	4	A
	176-52206-3	. . BELLCRANK, Horizontal stabilizer boost control	1	A
-20	176-52235	. SUPPORT ASSY, Hor stab. aft deck (use 170-52235-3 until exh)	1	A
-21	R207SB9	. . INSERT, (Rosan)	1	A
	RL31SB9	. . RING, (Rosan)	1	A

*1 Use 170-52207-9 together with 170-522253 until exh, when exh use 176-52206-5.
USEABLE ON CODE: A 51-12970 and subs



F-86F-4-52-6B

FIGURE 205 - HORIZONTAL STABILIZER ACTUATOR AND ARTIFICIAL FEEL EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
205	No Number	HORIZONTAL STABILIZER ACTUATOR AND ARTIFICIAL FEEL EQUIPMENT . . . (see fig. 202 for next assy)	NP	A
-1	AN174-6A	. BOLT	1	A
-2	2W18-416L	. WASHER, Flat (North American) (use between 176-52242 & 176-52261)	AR	A
-3	AN960D416L	. WASHER	1	A
-4	AN365-428	. NUT	1	A
-5	176-52263	. BRACKET ASSY, Hor stab control artificial feel trim actuator. bellcrank (whn exh use 176-52263-10)	1	F
	176-52263-10	. BRACKET ASSY, Hor stab control artificial feel trim actuator. bellcrank (use 176-52263 until exh)	1	F

FUSELAGE SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
205	176-52263-20		BRACKET ASSY, Hor stab control artificial feel trim actuator bellcrank	1	D
	ATTACHING PARTS				
-6	AN365-428		NUT	4	A
-7	AN960D416		WASHER	4	A
	---*---				
-8	AN320-4		NUT, (used on 176-52263 only)	1	F
	AN365-428		NUT, (used on 176-52263-10 & -20 only)	1	A
-9	AN960D416L		WASHER, (used on 176-52263 only)	2	F
	2W18-416L		WASHER, (used on 176-52263-10 & -20 only)	2	A
-10	NAS464-4-39		BOLT, (used on 176-52263 only)	1	A
	AN4-27A		BOLT, (used on 176-52263-10 & -20 only)	1	A
-11	176-52224-5		BELLCRANK ASSY, Hor stab control artificial feel at surface (used on 176-52263 only)	1	F
	176-52224-7		BELLCRANK ASSY, Hor stab control artificial feel at surface (used on 176-52263-10 & -20 only)	1	A
-12	AN944-201		FITTING	1	A
-13	4B16CF4-12		BEARING, Sintered oil impregnated (North American) (used on 176-52224-5 only)	2	F
-14	176-52224-3		BELLCRANK, Hor stab control art. feel at surface	1	A
-15	4B21S4-204		BUSHING, Spacer (North American) (used on 176-52263-10 and -20 only)	1	A
-16	176-52265		ANGLE, Hor stab control artificial feel at surface LH	1	A
-17	176-52264		ANGLE, Hor stab control artificial feel at surface RH (used on 176-52263 & -10 only)	1	F
	176-52264-10		ANGLE, Hor stab control artificial feel at surface RH (used on 176-52263-20 only)	1	D
-18	29656-6		ACTUATOR ASSY, Stab bungee trim (Airesearch) (North American. Spec NA5-7917-1	1	F
	34656-3		ACTUATOR ASSY, Stab bungee trim (Airesearch) (North American. Spec NA5-7917-4A)	1	D
	ATTACHING PARTS				
-19	NAS464-4-47		BOLT	1	D
	NAS464-4-45		BOLT	1	F,*2
-20	2W18-416		WASHER, Flat (North American) (used between 176-52263 & 191-52220)	1	D
-21	2W1AL16-26-032		WASHER, Plain (North American)	1	D
-22	AN960D416L		WASHER, (used as required for proper alignment)	1	D
-23	AN320-4		NUT	1	A,*2
-24	202-54709		CAM, Hor stab trim take-off indicator light switch	1	A,*2
-25	AN3-13A		BOLT	1	A,*1
-26	2W18-10		WASHER, Flat (North American)	2	A,*1
-27	AN365-1032		NUT	1	A,*1
-28	191-52210		SPACER, Hor stab control trim actuator lower attaching	1	A,*1
	---*---				
-29	191-52220-3	*5	BUNGEE ASSY, Hor stab control artificial feel at surface (use 176-52220-3 or 176-52220-5 untl exh)	1	B
	191-52220-3	*5	BUNGEE ASSY, Hor stab control artificial feel at surface (if T.O. 1F-86F-45 has been worked prior to T.O. 1F-86F-230 on these airplanes use 191-52220-5)	1	G
	191-52220-5	*5	BUNGEE ASSY, Hor stab control artificial feel at surface (if T.O. 1F-86F-45 has not been worked prior to T.O. 1F-86F-230 on these airplanes use 191-52220-3)	1	G
	191-52220-5	*5	BUNGEE ASSY, Hor stab control artificial feel at surface (use 191-52220, 176-52220-7 or 176-52220 untl exh) (176-52220-7 or -11 are not to be ordered for replacement)	1	C
	191-52220-7	*5	BUNGEE ASSY, Hor stab control artificial feel at surface	1	D
-30	AN173-7		BOLT	1	
-31	AN960D10		WASHER	1	
-32	AN310-3		NUT	1	
-33	202-54704		SWITCH ASSY, Hor stab trim take-off indicating light	1	F,*2,*3
	227-54705		SWITCH ASSY, Hor stab trim take-off indicating light	1	D
-34	AN365-440		NUT	2	D
	AN365-448		NUT	2	F,*2,*3
-35	2W18-4L		WASHER, Flat (North American)	2	A,*2,*3
-36	AN515-4R12		SCREW	2	D
	AN520-4-12		SCREW	2	F,*2,*3
-37	JV5		ACTUATOR, Switch (Micro-Switch)	1	A,*2,*3
-38	181-520184		INSULATOR, Electrical AN3234-1 switch	1	A,*2,*3
-39	AN3234-1		SWITCH	1	A,*2,*3
-40	202-54706		SUPPORT, Hor stab trim take-off indicating light switch	1	F,*2,*4
	202-54710		SUPPORT, Hor stab trim take-off indicating light switch	1	*3
	227-54706		SUPPORT, Hor stab trim take-off indicating light switch	1	D
-41	176-58706		ACTUATOR ASSY, Hyd stab power control (see fig. 96)	Ref	

*1 Refer to T.O. 1F-86-175
*2 Refer to T.O. 1F-86F-216
*3 Also used on airplanes 51-13170 thru 53-1227 modified per T.O. 1F-86F-516
*4 Not used on airplanes modified per T.O. 1F-86F-516.
*5 Refer to T.O. 16C1-1-114 for bkdn

USEABLE ON CODE:
A 51-12970 and subs
B 51-12970 thru 51-13169, 51-13233 thru 51-13468, 52-4446 thru 52-4780
C 51-13479 thru 51-13510, 52-4781 thru 53-1228
D 55-3816 and subs
F 51-12970 thru 55-1228
G 51-13170 thru 51-13232, 52-4305 thru 52-4445

FUSELAGE SURFACE CONTROLS (Cont)

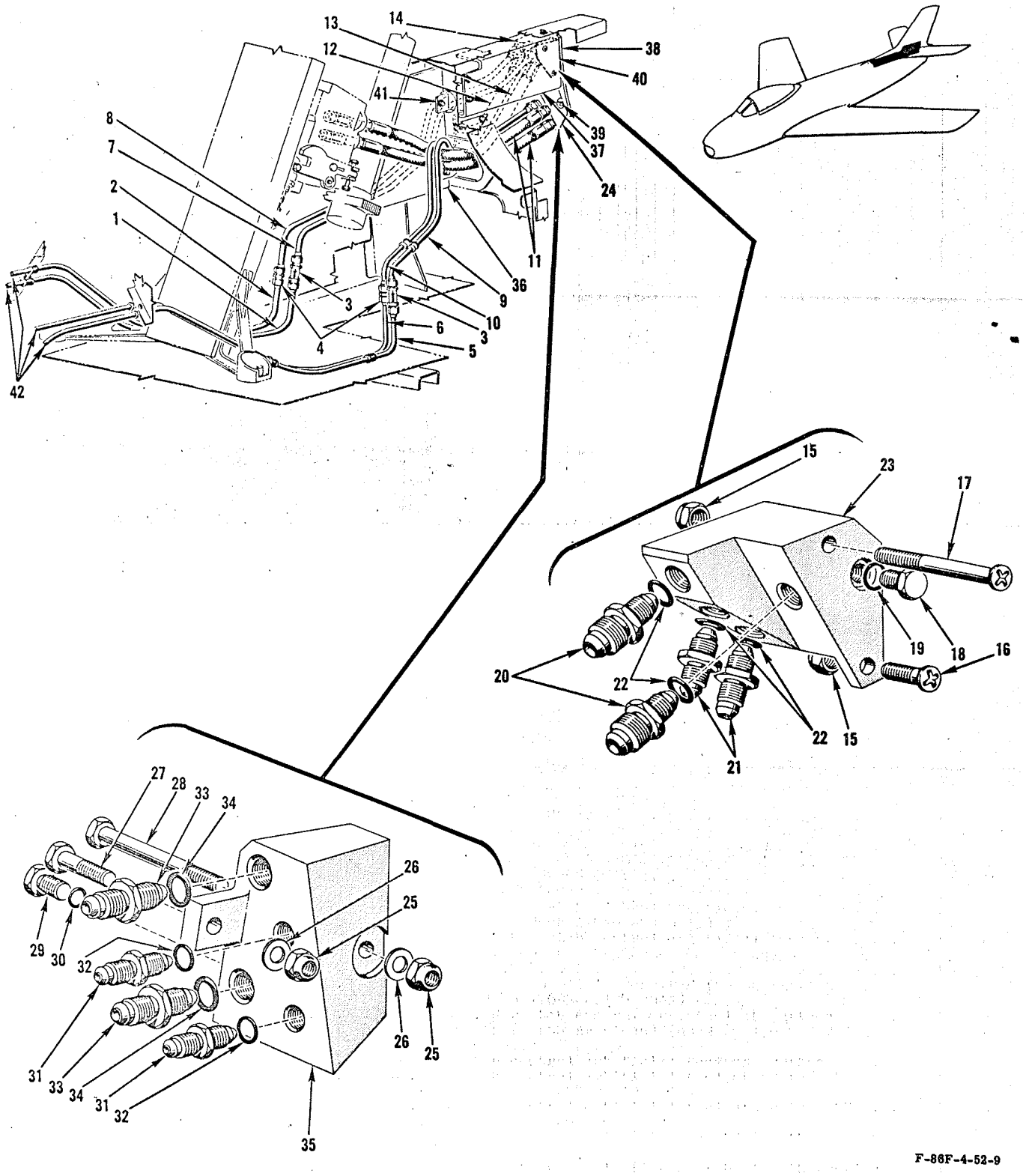


FIGURE 206 - FUSELAGE AFT SURFACE CONTROLS HYDRAULIC EQUIPMENT

FUSELAGE SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
206	No Number	FUS AFT SURFACE CONTROLS HYD EQUIP., (see fig. 202 for next assy)	NP	
-1	170-58799-63	. LINE ASSY, Power control pressure check valve sta 388 to union station 370	1	
-2	170-58799-61	. LINE ASSY, Power control return union sta 388 to union sta 360	1	
-3	AN6249-6	. VALVE, 3000 psi hydraulic check	2	
-4	AN815-6	. UNION	2	
-5	170-58799-67	. LINE ASSY, Emergency power control pressure check valve station 388 to union station 358	1	
-6	170-58799-65	. LINE ASSY, Emer power cont return union sta 388 to union sta 351	1	
-7	170-58799-73	. LINE ASSY, Power control pressure manifold station 409 to check valve station 388	1	*1
-8	170-58799-75	. LINE ASSY, Power cont press. man. sta 409 to union sta 388	1	*1
-9	170-58799-77	. LINE ASSY, Emergency power control pressure manifold station 409 to check valve station 388	1	*1
-10	170-58799-79	. LINE ASSY, Emer power cont return man. sta 409 to union sta 388	1	*1
-11	3H3-4-12 7/8	. HOSE ASSY, Plastic covered (North American) (altered from AN6271)	2	A,*1
	3H3-4-13	. HOSE ASSY, Plastic covered upper (North American) (altered from AN6271)	1	B
	3H3-4-13 9/16	. HOSE ASSY, Plastic covered lower (North American) (altered from AN6271)	1	B
-12	3H3-4-14 1/8	. HOSE ASSY, Plastic covered (North American)(altered from AN6271)	1	A,*1
	3H3-4-14 1/4	. HOSE ASSY, Plastic covered (North American)(altered from AN6271)	1	B
-13	3H3-4-15	. HOSE ASSY, Plastic covered (North American)(altered from AN6271)	1	A,*1
	3H3-4-15 3/4	. HOSE ASSY, Plastic covered (North American)(altered from AN6271)	1	B
-14	176-58711	. MANIFOLD ASSY, Hor stab. cylinder normal system hose	1	*1
	ATTACHING PARTS			
-15	AN364D428	. NUT	2	*1
-16	AN507-428-10	. SCREW	1	*1
-17	AN507-428-32	. SCREW	1	*1
	---*---			
-18	1P6S	. . PLUG, Hydraulic (North American)	1	*1
-19	AN6227-1	. . PACKING	1	*1
-20	AN919-6D	. . REDUCER	2	*1
-21	AN815-4D	. . UNION	2	*1
-22	AN6290-4	. . GASKET	4	*1
-23	176-58731	. . MANIFOLD, Hydraulic hor stab. cyl normal system hose	1	*1
-24	176-58712	. MANIFOLD ASSY, Hyd stab. cyl emergency system hose	1	*1
	ATTACHING PARTS			
-25	AN365D428	. NUT	4	*1
-26	AN960D416	. WASHER	4	*1
-27	AN4-7A	. BOLT	1	*1
-28	AN4-20A	. BOLT	1	*1
	---*---			
-29	1P6S	. . PLUG, Hydraulic (North American)	1	*1
-30	AN6227-1	. . PACKING	1	*1
-31	AN815-4D	. . UNION	2	*1
-32	AN6290-4	. . GASKET	2	*1
-33	AN815-6D	. . UNION	2	*1
-34	AN6290-6	. . GASKET	2	*1
-35	176-58732	. . MANIFOLD, Hydraulic hor stab. cylinder emer system hose	1	*1
-36	176-58733	. PLATE, Hyd stab. cylinder lines protection forward armor	1	*1
	176-58713	. PLATE ASSY, Hyd stab. cyl lines protection intermediate armor	1	*1
-37	176-58734	. . PLATE, Hyd stab. cyl lines protection intermediate armor	1	*1
-38	176-58735	. PLATE, Hydraulic stab. cylinder lines protection rear armor	1	*1
-39	176-58737	. BRACKET, Hydraulic stab. cylinder rear armor plate support	1	*1
-40	176-58738	. BRACKET, Hydraulic stab. cylinder rear armor plate support	1	*1
-41	176-58739	. BRACKET, Hydraulic stab. cylinder rear armor plate support	1	*1
-42	No Number	For continuation of these lines see figure 262	Ref	

USEABLE ON CODE: A 51-13170 thru 53-1228 B 55-3816 and subs

*1 Refer to T. O. 1F-86-115.

FUSELAGE SURFACE CONTROLS (Cont)

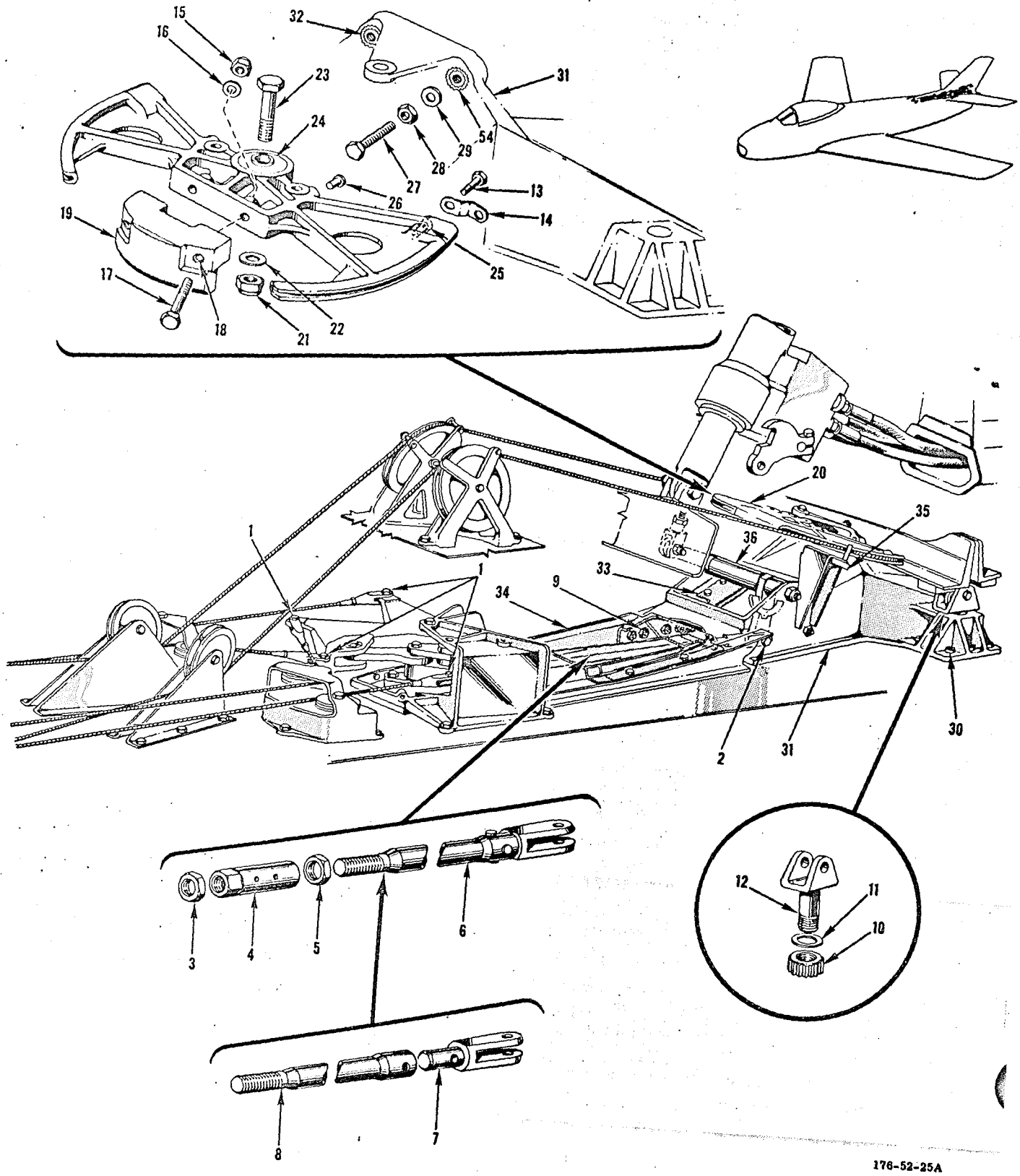


FIGURE 207 - FUSELAGE AFT DECK AREA SURFACE CONTROLS

FUSELAGE SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
207	No Number	AFT FUSELAGE DECK AREA SURFACE CONTROLS, (see figure 202 for next assembly)	NP	
-1	AN23-13	BOLT	4	
	AN960D10	WASHER	4	
	AN320-3	NUT	4	
-2	AN174-12A	BOLT	1	
	AN960D416	WASHER	1	
	AN365-428	NUT	1	
-3	170-52262	NUT, Horizontal stabilizer control lower rod fwd check	1	
-4	170-52260	BARREL, Horizontal stab. control lower rod adjustment	1	
-5	170-52261	NUT, Horizontal stab. control lower rod aft check	1	
-6	170-52209	ROD ASSY, Horizontal stabilizer control lower	1	A
	170-52209-5	ROD ASSY, Horizontal stabilizer control lower	1	B
-7	159-52219-3	. CLEVIS, Elevator control tube	1	A
	176-52203	. CLEVIS, Horizontal stabilizer lower control rod	1	B
-8	170-52209-3	. TUBE, Horizontal stabilizer control lower	1	A
	170-52209-7	. TUBE, Horizontal stabilizer control lower	1	B
-9	AN4-6A	BOLT	4	
	AN4-7A	BOLT	4	
	AN960D416	WASHER	8	
	AN365-428	NUT	8	
-10	42FW1018	NUT, (Standard Pressed Steel)	2	
-11	AN960D1016	WASHER	2	
-12	161-21420-3	BOLT, Horizontal stabilizer hinge fus sta 298.797	2	
-13	AN3H4A	BOLT, (LH side)	1	
	AN3H3A	BOLT, (RH side)	1	
-14	140-52017	RETAINER, Single cable	2	
-15	AN365-428	NUT	2	
-16	AN960D416	WASHER	2	
-17	AN4-20A	BOLT	2	
	170-24400	WEIGHT ASSY, Rudder control bellcrank	1	C
-18	170-24400-5	. BUSHING, Rudder control bellcrank (altered from North American 4B19S4-028)	2	C
-19	170-24400-3	. WEIGHT, Rudder control bellcrank	1	C
-20	170-52403	SECTOR ASSY, Rudder control aft	1	D
	227-52403	SECTOR ASSY, Rudder control aft	1	E
	ATTACHING PARTS			
-21	AN365-624	NUT	1	
-22	AN960D616	WASHER	1	
-23	AN176-21A	BOLT	1	
	---*---			
-24	AN207D6	. BEARING	1	D
	AN207DP6	. BEARING	1	E
-25	RD205SH5.5L	. INSERT, (Rosan)	2	D
	RD205SB5.5L	. INSERT, (Rosan)	2	E
	RL24SB7	. RING, (Rosan)	2	
-26	1P7	. PLUG, Control stop (North American)	2	
-27	NAS428-4-14	BOLT, Adjusting crowned hex head	2	
-28	AN316-4R	NUT	2	
-29	AN960D416	WASHER	2	
-30	NAS144-20	BOLT, Internal wrenching steel 1/4-28	10	
	AN4-6A	BOLT, (Aft side inboard)	10	
	AN4-10A	BOLT, (Aft side outboard)	2	
	2W10-4	WASHER, Countersunk (North American) (used with NAS144-20)	10	
	AN960D416	WASHER	22	
	AN365-428	NUT	22	
-31	170-52010	SUPPORT ASSY, Surface control empennage	1	
-32	RD206SH6.5L	. INSERT, (Rosan)	2	
	RL28SB8	. RING, (Rosan)	2	
-33	170-52288	COVER, Horizontal stabilizer control support	1	
-34	170-52293	SHIELD, Horizontal stabilizer control aft mechanism	1	
-35	170-52435	ATTACHMENT ASSY, Rudder sector control cable	1	
-36	No Number	HORIZONTAL STABILIZER REAR BELLCRANK AND CONTROL VALVE ACTUATING ROD ASSEMBLIES, (see figure 208 for breakdown)	NP	

USEABLE ON CODE:
A 51-2850 thru 51-12969
B 51-12970 and subs
C 51-13170 thru 51-13226, 52-4305 thru 52-4504
D 51-2850 thru 53-1228
E 55-3816 and subs

FUSELAGE SURFACE CONTROLS (Cont)

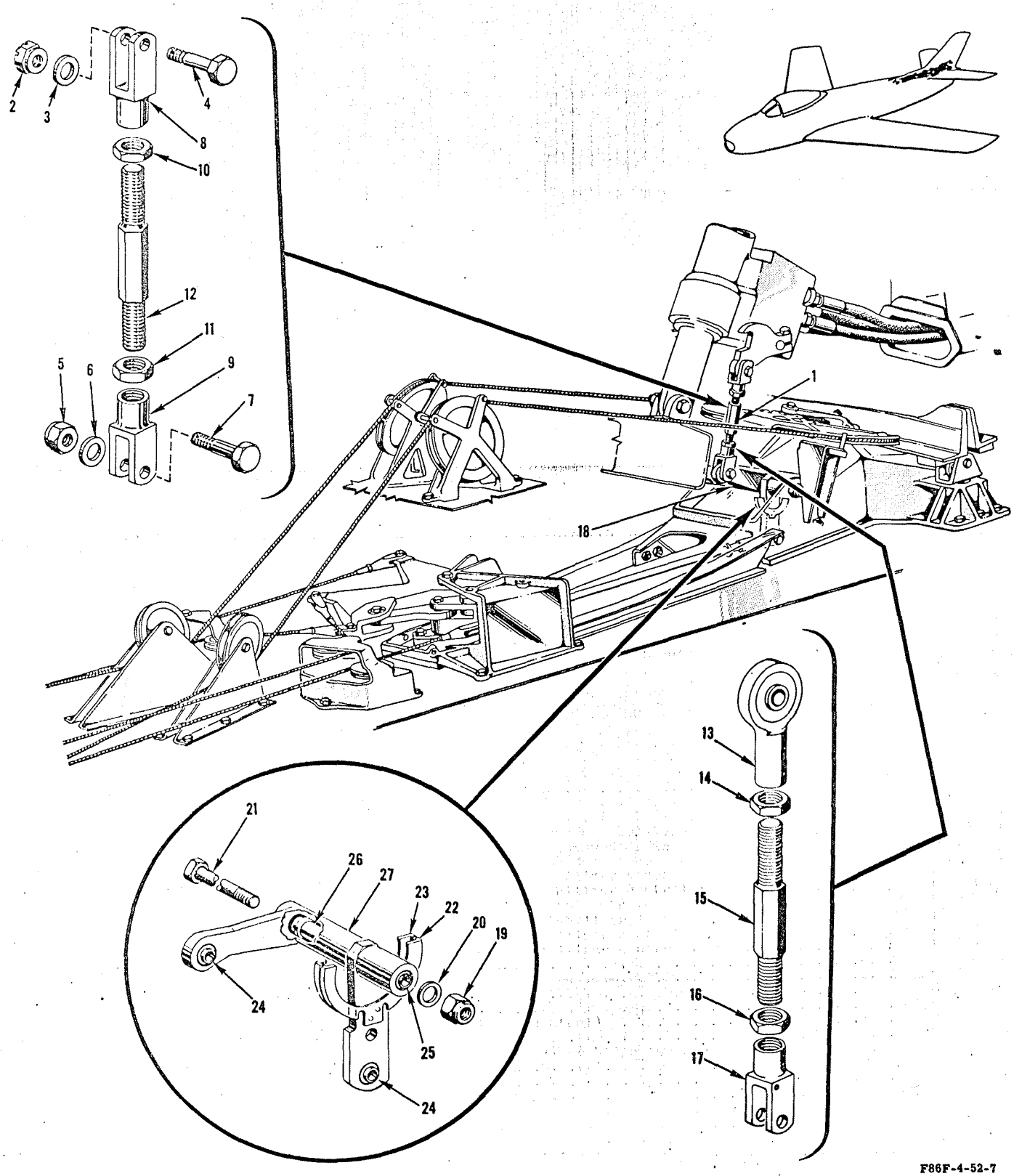


FIGURE 208 - HORIZONTAL STABILIZER REAR BELLCRANK AND CONTROL VALVE ACTUATING ROD ASSEMBLIES

FUSELAGE SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
208	No Number	HORIZONTAL STABILIZER REAR BELLCRANK AND CONTROL VALVE ACTUATING ROD ASSEMBLIES, (see figure 207 for next assy)	NP	
-1	170-522123	. ROD ASSEMBLY, Horizontal stabilizer control valve actuating	1	C
	ATTACHING PARTS			
-2	AN320-4	. NUT	1	C
-3	2W18-416	. WASHER, Plain (North American)	1	C
-4	NAS464-4-12	. BOLT, Shear close tolerance	1	C
-5	AN365-428	. NUT	1	C
-6	2W18-416	. WASHER, Plain (North American)	2	C
-7	AN174-12A	. BOLT	1	C
		---*---		
-8	170-522117	. . FORK, Horizontal stabilizer control valve rod upper	1	C
-9	170-522124	. . FORK, Horizontal stabilizer control valve rod lower	1	C
-10	AN316-5R	. . NUT	1	C
-11	AN316-5L	. . NUT	1	C
-12	170-522125	. . ROD, Horizontal stabilizer control valve actuating	1	C
	227-52211	. ROD ASSY, Horizontal stabilizer control valve actuating	1	D
-13	227-52213	. . ROD END, Hor stab. control valve rod upper	1	D
-14	AN316-5R	. . NUT	1	D
-15	227-52212	. . ROD, Hor stab. control valve actuating	1	D
-16	AN315-5L	. . NUT	1	D
-17	170-522124	. . FORK, Hor stab. control valve rod lower	1	D
-18	170-522110-5	. BELLCRANK ASSY, Hor stab. control rear (whn exh use 176-52243-13)	1	A
	176-52243-13	. BELLCRANK ASSY, Hor stab. control rear (use 170-522110-5 untl exh)	1	A
	170-522255	. BELLCRANK ASSY, Hor stab. control rear (whn exh use 176-52243-9)	1	B
	176-52243-9	. BELLCRANK ASSY, Hor stab. control rear (use 170-522255 untl exh)	1	B
	ATTACHING PARTS			
-19	AN365-524	. NUT	1	
-20	AN960D516	. WASHER	1	
-21	AN175-60A	. BOLT	1	
		---*---		
-22	170-52287-1	. . SHIELD, Horizontal stabilizer control bellcrank LH	1	
-23	170-52287-2	. . SHIELD, Horizontal stabilizer control bellcrank RH	1	
-24	AN200KS4	. . BEARING	2	
-25	AN201KP5A	. . BEARING	2	
-26	4S7-7-4.454	. . SPACER, Flanged dual bearing (North American)	1	
-27	170-522110-7	. . BELLCRANK, Horizontal stabilizer control rear (used on 170-522110-5 only)	1	A
	176-52243-11	. . BELLCRANK, Horizontal stabilizer control rear (used on 176-52243-13 only)	1	A
	170-522255-5	. . BELLCRANK, Horizontal stabilizer control rear (used on 170-522255 only)	1	B
	176-52243-7	. . BELLCRANK, Horizontal stabilizer control rear (used on 176-52243-9 only)	1	B

USEABLE ON CODE: A 51-2850 thru 51-12969 C 51-2850 thru 53-1228
B 51-12970 and subs D 55-3816 and subs

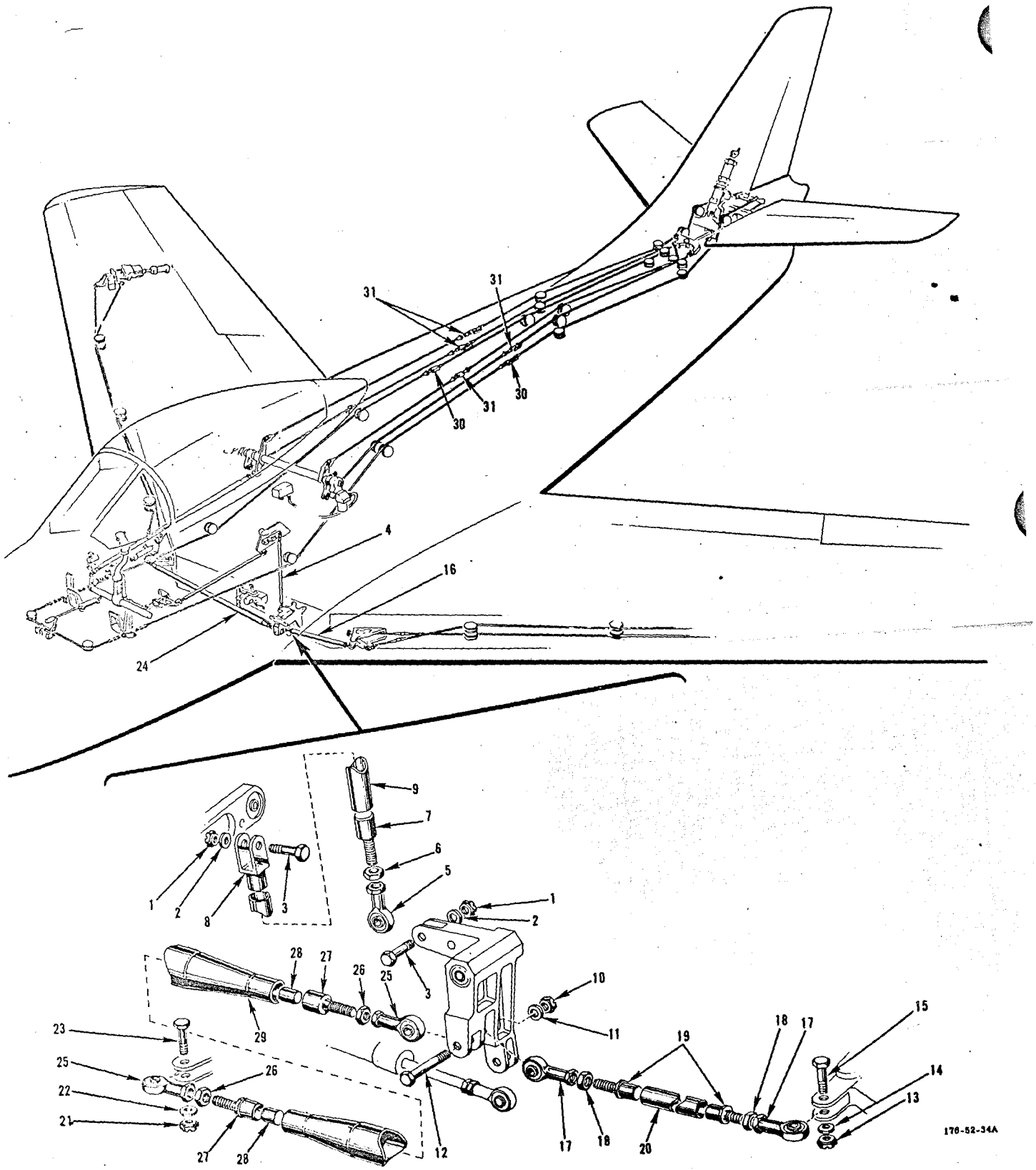


FIGURE 209 - INTERCONNECTING SURFACE CONTROLS EQUIPMENT

FUSELAGE SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
209		INTERCONNECTING SURFACE CONTROLS EQUIPMENT		
	170-52001	. COMPLETE SURFACE CONTROLS INSTALLATION	NP	A
	176-52001	. COMPLETE SURFACE CONTROLS INSTALLATION	NP	B
-1	AN365-428	. . NUT	2	
-2	AN960D416	. . WASHER	2	
-3	AN174-13A	. . BOLT	2	
-4	170-52304	. . ROD ASSY, Aileron control fus to wing connecting	1	
-5	RE4F5	. . . END, Ball bearing rod (Fafnir)	1	
-6	AN316-5R	. . . NUT	1	
-7	140-52346	. . . ROD END, Aileron control fuselage station 125.25	1	
-8	151-52363	. . . FORK, Aileron control fus sta 125.25 push-pull rod	1	
-9	170-52304-5	. . . TUBE, Aileron control fuselage to wing connecting	1	
-10	AN365-428	. . NUT	1	
-11	AN960D416	. . WASHER	1	
-12	AN174-24A	. . BOLT	1	
-13	AN320-4	. . NUT	1	
-14	AN960D416	. . WASHER	1	
	AN960D416L	. . WASHER	1	
-15	NAS464-4-14	. . BOLT, Shear close tolerance	1	
-16	170-52319	. . ROD ASSEMBLY, Aileron control wing center section LH	1	
-17	RE4F5	. . . END, Ball bearing rod (Fafnir)	2	
-18	AN316-5R	. . . NUT	2	
-19	159-52220-5	. . . TUBE END, Elevator control threaded	2	
-20	170-52319-5	. . . TUBE, Aileron control wing center section LH	1	
-21	AN320-4	. . NUT	1	
-22	AN960D416	. . WASHER	1	
	AN960D416L	. . WASHER	1	
-23	NAS464-4-14	. . BOLT, Shear close tolerance	1	
-24	170-52323	. . ROD ASSEMBLY, Aileron control wing center section RH	1	
-25	RE4F5	. . . END, Ball bearing rod (Fafnir)	2	
-26	AN316-5R	. . . NUT	2	
-27	159-52220-11	. . . TUBE END, Elevator control threaded	2	
-28	159-52117-17	. . . PLUG, Rod end and tube rivet	2	
-29	170-52323-5	. . . TUBE, Aileron control wing center section RH	1	
-30	D6-1001-5N	. . DISCONNECT ASSY, 5/32 extra long (Pacific Scientific)	2	C
	1209-001	. . DISCONNECT ASSY, 5/32 quick disc. cable (Bohanan)	2	D
-31	D6-1001-3N	. . DISCONNECT ASSY, 3/32 extra long (Pacific Scientific)	4	C
	1207-001	. . DISCONNECT ASSY, 3/32 quick disc. cable (Bohanan)	4	D

USEABLE ON CODE:
A 51-2850 thru 51-12969
B 51-12970 thru 53-1352
C 51-2850 thru 53-1352
D 55-1353 and subs

FUSELAGE SURFACE CONTROLS (Cont)

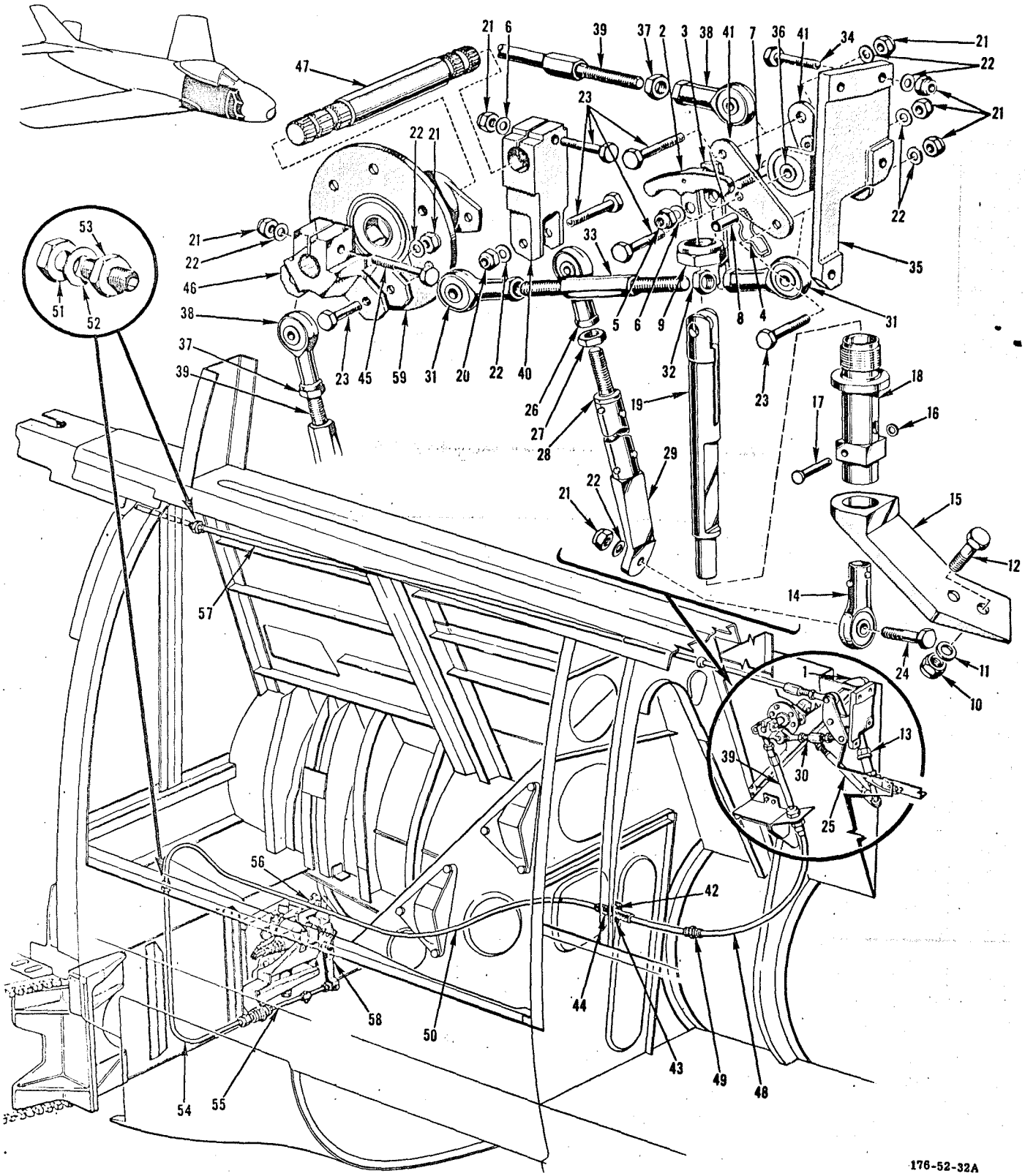


FIGURE 210 - COMPLETE MANUAL CHANGE-OVER SURFACE CONTROLS

FUSELAGE SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
210	172-52050	SURFACE CONTROLS INSTL, Manual emer change-over complete	NP	A
	176-52050	SURFACE CONTROLS INSTL, Manual emer change-over complete	NP	B
	176-52050-10	SURFACE CONTROLS INSTL, Manual emer change-over complete	NP	C
	176-52050-20	SURFACE CONTROLS INSTL, Manual emer change-over complete	NP	D
	No Number	. MANUAL EMER CHANGE-OVER SURF. CONTROL FROM FUS STA 127 TO STA 327, (see figure 211 for breakdown)	NP	
-1	172-520125	. HANDLE ASSY, Surface control manual emergency change-over	1	
-2	172-520123	. . HANDLE, Surf. control manual emergency change-over	1	
-3	172-520124	. . PAWL, Surface control manual emergency change-over	1	
-4	172-520126	. SPRING, Surface control manual emer change-over handle	1	
-5	AN364-1032	. NUT	1	
-6	AN960D10	. WASHER	2	
-7	AN3-12A	. BOLT	1	
-8	4B21S3-026	. BUSHING, Spacer (North American)	1	
-9	AN364-1216	. NUT	1	
-10	AN365-428	. NUT	2	
-11	AN960D416	. WASHER	2	
-12	AN4-5A	. BOLT	2	
-13	172-52060	. GUIDE ASSY, Surf. control manual emer change-over handle	1	
-14	172-520116	. . ROD END, Surf. control manual emer change-over (altered from RE3H5) (Fafnir)	1	
-15	172-52077	. . BRACE, Surface control manual emer change-over handle	1	
-16	AN960D4	. . WASHER	1	
-17	AN392-25	. . PIN	1	
-18	172-52059	. . SUPPORT ASSY, Surf. control manual emer change-over handle	1	
-19	172-52057	. . ROD, Surface control manual emer change-over handle	1	
-20	AN310-3	. NUT	1	
-21	AN365-1032	. NUT	12	
-22	AN960D10L	. WASHER	12	
-23	AN3-10A	. BOLT	7	
-24	AN3-11	. BOLT	1	
-25	172-52063	. ROD ASSY, Surface control manual change-over handle	1	*1
	172-52063-10	. ROD ASSY, Surface control manual change-over handle	1	*1
-26	RE3F4	. . ROD END, (Fafnir)	1	
-27	AN316-4R	. . NUT	1	
-28	1R10-8-035-428	. . END ROD, (North American)	1	
-29	172-52099	. . ROD END, Surface control manual change-over handle	1	
-30	172-52083	. ROD ASSY, Surf. control manual emer change-over forward	1	
-31	RE3F4	. . ROD END, (Fafnir)	2	
-32	AN316-4R	. . NUT	1	
-33	172-52083-3	. . ROD, Surf. control manual emer change-over forward	1	
-34	AN3-6A	. BOLT	4	
-35	172-52085	. SUPPORT ASSY, Surf. cont. manual emer change-over fwd bellcrank	1	
-36	AN200KP3	. . BEARING	1	
-37	AN316-4R	. NUT	2	
-38	RE3F4	. ROD END, (Fafnir)	2	
-39	C6334-11	. UNIT, Telescopic (Teleflex)	2	
-40	172-52065	. ARM, Surf. control manual change-over inboard bellcrank	1	*1
	172-52065-10	. ARM, Surf. control manual change-over inboard bellcrank	1	*1
-41	172-52084	. BELLCRANK ASSY, Surf. cont. manual emer change-over fwd LH and RH	2	
-42	AN3-6A	. BOLT	1	
	AN960D10	. WASHER, (add washers as required to clear frame)	AR	
-43	AN3-5A	. BOLT	1	
	AN960D10	. WASHER, (add washers as required to clear frame)	AR	
-44	172-52097	. GUARD, Surf. control manual emer change-over conduit	1	
-45	AN3-11A	. BOLT	1	
-46	172-52066	. ARM, Surf. control manual change-over outboard bellcrank	1	
-47	172-52064	. SHAFT, Surf. control manual emer change-over bellcrank	1	
-48	172-52052-129	. CONDUIT ASSY, Surf. control manual emer change-over cable	1	E
	172-52052-143	. CONDUIT ASSY, Surf. control manual emer change-over cable	1	F
-49	A6329	. UNION, (Teleflex)	1	
-50	172-52052-131	. CONDUIT ASSY, Surf. control manual emer change-over cable	1	E
	172-52052-145	. CONDUIT ASSY, Surf. control manual emer change-over cable	1	F
-51	AN924-5D	. NUT	2	
-52	AN960D816	. WASHER	2	
-53	A6602	. CONNECTOR, (Teleflex)	2	
-54	172-52052-133	. CONDUIT ASSY, Surf. control manual emer change-over cable	1	
	172-52051-11	. CABLE, Surface control manual emergency change-over	1	
-55	C6334-11	. TELESCOPIC UNIT, (Teleflex)	1	
	AN316-4R	. NUT	1	
-56	172-520165	. CAM, Surf. cont. manual emer change-over (use 172-52089 unt exh)	1	
	NAS43C1-10	. SPACER, Screw and bolt	1	
	AN515-6-8	. SCREW	1	
-57	172-52052-117	. CONDUIT ASSY, Surf. control manual emer change-over cable	1	E
	172-52052-153	. CONDUIT ASSY, Surf. control manual emer change-over cable	1	F
-58	172-520119	BELLCRANK ASSY, Surf. cont. manual emer change-over (see fig.82)	Ref	
-59	172-52061	SUPPORT ASSY, Surf. control manual emer change-over (see fig.115)	Ref	

*1 Use 172-52063-10 together with 172-52065-10 until exh, when exh use 172-52063 together with 172-52065

USEABLE ON CODE: A 51-2850 thru 51-12969 C 51-13070 thru 51-13129 E 51-2850 thru 51-2851
B 51-12970 thru 51-12976 D 51-13130 and subs F 51-2852 and subs

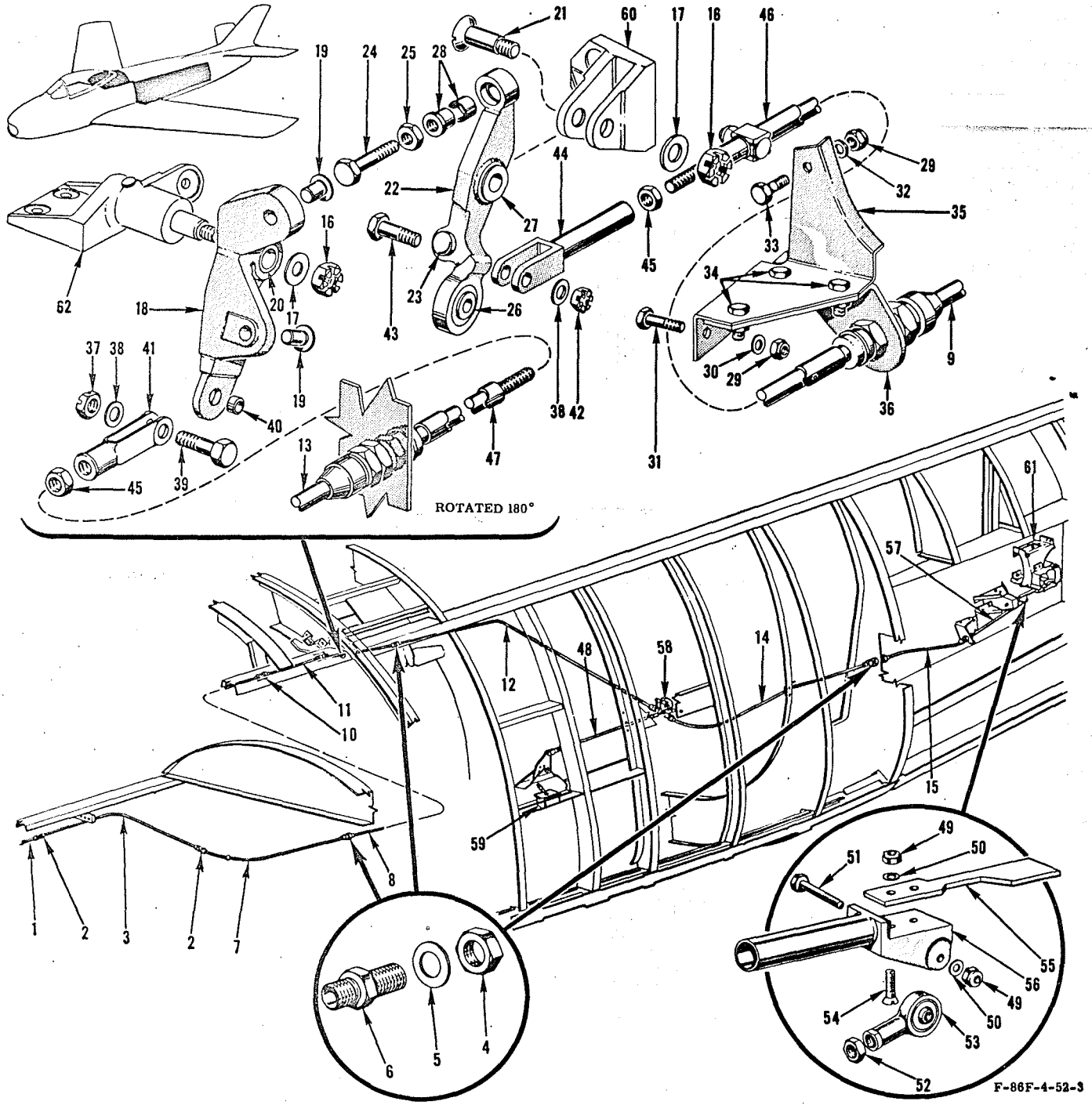


FIGURE 211 - MANUAL EMERGENCY CHANGE-OVER SURFACE CONTROLS STATION 127 TO STATION 327

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
211	No Number	MANUAL EMERGENCY CHANGE-OVER SURFACE CONTROLS FROM STATION 127 TO STATION 327, (see figure 210 for next assembly)	NP	
-1	172-52052-119	CONDUIT ASSY, Surface control manual emer change-over cable	1	A
	172-52052-147	CONDUIT ASSY, Surface control manual emer change-over cable	1	B
-2	A6329	UNION, (Teleflex)	2	
-3	172-52052-135	CONDUIT ASSY, Surf. control manual emer change-over cable	1	A
	172-52052-149	CONDUIT ASSY, Surf. control manual emer change-over cable	1	E
	172-52052-167 *1	CONDUIT ASSY, Surf. control manual emer change-over cable	1	L
	172-52052-173 *1	CONDUIT ASSY, Surf. control manual emer change-over cable	1	L
-4	AN924-5D	NUT	2	D
	AN924-5D	NUT	3	C
-5	AN960D816	WASHER	2	D
	AN960D816	WASHER	3	C

FUSELAGE SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
211-6	A6602	.	CONNECTOR, (Teleflex)	2	D
	A6602	.	CONNECTOR, (Teleflex)	3	C
-7	172-52052-137	.	CONDUIT ASSY, Surf. control manual emer change-over cable	1	A
	172-52052-151	.	CONDUIT ASSY, Surf. control manual emer change-over cable	1	E
	172-52052-169	*1 .	CONDUIT ASSY, Surf. control manual emer change-over cable	1	L
	172-52052-171	*1 .	CONDUIT ASSY, Surf. control manual emer change-over cable	1	L
-8	172-52052-161	.	CONDUIT ASSY, Surf. control manual emer change-over cable	1	G
	172-52051-17	.	CABLE, Surface control manual emer change-over	1	G
	172-52052-157	.	CONDUIT ASSY, Surf. control manual emer change-over cable	1	H
	172-52051-19	.	CABLE, Surface control manual emer change-over	1	J
	172-52051-23	.	CABLE, Surface control manual emer change-over	1	K
-10	C6691	.	CONNECTOR, (Teleflex)	1	G
-11	172-52052-125	.	CONDUIT ASSY, Surf. control manual emer change-over cable	1	G
-12	172-52052-115	.	CONDUIT ASSY, Surf. control manual emer change-over cable	1	G
	172-52051-7	.	CABLE, Surface control manual emer change-over	1	G
-13	172-52052-159	.	CONDUIT ASSY, Surface control manual emer change-over cable	1	H
	172-52051-21	.	CABLE, Surface control manual emer change-over	1	H
-14	172-52052-105	.	CONDUIT ASSY, Surf. control manual emer change-over cable	1	
-15	172-52052-103	.	CONDUIT ASSY, Surf. control manual emer change-over cable	1	
-16	AN320-4	.	NUT	2	H
-17	AN960D416L	.	WASHER	2	H
-18	172-520158	.	BELLCRANK ASSY, Surf. control manual emer change-over disc aft	1	H
-19	1P7	. .	PLUG, (North American)	2	H
-20	4B16RF6-18	. .	BEARING, (North American)	1	H
-21	172-520164	.	BOLT, Surf. control manual emer change-over disc fwd pivot	1	H
-22	172-520160	.	BELLCRANK ASSY, Surf. control manual emer change-over disc fwd pivot	1	H
-23	172-520157	. .	PLUG, Surf. control manual emer change-Over disc forward	1	H
-24	NAS428-3-12	. .	BOLT, Adjusting crowned hex head	1	H
-25	AN316-3R	. .	NUT	1	H
-26	AN200KS3	. .	BEARING	1	H
-27	4B16RF5-8	. .	BEARING, (North American)	2	H
-28	RL24SB7	. .	RING, (Rosan)	1	H
	RD205SB5.5L	. .	INSERT, (Rosan)	1	H
-29	AN365-1032	.	NUT	3	H
-30	AN960D10	.	WASHER	2	H
-31	AN3-5A	.	BOLT	1	H
-32	AN960D10L	.	WASHER	1	H
-33	AN3-4A	.	BOLT	1	H
	172-520162	.	BRACKET ASSY, Surf. control manual emer change-over anchor fwd	1	H
-34	AN3-5A	. .	BOLT	3	H
	AN960D10L	. .	WASHER	3	H
	AN365-1032	. .	NUT	3	H
-35	172-520162-3	. .	BRACKET, Surf. control manual emer change-over anchor fwd.	1	H
-36	172-520162-5	. .	LUG, Surf. control manual emer change-over anchor fwd	1	H
-37	AN365-1032	.	NUT	1	H
-38	AN960D10L	.	WASHER	2	H
-39	AN3-5A	.	BOLT	1	H
-40	4B21S3-005	.	BUSHING, Spacer (North American)	1	H
-41	AN486-4	.	CLEVIS	1	H
-42	AN320-3	.	NUT	1	H
-43	AN3-7	.	BOLT	1	H
-44	172-520156-3	.	ROD END, Surf. control manual change-over disconnect (use 172-520156 untl exh)	1	H
-45	AN316-4R	.	NUT	2	H
-46	C6334-11	.	UNIT, Telescopic (Teleflex)	1	H
-47	C6334-20	.	UNIT, Telescopic (Teleflex)	1	H
-48	No Number	.	SURFACE CONTROL MANUAL EMERGENCY ELECTRICAL OVERRIDE SWITCH AND EMER CHANGE-OVER BELLCRANK ASSYS AND ATTACHING PARTS, (see figure 212 for breakdown)	NP	
-49	AN365-1032	.	NUT	3	
-50	AN960D10L	.	WASHER	3	
-51	AN3-10A	.	BOLT	1	
-52	AN316-4R	.	NUT	1	
-53	RE3F4	.	ROD END, (Rafnir)	1	
-54	AN509-10R10	.	SCREW	2	
-55	172-520165	.	CAM, Surf. control manual emer change-over (use 172-52089) untl exh)	1	
-56	172-52091	.	CLEVIS, Surface control manual emer change-over cam	1	
-57	C6334-11	.	UNIT, Telescopic (Teleflex)	1	
-58	C6808-3		CONTROL BOX, (Teleflex) (see figure 212)	Ref	
-59	172-54712-15		SWITCH ASSY, Elec power control manual override (see fig. 212)	Ref	
-60	172-520161		PIVOT ASSY, Surf. control manual disconnect fwd (see fig. 156)	Ref	
-61	172-52047		BRACKET ASSY, Surf. control manual complete (see figure 269)	Ref	
-62	172-520163		BRACKET ASSY, Surf. control manual disc fwd (see figure 159)	Ref	

*1 Parts marked thus may be used interchangeably. Refer to T. O. 1F-86-246.

USEABLE ON CODE:
A 51-2850 thru 51-2851
B 51-2850 and subs
C 51-13070 thru 51-13129
D 51-2850 thru 51-12976, 51-13130 and subs
E 51-2852 thru 51-12935
G 51-2850 thru 51-12969, 51-13070 thru 51-13129
H 51-12970 thru 51-12976, 51-13130 and subs
J 51-13130 thru 51-13510, 52-4305 thru 52-4904
K 52-4905 and subs
L 51-12936 and subs

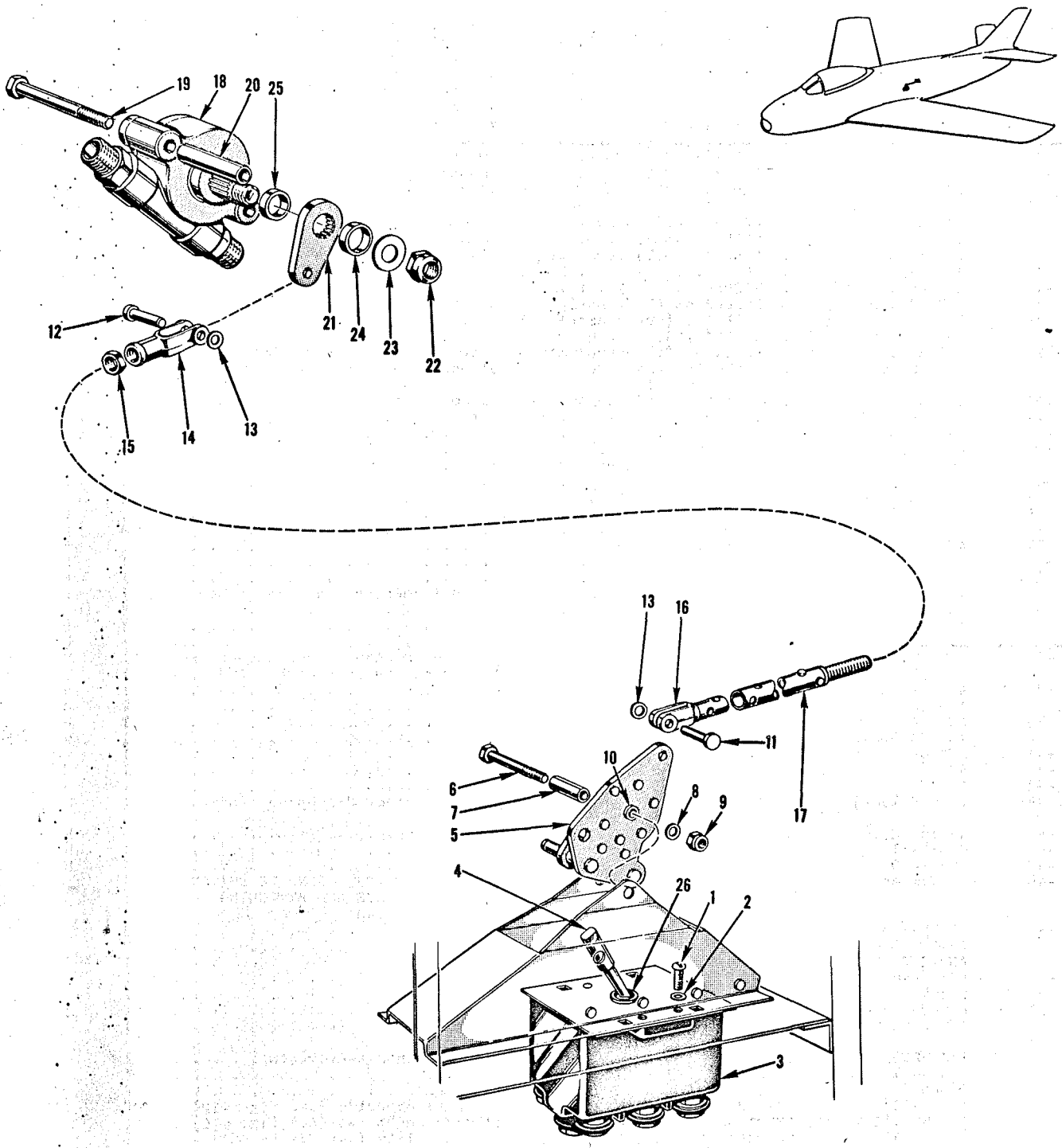


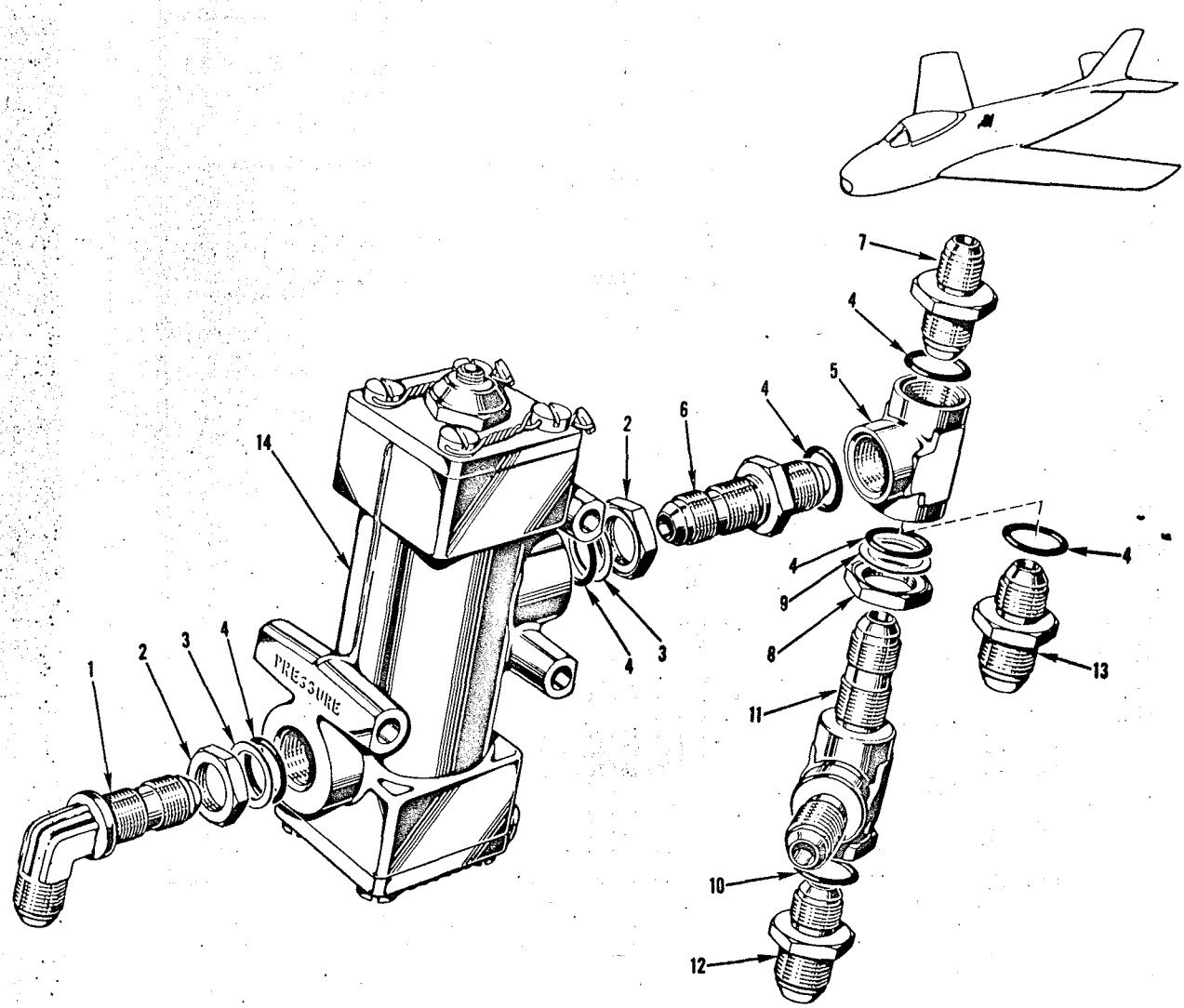
FIGURE 212 - SURFACE CONTROL MANUAL EMERGENCY ELECTRICAL OVERRIDE SWITCH AND BELLCRANK ASSEMBLY

FUSELAGE SURFACE CONTROLS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
212	No Number	SURFACE CONTROL MANUAL EMERGENCY ELECTRICAL OVERRIDE SWITCH AND EMERGENCY CHANGE-OVER BELLCRANK ASSEMBLIES AND ATTACHING PARTS, (see figure 211 for next assembly)	NP	
	172-54712-3	. SWITCH ASSY, Elec power control manual override (rework) (whn exh use 172-54712-15)	1	
	172-54712-15	. SWITCH ASSY, Elec power control manual override (rework) (use 172-54712-3 untl exh)	1	
		ATTACHING PARTS		
-1	AN515-8R8	. SCREW	4	
-2	AN960D8L	. WASHER	4	
		---*---		
-3	S23-3B1A	. . SWITCH, (Cam-Stat Corp)	1	
-4	165-547105-3	. . SLEEVE, Surface control valve emergency override switch (use 165-547105 untl exh) (165-547105 used on 172-54712-3 only; 165-547105-3 used on 172-54712-15 only)	1	
-5	172-52068-11	. BELLCRANK ASSY, Surface control manual emer change-over cable (use 172-52068 untl exh)	1	
		ATTACHING PARTS		
-6	AN4-16A	. BOLT	1	
-7	NAS43DD4-36	. SPACER, Bolt	1	
-8	AN960D416	. WASHER	1	C
	AN960D416L	. WASHER	1	D
-9	AN365-428	. NUT	1	
		---*---		
-10	AN218P4	. . BEARING	1	
	172-52068-3	. . PLATE, Surface control manual emer change-over cable	1	
	172-52080	. ROD ASSY, Surface control manual emer change-over sw operating	1	
		ATTACHING PARTS		
-11	AN393-17	. PIN	1	
-12	AN393-11	. PIN	1	
-13	AN960D10L	. WASHER	2	
		---*---		
-14	AN486-4P	. . CLEVIS	1	
-15	AN316-4	. . NUT	1	
-16	AN481-3P	. . CLEVIS	1	
-17	1R12-6-035-428	. . ROD END, (North American)	1	
-18	C6808-3	. CONTROL BOX, (Teleflex)	1	
		ATTACHING PARTS		
-19	AN3-24A	. BOLT	2	A
	AN3-12A	. BOLT	2	B
-20	NAS43DD3-88	. SPACER, Bolt	2	A
		---*---		
-21	172-52081	. BELLCRANK, Surface control manual emer change-over sw actuating	1	
		ATTACHING PARTS		
-22	AN364-524	. NUT	1	
-23	AN960D516L	. WASHER	1	
-24	NAS43DD6-10	. SPACER, Bolt	1	A
	NAS43DD6-5	. SPACER, Bolt	1	B
-25	NAS43DD6-10	. SPACER, Bolt	1	A
	NAS43DD6-16	. SPACER, Bolt	1	B
		---*---		
-26	2W1AL48-32-32	. WASHER, (North American)	1	

USEABLE ON CODE: A 51-2850 thru 51-13129
B 51-13130 and subs
C 51-2850 thru 51-12969
D 51-12970 and subs

FUSELAGE HYDRAULICS



176-58-32A

FIGURE 213 - HYDRAULIC UTILITY SYSTEM RELIEF VALVE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
213	172-58606	VALVE ASSY, Hydraulic utility relief complete (see figure 255 for next assembly)	Ref	B
	172-58606-3	VALVE ASSY, Hydraulic utility relief complete (see figure 255 for next assembly)	Ref	A
	172-58606-5	VALVE ASSY, Hydraulic utility relief complete (see figure 255 for next assembly)	Ref	C
-1	AN833-6	. ELBOW	1	A
	AN833-6D	. ELBOW	1	B,C
-2	AN6289-6	. NUT	2	
-3	AN6291-6	. RING	2	
-4	AN6290-6	. GASKET	5	
-5	AN926-6D	. TEE	1	
-6	AN832-6D	. UNION	1	
-7	AN919-6D	. REDUCER	1	
-8	AN6289-6	. NUT	1	A
-9	AN6291-6	. RING	1	A
-10	AN6290-6	. GASKET	1	A
-11	AN784-6D	. TEE	1	A
-12	AN919-12D	. REDUCER	1	A
-13	AN919-12D	. REDUCER	1	B,C
-14	AN6279-6CD	. VALVE ASSY, Hyd press. relief (use Vickers AA31306 until exh)	1	*1

*1 Intrch with A5805-6 (Vinson) on 172-58606 only

USEABLE ON CODE: A 51.2850 thru 51.13510
B 52-4305 thru 52-4604
C 52-4605 and subs

FUSELAGE HYDRAULICS (Cont)

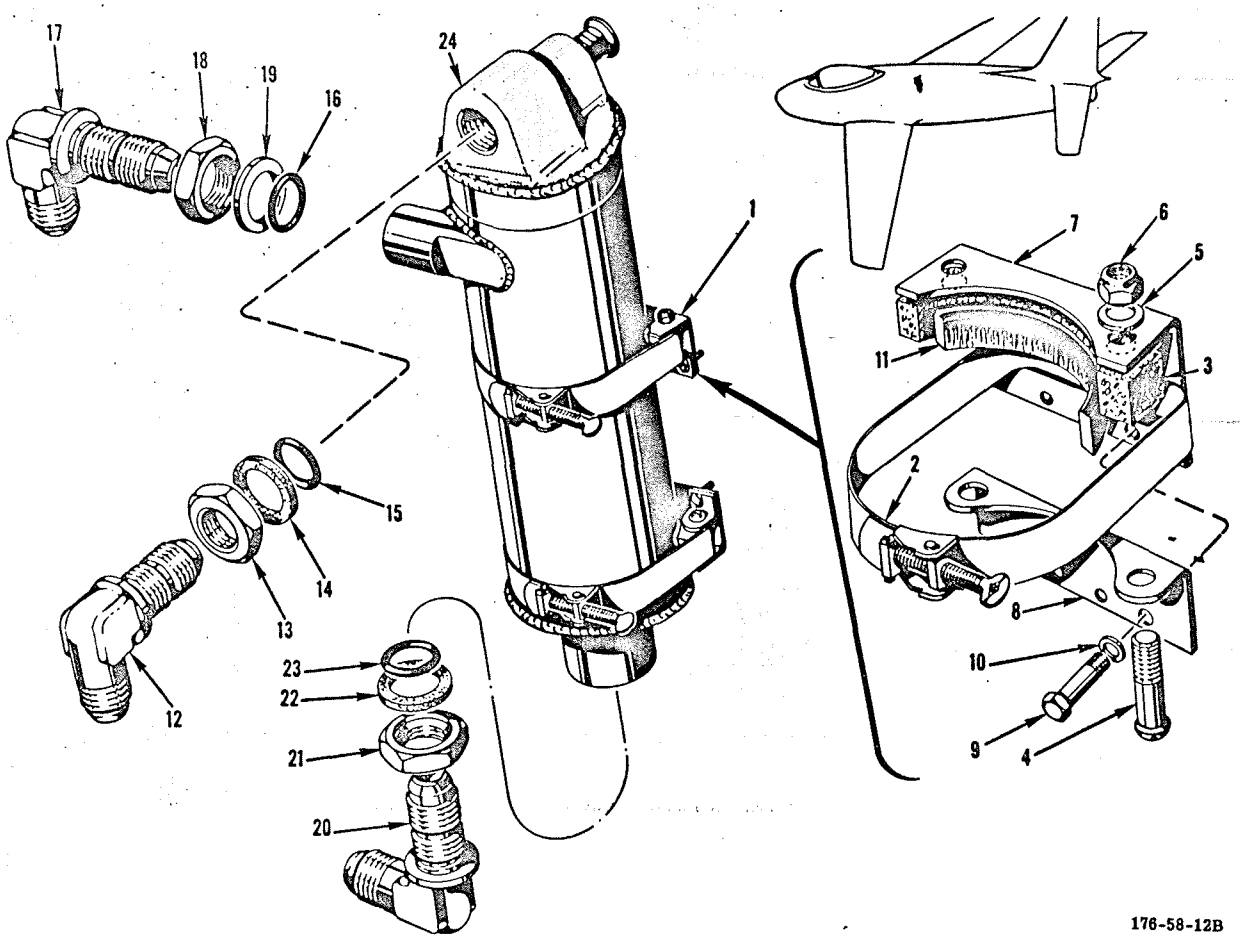


FIGURE 214 - COMPLETE HYDRAULIC FLIGHT CONTROL RESERVOIR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
214	172-58638-3	RESERVOIR ASSEMBLY, Hydraulic flight control system complete . . (see figure 239 for next assembly)	Ref	A
	172-58638-5	RESERVOIR ASSEMBLY, Hydraulic flight control system complete . . (see figure 239 for next assembly)	Ref	B
	172-58638-7	RESERVOIR ASSEMBLY, Hydraulic flight control system complete . . (see figure 239 for next assembly)	Ref	C
		ATTACHING PARTS		
-1	172-58127	BRACKET ASSY, Hydraulic flight control system reservoir	2	
-2	U12-625-3.75S	. CLAMP, Hydraulic (National Utilities) (intrch with Marman . . 325-625-3.75S)	1	
-3	170-58115	. SECTOR, Hyd flight control reservoir support bracket	1	
-4	AN520-10R18	. SCREW	2	
-5	AN960D10	. WASHER	2	
-6	AN365-1032	. NUT	2	
-7	172-58127-3	. BRACKET, Hydraulic flight control reservoir bracket	1	
-8	172-58127-5	. BRACKET, Hydraulic flight control reservoir bracket	1	
-9	AN3-5A	BOLT	4	
-10	AN960D10	WASHER	4	
-11	172-58127-7	CUSHION, Hydraulic flight control sys reservoir rubber sheet . .	1	
		---*---		
-12	AN833-6D	. ELBOW	1	
-13	AN6289-6	. NUT	1	
-14	AN6291-6	. RING	1	
-15	AN6290-6	. GASKET	1	
-16	AN6290-8	. GASKET	1	
-17	AN833-8D	. ELBOW	1	A
	AN837-8D	. ELBOW	1	B,C
-18	AN6289D8	. NUT	1	
-19	AN6291-8	. RING	1	
-20	AN833-12D	. ELBOW	1	A
	AN837-12D	. ELBOW	1	B,C
-21	AN6289D12	. NUT	1	
-22	AN6291-12	. RING	1	
-23	AN6290-12	. GASKET	1	
-24	172-58038-3	. RESERVOIR ASSY, Hyd flight control sys (use 172-58038 until exh) (refer to T. O. 9H1-2-7-4 for breakdown)	1	
	USEABLE ON CODE:	A 51-2850 thru 51-2927, B 51-2928 thru 51-13397, C 51-13398 and subs		

FUSELAGE HYDRAULICS (Cont)

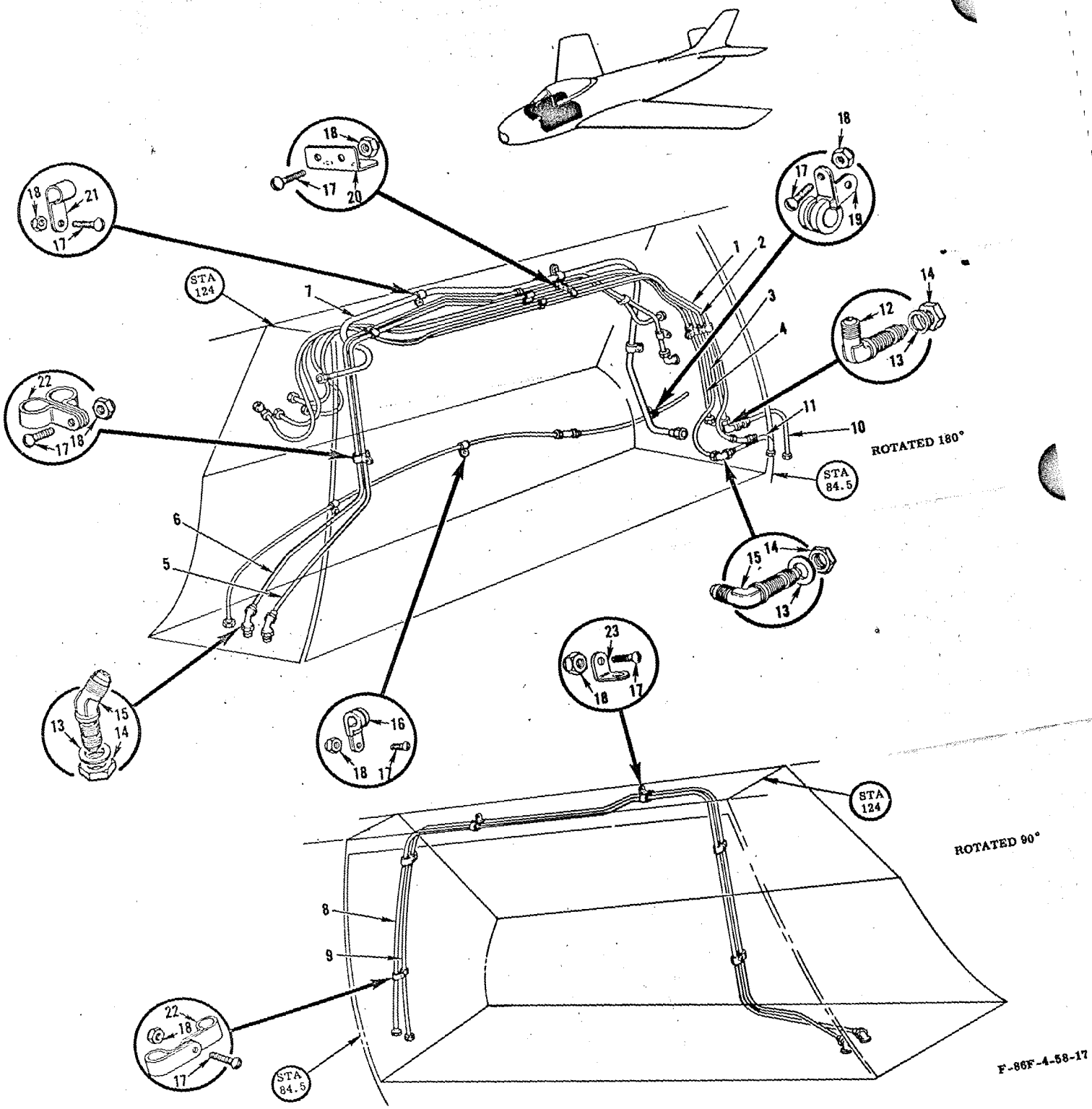


FIGURE 215 - HYDRAULIC LINE INSTALLATION

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
215	54FEJ282	*1	Hydraulic Installation, Surface Control & Inst. System	NP	
-1	54FEC283-1		. Line Assy, Nose Gear Down	1	
-2	54FEC283-2		. Line Assy, Fairing Door Closed	1	
-3	54FEC283-3		. Line Assy, Nose Gear Up	1	
-4	54FEC283-4		. Line Assy, Fairing Door Open	1	
-5	54FEC283-5		. Line Assy, Instrument (Pressure)	1	
-6	54FEC283-6		. Line Assy, Instrument (Static)	1	
-7	54FEC283-7		. Line Assy, Emer. Brake Return	1	
-8	54FEC283-8		. Line Assy, LH Brake Pressure	1	
-9	54FEC283-9		. Line Assy, RH Brake Pressure	1	
-10	54FEB284		. Hydraulic Line Assy, Fairing Door Closed	1	
-11	54FEB285		. Hydraulic Line Assy., Nose Gear Up	1	
-12	AN833-4		. Elbow	2	
-13	AN960-716		. Washer	12	
-14	AN924-4		. Nut	6	
-15	AN837-4		. Elbow	4	
-16	AN742-6C		. Clip	2	
-17	AN520-10-7		. Screw	29	
-18	AN365-1032		. Nut	29	
-19	794-4		. Clip, (Adel)	1	
-20	AN743-8		. Clip	1	
-21	AN742-8		. Clip	3	
-22	AN742-4		. Clip	35	
-23	AN743-12		. Clip	2	

*1 Used on RF-86F-30 airplanes only

FUSELAGE HYDRAULICS (Cont)

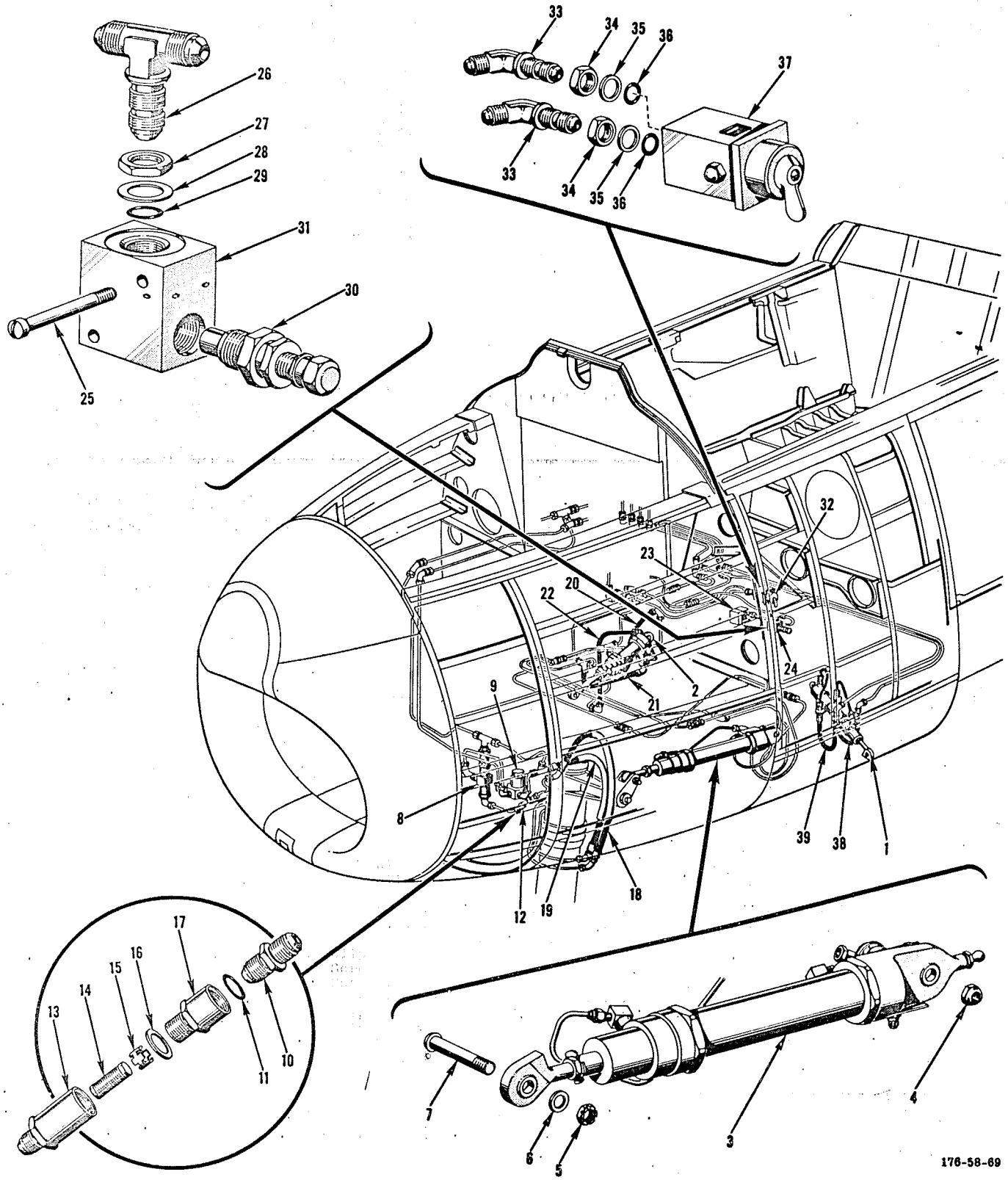


FIGURE 216 - FUSELAGE STATION 0 TO 84.5 NOSE GEAR AND STEERING HYDRAULIC EQUIPMENT

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
216	172-58058	HYDRAULIC EQUIPMENT INSTL, Aux alighting gear and steering fus sta 0 to 84.5 (see figure 108 for next assembly)	NP	
	No Number	. FUSELAGE STATION 0 TO 84.5 NOSE GEAR OPERATING HYDRAULIC LINES AND FITTINGS, (see fig. 217 for breakdown)	NP	
	No Number	. FUSELAGE STATION 0 TO 84.5 MISCELLANEOUS HYDRAULIC LINES AND FITTINGS, (see figure 218 for breakdown)	NP	
-1	151-58645	. CYLINDER ASSY, Hydraulic nose wheel fairing door operating (complete) (see figure 219 for breakdown)	1	A
	151-58645-3	. CYLINDER ASSY, Hydraulic nose wheel fairing door operating (complete) (see figure 219 for breakdown)	1	B
-2	151-58630	. CYLINDER ASSY, Hyd nose gear operating (complete) (see fig. 221 for breakdown and attaching parts)	1	C
	151-58630-10	. CYLINDER ASSY, Hyd nose gear operating (complete) (see fig. 221 for breakdown and attaching parts)	1	E
	151-58630-20	. CYLINDER ASSY, Hyd nose gear operating (complete) (see fig. 221 for breakdown and attaching parts)	1	D
	151-58630-30	. CYLINDER ASSY, Hyd nose gear operating (complete) (see fig. 221 for breakdown and attaching parts)	1	F
-3	151-58633-7	. CYLINDER ASSY, Hyd nose gear extension complete (see fig. 222)	1	A
	151-58633-9	. CYLINDER ASSY, Hyd nose gear extension complete (see fig. 222)	1	B
	ATTACHING PARTS			
-4	AN365-720	. NUT	1	
-5	AN320-6	. NUT	1	
-6	AN960-616	. WASHER	1	
-7	AN26-18	. BOLT	1	
	---*---			
-8	151-58679-10	. VALVE ASSY, Hyd pressure reducing complete (see fig. 223)	1	A
	151-58679-15	. VALVE ASSY, Hyd pressure reducing complete (see fig. 223)	1	B
-9	170-58645	. VALVE ASSY, Hyd nose wheel steering shut-off complete (see fig. 224 for detail breakdown and attaching parts)	1	A
	170-58645-3	. VALVE ASSY, Hyd nose wheel steering shut-off complete (see fig. 224 for detail breakdown and attaching parts)	1	B
-10	AN815-6	. UNION	1	A
	AN815-6D	. UNION	1	B
-11	AN6290-6	. GASKET	1	
-12	151-58010-3	. FILTER ASSEMBLY, Hydraulic 1/4 tube size	1	
-13	151-58314-3	. . BODY, Hydraulic filter 1/4 tube size	1	
-14	36837	. . ELEMENT ASSY, Hyd filter (Purolator)	1	
-15	141-58396	. . GUIDE, Hydraulic two-way restrictor valve filter	1	
-16	AN902-6	. . GASKET	1	
-17	151-58313	. . ADAPTER, Hydraulic filter 1/4 tube size	1	
-18	3H3-4-20	. HOSE ASSY, Hydraulic plastic covered (North American) (altered from AN6271)	1	
-19	3H3-4-17 1/2	. HOSE ASSY, Hydraulic plastic covered (North American) (altered from AN6271)	1	
-20	AN6271-4-12	. HOSE ASSEMBLY	1	
-21	AN6271-4-8 1/2	. HOSE ASSEMBLY	1	
-22	3H3-4-10	. HOSE ASSY, Hyd covered (North American) (altered from AN6271)	1	C
	3H3-4-8	. HOSE ASSY, Hyd covered (North American) (altered from AN6271)	1	D,E
	3H3-4-10 1/2	. HOSE ASSY, Hyd covered (North American) (altered from AN6271)	1	F
-23	170-58639-5	. GAGE ASSY, Hyd accumulator air press. (complete) sta 253 canted (see fig. 252 for breakdown & attaching parts)	1	A
	170-58639-9	. GAGE ASSY, Hyd accumulator air press. (complete) sta 253 canted (see fig. 252 for breakdown & attaching parts)	1	B
-24	172-58643-7	. VALVE ASSY, Hydraulic accumulator air	1	A
	172-58643-9	. VALVE ASSY, Hydraulic accumulator air	1	B
	ATTACHING PARTS			
-25	AN501A10-22	. SCREW	2	
	---*---			
-26	AN834-4	. . TEE	1	A
	AN834-4D	. . TEE	1	B
-27	AN6289-4	. . NUT	1	
-28	AN6291-4	. . RING	1	A
	5R15-4	. . RING	1	B
-29	AN6290-4	. . GASKET	1	
-30	AN6287-1	. . VALVE, Air high pressure 3/4 hexagon	1	
-31	161-58117	. . FITTING, Hydraulic accumulator air valve mount	1	
-32	172-58642	. VALVE ASSY, Hyd emer aux alighting gear extension dump (comp)	1	A
	172-58642-3	. VALVE ASSY, Hyd emer aux alighting gear extension dump (comp)	1	B
-33	AN837-4	. . ELBOW	2	A
	AN837-4D	. . ELBOW	2	B
-34	AN6289-4	. . NUT	2	
-35	AN6291-4	. . RING	2	
-36	AN6290-4	. . GASKET	2	
-37	20176-1	. . VALVE ASSY, 3000 psi 1/4 tube size special shut-off (Whittaker) (North American Spec NA5-8292-1) (intrch with 10-1102 Proof) (North American Spec NA5-8292) or (27150 Hydraulic Research) (North American Spec NA5-8292-2)	1	
-38	AN6271-4-12	. HOSE ASSEMBLY	1	G
	MS28741-4-15 1/2	. HOSE ASSEMBLY	1	H
-39	AN6271-4-12	. HOSE ASSEMBLY	1	G
	MS28741-4-12	. HOSE ASSEMBLY	1	H

USEABLE ON CODE:
A 51-2850 thru 52-4604
B 52-4605 and subs
C 51-2850 thru 51-13149
D 51-13150 thru 52-4604
E 52-4605 thru 52-4754
F 52-4755 and subs
G 51-2850 thru 52-5163, 52-5272 thru 52-5530
H 52-5164 thru 52-5271, 53-1072 and subs

FUSELAGE HYDRAULICS (Cont)

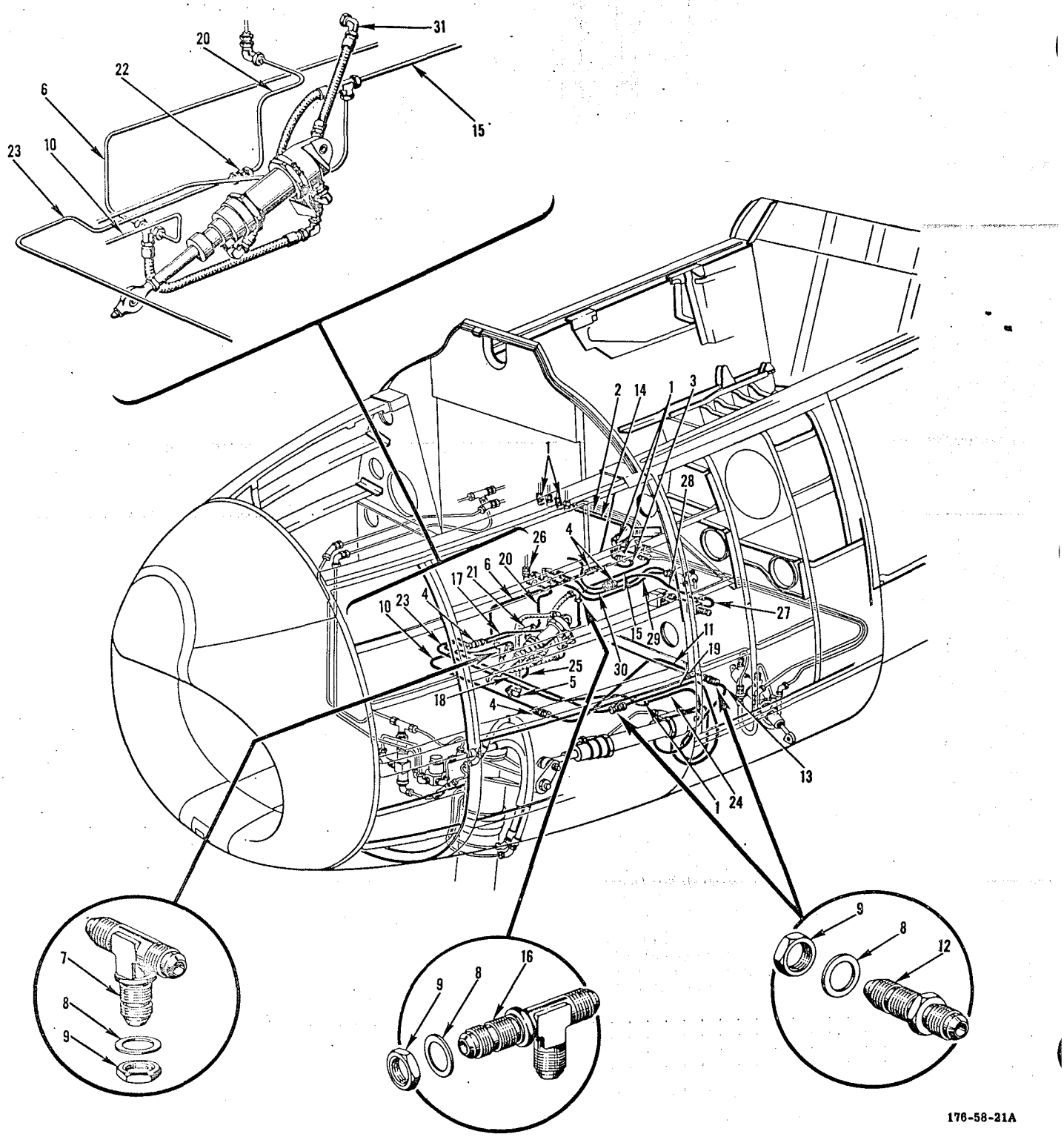


FIGURE 217 - FUSELAGE STATION 0 TO 84.5 NOSE GEAR OPERATING HYDRAULIC LINES AND FITTINGS

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
217	No Number	FUSELAGE STATION 0 TO 84.5 NOSE GEAR OPERATING HYDRAULIC LINES AND FITTINGS, (see figure 216 for next assembly)	NP	
-1	AN833-4	ELBOW	5	A
	AN833-4D	ELBOW	5	B
	AN960D716	WASHER	5	
	AN924-4D	NUT	5	
-2	151-58801-39	LINE ASSY, Nose gear down from elbow to elbow sta 80.97	1	A
	191-58801-59	LINE ASSY, Nose gear down from elbow to elbow sta 80.97	1	B
-3	151-58832-41	LINE ASSY, Nose gear down elbow sta 82 to union sta 70	1	A
	191-58801-13	LINE ASSY, Nose gear down elbow sta 82 to union sta 70	1	B
-4	AN815-4	UNION	4	A
	AN815-4D	UNION	4	B
-5	AN833-4	ELBOW	1	J
	AN960D716	WASHER	1	J
	AN924-4D	NUT	1	J
-6	151-58828-61	LINE ASSY, Nose gear down union sta 73 to tee sta 53.5	1	A
	191-58801-35	LINE ASSY, Nose gear down union sta 73 to tee sta 53.5	1	B
-7	AN834-4	TEE	1	A
	AN834-4D	TEE	1	B
-8	AN960D716	WASHER	4	
-9	AN924-4D	NUT	4	
-10	161-58805-13	LINE ASSY, Aux LG down tee sta 54 to union sta 42	1	A
	191-58801-49	LINE ASSY, Aux LG down tee sta 54 to union sta 42	1	B
-11	151-58832-45	LINE ASSY, Nose gear down from union to union sta 52	1	A
	191-58801-15	LINE ASSY, Nose gear down from union to union sta 52	1	B
-12	AN832-4	UNION	2	A
	AN832-4D	UNION	2	B
-13	151-58828-65	LINE ASSY, Nose gear dn union sta 53 to shuttle valve sta 47	1	
-14	151-58801-41	LINE ASSY, Nose gear up elbow sta 80.97 to elbow sta 82.5	1	A
	191-58801-61	LINE ASSY, Nose gear up elbow sta 80.97 to elbow sta 82.5	1	B
-15	151-58828-57	LINE ASSY, Nose gear up elbow sta 80 to tee sta 62.625	1	A
	191-58801-33	LINE ASSY, Nose gear up elbow sta 80 to tee sta 62.625	1	B
-16	AN804-4	TEE	1	A
	AN804D4	TEE	1	B
-17	161-58803-65	LINE ASSY, Nose gear up tee sta 62 to union sta 49.5	1	G
	172-58805-61	LINE ASSY, Nose gear up tee sta 62 to union sta 49.5	1	H,C
	172-58805-73	LINE ASSY, Nose gear up tee sta 62 to union sta 49.5	1	D
	191-58801-63	LINE ASSY, Nose gear up tee sta 62 to union sta 49.5	1	E
	191-58801-69	LINE ASSY, Nose gear up tee sta 62 to union sta 49.5	1	F
-18	151-58828-73	LINE ASSY, Nose gear up union sta 47.5 to union sta 49.5	1	A
	191-58801-43	LINE ASSY, Nose gear up union sta 47.5 to union sta 49.5	1	B
-19	161-58805-15	LINE ASSY, Aux alighting gear up union sta 47.5 to helper cyl	1	
-20	170-58803-79	LINE ASSY, Emer nose gear down, union sta 60 to tee sta 53.5	1	J
	172-58805-71	LINE ASSY, Emer nose gear down, union sta 60 to tee sta 53.5	1	D
	191-58801-29	LINE ASSY, Emer nose gear down union sta 60 to union sta 53	1	E
	191-58801-67	LINE ASSY, Emer nose gear down union sta 60 to union sta 53	1	F
-21	AN824-4	TEE	1	J
-22	AN815-4	UNION	1	D
	AN815-4D	UNION	1	E
	AN821-4D	ELBOW	1	F
-23	151-58828-69	LINE ASSY, Emer nose gear down tee sta 55 to elbow sta 47.5	1	A
	191-58801-41	LINE ASSY, Emer nose gear down union sta 55 to elbow sta 47.5	1	B
-24	151-58828-67	LINE ASSY, Emer nose gear down elbow to shuttle valve sta 47.5	1	
-25	151-58828-51	LINE ASSY, Emer nose gear down tee sta 55 to elbow sta 53.5	1	G
	172-58805-59	LINE ASSY, Emer nose gear down tee sta 55 to elbow sta 53.5	1	H,C
-26	AN832-4	UNION	1	A
	AN832-4D	UNION	1	B
	2W1AL29-22-91	WASHER, Plain (North American)	1	
	AN924-4D	NUT	1	
-27	172-58805-3	LINE ASSY, Emergency nose gear accumulator air pressure tee on air valve to elbow on air gage	1	G
	172-58805-45	LINE ASSY, Emergency nose gear accumulator air pressure tee on air valve to elbow on air gage	1	H,C,D
	191-58801-45	LINE ASSY, Emergency nose gear accumulator air pressure tee on air valve to elbow on air gage	1	B
-28	172-58805-5	LINE ASSY, Emergency nose gear accumulator air pressure tee on air valve to union station 70	1	G
	172-58805-47	LINE ASSY, Emergency nose gear accumulator air pressure tee on air valve to union station 70	1	H,C,D
	191-58801-47	LINE ASSY, Emergency nose gear accumulator air pressure tee on air valve to union station 70	1	B
-29	172-58805-67	LINE ASSY, Emergency nose gear pressure tee sta 61 to elbow on dump valve (use 172-58805-9 unt1 exh)	1	A
	191-58801-31	LINE ASSY, Emer press. tee sta 16 to elbow on dump valve	1	A
-30	172-58805-7	LINE ASSY, Dump return elbow on dump valve to elbow sta 65	1	A
	191-58801-21	LINE ASSY, Dump return elbow on dump valve to elbow sta 65	1	B
-31	AN837-4	ELBOW	1	D
	AN837-4D	ELBOW	1	B
	AN960D716	WASHER	1	D,B
	AN924-4D	NUT	1	D,B

USEABLE ON CODE:
A 51-2850 thru 52-4604
B 52-4605 and subs
C 51-13070 thru 51-13149
D 51-13150 thru 52-4604
E 52-4605 thru 52-4754
F 52-4755 and subs
G 51-2850 thru 51-2927
H 51-2928 thru 51-12976
J 51-2850 thru 51-13149

FUSELAGE HYDRAULICS (Cont)

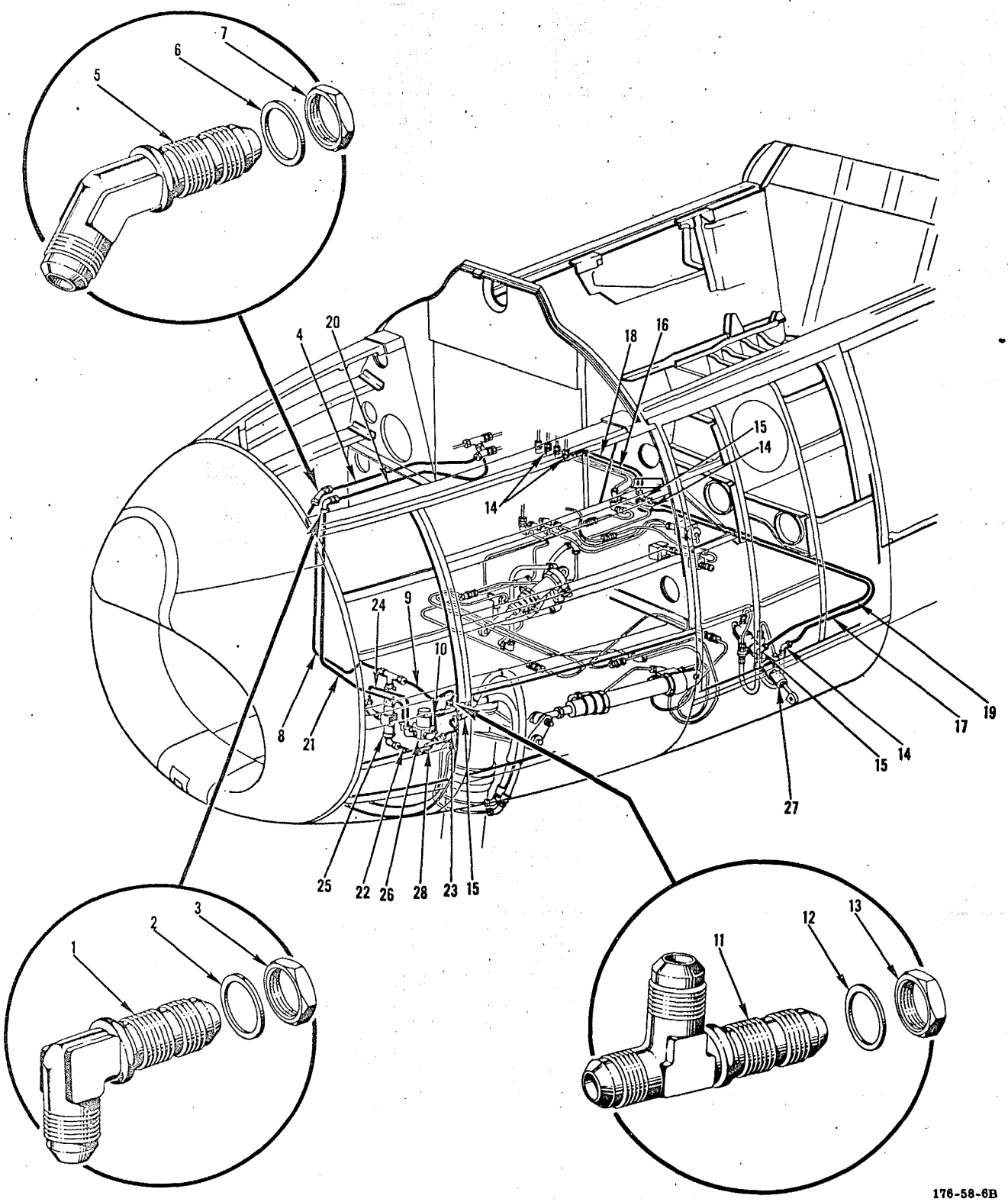


FIGURE 218 - FUSELAGE STATION 0 TO 84.5 MISCELLANEOUS HYDRAULIC LINES AND FITTINGS

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
218	No Number	FUSELAGE STATION 0 TO 84.5 MISCELLANEOUS HYDRAULIC LINES AND FITTINGS, (see figure 216 for next assembly)	NP	
-1	AN833-4	ELBOW	1	A
	AN833-4D	ELBOW	1	B
-2	AN960D716	WASHER	1	
-3	AN924-4D	NUT	1	
-4	172-58818-59	LINE ASSY, Utility system return from elbow sta 26 3/4 to elbow sta 53.5	1	
-5	AN837-4D	ELBOW	1	
-6	AN960D716	WASHER	1	
-7	AN924-4D	NUT	1	
-8	170-58807-27	LINE ASSEMBLY, Utility system return from tee in pressure reducer to bulkhead elbow sta 26 3/4	1	
-9	151-58828-77	LINE ASSEMBLY, System return from tee station 26.75 to pressure reducer	1	
-10	151-58828-35	LINE ASSEMBLY, System return from tee station 26.75 steering compensator	1	
-11	AN804D4	TEE	1	
-12	AN960D716	WASHER	1	
-13	AN924-4D	NUT	1	
-14	AN833-4	ELBOW	4	A
	AN833-4D	ELBOW	4	B
	AN960D716	WASHER	4	
	AN924-4D	NUT	4	
-15	AN837-4	ELBOW	3	A
	AN837-4D	ELBOW	3	B
	AN960D716	WASHER	3	
	AN924-4D	NUT	3	
-16	151-58804-71	LINE ASSY, Fairing door closed elbow to elbow sta 80.97	1	A
	191-58801-9	LINE ASSY, Fairing door closed elbow to elbow sta 80.97	1	B
-17	172-58805-13	LINE ASSY, Fairing door closed fairing door cylinder to elbow station 82.5	1	A
	191-58801-27	LINE ASSY, Fairing door closed fairing door cylinder to elbow station 82.5	1	C
	191-58801-73	LINE ASSY, Fairing door closed fairing door cylinder to elbow station 82.5	1	D
-18	151-58801-37	LINE ASSY, Fairing door open elbow station 80.97 to elbow station 82.5	1	A
	191-58801-57	LINE ASSY, Fairing door open elbow station 80.97 to elbow station 82.5	1	B
-19	172-58805-11	LINE ASSY, Fairing door open fairing door cylinder to elbow station 82.5	1	A
	191-58801-25	LINE ASSY, Fairing door open fairing door cylinder to elbow station 82.5	1	C
	191-58801-71	LINE ASSY, Fairing door open fairing door cylinder to elbow station 82.5	1	D
-20	170-58807-31	LINE ASSY, Utility system pressure tee station 53.5 to elbow station 26 3/4	1	A
	191-58801-19	LINE ASSY, Utility system pressure tee station 53.5 to elbow station 26 3/4	1	B
-21	170-58807-29	LINE ASSY, Utility system pressure elbow station 26 3/4 to shut off valve	1	A
	191-58801-17	LINE ASSY, Utility system pressure elbow station 26 3/4 to shut off valve	1	B
-22	151-58801-7	LINE ASSY, Utility system pressure pressure reducer to reducer	1	A
	191-58801-55	LINE ASSY, Utility system pressure pressure reducer to reducer	1	B
-23	151-58831-7	LINE ASSY, Utility pressure from filter to elbow sta 26.75	1	A
	191-58801-11	LINE ASSY, Utility pressure from filter to elbow sta 26.75	1	B
-24	161-58804-59	LINE ASSY, Utility system pressure from solenoid selector valve to pressure reducer	1	A
	191-58801-53	LINE ASSY, Utility system pressure from solenoid selector valve to pressure reducer	1	B
-25	151-58679	VALVE ASSEMBLY, Hydraulic pressure reducing complete (refer to figure 216)	Ref	
-26	170-58645	VALVE ASSEMBLY, Hydraulic nose wheel steering shut-off (refer to figure 216)	Ref	
-27	151-58645	CYLINDER ASSEMBLY, Hydraulic nose wheel fairing door Operating complete (refer to figure 216)	Ref	
-28	151-58010-3	FILTER ASSY, Hydraulic 1/4 tube size (see figure 216)	Ref	

USEABLE ON CODE:
A 51-2850 thru 52-4604
B 52-4605 and subs
C 52-4605 thru 52-5163
52-5272 thru 52-5530
D 52-5164 thru 52-5271
53-1072 thru 53-1228

FUSELAGE HYDRAULICS (Cont)

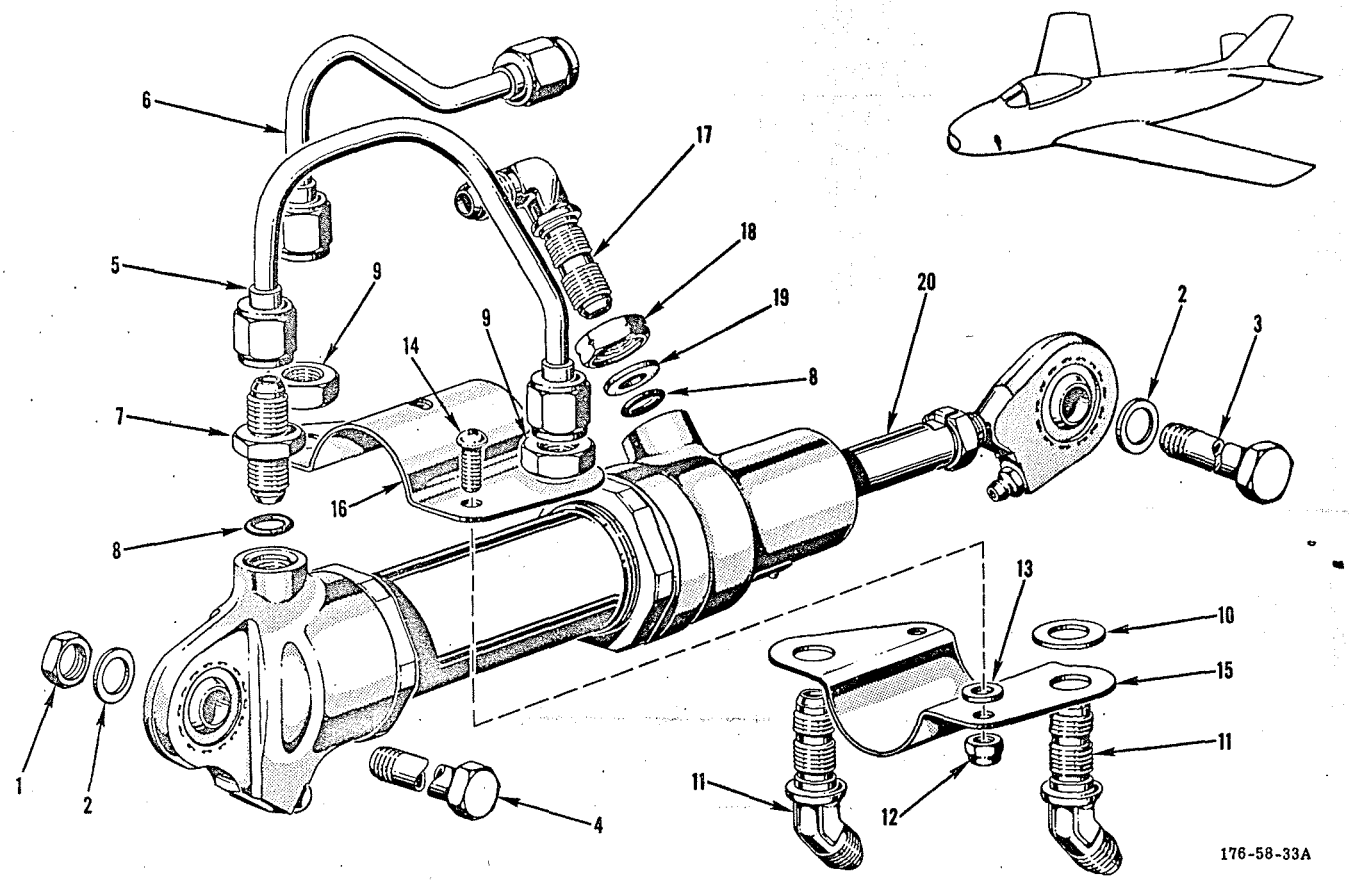


FIGURE 219 - COMPLETE HYDRAULIC NOSE WHEEL FAIRING DOOR CYLINDER ASSEMBLY AND ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
219	151-58645		CYLINDER ASSY, Hydraulic nose wheel fairing door operating (complete) (see figure 216 for next assembly)	Ref	A
	151-58645-3		CYLINDER ASSY, Hydraulic nose wheel fairing door operating (complete) (see figure 216 for next assembly)	Ref	B
	ATTACHING PARTS				
-1	AN320-6		NUT	1	
-2	AN960-616		WASHER	2	
-3	AN6-16A		BOLT, (outboard)	1	
-4	AN26-15		BOLT, (inboard)	1	
		---*---			
-5	151-58804-55	.	LINE ASSY, Hydraulic fairing door open elbow fairing door cylinder to union fairing door cylinder	1	A
	191-58801-3	.	LINE ASSY, Hydraulic fairing door open elbow fairing door cylinder to union fairing door cylinder	1	B
-6	151-58804-57	.	LINE ASSY, Hydraulic fairing door closed elbow fairing door cylinder to elbow fairing door cylinder	1	A
	191-58801-5	.	LINE ASSY, Hydraulic fairing door closed elbow fairing door cylinder to elbow fairing door cylinder	1	B
-7	AN815-4	.	UNION, (used on 151-58645)	1	A
	AN815-4D	.	UNION, (used on 151-58645-3)	1	B
-8	AN6290-4	.	GASKET	2	
-9	AN924-4D	.	NUT	2	
-10	AN960-716C	.	WASHER	2	
-11	AN837-4	.	ELBOW, (used on 151-58645)	2	A
	AN837-4D	.	ELBOW, (used on 151-58645-3)	2	B
-12	AN365-1032	.	NUT	2	
-13	AN960-10	.	WASHER	2	
-14	AN520-10R8	.	SCREW	2	
	140-58460	.	CLAMP, Hydraulic auxiliary door cylinder hose	1	
-15	140-58460-3	. .	CLAMP, Hydraulic auxiliary door cylinder hose	1	
-16	140-58460-4	. .	CLAMP, Hydraulic auxiliary door cylinder hose	1	
-17	AN833-4	.	ELBOW, (used on 151-58645)	1	A
	AN833-4D	.	ELBOW, (used on 151-58656-3)	1	B
-18	AN6289-4	.	NUT, (used on 151-58645)	1	A
	AN6289D4	.	NUT, (used on 151-58645-3)	1	B
-19	AN6291-4	.	RING	1	
-20	173-58045	.	CYLINDER ASSY, Hydraulic nose wheel fairing door operating (refer to T. O. 9H2-5-28-4 for breakdown)(use 140-58045 until exh)	1	

USEABLE ON CODE: A 51-2850 thru 52-4604 B 52-4605 and subs

FUSELAGE HYDRAULICS (Cont)

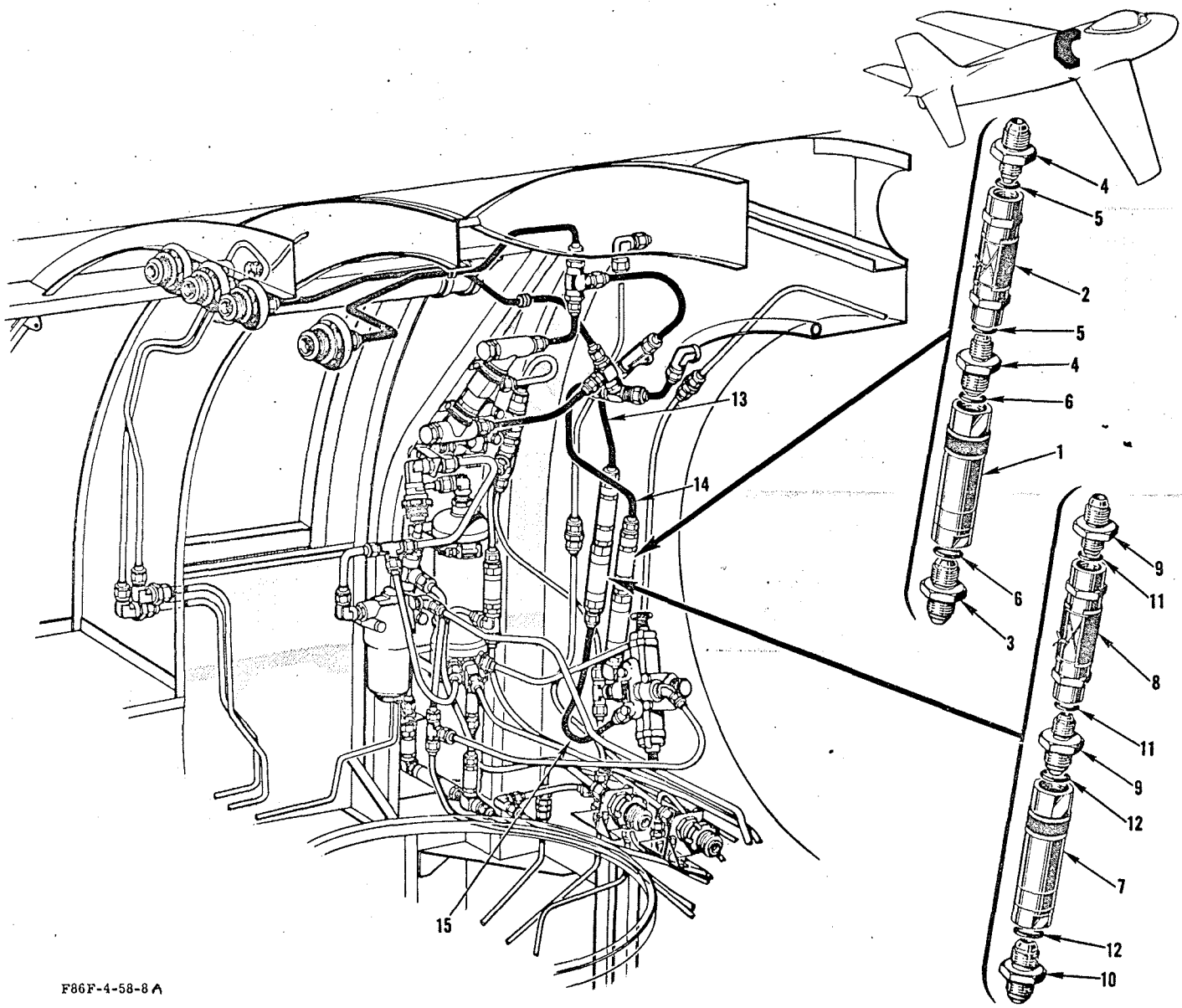


FIGURE 220 - FUSELAGE STATION 190 HYDRAULIC SPEED BRAKES ONE WAY RESTRICTORS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
220	No Number		FUS STA 190 HYD SPEED BRAKE ONE WAY RESTRICTORS (see figure 255 for next assembly)	NP	
-1	831-8-1.00	.	FUSE ASSY, Hyd type 1 (Waterman)	1	B,C
-2	151-58086-3	.	VALVE ASSY, Hyd one-way restrictor (refer to T. O. 9H8-5-15-4 for breakdown)	1	D
-3	AN815-8D	.	UNION	1	B,C
-4	AN919-12D	.	REDUCER	2	D
-5	AN6290-6	.	GASKET	2	D
-6	AN6290-8	.	GASKET	2	B,C
-7	831-8-.50	.	FUSE ASSY, Hyd type 1 (Waterman)	1	C
-8	2V11-20-30	.	VALVE ASSY, Hyd one-way restrictor (North American) (use 1V4-20-30 until exh) (refer to T. O. 9H8-5-15-4 for breakdown)	1	
-9	AN919-12D	.	REDUCER	2	
-10	AN815-8D	.	UNION	1	A,C
-11	AN6290-6	.	GASKET	2	
-12	AN6290-8	.	GASKET	2	A,C
-13	FOR CONTINUATION OF THIS LINE SEE FIGURE 259			Ref	
-14	FOR CONTINUATION OF THIS LINE SEE FIGURE 259			Ref	
-15	FOR CONTINUATION OF THIS LINE SEE FIGURE 259			Ref	

USEABLE ON CODE:
A 51-2850 thru 52-4604 C 52-4605 thru 52-5063 & 52-5212 thru 52-5446
B 51-2928 thru 52-4604 D 51-2928 and subs

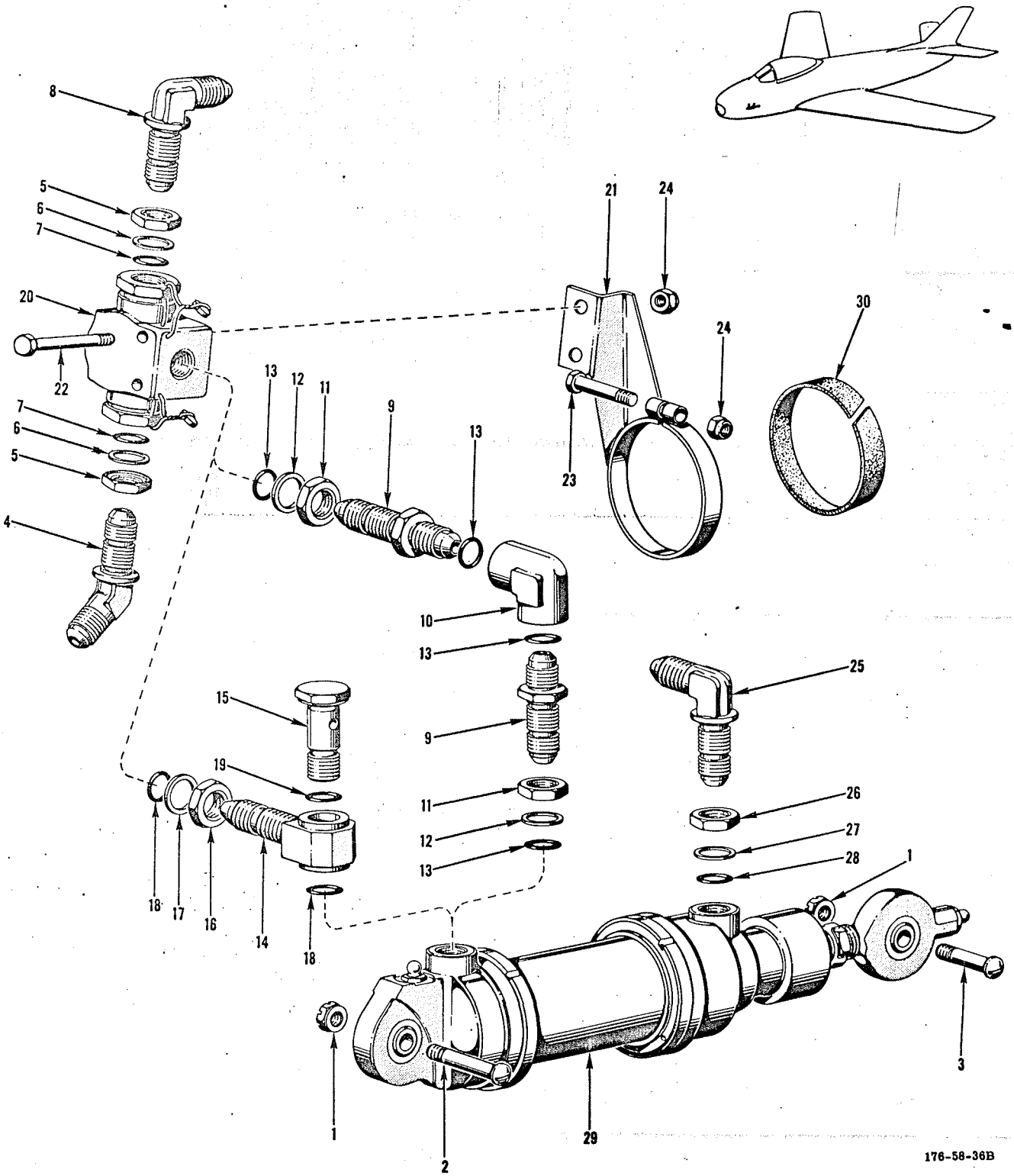


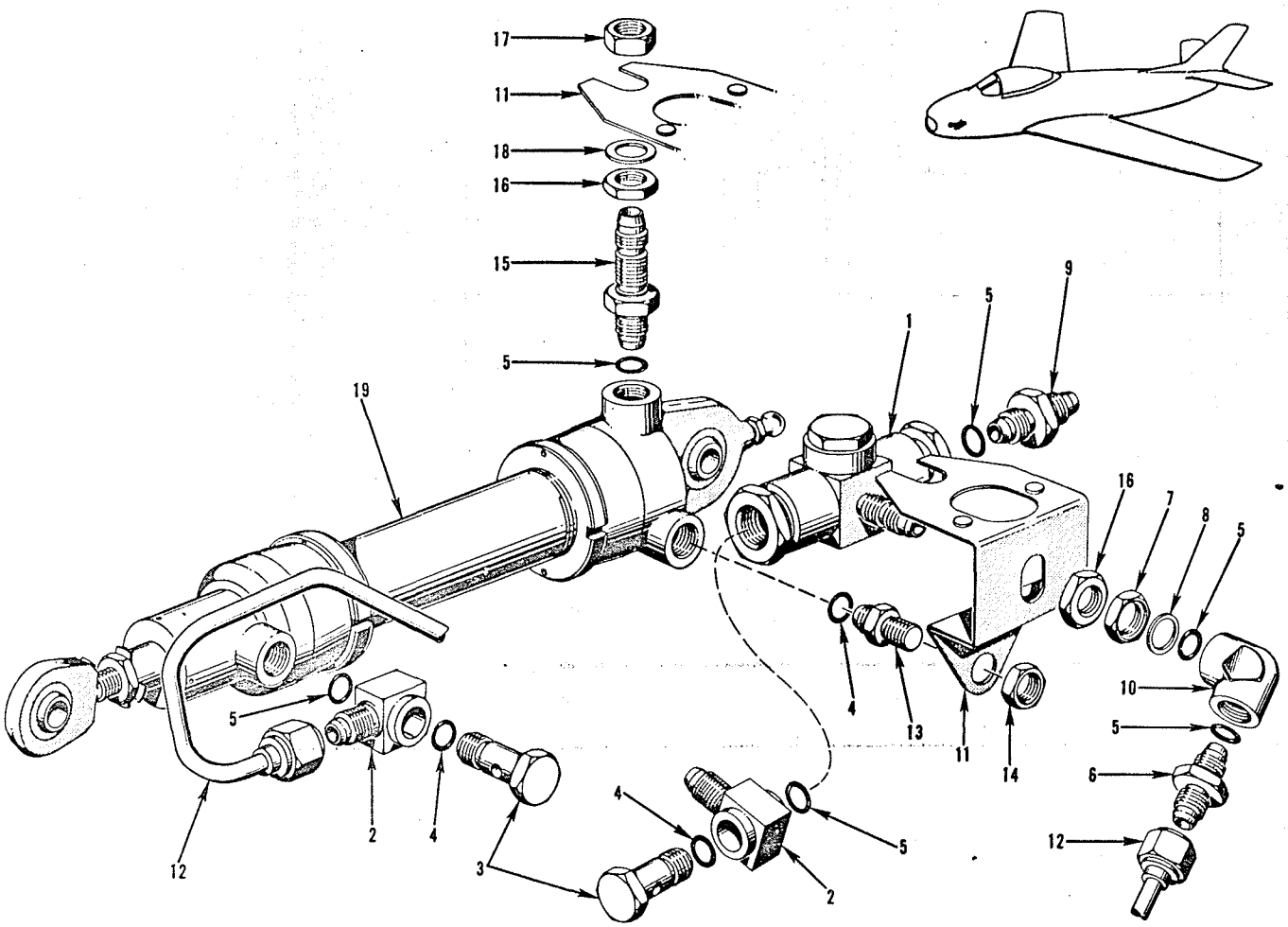
FIGURE 221 - HYDRAULIC NOSE GEAR OPERATING COMPLETE CYLINDER ASSEMBLY AND ATTACHING PARTS

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
221	151-58630	CYLINDER ASSEMBLY, Hydraulic nose gear operating (complete) (see figure 216 for next assembly)	Ref	A
	151-58630-10	CYLINDER ASSEMBLY, Hydraulic nose gear operating (complete) (see figure 216 for next assembly)	Ref	B
	151-58630-20	CYLINDER ASSEMBLY, Hydraulic nose gear operating (complete) (see figure 216 for next assembly)	Ref	C
	151-58630-30	CYLINDER ASSEMBLY, Hydraulic nose gear operating (complete) (see figure 216 for next assembly)	Ref	D
	ATTACHING PARTS			
-1	AN320-7	NUT	2	
-2	AN27-23	BOLT, (aft)	1	
-3	AN27-19	BOLT, (forward)	1	
	---*---			
-4	AN837-4	. ELBOW, (used on 151-58630)	1	A
	AN833-4	. ELBOW, (used on 151-58630-20)	1	C
	AN833-4D	. ELBOW, (used on 151-58630-10 and -30)	1	B,D
-5	AN6289-4	. NUT	2	
-6	AN6291-4	. RING	2	
-7	AN6290-4	. GASKET	2	
-8	AN833-4	. ELBOW, (used on 151-58630 and -20)	1	A,C
	AN833-4D	. ELBOW, (used on 151-58630-10 and -30)	1	B,D
-9	AN832-4	. UNION, (used on 151-58630 and -20)	1	A,C
	AN832-4D	. UNION, (used on 151-58630-10)	1	B
-10	AN927-4	. ELBOW, (used on 151-58630 and -20)	1	A,C
	AN927-4D	. ELBOW, (used on 151-58630-10)	1	B
-11	AN6289-4	. NUT, (used on 151-58630 and -10 and -20)	2	A,B,C
-12	AN6291-4	. RING, (used on 151-58630 and -10 and -20)	2	A,B,C
-13	AN6290-4	. GASKET, (used on 151-58630 and -10 and -20)	4	A,B,C
-14	191-58524	. ELBOW, Hydraulic universal 90° 1/4 tube size (used on 151-58630-30 only)	1	D
-15	151-58525	. BOLT, Hydraulic universal fitting 1/4 tube size (used on 151-58630-30 only)	1	D
-16	AN6289-4	. NUT, (used on 151-58630-30 only)	1	D
-17	AN6291-4	. RING, (used on 151-58630-30 only)	1	D
-18	AN6290-4	. GASKET, (used on 151-58630-30 only)	2	D
-19	AN6227-6	. PACKING, (used on 151-58630-30 only)	1	D
-20	140-58016-3	. VALVE ASSY, Hydraulic shuttle (refer to T. O. 9H8-5-15-4 for breakdown)	1	
-21	151-58409	. BRACKET ASSEMBLY, Hydraulic nose gear shuttle valve	1	A,B,C
	191-58409	. BRACKET ASSEMBLY, Hydraulci nose gear shuttle valve	1	D
-22	AN3-13A	. BOLT	2	
-23	AN3-11A	. BOLT	1	
-24	AN365-1032	. NUT	3	
-25	AN833-4	. ELBOW, (used on 151-58630 and -20)	1	A,C
	AN833-4D	. ELBOW, (used on 151-58630-10 and -30)	1	B,D
-26	AN6289-4	. NUT	1	
-27	AN6291-4	. RING	1	
-28	AN6290-4	. GASKET	1	
-29	173-58030	. CYLINDER ASSY, Hyd nose gear actuating (use 151-58030 until exh) (refer to T. O. 9H2-5-28-4 for breakdown)	1	
-30	151-58630-3	. GASKET, Hyd nose gear shuttle valve bracket	1	D

USEABLE ON CODE:
A 51-2850 thru 51-13149
B 52-4605 thru 52-4754
C 51-13150 thru 52-4604
D 52-4755 and subs

FUSELAGE HYDRAULICS (Cont)



176-58-40A

FIGURE 222 - HYDRAULIC NOSE GEAR EXTENSION COMPLETE CYLINDER ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
222	151-58633-7	CYLINDER ASSY, Hydraulic nose gear extension (complete) (see figure 216 for next assembly)	Ref	A
	151-58633-9	CYLINDER ASSY, Hydraulic nose gear extension (complete) (see figure 216 for next assembly)	Ref	B
-1	151-58017-3	. VALVE ASSY, Hydraulic shuttle (refer to T. O. 9H8-5-15-4 breakdown)	1	
-2	151-58524	. ELBOW, Hydraulic universal 90° 1/4 tube size	2	
-3	151-58525	. BOLT, Hydraulic universal fitting 1/4 tube size	2	
-4	AN6227-6	. O-RING	3	
-5	AN6290-4	. GASKET	6	
-6	AN815-4	. UNION	1	A
	AN815-4D	. UNION	1	B
-7	AN6289-4	. NUT	1	
-8	AN6291-4	. RING	1	
-9	AN815-4	. UNION	1	
-10	AN927-4	. ELBOW	1	A
	AN927-4D	. ELBOW	1	B
-11	151-58520	. BRACKET ASSY, Hydraulic nose gear extension cylinder shuttle valve support	1	
-12	151-58832-37	. LINE ASSY, Nose gear down from shuttle valve on helper cylinder to banjo fitting on cylinder end	1	A
	191-58801-7	. LINE ASSY, Nose gear down from shuttle valve on helper cylinder to banjo fitting on cylinder end	1	B
-13	151-58539	. PLUG, Hydraulic alighting gear extension cylinder	1	
-14	AN364-624	. NUT	1	
-15	AN832-4	. UNION	1	
-16	140-58560	. NUT, Hydraulic special thin bulkhead jam	2	
-17	AN924-4D	. NUT	1	
-18	AN960D716	. WASHER	1	
-19	173-58033	. CYLINDER ASSY, Hydraulic nose gear extension (refer to T. O. 9H2-5-28-4 for breakdown) (use 151-58033-5 until exh)	1	

USEABLE ON CODE: A 51-2850 thru 52-4604 B 52-4605 and subs

FUSELAGE HYDRAULICS (Cont)

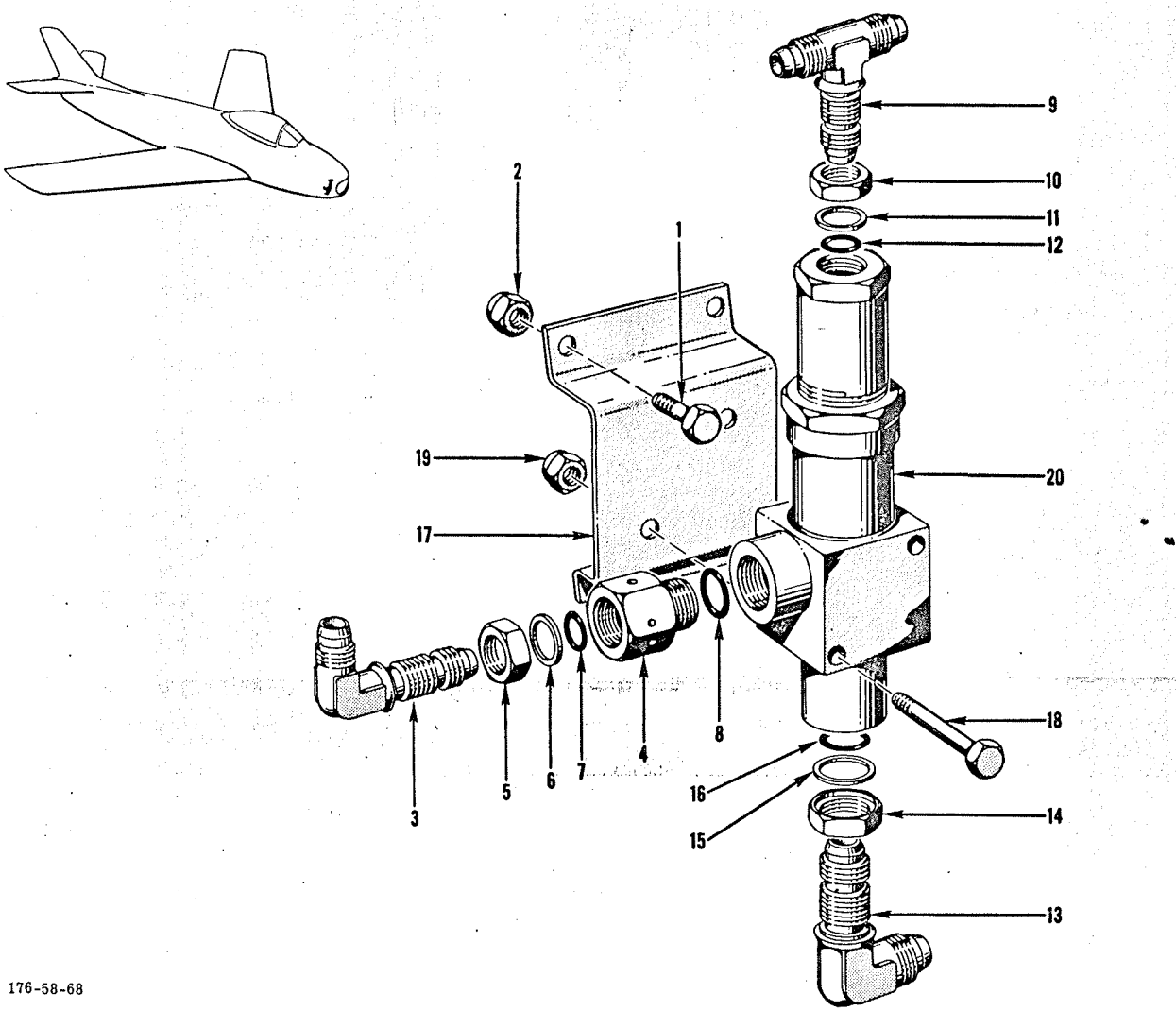


FIGURE 223 - HYDRAULIC PRESSURE REDUCING COMPLETE VALVE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
223	151-58679-10	VALVE ASSY, Hyd press. reducing complete (see fig. 216 for next assembly)	Ref	A
	151-58679-15	VALVE ASSY, Hyd press. reducing complete (see fig. 216)	Ref	B
	ATTACHING PARTS			
-1	AN3-3A	BOLT	4	
-2	AN365-1032	NUT	4	
		---*---		
-3	AN833-4	. ELBOW	1	A
	AN833-4D	. ELBOW	1	B
-4	AN893-2	. BUSHING	1	A
	AN893-2D	. BUSHING	1	B
-5	AN6289-4	. NUT	1	
-6	AN6291-4	. RING	1	
-7	AN6290-4	. GASKET	1	
-8	AN6290-6	. GASKET	1	
-9	AN834-4D	. TEE	1	
-10	AN6289-4	. NUT	1	
-11	AN6291-4	. RING	1	
-12	AN6290-4	. GASKET	1	
-13	AN833-6	. ELBOW	1	A
	AN833-6D	. ELBOW	1	B
-14	AN6289-6	. NUT	1	
-15	AN6291-6	. RING	1	
-16	AN6290-6	. GASKET	1	
-17	151-58310	. BRACKET, Hydraulic pressure reducing valve	1	
-18	AN3-16A	. BOLT	2	
-19	AN365-1032	. NUT	2	
-20	28100	. VALVE ASSY, Hyd press. reducing 3000 psi (North American Spec NA5-8269-1) (Hyd Research) (use 151-58079-5 until exh) (refer to T. O. 9H8-15-11-4 for breakdown) . .	1	
	USEABLE ON CODE:	A 51-2850 thru 52-4604 B 52-4605 and subs		

FUSELAGE HYDRAULICS (Cont)

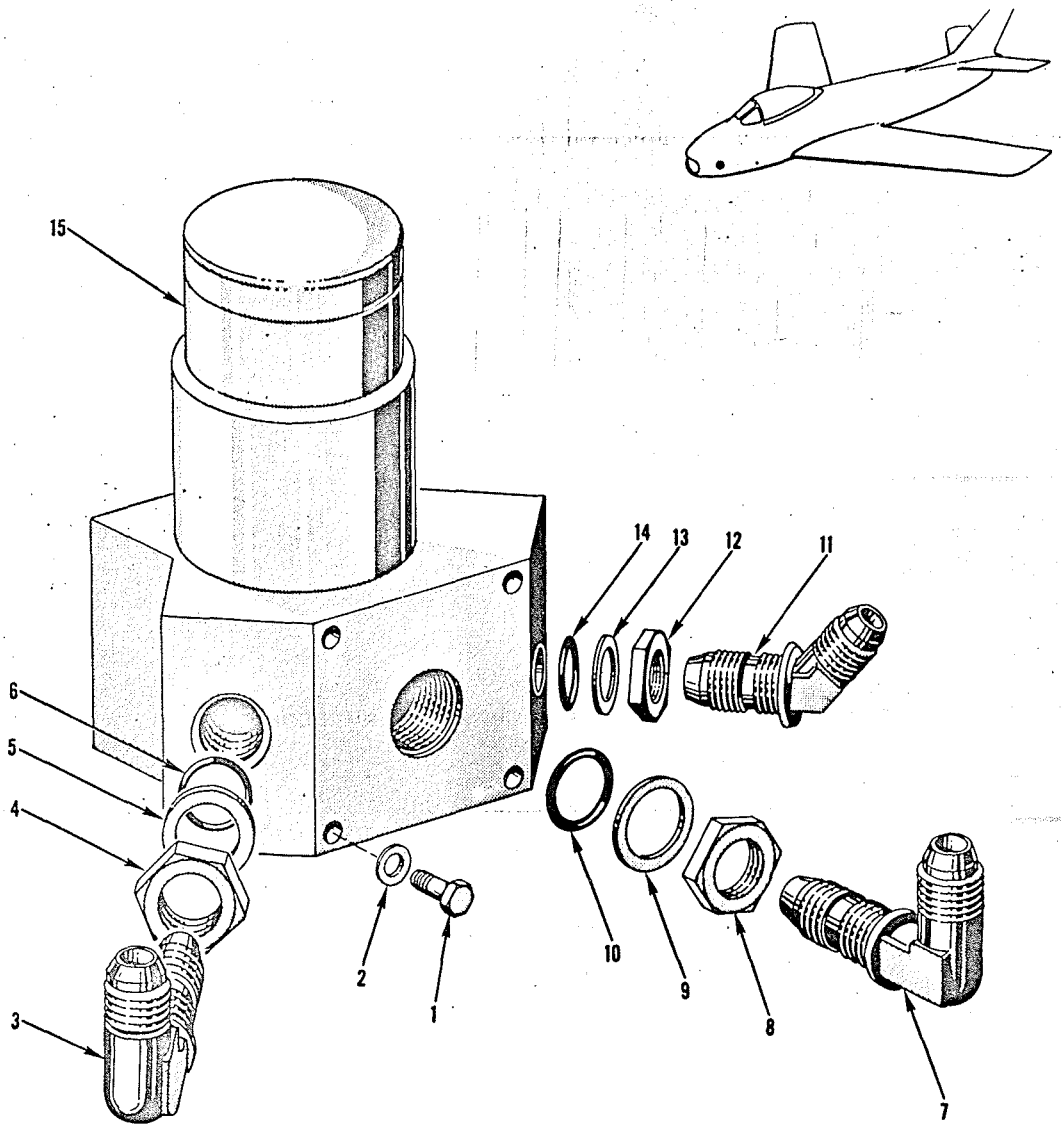


FIGURE 224 - HYDRAULIC NOSE WHEEL STEERING SHUT-OFF VALVE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
224	170-58645	VALVE ASSEMBLY, Hydraulic nose wheel steering shut-off complete (see figure 216 for next assembly)	Ref	A
	170-58645-3	VALVE ASSEMBLY, Hydraulic nose wheel steering shut-off complete (see figure 216 for next assembly)	Ref	B
		ATTACHING PARTS		
-1	AN3-3A	BOLT	4	
-2	AN936A10	WASHER	4	
		---*---		
-3	AN833-4	. ELBOW	1	A
	AN833-4D	. ELBOW	1	B
-4	AN6289-4	. NUT	1	
-5	AN6291-4	. RING	1	
-6	AN6290-4	. GASKET	1	
-7	AN833-4	. ELBOW, (used on 170-58645)	1	A
	AN833-4D	. ELBOW, (used on 170-58645-3)	1	B
-8	AN6289-4	. NUT	1	
-9	AN6291-4	. RING	1	
-10	AN6290-4	. GASKET	1	
-11	AN837-4D	. ELBOW	1	
-12	AN6289-4	. NUT	1	
-13	AN6291-4	. RING	1	
-14	AN6290-4	. GASKET	1	
-15	23569-3	. VALVE ASSY, 3-way solenoid selector (aux gear steering) (Adel) (North American Spec NA5-8247) (Intrch with Proof 14-1062) (North American Spec NA5-8247)	1	
	USEABLE ON CODE:	A 51-2850 thru 52-4604 B 52-4605 and subs		

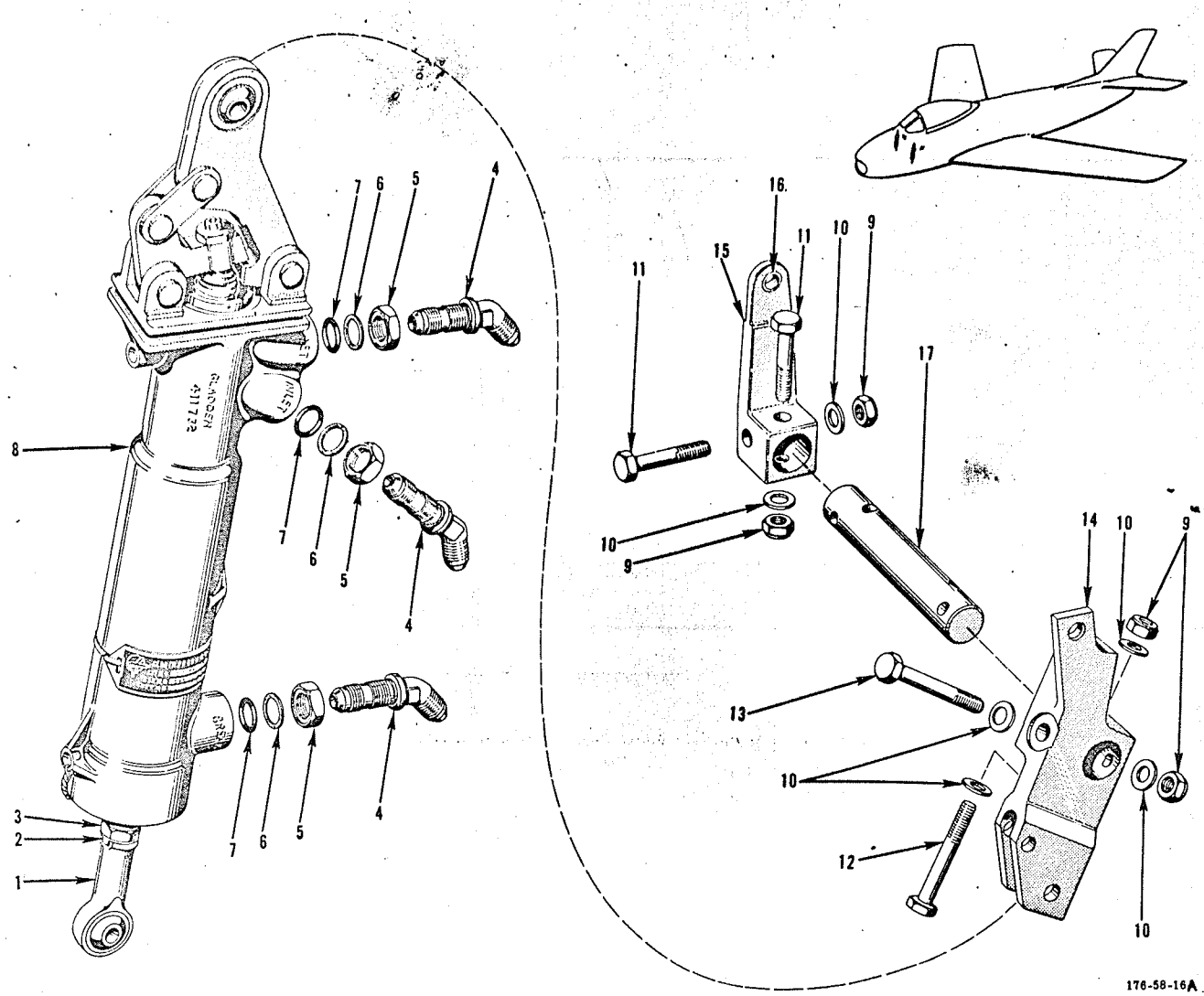


FIGURE 225 - HYDRAULIC MASTER BRAKE CYLINDER AND BELLCRANK ASSEMBLIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
225		HYDRAULIC MASTER BRAKE CYLINDER AND BELLCRANK ASSEMBLIES		
	172-58650	. CYLINDER ASSY, Hydraulic master brake complete (LH only) (see figure 226 for next assembly)	Ref	A
	172-58650-10	. CYLINDER ASSY, Hydraulic master brake complete (LH only) (see figure 226 for next assembly)	Ref	B
-1	F45-19	. . ROD END, (Heim)	1	
-2	2W11A5	. . WASHER, Tablock (North American)	1	
-3	AN316-5R	. . NUT	1	
-4	AN837-4	. . ELBOW	3	A
	AN837-4D	. . ELBOW	3	B
-5	AN6289-4	. . NUT	3	
-6	AN6291-4	. . RING	3	
-7	AN6290-4	. . GASKET	3	
-8	311706	. . CYLINDER ASSY, Power boost master brake (Gladden) (North American Spec NA5-8279-1)	1	
	161-58174-3	. BELLCRANK ASSY, Hydraulic master brake cylinder (LH only) (see figure 226 for next assembly)	Ref	
-9	AN364-428	. . NUT	4	
-10	AN960-416	. . WASHER	6	
-11	AN174-12A	. . BOLT	2	
-12	AN174-14A	. . BOLT	1	
-13	AN174-17A	. . BOLT	1	
-14	161-58116-3	. . BELLCRANK, Hydraulic master brake cylinder outboard LH	1	
-15	151-58318	. . BELLCRANK ASSY, Hydraulic master brake cylinder outboard	1	
-16	151-58346-3	. . . BUSHING, Hydraulic 3/16 bolt pressed in	1	
-17	151-58319	. . SHAFT, Hydraulic master brake torque	1	

USEABLE ON CODE: A 51-2850 thru 52-4604 B 52-4605 and subs

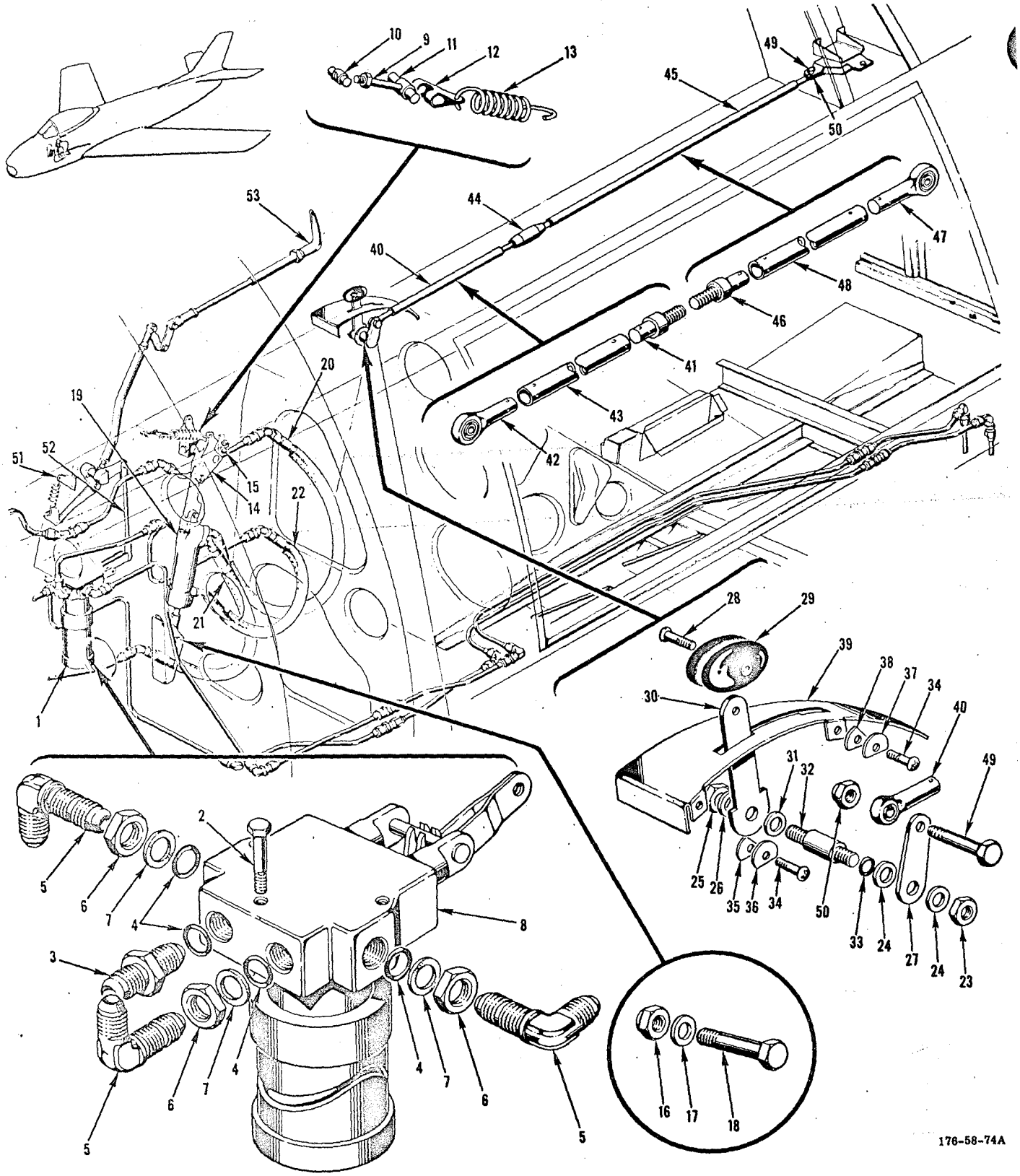


FIGURE 226 - FUSELAGE STATION 53.5 TO STATION 135 HYDRAULIC EQUIPMENT LH SIDE

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
226	172-58059	HYDRAULIC EQUIP INSTL, Fus sta 53.5 to fus sta 135 (see figure 108 for next assembly)	NP	
	No Number	. FUSELAGE STA 53.5 TO FUSELAGE STA 135 HYDRAULIC EQUIPMENT RH SIDE (see figure 231 for breakdown)	NP	
	No Number	. FUSELAGE STA 53.5 TO STA 84.5 HYDRAULIC LINES AND FITTINGS RH SIDE (see figure 232 for breakdown)	NP	
	No Number	. FUSELAGE STA 84.5 TO STA 135 HYDRAULIC LINES AND FITTINGS RH SIDE, (see figure 233 for breakdown)	NP	
	No Number	. FUSELAGE STA 53.5 TO STA 135 HYDRAULIC LINES AND FITTINGS LH SIDE, (see figure 227 for breakdown)	NP	
	No Number	. HYDRAULIC PARKING BRAKE ROD AND BELLCRANK ASSEMBLIES AND ALL ATTACHING PARTS, (see figure 228 for breakdown)	NP	
-1	151-58635-3	. VALVE AND COMPENSATOR ASSY, Hydraulic parking complete	1	
	ATTACHING PARTS			
-2	AN3-14A	. BOLT	3	
	---*---			
-3	AN815-4D	. . UNION	1	
-4	AN6290-4	. . GASKET	4	
-5	AN833-4D	. . ELBOW	3	
-6	AN6289D4	. . NUT	3	
-7	AN6291-4	. . RING	3	
-8	151-58035-3	. . VALVE ASSY, Hyd parking brake (refer to T. O. 4BA4-3-4 for breakdown)	1	
-9	NAS27-3-18	. TURNBUCKLE, Tank strap	1	
-10	NAS25-3KL	. TRUNNION, Tank strap threaded	1	
-11	NAS25-3KR	. TRUNNION, Tank strap threaded	1	
-12	161-58122	. CLIP, Hydraulic brake spring adjustment	1	
-13	161-58121	. SPRING, Hydraulic master brake cylinder return	1	
-14	161-58174-3	. BELLCRANK ASSEMBLY, Hydraulic master brake cylinder LH (see figure 225 for breakdown)	1	
-15	5B2-12DH	. BOLT, Adjustment 5-32 (North American)	1	
	AN6227-12	. WASHER	1	
	AN364-428	. NUT	1	
-16	AN365-428	. NUT	2	
-17	AN960-10	. WASHER	2	
-18	AN4-11A	. BOLT	2	
-19	172-58650	. CYLINDER ASSEMBLY, Hydraulic master brake complete (see figure 225 for breakdown)	1	A
	172-58650-10	. CYLINDER ASSEMBLY, Hydraulic master brake complete (see figure 225 for breakdown)	1	B
-20	3H3-4-28	. HOSE ASSEMBLY, Hydraulic plastic covered (North American). (altered from AN6271)	1	
-21	3H3-4-14	. HOSE ASSY, Hyd plastic covered (North American)(altered from AN6271)	1	
-22	3H3-4-15	. HOSE ASSY, Hyd plastic covered (North American)(altered from AN6271)	1	
-23	AN365-524	. NUT	1	C
-24	AN960-516L	. WASHER	2	C
-25	AN364-524	. NUT	1	C
-26	AN960D516	. WASHER	1	C
-27	151-58381	. ARM, Hydraulic emergency speed brake dump valve control	1	C
-28	AN509-10R8	. SCREW	1	C
-29	NAS123R125	. KNOB, Control 1 inch diameter x 5/8 oval plastic	1	C
-30	151-58561	. HANDLE, Hydraulic emergency speed brake dump valve	1	C
-31	AN960D516	. WASHER	1	C
-32	151-58380	. SHAFT, Hydraulic emergency speed brake dump valve control	1	C
-33	AN6227-6	. PACKING	1	C
-34	AN520-10R12	. SCREW	2	C
-35	170-58243-3	. WASHER, Hydraulic pressure seal	1	C
-36	170-58243-5	. WASHER, Hydraulic pressure seal	1	C
-37	170-58243-7	. WASHER, Hydraulic pressure seal	1	C
-38	170-58243-9	. WASHER, Hydraulic pressure seal	1	C
-39	151-58562	. NAMEPLATE ASSY, Hydraulic emergency speed brake dump valve	1	C
	151-58562-11	. NAMEPLATE ASSY, Hydraulic emergency speed brake dump valve	1	D
-40	151-58373	. ROD ASSY, Hydraulic emergency speed brake dump valve forward	1	C
-41	151-58375-5	. . END, Hydraulic emergency speed brake dump valve rod	1	C
-42	F3114	. . BEARING, (Heim)	1	C
-43	151-58373-3	. . ROD, Hydraulic emergency speed brake dump valve forward	1	C
-44	AN155-80L	. BARREL	1	C
-45	151-58374	. ROD ASSY, Hydraulic emergency speed brake dump valve aft	1	C
-46	151-58375-3	. . END, Hydraulic emergency speed brake dump valve rod	1	C
-47	F3114	. . BEARING, (Heim)	1	C
-48	151-58374-3	. . ROD, Hydraulic emergency speed brake dump valve aft	1	C
-49	AN3-7A	. BOLT	2	C
-50	AN365-1032	. NUT	2	C
-51	151-58497	BRACKET, Hydraulic parking brake spring (see figure 228)	Ref	
-52	151-58242	ROD ASSY, Hydraulic parking brake valve outbd control (see figure 228)	Ref	
-53	151-58270	HANDLE, Hydraulic parking brake control (see figure 228)	Ref	

USEABLE ON CODE: A 51-2850 thru 52-4604; B 52-4605 and subs; C 51-2850 thru 52-5063, 52-5272 thru 52-5446; D 52-5064 thru 52-5271, 52-5447 and subs

FUSELAGE HYDRAULICS (Cont)

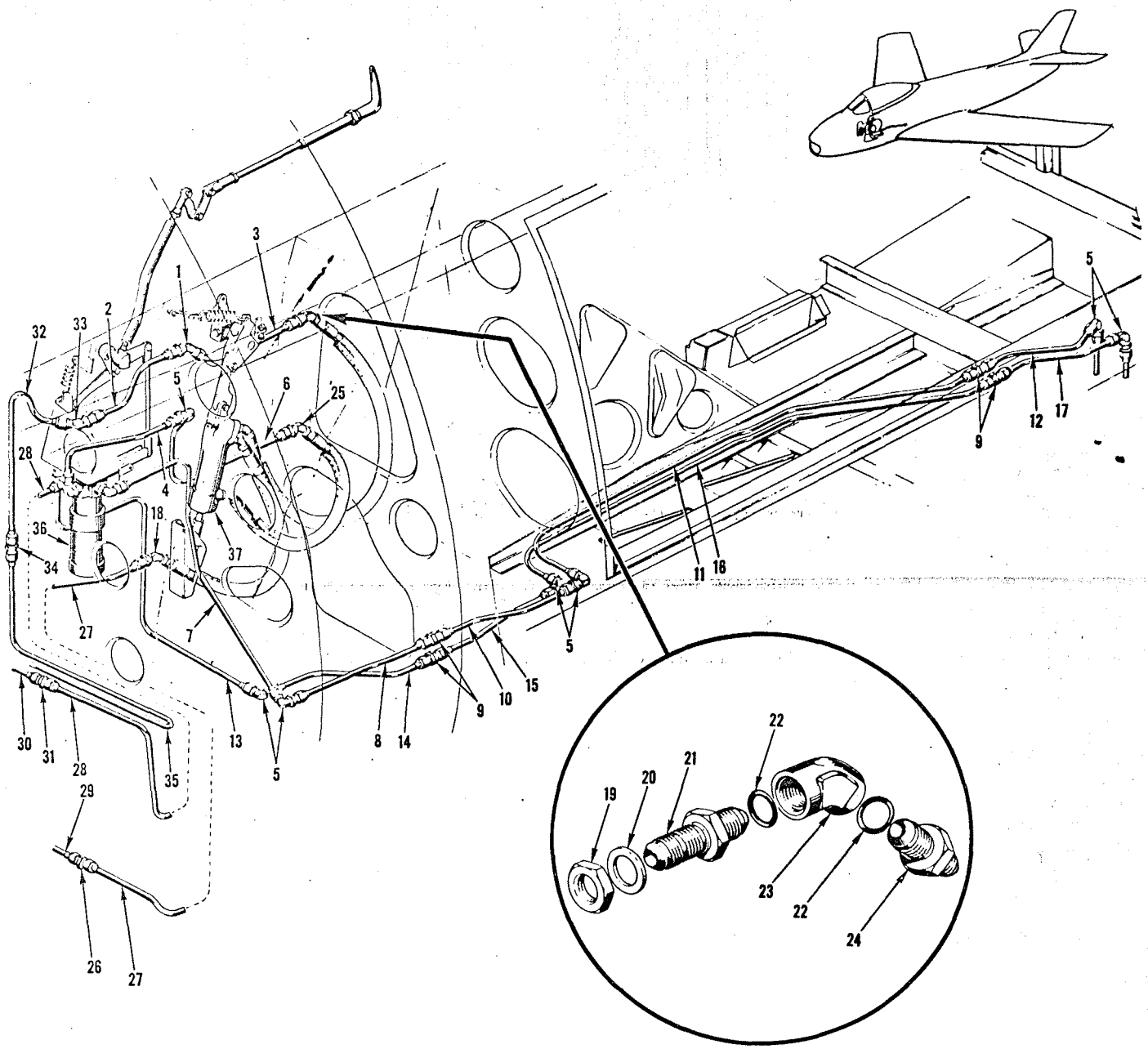


FIGURE 227 - FUSELAGE STATION 53.5 TO 135 HYDRAULIC LINES AND FITTINGS LH SIDE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
227	No Number	FUSELAGE STATION 53.5 TO 135 HYDRAULIC LINES AND FITTINGS LH SIDE, (see figure 226 for next assembly)	NP	
-1	AN837-6D	. ELBOW	1	
	AN960D916	. WASHER	1	
	AN924-6D	. NUT	1	
-2	170-58805-65	. LINE ASSEMBLY, LH brake return elbow station 62.62 to elbow station 53.5	1	F
-3	172-58807-63	. LINE ASSEMBLY, LH brake return union station 71.75 to elbow station 62.62	1	
-4	170-58805-61	. LINE ASSEMBLY, LH brake pressure elbow station 62.62 to parking brake compensator	1	
-5	AN833-4D	. ELBOW	7	
	AN960D716	. WASHER	7	
	AN924-4D	. NUT	7	
-6	170-58805-63	. LINE ASSEMBLY, LH brake pressure elbow station 71.75 to elbow station 62.62	1	
-7	172-58818-55	. LINE ASSEMBLY, LH brake pressure compensator to elbow	1	F
	191-58803-73	. LINE ASSEMBLY, From compensator to elbow sta 62.62	1	G
-8	172-58807-77	. LINE ASSEMBLY, LH brake pressure elbow station 62.62 to union 71.75	1	F

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
227	191-58803-75	LINE ASSEMBLY, LH brake press from elbow sta 62.62 to union station 71.75	1	G
-9	AN832-4D	UNION	4	
	AN960D716	WASHER	4	
	AN924-4D	NUT	4	
-10	170-58804-67	LINE ASSEMBLY, LH brake pressure union station 71.75 to elbow station 84.5	1	F
	191-58803-77	LINE ASSEMBLY, LH brake pressure from union station 71.75 to elbow station 84.5	1	G
-11	170-58804-69	LINE ASSEMBLY, LH brake pressure elbow station 84.5 to union station 118.5	1	
-12	170-58804-71	LINE ASSEMBLY, LH brake pressure union station 118.5 to elbow station 127.75	1	
-13	170-58804-53	LINE ASSEMBLY, RH brake pressure compensator to elbow station 62.62	1	F
	191-58803-67	LINE ASSEMBLY, RH brake pressure from compensator to elbow station 71.75	1	G
-14	172-58807-75	LINE ASSEMBLY, RH brake pressure elbow station 62.62 to union station 71.75	1	F
	191-58803-69	LINE ASSEMBLY, RH brake pressure from elbow station 62.62 to union sta 71.75	1	G
-15	170-58804-57	LINE ASSEMBLY, RH brake pressure union station 71.75 to elbow station 84.5	1	F
	191-58803-71	LINE ASSEMBLY, RH brake pressure from union station 71.75 to elbow station 84.5	1	G
-16	170-58804-59	LINE ASSEMBLY, RH brake pressure elbow station 84.5 to union station 118.5	1	
-17	170-58804-61	LINE ASSEMBLY, RH brake pressure union station 118.5 to elbow station 126	1	
-18	AN837-4	ELBOW	1	A
	AN837-4D	ELBOW	1	E
	AN832-4D	UNION	1	G
	AN960D716	WASHER	1	
	AN924-4D	NUT	1	
-19	AN924-6D	NUT	1	
-20	AN960D916	WASHER	1	
-21	AN832-6D	UNION	1	
-22	AN6290-6	GASKET	2	
-23	AN928-6D	ELBOW	1	
-24	AN919-6D	REDUCER	1	
-25	AN837-4D	ELBOW	1	
-26	AN815-4	UNION	1	A
	AN815-4D	UNION	1	E
	AN832-4D	UNION	1	G
	AN960D716	WASHER	1	G
	AN924-4D	NUT	1	G
-27	172-58807-43	LINE ASSEMBLY, Utility system pressure union sta 51 1/2 to elbow station 62.62	1	A
	191-58803-27	LINE ASSEMBLY, Utility system pressure union sta 51 1/2 to elbow station 62.62	1	E
	191-58803-63	LINE ASSEMBLY, Utility system pressure from union sta 53.5 to union station 62.62 LH	1	G
-28	170-58804-35	LINE ASSEMBLY, RH brake pressure union to union on parking brake compensator	1	C
	172-58818-75	LINE ASSEMBLY, RH brake pressure union to union on parking brake compensator	1	D
-29	172-58807-73	LINE ASSEMBLY, Utility system pressure elbow sta 53.5 to union station 49	1	A
	191-58803-49	LINE ASSEMBLY, Utility system pressure elbow sta 53.5 to union station 49	1	E
	191-58803-61	LINE ASSEMBLY, Utility system pressure from tee sta 53.5 RH to union sta 53.5 LH	1	G
-30	170-58804-29	LINE ASSEMBLY, RH brake pressure elbow to union sta 53.5	1	J
	191-58803-79	LINE ASSEMBLY, RH brake pressure union center line of ship to elbow sta 62.62 LH	1	K
-31	AN815-4D	UNION	1	J
-32	170-58804-33	LINE ASSEMBLY, LH brake return union to elbow sta 62.62	1	C
	172-58818-65	LINE ASSEMBLY, LH brake return union to elbow sta 62.62	1	H
	191-58803-65	LINE ASSEMBLY, LH brake return from elbow sta 62.62 to union.	1	G
-33	AN837-6D	ELBOW	1	
	AN960D916	WASHER	1	
	AN924-6D	NUT	1	
-34	AN815-6D	UNION	1	
-35	170-58804-31	LINE ASSEMBLY, LH brake return union to elbow sta 62.62	1	
-36	151-58635-3	VALVE AND COMPENSATOR ASSEMBLY, Hydraulic parking complete (see figure 226)	Ref	
-37	172-58650	CYLINDER ASSEMBLY, Hydraulic master brake complete (see fig. 226)	Ref	

USEABLE ON CODE:
A 51-2850 thru 52-4604
C 51-2850 thru 51-2929
D 51-2930 and subs
E 52-4605 thru 52-5163, 52-5272 thru 52-5530
F 51-2850 thru 52-5163, 52-5272 thru 52-5530
G 52-5164 thru 52-5271, 53-1072 and subs
H 51-2930 thru 52-5163, 52-5272 thru 52-5530
J 51-2850 thru 53-1228
K 55-3816 and subs

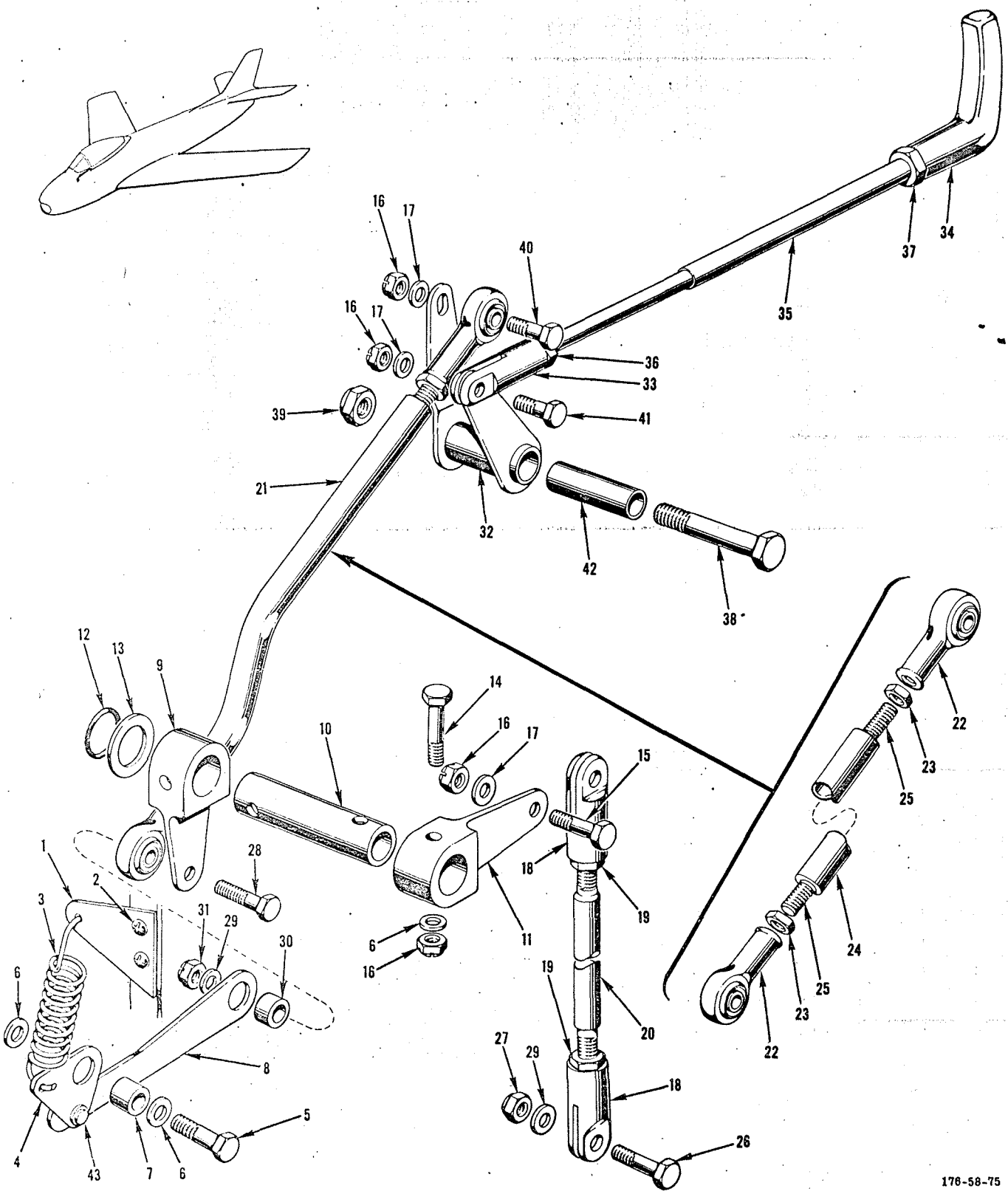


FIGURE 228 - HYDRAULIC PARKING BRAKE AND BELLCRANK ASSEMBLIES

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
228	No Number	HYDRAULIC PARKING BRAKE ROD AND BELLCRANK ASSEMBLIES AND ALL ATTACHING PARTS (see figure 226 for next assembly)	NP	
-1	151-58497	. BRACKET, Hydraulic parking brake spring	1	
-2	AN515-6R7	. SCREW	2	
	2W18-6	. WASHER, Flat (North American)	2	
	AN365-632	. NUT	2	
-3	151-58499	. SPRING, Hydraulic parking brake return	1	
-4	151-58500	. BELLCRANK, Hydraulic parking brake return spring	1	
-5	5B17-5A	. BOLT, 10-32 Corrosion resistant (North American)	1	
-6	AN960D10	. WASHER	4	
-7	NAS43DD3-10	. SPACER, Screw and bolt	1	
-8	151-58501	. LINK, Hydraulic parking brake return	1	
-9	151-58230	. BELLCRANK, Hydraulic parking brake return valve inboard	1	
-10	151-58231	. TUBE, Hydraulic parking brake valve operating torque	1	
-11	151-58229	. BELLCRANK, Hydraulic parking brake return valve outboard	1	
-12	AN6227-10	. PACKING	1	
-13	2W1B32-28-32	. WASHER, Plain (North American)	1	
-14	5B17C6	. BOLT, 10-32 Corrosion resistant (North American)	2	
-15	AN3-10	. BOLT	1	
-16	AN310-3	. NUT	5	
-17	AN960-10L	. WASHER	4	
	151-58242	. ROD ASSY, Hydraulic parking brake valve outboard control	1	
-18	151-58238	. . CLEVIS, Hydraulic parking brake control	2	
-19	AN316-4R	. . NUT	2	
-20	151-58242-3	. . ROD, Hydraulic parking brake valve outboard	1	
-21	151-58236	. ROD ASSY, Hydraulic parking brake control inboard	1	
-22	F34-14	. . BEARING, Rod end (Heim)	2	
-23	AN316-4R	. . NUT	2	
-24	151-58235	. . ROD, Hydraulic parking brake control lever	1	
-25	1R8P8-428	. . ROD END (North American)	2	
-26	AN3-10A	. BOLT	1	
-27	AN365-1032	. NUT	1	
-28	AN3-11	. BOLT	1	
-29	AN960D10	. WASHER	2	
-30	NAS43DD3-10	. SPACER, Screw and bolt	1	
-31	AN310-3	. NUT	1	
-32	151-58241	. BELLCRANK ASSY, Hydraulic parking brake control lower	1	
-33	151-58238	. CLEVIS, Hydraulic parking brake control	1	
-34	151-58270	. HANDLE, Hydraulic parking brake control	1	
-35	151-58240	. ROD, Hydraulic parking brake control upper	1	
-36	AN341-516	. NUT	1	
-37	AN341-416	. NUT	1	
-38	AN3-13A	. BOLT	1	
-39	AN365-1032	. NUT	1	
-40	AN3-7	. BOLT	1	
-41	AN3-6	. BOLT	1	
-42	NAS74-3-015	. BUSHING, Clamp up bronze	1	
-43	AN392-9	. PIN	1	
	AN960D4	. WASHER	2	

FUSELAGE HYDRAULICS (Cont)

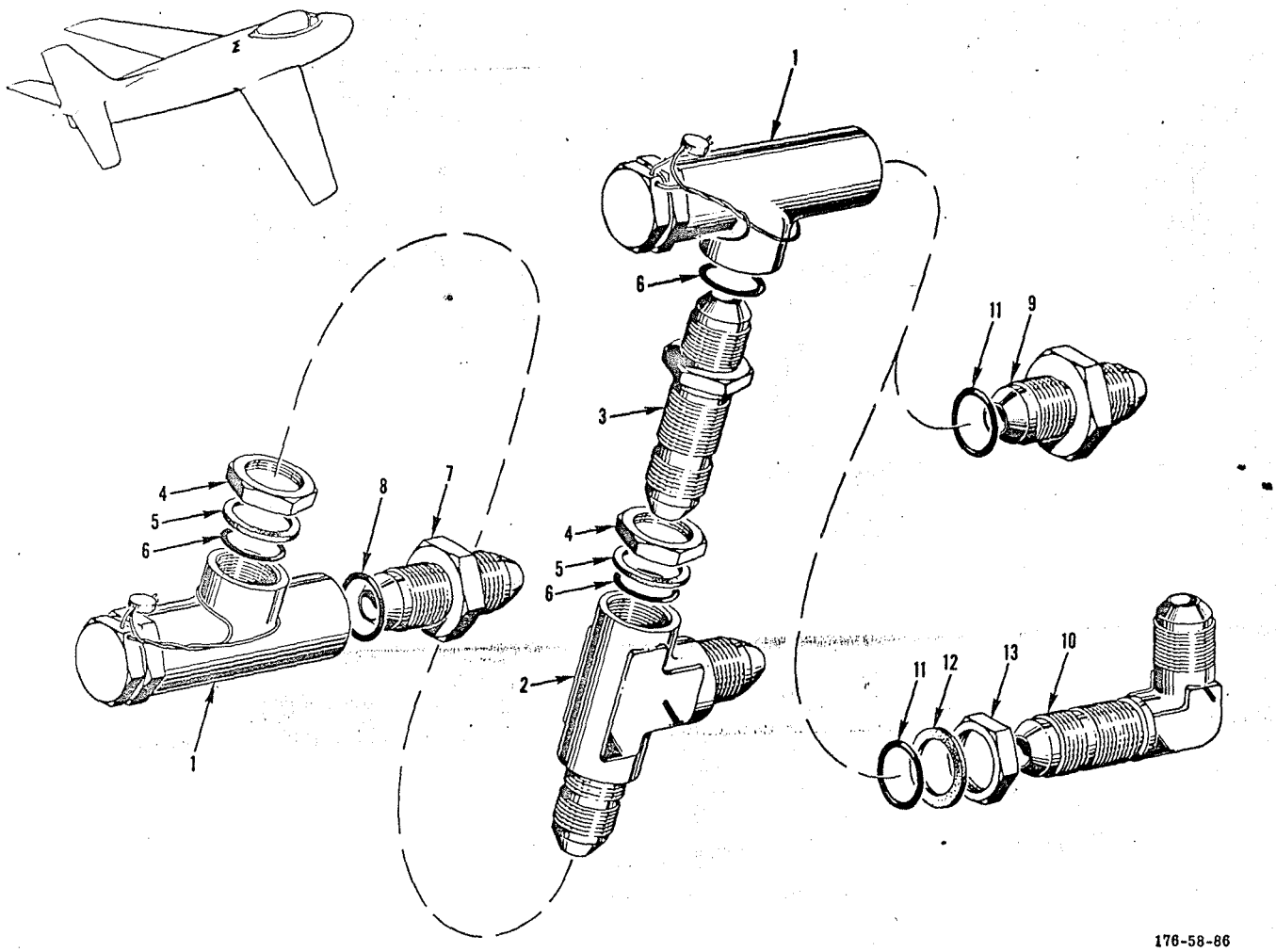


FIGURE 229 - HYDRAULIC SPEED BRAKE THERMAL RELIEF VALVE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
229	172-58646	VALVE ASSY, Hydraulic speed brake thermal relief complete (see figure 255 for next assembly)	Ref	A
	172-58646-3	VALVE ASSY, Hydraulic speed brake thermal relief complete (see figure 255 for next assembly)	Ref	B
	172-58646-5	VALVE ASSY, Hydraulic speed brake thermal relief complete (see figure 255 for next assembly)	Ref	C
-1	AN6245B4	. VALVE ASSY, Hydraulic thermal expansion relief	2	
-2	AN784-4D	. TEE	1	
-3	AN832-4D	. UNION	1	
-4	AN6289-4	. NUT	2	
-5	AN6291-4	. RING	2	
-6	AN6290-4	. GASKET	3	
-7	AN815-4	. UNION	1	A,B
	AN815-4D	. UNION	1	C
-8	AN6290-4	. GASKET	1	
-9	AN815-4	. UNION	1	A
-10	AN833-4	. ELBOW	1	B
	AN833-4D	. ELBOW	1	C
-11	AN6290-4	. GASKET	1	
-12	AN6291-4	. RING	1	B,C
-13	AN6289-4	. NUT	1	B,C

USEABLE ON CODE:
A 51-2850 thru 51-2929
51-13070 thru 51-13089
B 51-2930 thru 51-12976
51-13090 thru 52-4604
C 52-4605 and subs

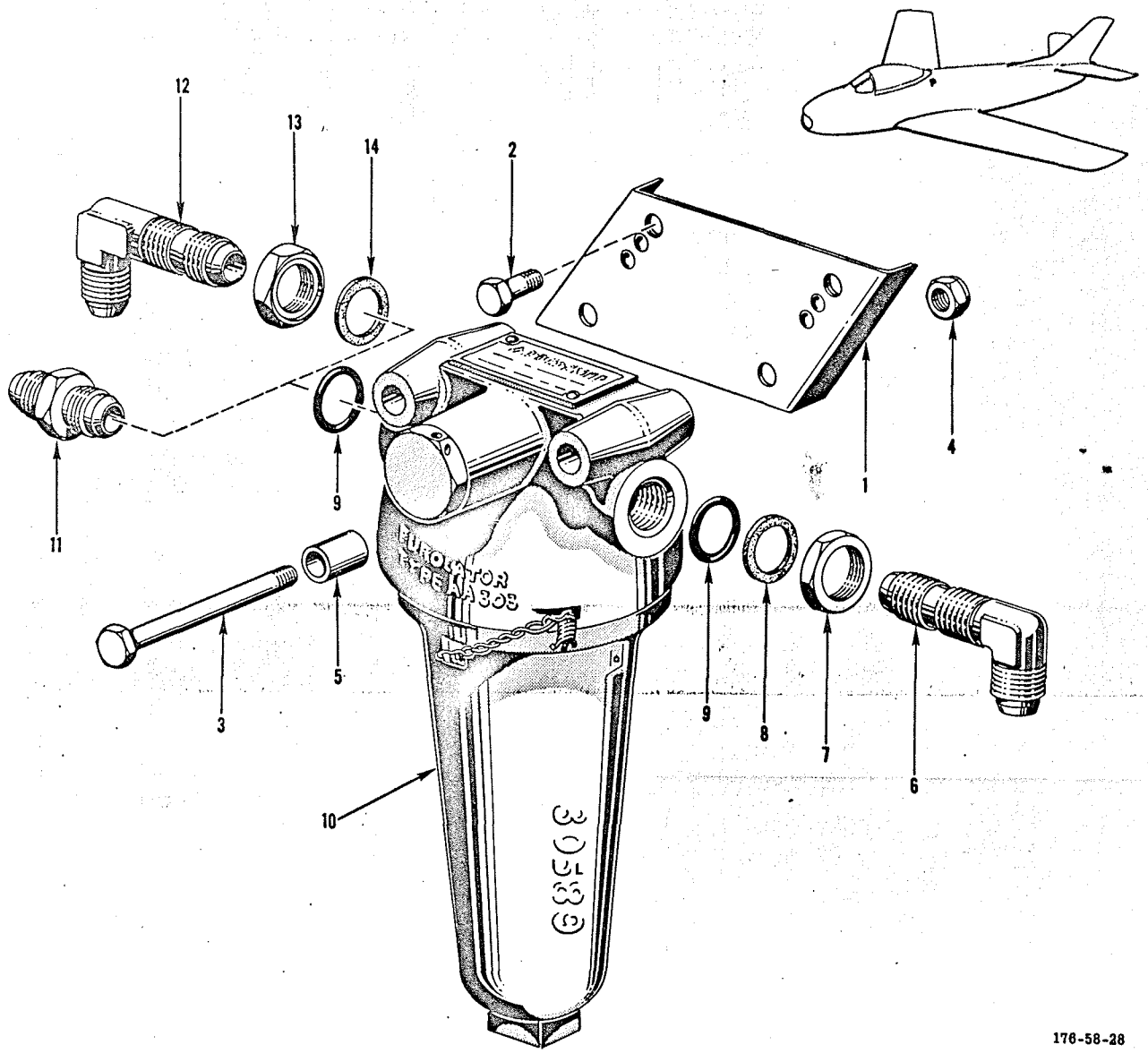


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FIGURE 230 - COMPLETE HYDRAULIC BRAKE RETURN FILTER ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
230	172-58639		FILTER ASSY, Hyd brake return complete (see fig. 236 for next assembly)	Ref	B
	172-58639-3		FILTER ASSY, Hyd brake return complete (see fig. 236 for next assembly)	Ref	A
		ATTACHING PARTS			
-1	172-58190		BRACKET ASSY, Hydraulic brake return filter	1	
-2	AN3-4A		BOLT	2	
-3	AN3-23A		BOLT	2	
-4	AN365-1032		NUT	2	
-5	NAS43DD3-32		SPACER, Bolt	2	
		---*---			
-6	AN833-6D	.	ELBOW	1	
-7	AN6289-6	.	NUT	1	
-8	AN6291-6	.	RING	1	
-9	AN6290-6	.	GASKET	1	
-10	AN6234-6	.	FILTER, Hydraulic replaceable element line type	1	
-11	AN815-6D	.	UNION	1	A
-12	AN833-6D	.	ELBOW	1	B
-13	AN6289-6	.	NUT	1	B
-14	AN6291-6	.	RING	1	B

USEABLE ON CODE: A 51-2850 thru 51-13510
B 52-4305 and subs

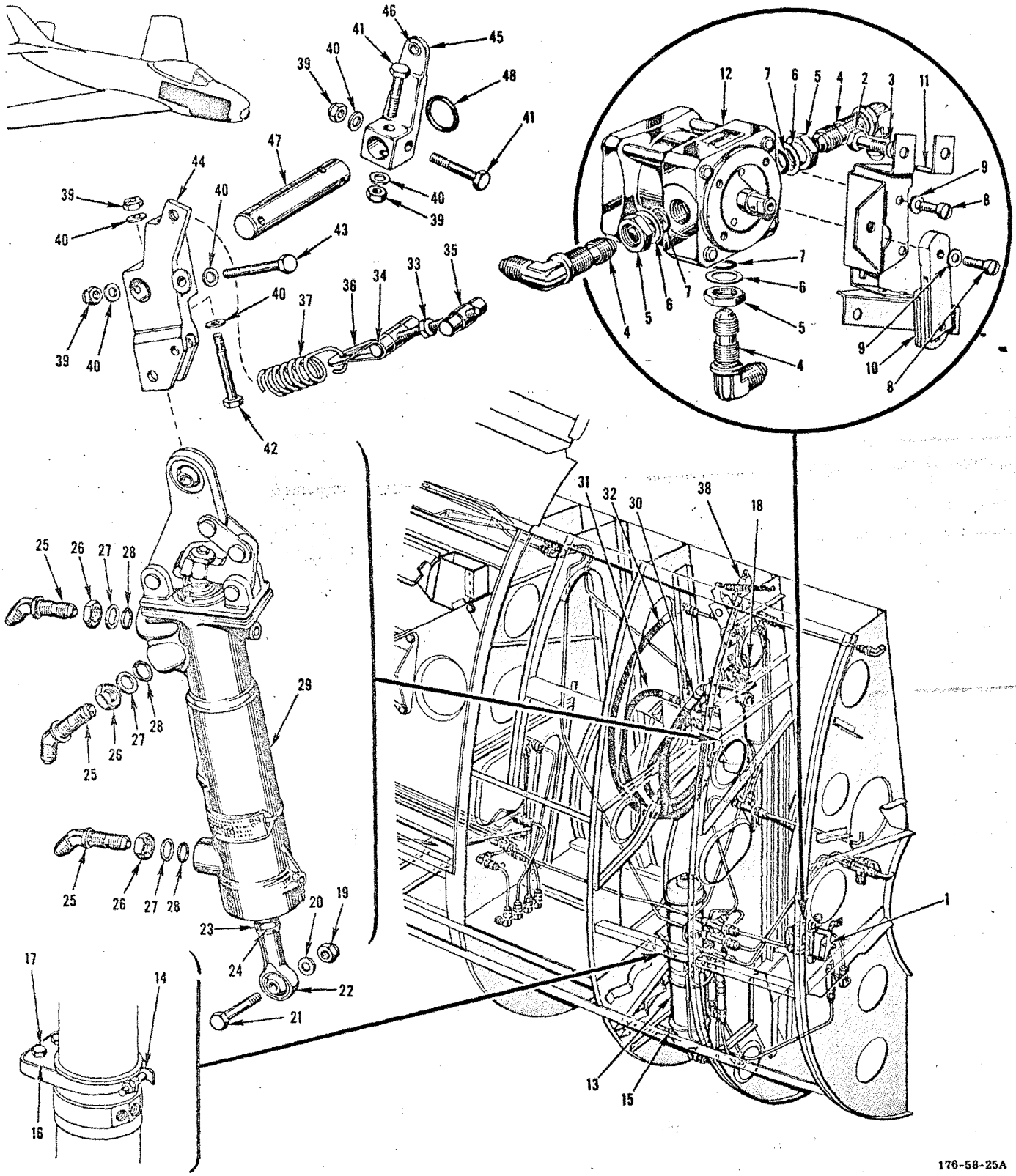


FIGURE 231 - FUSELAGE STATION 53.5 TO 135 HYDRAULIC EQUIPMENT RH SIDE

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
231	No Number	FUSELAGE STATION 53.5 TO STATION 135 HYDRAULICS EQUIPMENT RH SIDE (see figure 226 for next assembly)	NP	
-1	172-58605	. VALVE ASSY, Hyd emer aux alighting gear selector complete	1	A
	172-58605-10	. VALVE ASSY, Hyd emer aux alighting gear selector complete	1	B
	172-58605-20	. VALVE ASSY, Hyd emer aux alighting gear selector complete	1	C
	ATTACHING PARTS			
-2	AN3-6A	. BOLT	5	
-3	AN960D10	. WASHER	5	
	---*---			
-4	AN833-6	. . ELBOW	3	A
	AN833-6D	. . ELBOW	3	B
-5	AN6289-6	. . NUT	3	
-6	AN6291-6	. . RING	3	
-7	AN6290-6	. . GASKET	3	
-8	AN501A10-5	. . SCREW	5	
-9	AN960D10	. . WASHER	5	
-10	172-58108	. . BELLCRANK, Hydraulic emergency auxiliary alighting gear selector valve	1	D
	202-34627	. . BELLCRANK, Hydraulic emergency auxiliary alighting gear selector valve	1	C
-11	172-58107	. . BRACKET ASSY, Hydraulic emergency auxiliary alighting gear selector valve support	1	
-12	22318	. . VALVE ASSEMBLY, Emergency by-pass 3000 psi tube size (Whittaker) (North American Spec NA5-8252) (intrch wth Proof 10-1026) (North American Spec NA5-8252-2) & 37300 (Hydraulic Research) (North American Spec NA5-8252-1)	1	
-13	172-58640	. ACCUMULATOR ASSY, Hydraulic emer aux alighting gear extension complete (see figure 234 for detail breakdown)	1	A
	172-58640-5	. ACCUMULATOR ASSY, Hydraulic emer aux alighting gear extension complete (see figure 234 for detail breakdown)	1	B
	ATTACHING PARTS			
-14	U12-625-4.63S	. CLAMP ASSY, (National Utility) (intrch with 325-625-4.63S). (Marman)	1	
-15	U12-625-3.80S	. CLAMP ASSY, (National Utility) (intrch with 325-625-3.80S). (Marman)	1	
-16	172-58105	. SPACER, Hydraulic emergency nose gear accumulator fuselage station 71.75 upper bracket	1	
-17	AN3-12A	. BOLT	2	
	AN960D10	. WASHER	2	
	---*---			
-18	172-58650	. CYLINDER ASSY, Hydraulic master brake complete RH	1	A
	172-58650-10	. CYLINDER ASSY, Hydraulic master brake complete RH	1	B
	ATTACHING PARTS			
-19	AN365-428	. NUT	2	
-20	AN960-10	. WASHER	2	
-21	AN4-11A	. BOLT	2	
	---*---			
-22	F45-19	. . ROD END, (Heim)	1	
-23	2W11A5	. . WASHER, Tab lock (North American)	1	
-24	AN316-5R	. . NUT	1	
-25	AN837-4	. . ELBOW	3	A
	AN837-4D	. . ELBOW	3	B
-26	AN6289-4	. . NUT	3	
-27	AN6291-4	. . RING	3	
-28	AN6290-4	. . GASKET	3	
-29	311706	. . CYLINDER ASSY, Power boost master brake (Gladden)	1	
-30	3H3-4-28	. HOSE ASSEMBLY, Plastic covered (North American) (altered from AN6271)	1	
-31	3H3-4-23 1/2	. HOSE ASSEMBLY, Plastic covered (North American) (altered from AN6271)	1	
-32	3H3-4-15	. HOSE ASSEMBLY, Plastic covered (North American) (altered from AN5271)	1	
-33	NAS27-3-18	. TURNBUCKLE, Tank strap	1	
-34	NAS25-3KL	. TRUNNION, Tank strap threaded	1	
-35	NAS25-3KR	. TRUNNION, Tank strap threaded	1	
-36	161-58122	. CLIP, Hydraulic brake spring adjustment	1	
-37	161-58121	. SPRING, Hydraulic master brake cylinder return	1	
-38	161-58174-4	. BELLCRANK ASSY, Hydraulic master brake cylinder RH	1	
-39	AN364-428	. . NUT	4	
-40	AN960-416	. . WASHER	6	
-41	AN174-12A	. . BOLT	2	
-42	AN174-14A	. . BOLT	1	
-43	AN174-17A	. . BOLT	1	
-44	161-58116-4	. . BELLCRANK, Hydraulic master brake cylinder outboard RH	1	
-45	151-58318	. . BELLCRANK ASSY, Hydraulic master brake cylinder outboard	1	
-46	151-58346-3	. . . BUSHING, Hydraulic 3/16 bolt pressed in	1	
-47	151-58319	. . SHAFT, Hydraulic master brake torque	1	
-48	AN6227-12	. PACKING	1	

USEABLE ON CODE: A 51-2850 thru 52-4604 C 55-3816 and subs
B 52-4605 and subs D 51-2850 thru 53-1228

FUSELAGE HYDRAULICS (Cont)

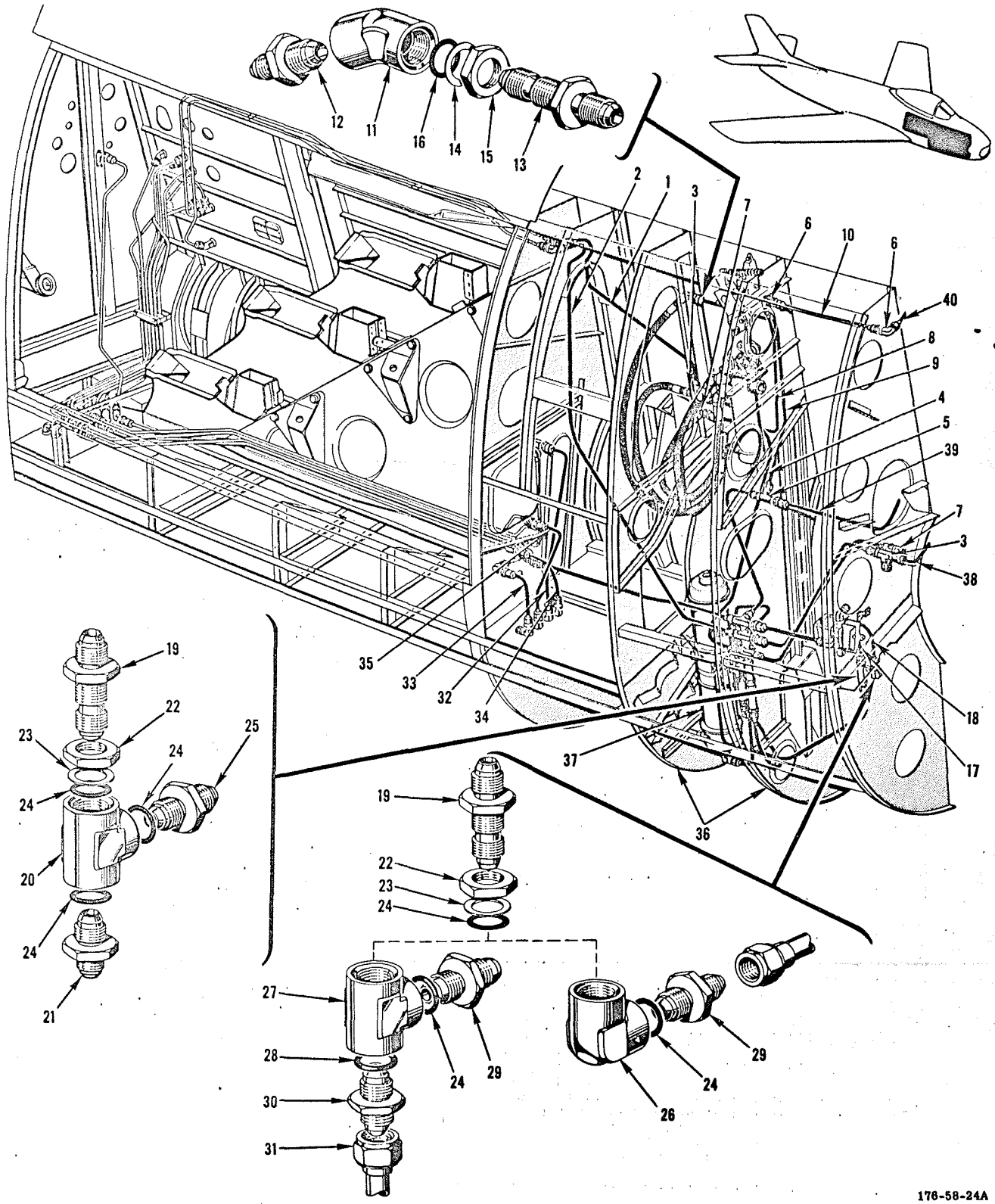


FIGURE 232 - FUSELAGE STATION 53.5 TO STATION 84.5 HYDRAULIC LINES AND FITTINGS RH SIDE

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
232	No Number	FUSELAGE STATION 53.5 TO STATION 84.5 HYDRAULIC LINES AND FITTINGS RH SIDE (see figure 226 for next assembly)	NP	
-1	172-58807-37	. LINE ASSY, Utility sys press. elbow sta 84 to tee sta 71	1	A
	191-58803-23	. LINE ASSY, Utility sys press. elbow sta 84 to tee sta 71	1	B
-2	172-58807-23	. LINE ASSY, Utility sys press. tee sta 62 to elbow sta 84	1	
-3	AN804-4	. TEE	2	A
	AN804D4	. TEE	2	B
	AN960D716	. WASHER	2	
	AN924-4D	. NUT	2	
-4	172-58818-57	. LINE ASSY, Utility sys press. tee sta 71 to tee sta 62	1	A
	191-58803-3	. LINE ASSY, Utility sys press. tee sta 71 to tee sta 62	1	B
-5	AN804D6	. TEE	1	
	AN960D916	. WASHER	1	
	AN924-6D	. NUT	1	
-6	AN833-4D	. ELBOW	2	
	AN960D716	. WASHER	2	
	AN924-4D	. NUT	2	
-7	AN837-4D	. ELBOW	1	
	AN960D716	. WASHER	1	
	AN924-4D	. NUT	1	
-8	170-58805-31	. LINE ASSY, Brake pressure elbow sta 71 to elbow sta 62	1	
-9	172-58807-79	. LINE ASSY, Brake return union sta 71 to tee sta 62	1	
-10	170-58805-35	. LINE ASSY, Brake pressure elbow sta 61 to elbow sta 53.5	1	
-11	AN928-6D	. ELBOW	1	
-12	AN919-6D	. REDUCER	1	
-13	AN832-6D	. UNION	1	
-14	AN960D916	. WASHER	1	
-15	AN924-6D	. NUT	1	
-16	AN6290-6	. GASKET	1	
-17	172-58807-11	. LINE ASSY, Emergency nose gear pressure tee BL 12 1/2 to reducer on emergency selector valve	1	A
	191-58803-55	. LINE ASSY, Emergency nose gear pressure tee BL 12 1/2 to reducer on emergency selector valve	1	B
-18	172-58807-7	. LINE ASSY, Emergency nose gear down elbow on emergency selector valve to elbow BL 12 1/2	1	A
	191-58803-51	. LINE ASSY, Emergency nose gear down elbow on emergency selector valve to elbow BL 12 1/2	1	B
-19	AN832-4	. UNION	2	A
	AN832-4D	. UNION	2	B
-20	AN926-4D	. TEE	1	
-21	AN919-6	. REDUCER	1	A
	AN919-6D	. REDUCER	1	B
-22	AN924-4D	. NUT	2	
-23	AN960D716	. WASHER	2	
-24	AN6290-4	. GASKET	5	
-25	AN815-4	. UNION	1	A
	AN815-4	. UNION	1	B
-26	AN927-4D	. ELBOW	1	C
-27	AN926-4D	. TEE	1	D,B
-28	AN6290-4	. GASKET	1	D,B
-29	AN919-6	. REDUCER	1	A
	AN919-6D	. REDUCER	1	B
-30	AN815-4	. UNION	1	D
	AN815-4D	. UNION	1	B
-31	172-58805-69	. LINE ASSY, Emer nose gear dn elbow sta 65 to tee sta 60	1	D
	191-58801-65	. LINE ASSY, Emer nose gear dn elbow sta 65 to tee sta 60	1	B
-32	170-58804-45	. LINE ASSY, Nose gear up elbow sta 80 to elbow sta 84	1	A
	191-58803-9	. LINE ASSY, Nose gear up elbow sta 80 to elbow sta 84	1	B
-33	170-58804-41	. LINE ASSY, Nose gear down elbow sta 80 to union sta 84	1	A
	191-58803-5	. LINE ASSY, Nose gear down elbow sta 80 to union sta 84	1	B
-34	170-58804-43	. LINE ASSY, Fairing door open elbow sta 80 to elbow sta 84	1	A
	191-58803-7	. LINE ASSY, Fairing door open elbow sta 80 to elbow sta 84	1	B
-35	172-58807-47	. LINE ASSY, Fairing door closed elbow sta 80 to union sta 84	1	A
	191-58803-31	. LINE ASSY, Fairing door closed elbow sta 80 to union sta 84	1	B
-36	No Number	. FUSELAGE STATION 53.5 TO STATION 71.75 MISCELLANEOUS RH HYDRAULIC LINES AND FITTINGS (see figure 250 for breakdown)	NP	
-37	172-58640	ACCUMULATOR ASSY, Hydraulic emergency auxiliary alighting gear extension complete (see figure 234)	Ref	
-38	172-58807-73	LINE ASSY, Utility system pressure tee sta 53.5 to union sta 49 (see figure 227)	Ref	
-39	170-58804-31	LINE ASSY, LH brake return union to tee sta 62.62 (see fig.227)	Ref	
-40	170-58804-29	LINE ASSY, RH brake press. elbow to union sta 53.5 (see fig. 227).	Ref	

USEABLE ON CODE:
A 51-2850 thru 52-4604
B 52-4605 and subs
C 51-2850 thru 51-12976
51-13070 thru 51-13089
D 51-13090 thru 52-4604

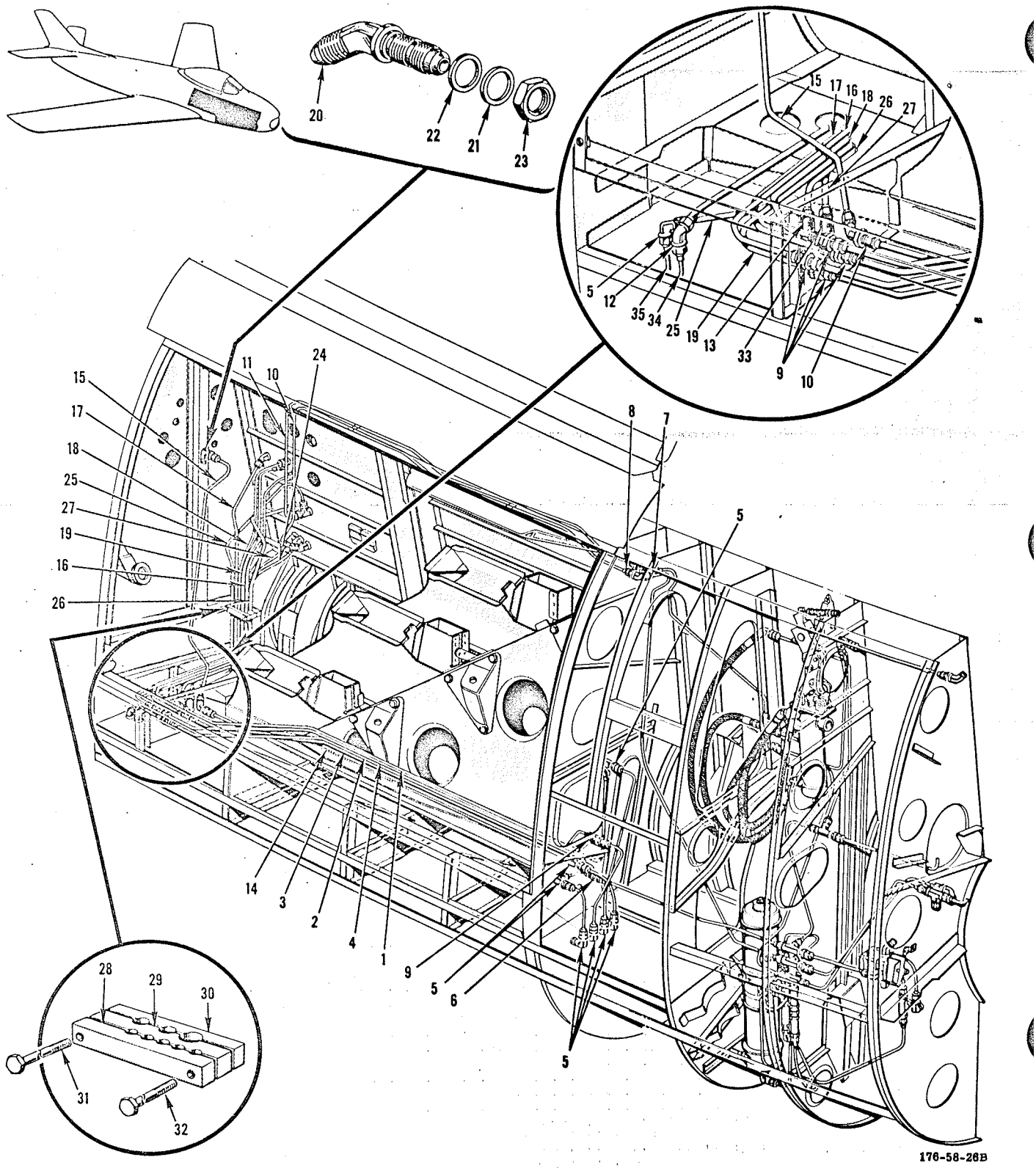


FIGURE 233 - FUSELAGE STATION 84.5 TO STATION 135 HYDRAULIC LINES AND FITTINGS RH SIDE

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
233	No Number		FUSELAGE STATION 84.5 TO STATION 135 HYDRAULIC LINES AND FITTINGS RH SIDE (see figure 226 for next assembly)	NP	
-1	172-58807-67	.	LINE ASSY, Nose gear up from union sta 118 to elbow sta 84	1	A
	191-58803-43	.	LINE ASSY, Nose gear up from union sta 118 to elbow sta 84	1	B
-2	172-58807-71	.	LINE ASSY, Nose gear down elbow sta 118 to elbow sta 84	1	A
	191-58803-47	.	LINE ASSY, Nose gear down elbow sta 118 to elboe sta 84	1	B
-3	172-58807-69	.	LINE ASSY, Fairing door open union sta 118 to elbow sta 84	1	A
	191-58803-45	.	LINE ASSY, Fairing door open union sta 118 to elbow sta 84	1	B
-4	172-58807-45	.	LINE ASSY, Fairing door closed union sta 118 to union sta 84.	1	A
	191-58803-29	.	LINE ASSY, Fairing door closed union sta 118 to union sta 84.	1	B
-5	AN833-4	.	ELBOW	7	A
	AN833-4D	.	ELBOW	7	B
	AN960D716	.	WASHER	7	
	AN924-4D	.	NUT	7	
-6	AN837-6D	.	ELBOW	1	
	AN960D916	.	WASHER	1	
	AN924-6D	.	NUT	1	
-7	AN837-4D	.	ELBOW	1	A
	AN837-4D	.	ELBOW	1	B
	AN960D716	.	WASHER	1	
	AN924-4D	.	NUT	1	
-8	AN837-4D	.	ELBOW	1	
	AN960D716	.	WASHER	1	
	AN924-4D	.	NUT	1	
-9	AN832-4	.	UNION	5	A
	AN832-4D	.	UNION	5	B
	AN960D716	.	WASHER	5	
	AN924-4D	.	NUT	5	
-10	172-58807-39	.	LINE ASSY, Utility sys return elbow sta 84 to elbow sta 119	1	
-11	172-58807-41	.	LINE ASSY, Utility press. tee sta 122 to elbow sta 84	1	A
	191-58803-25	.	LINE ASSY, Utility press. tee sta 122 to elbow sta 84	1	B
-12	AN837-6D	.	ELBOW	1	
	AN960D916	.	WASHER	1	
	AN924-6D	.	NUT	1	
-13	AN837-8	.	ELBOW	1	A
	AN837-8D	.	ELBOW	1	B
	AN960D1216	.	WASHER	1	
	AN924-8D	.	NUT	1	
-14	172-58807-31	.	LINE ASSY, Emer brake return elbow sta 84 to elbow at 118	1	
-15	172-58807-33	.	LINE ASSY, Emer brake return elbow sta 118 to elbow 127	1	
-16	172-58807-55	.	LINE ASSY, Nose gear up elbow sta 120 to union sta 118	1	A
	191-58803-39	.	LINE ASSY, Hose gear up elbow sta 120 to union sta 118	1	B
-17	172-58807-49	.	LINE ASSY, Nose gear down elbow sta 123 to union sta 118	1	A
	191-58803-33	.	LINE ASSY, Nose gear down elbow sta 123 to union sta 118	1	B
-18	172-58807-53	.	LINE ASSY, Fairing door open elbow sta 121 to union sta 118	1	A
	191-58803-37	.	LINE ASSY, Fairing door open elbow sta 121 to union sta 118	1	B
-19	172-58807-51	.	LINE ASSY, Fairing door closed elbow sta 122 to union sta 118	1	A
	191-58803-35	.	LINE ASSY, Fairing door closed elbow sta 122 to union sta 118	1	B
-20	AN837-6D	.	ELBOW	1	
-21	AN960D916	.	WASHER	1	
-22	2W1V37-26-62	.	WASHER (North American)	1	
-23	AN924-6D	.	NUT	1	
-24	172-58807-61	.	LINE ASSY, Power control return elbow sta 126 to elbow sta 121	1	
-25	172-58807-59	.	LINE ASSY, Utility press. tee sta 122 to elbow sta 128	1	A
	191-58803-41	.	LINE ASSY, Utility press. tee sta 122 to elbow sta 128	1	B
-26	172-58807-35	.	LINE ASSY, Power control press. elbow sta 121 to elbow sta 123	1	A
	191-58803-59	.	LINE ASSY, Power control press. elbow sta 121 to elbow sta 123	1	B
-27	172-58807-57	.	LINE ASSY, Power control press. elbow sta 122 to elbow sta 120	1	A
	191-58803-57	.	LINE ASSY, Power control press. elbow sta 122 to elbow sta 120	1	B
-28	170-58156-3	.	BLOCK, Hydraulic line support fuselage sta 121 RH	1	
-29	170-58156-5	.	BLOCK, Hydraulic line support fuselage sta 121 RH	1	
-30	170-58156-7	.	BLOCK, Hydraulic line support fuselage sta 121 RH	1	
-31	AN3-15A	.	BOLT	1	
-32	AN3-16A	.	BOLT	1	
-33	AN837-6	.	ELBOW	1	A
	AN837-6D	.	ELBOW	1	B
	AN960D1216	.	WASHER	1	
	AN924-6D	.	NUT	1	
-34	172-58801-3		LINE ASSY, Power control return RH gun bay floor to male cross (see figure 81)	Ref	
-35	172-58801-7		LINE ASSY, Power control pressure from bulkhead tee on cylinder port of by-pass valve to gun bay floor RH (see fig. 81)	Ref	

USEABLE ON CODE: A 51-2850 thru 52-4604
B 52-4605 and subs

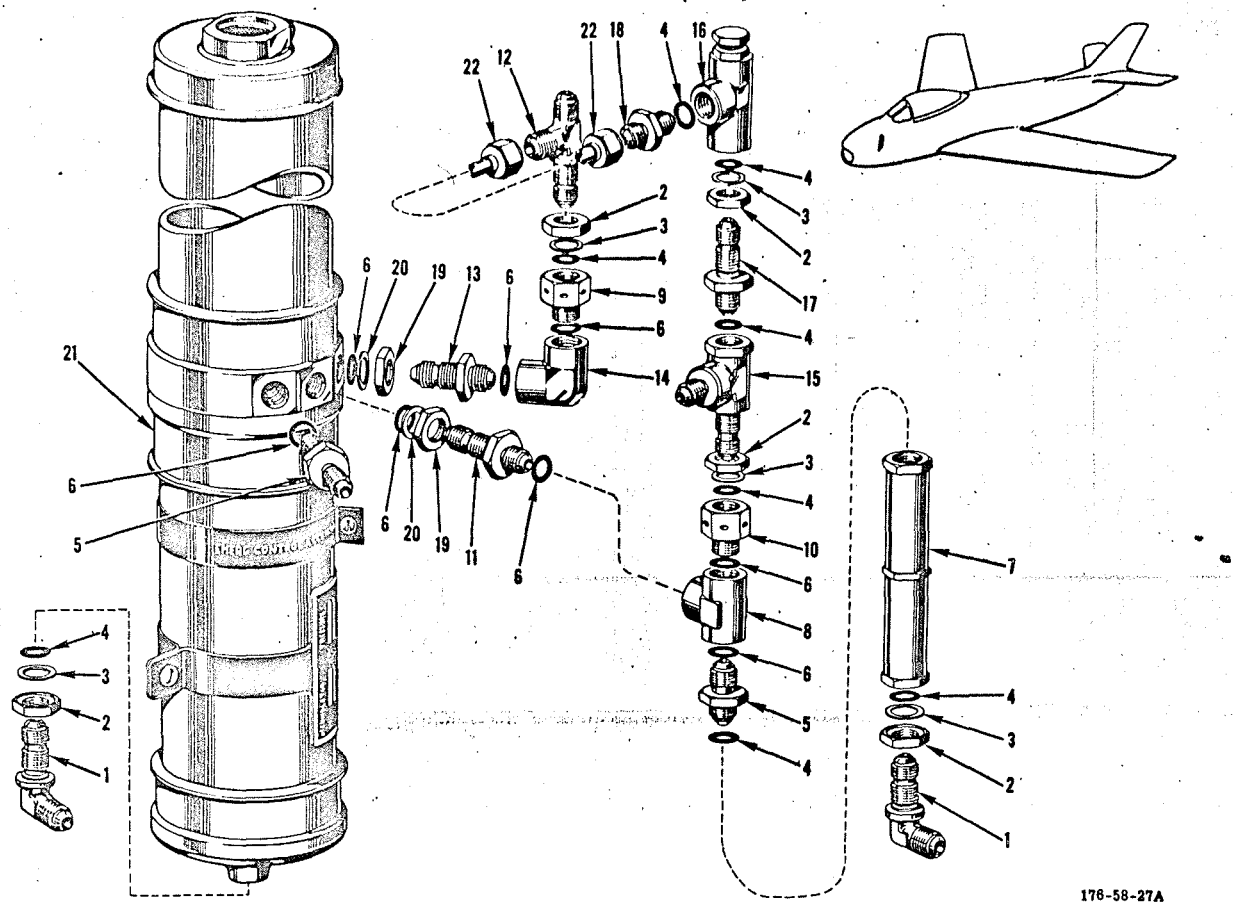
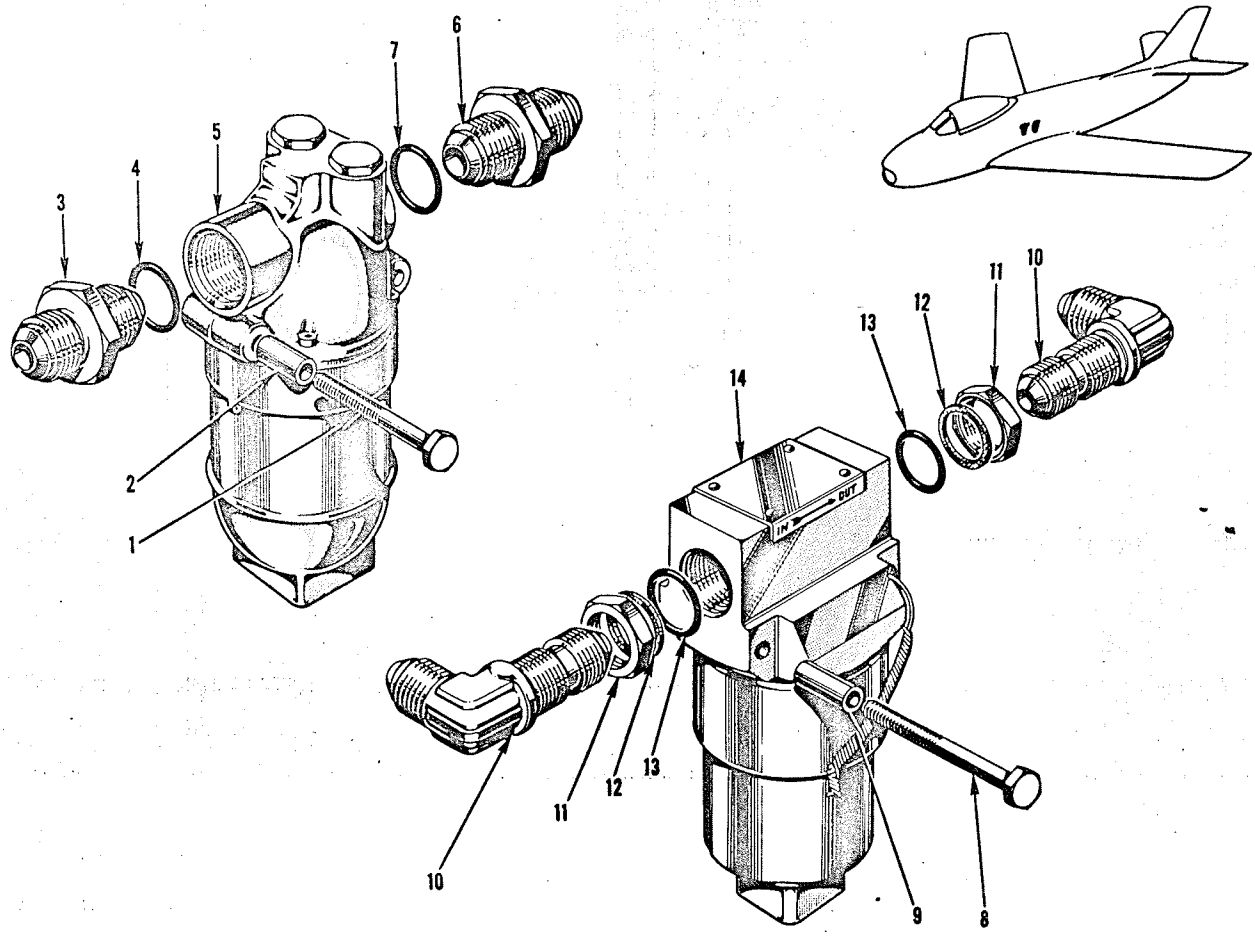


FIGURE 234 - AUXILIARY ALIGHTING GEAR HYDRAULIC EMERGENCY ACCUMULATOR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
234	172-58640	ACCUMULATOR ASSY, Hyd emergency auxiliary alighting gear . . . . extension complete RH (see figure 231 for next assembly)	Ref	A
	172-58640-5	ACCUMULATOR ASSY, Hyd emergency auxiliary alighting gear . . . . extension complete RH (see figure 231 for next assembly)	Ref	B
-1	AN833-4	. ELBOW	2	A
	AN833-4D	. ELBOW	2	B
-2	AN6289-4	. NUT	5	
-3	AN6291-4	. RING	5	A
	5R15-4	. RING	5	B
-4	AN6290-4	. GASKET	8	
-5	AN919-6	. REDUCER	2	A
	AN919-6D	. REDUCER	2	B
-6	AN6290-6	. GASKET	8	
-7	2V6-20	. VALVE ASSY, Hyd two-way restrictor (North American) (use North American 1V7-20-30 until exh) (refer to T.O. 9H8-5-15-4 for bkdn)	1	
-8	AN924-6D	. TEE	1	
-9	AN893-2D	. REDUCER	1	
-10	AN893-2	. REDUCER	1	
-11	AN832-6	. UNION	1	A
	AN832-6D	. UNION	1	B
-12	AN804D4	. TEE	1	
-13	AN832-6D	. UNION	1	
-14	AN927-6D	. ELBOW	1	
-15	AN784-4	. TEE	1	A
	AN784-4D	. TEE	1	B
-16	AN6245B4	. VALVE, Hydraulic thermal expansion relief (intrch with Adel 19890 and Electrol 628)	1	
-17	AN832-4D	. UNION	1	
-18	AN815-4D	. UNION	1	
-19	AN6289-6	. NUT	2	
-20	AN6291-6	. RING	2	A
	5R15-6	. RING	2	B
-21	177-58047-15	. ACCUMULATOR ASSY, Hyd 60 cubic inch self-displacing (refer to T.O. 9H1-2-6-4 for breakdown) (use 165-58047-3 if reworked per T.O. 1F-86-125 or 177-58047, 177-58047-10 or 177-58047-13 until exh)	1	
-22	172-58807-65	. LINE ASSY, Utility system return from thermal relief to tee on emergency nose gear accumulator	1	

USEABLE ON CODE: A 51-2850 thru 52-4604 B 52-4605 and subs



176-58-79

FIGURE 235 - HYDRAULIC SYSTEM AND HYDRAULIC POWER CONTROL PRESSURE SYSTEM COMPLETE FILTER ASSEMBLIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
235		HYDRAULIC SYSTEM AND HYDRAULIC POWER CONTROL PRESSURE SYSTEM COMPLETE FILTER ASSEMBLIES AND ATTACHING PARTS		
	151-58673-3	. FILTER ASSY, Hyd sys complete (see fig. 236 for next assy) . .	Ref	
	ATTACHING PARTS			
-1	AN4-25A	. BOLT	2	
-2	NAS43DD4-10	. SPACER, Bolt (North American)	2	
	---*---			
-3	AN815-8D	. . UNION	1	
-4	AN6290-8	. . GASKET	1	
-5	30018H	. . FILTER, Hyd replaceable element line type (Purolator) (AN6234-3)	1	
-6	AN815-8D	. . UNION	1	
-7	AN6290-8	. . GASKET	1	
	172-58655	. FILTER ASSY, Hydraulic power control pressure system complete (see figure 236 for next assembly)	Ref	A
	172-58655-3	. FILTER ASSY, Hydraulic power control pressure system complete (see figure 236 for next assembly)	Ref	B
	ATTACHING PARTS			
-8	AN4-25A	. BOLT	2	
-9	NAS43DD4-40	. SPACER, Bolt (North American)	2	A
	NAS43DD4-44	. SPACER, Bolt (North American)	2	B
	---*---			
-10	AN833-8D	. . ELBOW	2	
-11	AN6289D8	. . NUT	2	
-12	AN6291-8	. . RING	2	
-13	AN6290-8	. . GASKET	2	
-14	31590	. . FILTER ASSY, Hydraulic replaceable micronic element line type (Purolator) (element AN6235)	1	A
	MS28720-8	. . FILTER ASSY, Hyd micronic line type 500 to 3000 psi (North American) (use 38427 Purolator unt1 exh)	1	B

USEABLE ON CODE: A 51-2850 thru 51-13283, 52-4305 thru 52-4404 B 51-13284 thru 51-13510, 52-4405 and subs

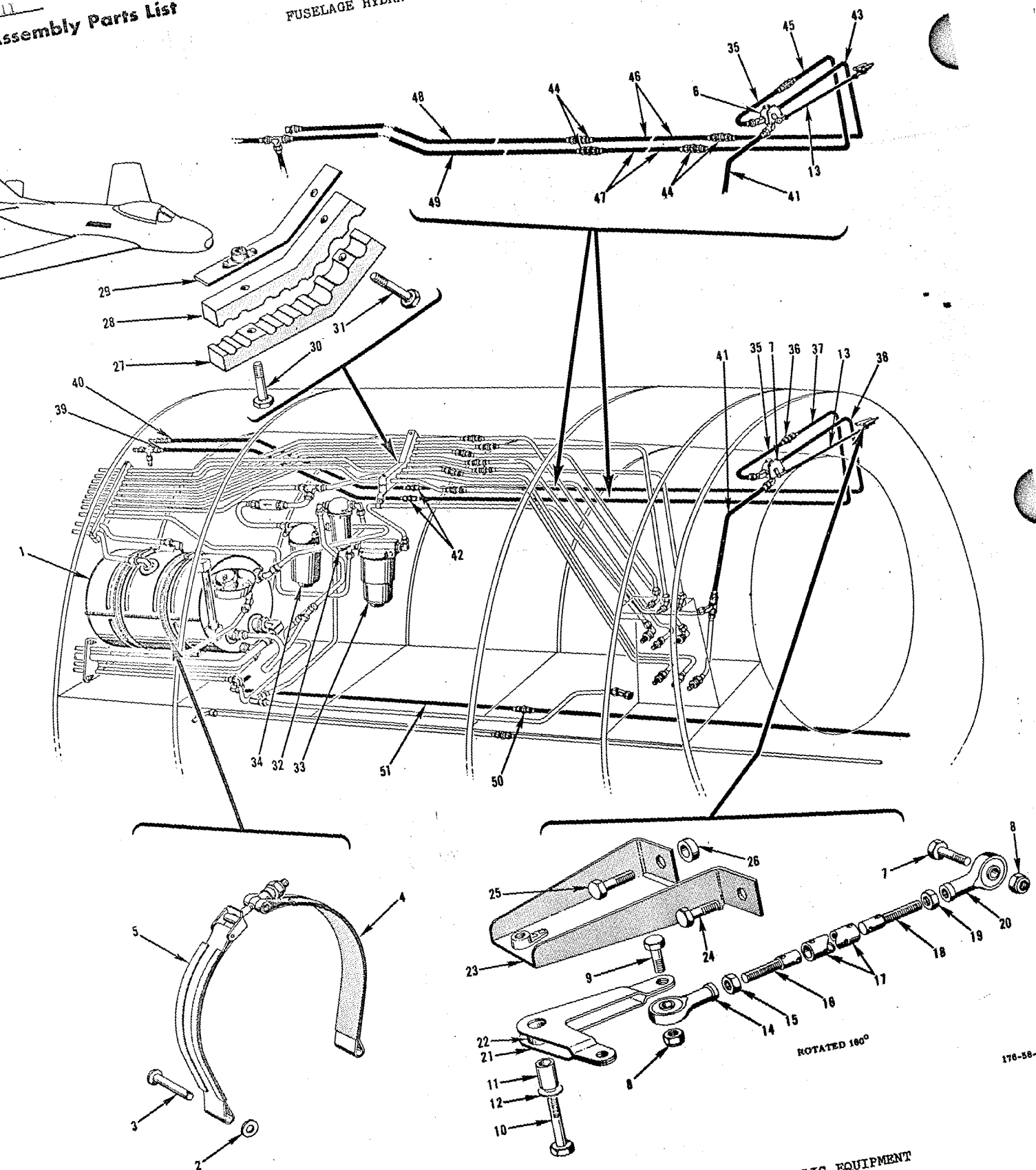


FIGURE 236 - FUSELAGE STATION 133 TO STATION 178 HYDRAULIC EQUIPMENT

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
236	170-58060		HYDRAULIC EQUIPMENT INSTL, Fuselage sta 133 to sta 178 hyd equipment (see figure 108 for next assembly)	NP	
	No Number	.	FUSELAGE STATION 133 TO STATION 178 HYDRAULIC LINES AND FITTINGS RH SIDE, (see fig. 237 for breakdown)	NP	
-1	170-58651-7	.	RESERVOIR ASSY, Hyd (see fig. 238 for breakdown)	1	A
	170-58651-9	.	RESERVOIR ASSY, Hyd (see fig. 238 for breakdown)	1	H
	170-58651-11	.	RESERVOIR ASSY, Hyd (see fig. 238 for breakdown)	1	J
-2	AN960D10L	.	WASHER	4	
-3	AN939-35	.	PIN	4	
-4	41759-10-11.000SH	.	STRAP ASSY, Tank (Marman)	2	
-5	41759-12-11	.	STRAP ASSY, Tank (Marman)	2	
-6	172-58647	.	VALVE ASSY, Hydraulic emergency speed brake dump assemblies (see figure 246 for breakdown)	1	K
-7	AN3-4A	.	BOLT	5	K
-8	AN365-1032	.	NUT	2	K
-9	AN3-6A	.	BOLT	1	K
-10	AN4-11A	.	BOLT	1	K
-11	NAS43DD4-38	.	SPACER, Bolt	1	K
-12	AN960-416	.	WASHER	1	K
-13	151-58366-5	.	ROD ASSY, Hydraulic emergency speed brake dump valve	1	K
-14	FL34-14	. .	BEARING ROD END, (Heim)	1	K
-15	AN316L4	. .	NUT	1	K
-16	151-58388	. .	END, Hydraulic emer speed brake dump valve control rod	1	K
-17	151-58366-7	. .	ROD, Hydraulic emer speed brake dump valve	1	K
-18	151-58376	. .	END, Hydraulic emer speed brake dump valve No. 10 rod	1	K
-19	HF3	. .	BEARING ROD END, (Heim)	1	K
-20	AN315-3R	. .	NUT	1	K
-21	151-58369	.	BELLCRANK ASSY, Hydraulic emergency speed brake dump valve	1	K
-22	151-58370	. .	HUB, Hydraulic emer speed brake dump valve bellcrank	1	K
-23	151-58385	.	BRACKET ASSY, Hydraulic emer speed brake dump valve control	1	K
-24	AN3-6A	.	BOLT	1	K
-25	AN3-7A	.	BOLT	1	K
-26	151-58335	.	SPACER, Hydraulic emer speed brake dump valve bracket	1	K
-27	172-58112-7	.	SUPPORT, Hydraulic fuselage sta 152 line block	1	
-28	172-58112-5	.	SUPPORT, Hydraulic fuselage sta 152 line block	1	
-29	172-58112-9	.	PLATE, Hydraulic fuselage sta 152 line block	1	
-30	AN3-13A	.	BOLT	1	
-31	AN3-16A	.	BOLT	1	
-32	172-58639	.	FILTER ASSY, Brake return complete (see fig. 230 for breakdown and attaching parts)	1	B
	172-58639-3	.	FILTER ASSY, Brake return complete (see fig. 230 for breakdown and attaching parts)	1	A
-33	172-58655	.	FILTER ASSY, Hydraulic power control pressure system complete (see figure 235 for breakdown)	1	C
	172-58655-3	.	FILTER ASSY, Hydraulic power control press. sys complete (see fig. 235 for breakdown and attaching parts)	1	D
-34	151-58673-3	.	FILTER ASSY, Hydraulic system complete (see figure 235)	1	
-35	172-58810-27	.	LINE ASSY, Emer dive brake closed tee on dump valve to union station 123	1	E
	191-58805-31	.	LINE ASSY, Emer dive brake closed tee on dump valve to union station 123	1	M
-36	AN815-8	.	UNION	1	E
	AN815-8D	.	UNION	1	M
-37	172-58810-71	.	LINE ASSY, Emer dive brakes close union sta 123 to sta 150 LH	1	A
-38	172-58810-69	.	LINE ASSY, Emer dive brake close union on dump valve to sta 150 LH	1	A
-39	172-58810-31	.	LINE ASSY, Emer dive brake close union sta 150 to bhd union sta 178 LH	1	A
-40	172-58810-33	.	LINE ASSY, Emer dive brake close union sta 150 to bhd union station 178 LH	1	A
-41	172-58810-17	.	LINE ASSY, Utility return elbow dive brake dump valve sta 125 to cross station 129 LH	1	K
-42	AN815-8	.	UNION	2	A
-43	172-58810-79	.	LINE ASSY, Brake open union on dump valve to union sta 132	1	G
	191-58805-37	.	LINE ASSY, Brake open union on dump valve to union sta 132	1	M
-44	AN815-8	.	UNION	4	G
	AN815-8D	.	UNION	4	M
-45	172-58810-73	.	LINE ASSY, Emer dive brake close union sta 123 to sta 131	1	G
	191-58805-39	.	LINE ASSY, Emer dive brake close union sta 123 to sta 131	1	M
-46	172-58810-81	.	LINE ASSY, Emer dive brake open union sta 132 to sta 164	1	G
	191-58805-41	.	LINE ASSY, Emer dive brake open union sta 132 to sta 164	1	M
-47	172-58810-75	.	LINE ASSY, Emer dive brake close union sta 131 to sta 163	1	G
	191-58805-27	.	LINE ASSY, Emer dive brake close union sta 131 to sta 163	1	M
-48	172-58810-83	.	LINE ASSY, Emer dive brake close union sta 164 to elbow sta 178	1	G
	191-58805-35	.	LINE ASSY, Emer dive brake close union sta 164 to elbow sta 178	1	M
-49	172-58810-77	.	LINE ASSY, Emer dive brake open union sta 163 to tee sta 178.	1	G
	191-58805-33	.	LINE ASSY, Emer dive brake open union sta 163 to tee sta 178.	1	M
-50	AN815-4D	.	UNION	1	
-51	172-58818-41	.	LINE ASSY, LH brake press. union sta 133 to elbow sta 178	1	

USEABLE ON CODE:
A 51-2850 thru 51-13510
B 52-4305 and subs
C 51-2850 thru 51-13283, 52-4305 thru 52-4404
D 51-13284 thru 51-13510, 52-4405 and subs
E 51-2850 thru 52-4604
G 52-4305 thru 52-4604
H 52-4305 thru 52-5063, 52-5272 thru 52-5386
J 52-5064 thru 52-5271, 52-5387 and subs
K 51-2850 thru 52-5063, 52-5272 thru 52-5446
M 52-4605 thru 52-5063, 52-5272 thru 52-5446

FUSELAGE HYDRAULICS (Cont)

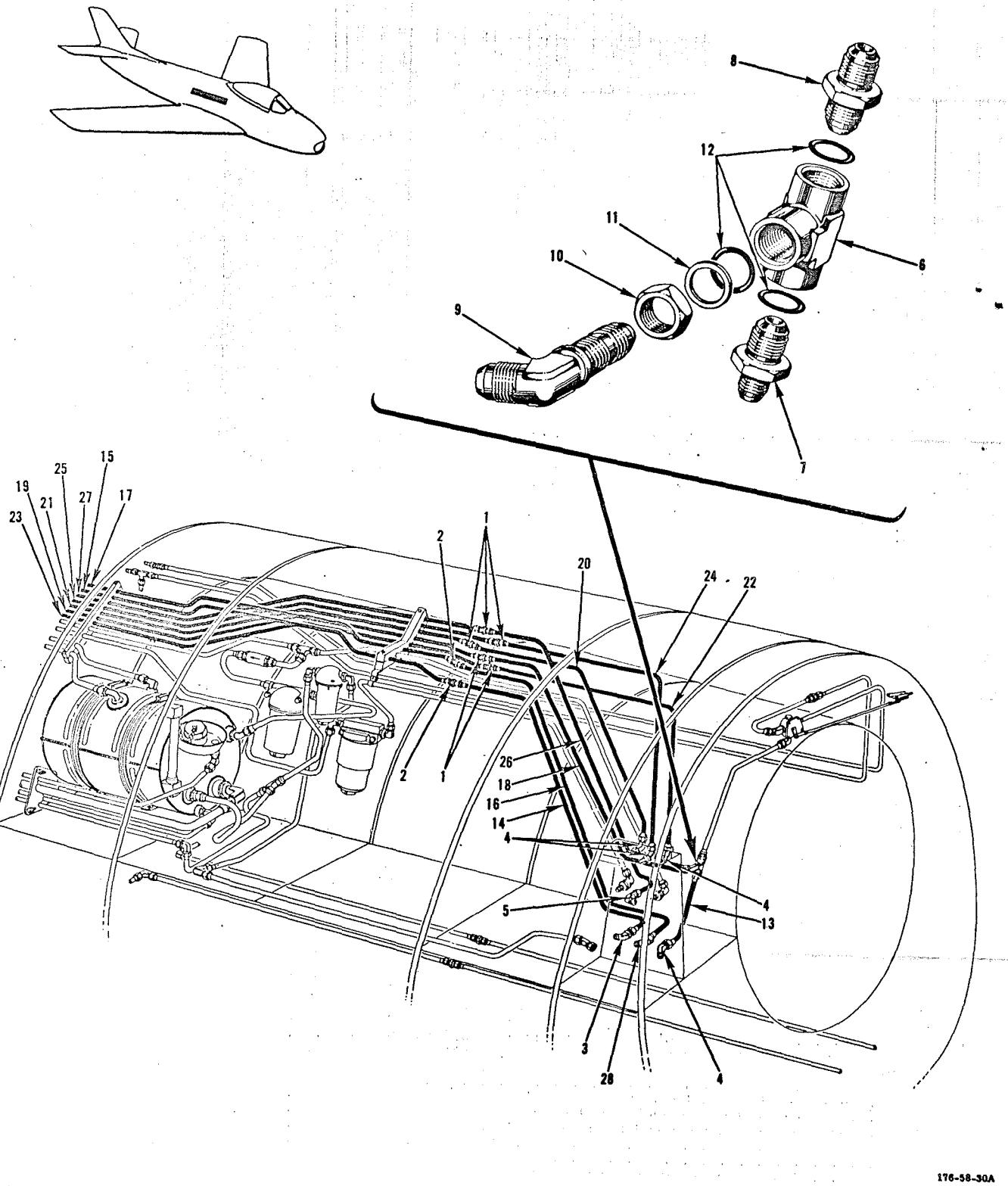
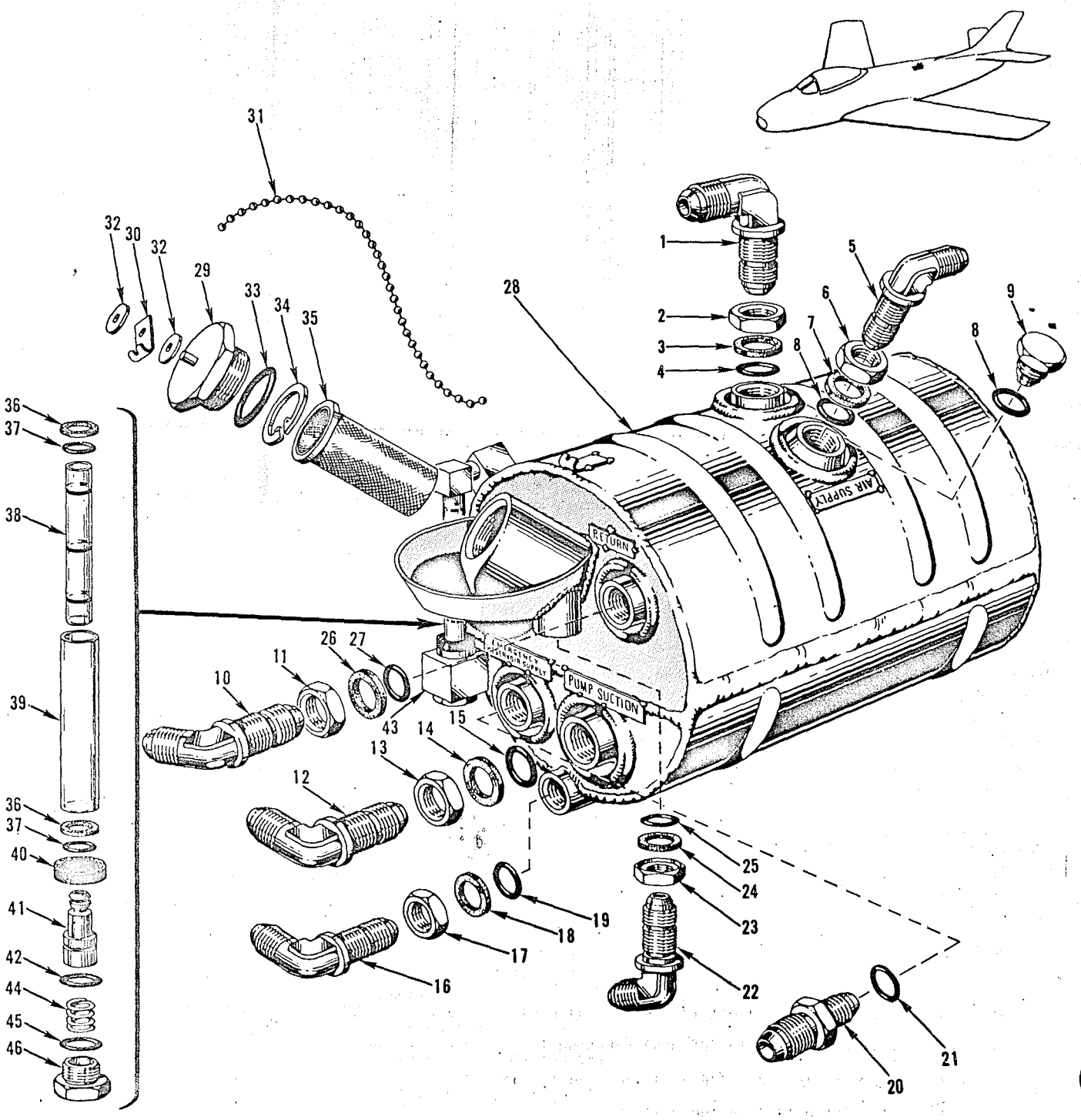


FIGURE 237 - FUSELAGE STATION 133 TO STATION 178 HYDRAULIC LINES ANF FITTINGS RH SIDE

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
237	No Number		FUSELAGE STATION 133 TO STATION 178 HYDRAULIC LINES AND FITTINGS RH SIDE, (see figure 200 for next assembly)	NP	
	No Number	.	FUSELAGE STATION 133 TO STATION 178 HYDRAULIC LINES AND FITTINGS RH SIDE, (cont) (see fig. 251 for breakdown)	NP	
-1	AN815-4	.	UNION	5	A
	AN815-4D	.	UNION	5	B
-2	AN815-6	.	UNION	2	A
	AN815-6D	.	UNION	2	B
-3	AN837-6D	.	ELBOW	1	
-4	AN833-4	.	ELBOW	4	
-5	AN837-4	.	ELBOW	1	
-6	AN926-8D	.	TEE	1	C
-7	AN919-10D	.	REDUCER	1	D
-8	AN815-8D	.	UNION	1	C
-9	AN837-8D	.	ELBOW	1	C
-10	AN6289D8	.	NUT	1	C
-11	AN6291-8	.	RING	1	C
-12	AN6290-8	.	GASKET	3	C
-13	172-58818-25	.	LINE ASSY, Utility return from elbow station 120 to tee station 123	1	C
	191-58811-73	.	LINE ASSY, Utility return from elbow sta 120 to reducer station 123	1	D
-14	172-58818-9	.	LINE ASSY, Power control pressure from 45° elbow sta 123 aft to union station 144	1	A
	191-58805-23	.	LINE ASSY, Flight control pressure from 45° elbow sta 123 aft to union station 144	1	B
-15	172-58810-41	.	LINE ASSY, Power control pressure from union station 144 aft to union station 181	1	A
	191-58805-25	.	LINE ASSY, Flight control pressure from union station 144 aft to union station 181	1	E
	191-58805-55	.	LINE ASSY, Flight control pressure from union fus sta 144 to union fus sta 181	1	G
-16	172-58818-11	.	LINE ASSY, Power control return from 45° elbow aft to union fuselage station 147	1	
-17	172-58810-39	.	LINE ASSY, Power control return from union station 147 aft to union station 181	1	F
	191-58805-53	.	LINE ASSY, Flight control return from union fus sta 147 to union fus sta 185	1	G
-18	172-58818-35	.	LINE ASSY, Nose gear up elbow station 120 to union station 144	1	A
	191-58805-17	.	LINE ASSY, Nose gear up elbow station 120 to union station 144	1	B
-19	172-58810-53	.	LINE ASSY, Nose gear up union station 144 to union station 182	1	A
	191-58805-5	.	LINE ASSY, Nose gear up union station 144 to union station 182	1	B
-20	172-58818-33	.	LINE ASSY, Nose gear down elbow sta 123 to union sta 146	1	A
	191-58805-15	.	LINE ASSY, Nose gear down elbow sta 123 to union sta 146	1	B
-21	172-58810-51	.	LINE ASSY, Nose gear down union sta 146 to union sta 181	1	A
	191-58805-3	.	LINE ASSY, Nose gear down union sta 146 to union sta 181	1	B
-22	172-58818-37	.	LINE ASSY, Fairing door open elbow sta 121 to union sta 144	1	A
	191-58805-19	.	LINE ASSY, Fairing door open elbow sta 121 to union sta 144	1	B
-23	172-58810-57	.	LINE ASSY, Fairing door open union sta 144 to union sta 182	1	A
	191-58805-9	.	LINE ASSY, Fairing door open union sta 144 to union sta 182	1	B
-24	172-58818-39	.	LINE ASSY, Fairing door closed elbow sta 123 to union sta 146	1	A
	191-58805-21	.	LINE ASSY, Fairing door closed elbow sta 123 to union sta 146	1	B
-25	172-58810-55	.	LINE ASSY, Fairing door closed union sta 146 to union sta 182	1	A
	191-58805-7	.	LINE ASSY, Fairing door closed union sta 146 to union sta 182	1	B
-26	172-58818-31	.	LINE ASSY, Utility pressure tee sta 123 to union sta 146	1	A
	191-58805-13	.	LINE ASSY, Utility pressure tee sta 123 to union sta 146	1	B
-27	172-58818-23	.	LINE ASSY, Utility pressure union sta 146 to union sta 180	1	A
	191-58805-1	.	LINE ASSY, Utility pressure union sta 146 to union sta 180	1	B
-28	AN837-6	.	ELBOW	1	

USEABLE ON CODE:
A 51-2850 thru 52-4604
B 52-4605 and subs
C 51-2850 thru 52-5063 & 52-5272 thru 52-5446
D 52-5064 thru 52-5271 & 52-5447 and subs
E 52-4605 thru 55-3932
F 51-2850 thru 55-3932
G 55-3933 and subs



176-58-4A

FIGURE 238 - HYDRAULIC UTILITY SYSTEM RESERVOIR ASSEMBLY

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
238	170-58651-7	RESERVOIR ASSEMBLY. Hydraulic utility system complete (see figure 236 for next assembly)	Ref	A
	170-58651-9	RESERVOIR ASSEMBLY. Hydraulic utility system complete (see figure 236 for next assembly)	Ref	B
	170-58651-11	RESERVOIR ASSY, Hydraulic utility system complete (see figure 236 for next assembly)	Ref	C
-1	AN833-6D	. ELBOW	1	
-2	AN6289D6	. NUT	1	
-3	AN6291-6	. RING	1	
	5R15-6	. RING (used on 170-58651-11 only)	1	C
-4	AN6290-6	. GASKET	1	
-5	AN833-4D	. ELBOW, (used on 170-58651-7)	1	A
-6	AN6289D4	. NUT, (used on 170-58651-7)	1	A
-7	AN6291-4	. RING, (used on 170-58651-7)	1	A
	5R15-4	. RING (used on 170-58651-11 only)	1	C
-8	AN6290-4	. GASKET	1	
-9	AN814-4D	. PLUG, (used on 170-58651-9 & -11 only)	1	C,B
-10	AN837-8D	. ELBOW	1	
-11	AN6289-8D	. NUT	1	
-12	AN833-12D	. ELBOW	1	
-13	AN6289D12	. NUT	1	
-14	AN6291-12	. RING	1	
-15	AN6290-12	. GASKET	1	
-16	AN833-6D	. ELBOW	1	
-17	AN6289D6	. NUT	1	
-18	AN6291-6	. RING	1	
-19	AN6290-6	. GASKET	1	
-20	AN919-12D	. REDUCER	1	
-21	AN6290-8	. GASKET	1	
-22	AN837-4D	. ELBOW	1	
-23	AN6289D4	. NUT	1	
-24	AN6291-4	. RING	1	
-25	AN6290-4	. GASKET	1	
-26	AN6291-8	. RING	1	
-27	AN6290-8	. GASKET	1	
	170-58051-3	. RESERVOIR ASSEMBLY, Hydraulic system	1	A,B
	170-58051-5	. RESERVOIR ASSEMBLY, Hydraulic system	1	C
-28	170-58202-3	. . SHELL ASSY, Hydraulic utility system reservoir	1	
	161-58258	. . CAP ASSEMBLY, Hydraulic system reservoir	1	
-29	161-58257	. . . PLUG, Hydraulic system reservoir	1	
-30	161-58258-3	. . . CLIP, Ball chain attaching	1	
-31	9C1-1-5	. . . CHAIN, Safety and bead (North American)	1	
-32	2W1-10-14-40	. . . WASHER, Plain (North American)	2	
-33	AN6227-26	. . PACKING	1	
-34	NAS50-137	. . RING, Internal retainer	1	
-35	151-58194	. . STRAINER ASSY, Hydraulic system reservoir filler	1	
-36	2W1SR16-16-62	. . WASHER, Plain (North American)	2	
-37	AN6227-3	. . PACKING	2	
-38	170-58237	. . GLASS, Hydraulic utility reservoir sight gage	1	A,B
	170-58237-3	. . GLASS, Hydraulic utility reservoir sight gage	1	C
-39	170-58247	. . SHIELD, Hydraulic utility reservoir sight gage	1	
-40	2W1R29-28-250	. . WASHER, Plain (North American)	1	
-41	170-58241	. . RETAINER, Hydraulic reservoir sight gage glass	1	
-42	AN6227-7	. . PACKING	1	
-43	170-58240	. . FITTING, Hydraulic reservoir sight gage bottom	1	
-44	161-58827	. . SPRING, Compression	1	
-45	AN6290-8	. . GASKET	1	
-46	AN814-8D	. . PLUG AND BLEEDER	1	

USEABLE ON CODE:
A 51-2850 thru 51-13510
B 52-4305 thru 52-5063 and 52-5272 thru 52-5386
C 52-5064 thru 52-5271
52-5387 and subs

FUSELAGE HYDRAULICS (Cont)

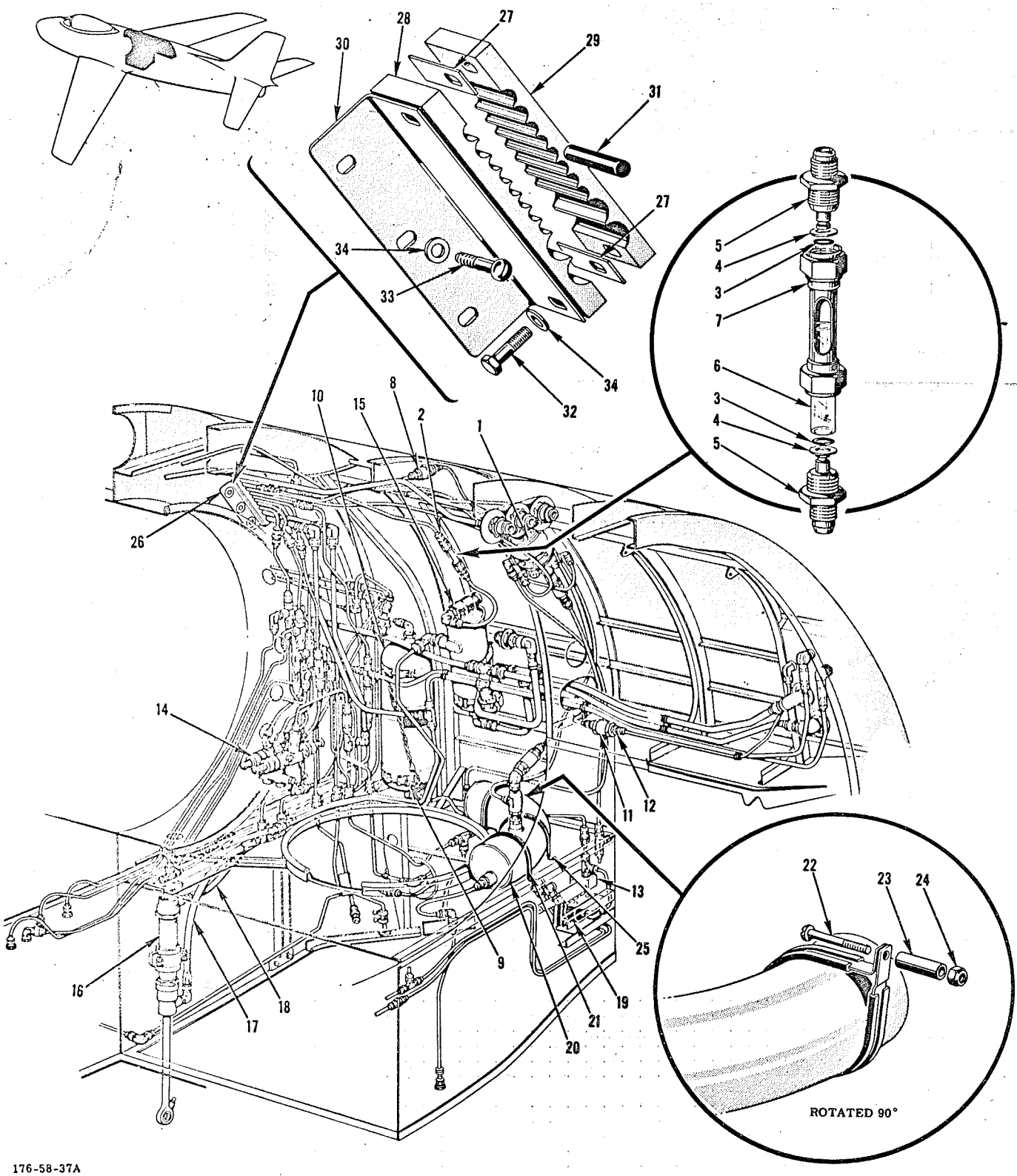


FIGURE 239 - FUSELAGE STATION 178 TO STATION 236 HYDRAULIC EQUIPMENT RH SIDE

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
239	172-58064		HYDRAULIC EQUIPMENT INSTALLATION, Fus sta 178 to 236 RH side . . (see figure 108 for next assembly)	NP	
	No Number	.	FUSELAGE STATION 190.09 to 236 HYDRAULIC LINES AND FITTINGS . RH, (see figure 241 for breakdown)	NP	
	No Number	.	FUSELAGE WHEEL WELL HYDRAULIC LINES AND FITTINGS RH SIDE, . . (see figure 242 for breakdown)	NP	
	No Number	.	FUSELAGE STATION 178 TO 190.09 HYDRAULIC LINES RH SIDE, . . . (see figure 240 for breakdown)	NP	
	No Number	.	FUSELAGE STATION 178 TO 190.09 MISCELLANEOUS HYDRAULIC . . . FITTINGS RH SIDE, (see figure 243 for breakdown)	NP	
	No Number	.	FUSELAGE STATION 178 TO 190.09 HYDRAULIC LINES AND FITTINGS . (see figure 244 for breakdown)	NP	B,D
-1	172-58652-10	.	REGULATOR ASSY, Hyd reservoir utility complete (use 172-58652-5 untl exh)(see fig. 247 for breakdown & attaching parts)	1	C
	191-58652	.	REGULATOR ASSY, Hyd reservoir utility complete (see figure . 247 for breakdown and attaching parts)	1	D
-2	165-58300	.	GAGE ASSEMBLY, Hydraulic power control air purge sight . . .	1	
-3	AN6227-3	.	. PACKING	2	
-4	2W1R16-16-62	.	. WASHER, Plain (North American)	2	
-5	165-58321	.	. FITTING, Hydraulic power control air purge sight	2	
-6	165-58325	.	. GLASS, Hydraulic flight control air purge sight	1	
-7	165-58322	.	. TUBE ASSY, Hydraulic power control air purge sight	1	
-8	37808	.	FILTER ASSY, Hydraulic (Purolator)	1	
-9	U12-625-5.594S *1	.	CLAMP, (National Utility) (intrch with Marman 325-625-5.594S)	2	
-10	170-58640 *1	.	ACCUMULATOR ASSY, Hyd 200 cubic inch complete (see figure . . 249 for breakdown)	1	E
	170-58640-10 *1	.	ACCUMULATOR ASSY, Hyd 200 cubic inch complete (see figure . . 249 for breakdown)	1	J
-11	4-2020-77	.	VALVE ASSY, Hydraulic check (Parker)	1	
-12	AN919-6D	.	REDUCER	1	
	AN6290-6	.	GASKET	1	
-13	170-58643-2 *1	.	VALVE ASSY, Hydraulic accumulator air mount complete RH . . . (see figure 271 for breakdown)	1	E
	170-58643-6 *1	.	VALVE ASSY, Hydraulic accumulator air mount complete RH . . . (see figure 271 for breakdown)	1	J
-14	172-58678-20	.	VALVE ASSY, Hyd alighting gear and fairing door sel complete RH (use 172-58678-10 untl exh) (see fig. 248 for breakdown and attaching parts)	1	E
	172-58678-30	.	VALVE ASSY, Hyd alighting gear fairing door sel complete RH . (see fig. 248 for breakdown and attaching parts)	1	F
-15	172-58638-3	.	RESERVOIR ASSY, Hyd flight control sys complete (see fig. 214 for breakdown and attaching parts)	1	A
	172-58638-5	.	RESERVOIR ASSY, Hyd flight control sys complete (see fig. 214 for breakdown and attaching parts)	1	G
	172-58638-7	.	RESERVOIR ASSY, Hydraulic flight control sys complete (see . figure 214 for breakdown and attaching parts)	1	H
-16	151-58641-6	.	CYLINDER ASSY, Hyd main LG fairing door complete (see fig. . 260 for breakdown and attaching parts)	1	E
	151-58641-12	.	CYLINDER ASSY, Hyd main LG fairing door complete (use . . . . 151-58641-8 untl exh) (see fig. 260 for breakdown and attaching parts)	1	F
-17	3H3-4-14	.	HOSE ASSY, Plastic covered (North American) (altered from AN6271)	1	
-18	3H3-4-12	.	HOSE ASSY, Plastic covered (North American) (altered from AN6271)	1	
-19	170-58639-4 *1	.	GAGE ASSY, Hyd accumulator air press. complete sta 204.5 . . canted RH (see figure 252 for bkdn and attaching parts)	1	E
	170-58639-8 *1	.	GAGE ASSY, Hyd accumulator air press. complete sta 204.5 . . canted RH (see figure 252 for bkdn and attaching parts)	1	J
-20	170-58650-5	.	RESERVOIR ASSY, Hyd air storage complete . . . . . (see figure 253 for breakdown)	1	
-21	AN742D50C	.	CLAMP	3	
-22	AN520-10R8	.	SCREW	1	A
-23	NAS43DD3-36	.	SPACERS, Screw and bolt	1	A
-24	AN365-1032	.	NUT	1	A
-25	AN520-10R10	.	SCREW	2	A
	AN365-1032	.	NUT	2	A
	AN520-10R10	.	SCREW	3	B
	AN365-1032	.	NUT	3	B
-26	172-58215	.	SUPPORT ASSY, Hydraulic lines fuselage station 178	1	C
	172-58215-3	.	SUPPORT ASSY, Hydraulic lines fuselage station 178	1	D
-27	172-58206-7	.	. BLOCK, Hydraulic lines fus 178 support	2	
-28	172-58206-5	.	. BLOCK, Hydraulic lines fus 178 support	1	
-29	172-58206-3	.	. BLOCK, Hydraulic lines fus 178 support	1	
-30	172-58207	.	. ANGLE, Hydraulic lines fus 178 support	1	
-31	172-58206-9	.	. PLUG, Hydraulic lines fus 178 support	1	D
-32	AN3-13A	.	BOLT	2	
-33	AN520-10R8	.	SCREW	3	
-34	AN960-10L	.	WASHER	5	

*1 Parts marked thus not used on airplanes modified in accordance wth T. O. 1F-86-226.

USEABLE ON CODE:
A 51-2850 thru 51-2927
B 51-2928 thru 51-13510
C 51-2850 thru 51-13510
D 52-4305 and subs
E 51-2850 thru 52-4604
F 52-4605 and subs
G 51-2928 thru 51-13397
H 51-13398 and subs
J 52-4605 thru 52-5386, 52-5272 thru 52-5386

FUSELAGE HYDRAULICS (Cont)

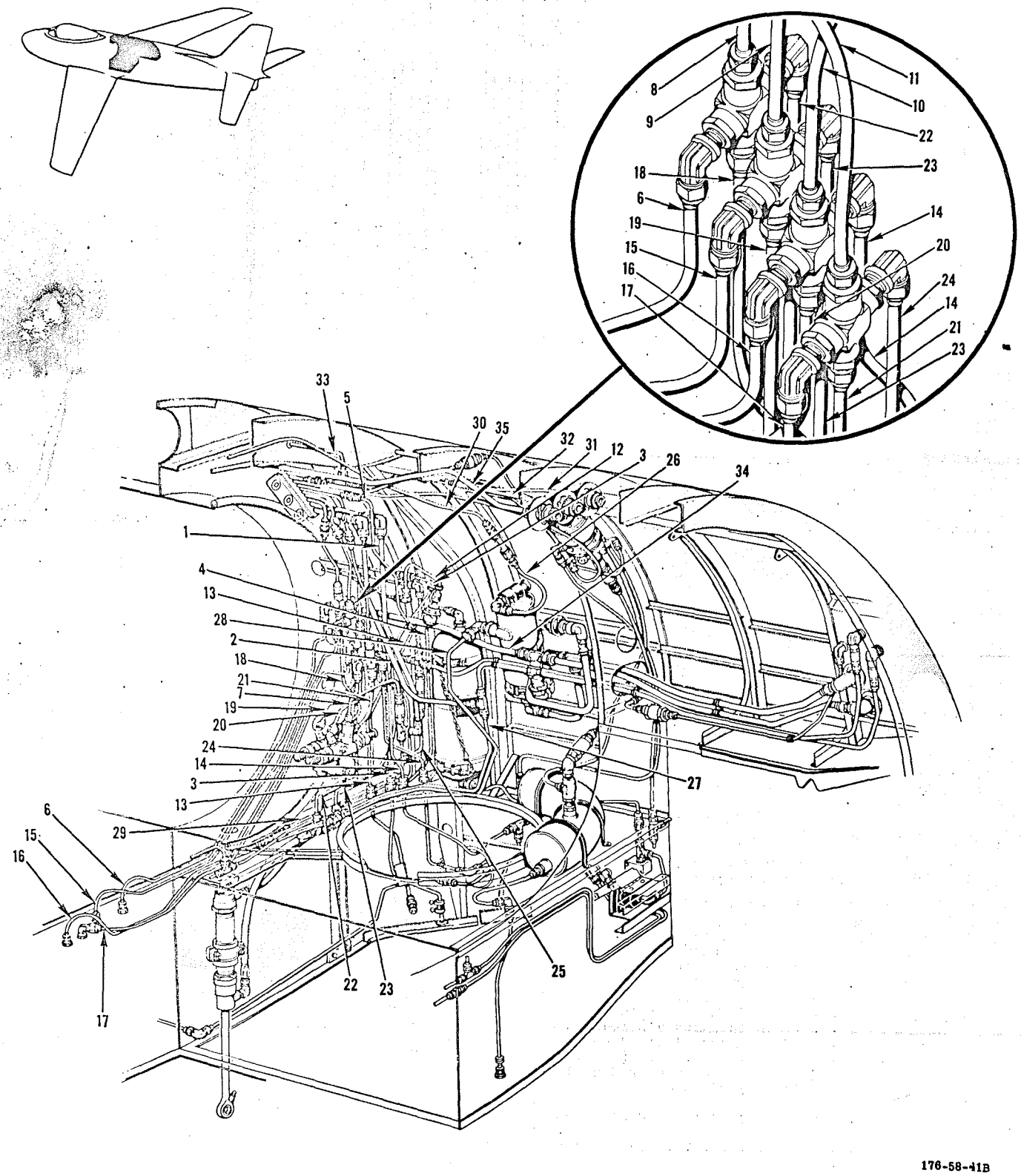


FIGURE 240 - FUSELAGE STATION 178 TO 190.09 HYDRAULIC LINES AND FITTINGS RH SIDE

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
240	No Number		FUSELAGE STATION 178 TO 190.09 HYDRAULIC LINES RH SIDE . . . . . (see figure 239 for next assembly)	NP	
-1	172-58813-53		. LINE ASSY, Utility return from check valve on LG selector . . valve to tee sta 183	1	
-2	172-58813-51		. LINE ASSY, Flight control press. tee sta 190 to elbow sta 183.	1	A
	172-58806-15		. LINE ASSY, Flight control press. tee sta 190 to elbow sta 183.	1	B
	191-58809-13		. LINE ASSY, Flight control press. tee sta 190 to elbow sta 183.	1	C
-3	172-58814-49		. LINE ASSY, Utility reservoir scupper drain reducer sta . . . . 184 to union sta 182	1	
-4	172-58815-21	*1	. LINE ASSY, System press. elbow on accumulator to tee sta 181 .	1	A,B
	191-58809-21	*1	. LINE ASSY, System press. elbow on accumulator to tee sta 181 .	1	H
-5	172-58814-21		. LINE ASSY, Utility press. cross sta 183 to union sta 179 . . .	1	A,B
	191-58809-35		. LINE ASSY, Utility press. cross sta 183 to union sta 179 . . .	1	C
-6	176-58817-9		. LINE ASSY, Fairing door close from cross sta 180 to elbow . . on floor sta 180 1/2	1	A
-7	172-58814-55		. LINE ASSY, Utility return from landing gear selector valve . . to check valve	1	A
-8	172-58810-63		. LINE ASSY, Fairing door close cross sta 183 to union sta 182 .	1	A
-9	172-58810-65		. LINE ASSY, Fairing door open, cross sta 181 to union sta 182 .	1	A
-10	172-58810-61		. LINE ASSY, Landing gear down cross sta 182 to union sta 182 .	1	A
-11	172-58810-59		. LINE ASSY, Landing gear up cross sta 183 to union sta 182 . .	1	A
-12	172-58810-49		. LINE ASSY, Pump case drain from elbow sta 181 to union at . . engine disconnect	1	
-13	172-58814-25		. LINE ASSY, Reservoir drain from elbow sta 179 to union at . . floor station 180	1	
-14	172-58813-75		. LINE ASSY, Landing gear down from cross sta 182 to union on . floor station 180	1	A
-15	176-58817-11		. LINE ASSY, Fairing door open from cross sta 181 to elbow on . floor station 181	1	A
-16	176-58817-13		. LINE ASSY, Landing gear down from cross sta 183 to union on . floor station 181 1/2	1	A
-17	176-58817-15		. LINE ASSY, Landing gear up from cross sta 183 to elbow on . . floor station 182 1/2	1	A
-18	172-58813-63		. LINE ASSY, Fairing door close from sel valve to cross sta 180.	1	A
-19	172-58813-65		. LINE ASSY, Fairing door open from sel valve to cross sta 181 .	1	A
-20	172-58813-67		. LINE ASSY, Landing gear down from sel valve to cross sta 182 .	1	A
-21	172-58813-69		. LINE ASSY, Landing gear up from sel valve to cross sta 183 . .	1	A
-22	172-58813-71		. LINE ASSY, Fairing door close from cross sta 180 to elbow . . on floor station 181	1	A
-23	172-58813-73		. LINE ASSY, Fairing door open from cross sta 181 to elbow on . floor station 180	1	A
-24	172-58813-77		. LINE ASSY, Landing gear up, cross sta 183 to union on floor .	1	A
-25	172-58813-61		. LINE ASSY, Utility press. from reservoir to elbow on . . . . . landing gear selector valve	1	A
-26	172-58813-35		. LINE ASSY, Flight control return vent from elbow on reservoir to sight gage station 190	1	
-27	172-58814-31		. LINE ASSY, Flight control pressure from union sta 184 to . . . tee sta 190	1	A
-28	172-58814-33		. LINE ASSY, Flight control return from union sta 185 to . . . . elbow on reservoir	1	A
-29	172-58813-57		. LINE ASSY, Utility pressure cross sta 183 to union sta 179 . .	1	F
	172-58805-65		. LINE ASSY, Utility pressure cross sta 183 to union sta 179 . .	1	G
	191-58809-69		. LINE ASSY, Utility pressure cross sta 183 to union sta 179 . .	1	C
-30	172-58815-13		. LINE ASSY, Flight control return from sight gage sta 190 . . . to union sta 185	1	D
	172-58818-53		. LINE ASSY, Flight control return from sight gage sta 190 . . . to union sta 185	1	E
-31	172-58815-17		. LINE ASSY, Flight control return from disconnect sta 215 . . . to tee sta 183	1	
-32	172-58815-19		. LINE ASSY, Flight control pressure from union station 183 . . to disconnect station 215	1	A,B
	191-58809-45		. LINE ASSY, Flight control pressure from union station 183 . . to disconnect station 215	1	C
-33	172-58805-43		. LINE ASSY, Power control return from tee RH station 183 to . . union LH station 181	1	
-34	172-58810-47		LINE ASSY, Pump suction from tee sta 192 to res (see fig. 237) .	Ref	
-35	172-58815-61		LINE ASSY, Speed brake close from tee sta 181 LH to disconnect . station 215 RH (see figure 256)	Ref	

See figure 243 for the hydraulic fittings connecting these lines

*1 Parts marked thus not used on airplanes modified in accordance with T. O. 1F-86-226.

USEABLE ON CODE:
A 51-2850 thru 51-2927
B 51-2928 thru 52-4604
C 52-4605 and subs
D 51-2850 thru 51-2929, 51-13070 thru 51-13089
E 51-2930 thru 51-12976, 51-13090 and subs
F 51-2850 thru 51-12969, 51-13070 thru 51-13089
G 51-12970 thru 51-12976, 51-13090 thru 52-4604
H 52-4605 thru 52-5063, 52-5272 thru 52-5386

FUSELAGE HYDRAULICS (Cont)

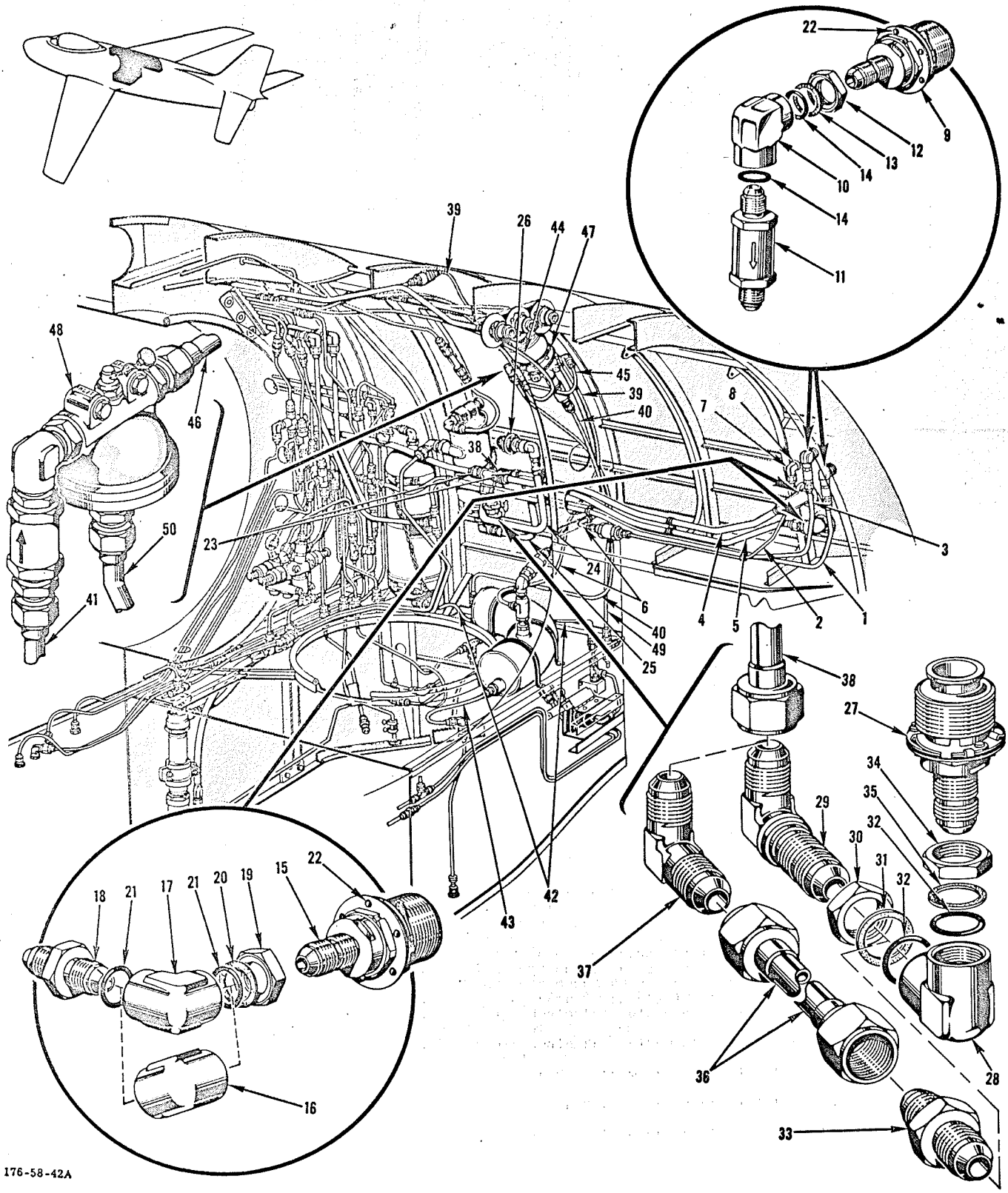


FIGURE 241 - FUSELAGE STATION 190 TO STATION 236 AND WHEEL WELL HYDRAULIC LINES ANF FITTINGS

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
241	No Number	FUSELAGE STATION 190.09 TO 236 HYDRAULIC LINES AND FITTINGS RH SIDE, (see fig. 239 for next assy)	NP	
-1	172-58813-5	. LINE ASSY, Utility pressure from check valve sta 230	1	E
	191-58809-15	. LINE ASSY, Utility pressure from check valve sta 230	1	N
	191-58809-91	. LINE ASSY, Utility pressure from sta 230 to sta 183	1	P
-2	172-58815-9	. LINE ASSY, Reservoir air press. from sta 210 to reservoir	1	
-3	172-58813-3	. LINE ASSY, Flight control pressure from sta 230 to sta 190	1	A
	172-58806-25	. LINE ASSY, Flight control press. from sta 230 to sta 190	1	G
	191-58809-19	. LINE ASSY, Flight control pressure from sta 230 to sta 190	1	F
-4	172-58813-9	. LINE ASSY, Flight control suction tee sta 195 to elbow sta 230	1	
-5	172-58813-11	. LINE ASSY, Utility suction tee sta 195 to elbow sta 230	1	
-6	172-58813-15	. LINE ASSY, Reservoir air pressure from check valve sta 210 to tee on reservoir	1	
-7	AN833-4D	. ELBOW	1	
	AN924-4D	. NUT	1	
-8	157-58414	. CAP ASSY, Disconnect panel air pressurizing	1	
	157-58532	. . CAP, Hydraulic fitting	1	
	157-58413	. . LINK, Hyd disconnect panel air pressurizing cap retaining	1	
-9	155S11-8	. FITTING, Disconnect (Aeroquip)	2	
-10	AN927-8D	. ELBOW	2	
-11	12-347-5	. VALVE, 3000 psi hyd check (Parker Aircraft) (AN6249D8)	2	
-12	AN6289D8	. NUT	2	
-13	AN6291-8	. RING	2	
-14	AN6290-8	. GASKET	4	
-15	155S11-12	. FITTING, Disconnect (Aeroquip)	2	
-16	AN928-12D	. ELBOW, (used with 172-58813-9 line assy)	1	
-17	AN927-12D	. ELBOW, (used with 172-58813-11 line assy)	1	
-18	AN815-12D	. UNION	2	
-19	AN6289D12	. NUT	2	
-20	AN6291-12	. RING	2	
-21	AN6290-12	. GASKET	4	
-22	AN520-10R7	. SCREW	12	
	AN365-1032	. NUT	12	
-23	AN824-12D	. TEE	2	
-24	172-58814-51	. LINE ASSY, Utility suction tee sta 193 to elbow sta 203	1	
-25	172-58813-59	. LINE ASSY, Flight cont suction elbow on res to tee sta 195	1	A,B
	172-58806-39	. LINE ASSY, Flight cont suction elbow on res to tee sta 195	1	K,N
	191-58809-89	. LINE ASSY, Flight cont suction elbow on res to tee sta 195	1	P
-26	155S2-12	. FITTING, Disconnect (Aeroquip)	2	
	AN815-12D	. UNION	1	
	AN927-12D	. ELBOW	1	
	AN6289D12	. NUT	1	
	AN6291-12	. RING	1	
	AN6290-12	. GASKET	2	
-27	155S2-12	. FITTING, Disconnect (Aeroquip)	1	
-28	AN927-12D	. ELBOW	1	
-29	AN833-12D	. ELBOW	1	H
-30	AN6289D12	. NUT	1	H
-31	AN6291-12	. RING	1	H
-32	AN6290-12	. GASKET	2	
-33	AN815-12D	. UNION	1	J
-34	AN6289D12	. NUT	1	
-35	AN6291-12	. RING	1	
-36	172-58818-79	. LINE ASSY, Flight cont suction, elbow to elbow at disc sta 205	1	J
-37	AN821-12D	. ELBOW	1	J
-38	172-58814-53	. LINE ASSY, Flight suction from tee sta 198 to elbow sta 195	1	
-39	172-58815-15	. LINE ASSY, Air press. filter sta 204 to check valve on storage bottle	1	
-40	172-58813-29	. LINE ASSY, Air press. elbow on bottle to valve on regulator	1	A
	172-58806-37	. LINE ASSY, Air press. elbow on bottle to valve on regulator	1	B
	176-58801-5	. LINE ASSY, Air press. elbow on bottle to valve on regulator	1	K
-41	172-58805-55	. LINE ASSY, Air press. elbow on bottle to valve on regulator	1	D
-42	172-58813-25	*1 . LINE ASSY, Accumulator air pressure from elbow on floor station 205 to elbow on accumulator	1	A
	172-58806-35	*1 . LINE ASSY, Accumulator air pressure elbow on floor station 205 to elbow on accumulator	1	G
	191-58809-25	*1 . LINE ASSY, Accumulator air pressure elbow on floor station 205 to elbow on accumulator	1	L
-43	172-58813-17	. LINE ASSY, Air press. drain union on bottle to elbow on floor station 206	1	
-44	172-58815-11	. LINE ASSY, Reservoir air press. elbow on reg to union sta 183	1	M
-45	172-58813-33	. LINE ASSY, Utility return vent union sta 186 to elbow on reg	1	C
-46	172-58805-57	. LINE ASSY, Utility return vent union sta 183 to elbow on reg	1	D
-47	172-58652-10	REGULATOR ASSY, Hyd reservoir utility (see fig. 247)	Ref	
-48	191-58652	REGULATOR ASSY, Hyd reservoir utility (see fig. 247)	Ref	
-49	172-47202-21	LINE ASSY, Hydraulic regulator vent to tee (see fig. 448)	Ref	
-50	172-47202-41	LINE ASSY, Hydraulic regulator vent to tee (see fig. 448)	Ref	

*1 Parts marked thus not used on airplanes modified in accordance with T. O. 1F-86-226.

USEABLE ON CODE:

A 51-2850 thru 51-2927
B 51-2928 thru 51-12976, 51-13070 thru 51-13397
C 51-2850 thru 51-13510
D 52-4305 and subs
E 51-2850 thru 52-4604
F 52-4605 and subs
G 51-2928 thru 52-4604
H 51-2850 thru 51-12969
J 51-12970 and subs
K 51-13398 thru 51-13510
L 52-4605 thru 52-5063 and 52-5272 thru 52-5386
M 51-2850 thru 51-13510 (except on airplanes 51-13491, 51-13494, 51-13495, 51-13499, 51-13501 thru 51-13503 and 51-13505)
N 52-4605 thru 55-3850
P 55-3851 and subs

FUSELAGE HYDRAULICS (Cont)

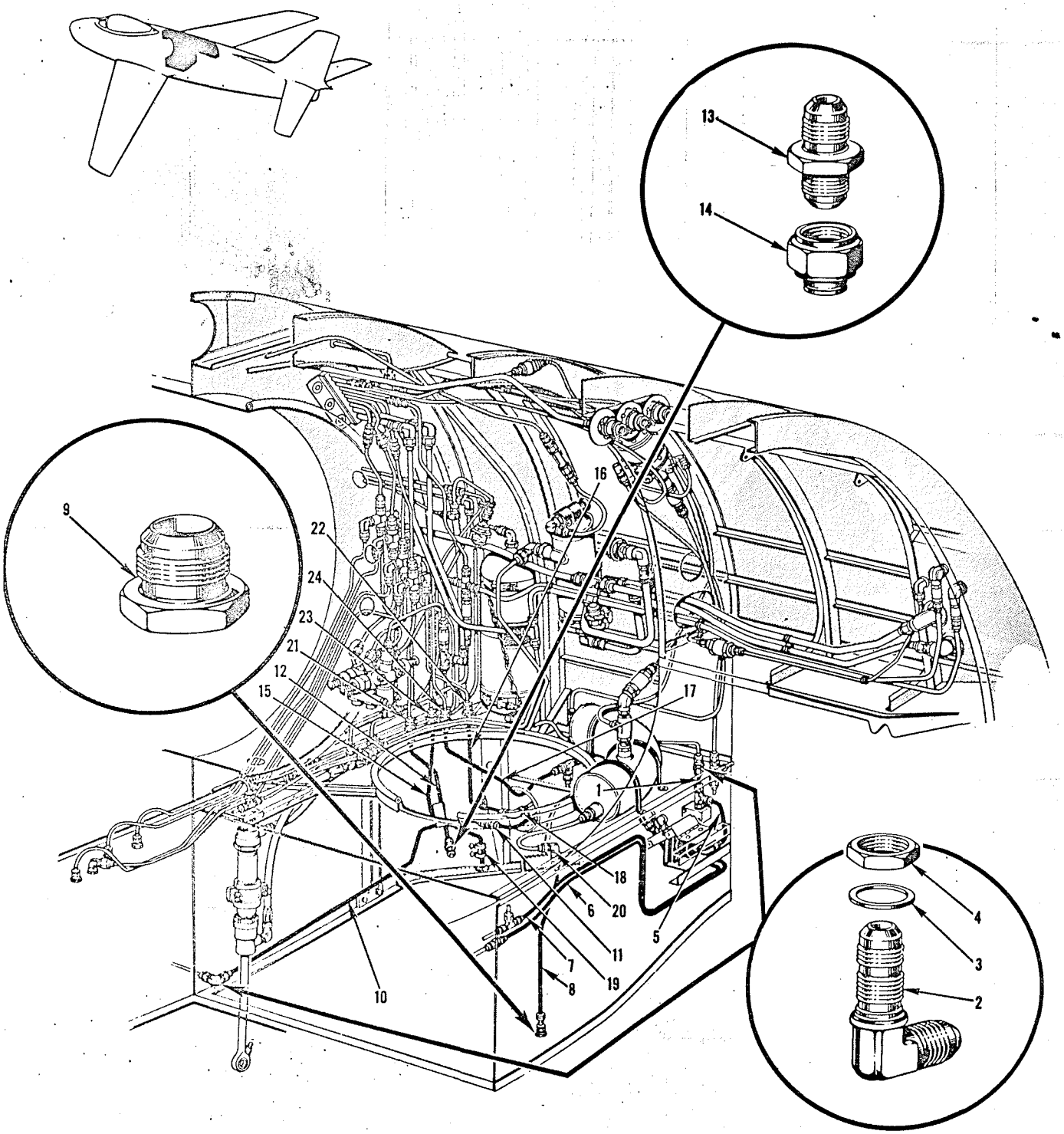


FIGURE 242 - FUSELAGE WHEEL WELL HYDRAULIC LINES ANF FITTINGS RH SIDE

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
242	No Number		FUSELAGE WHEEL WELL HYDRAULIC LINES AND FITTINGS RH SIDE (see fig. 239 for next assy)	NP	
-1	172-58813-23	*1 .	LINE ASSY, Accumulator air pressure tee on filter to elbow station 255	1	A
	191-58809-29	*1 .	LINE ASSY, Accumulator air pressure tee on filter to elbow station 255	1	B
-2	AN833-4	*1 .	ELBOW	2	A
	AN833-4D	*1 .	ELBOW	2	B
-3	AN960D716	*1 .	WASHER	2	
-4	AN924-4D	*1 .	NUT	2	
-5	172-58813-21	*1 .	LINE ASSY, Accumulator air press. tee on filter to elbow on gage	1	A
	191-58809-27	*1 .	LINE ASSY, Accumulator air press. tee on filter to elbow on gage	1	E
-6	172-58814-39	.	LINE ASSY, Emer flight control return union C_L ship to elbow station 199	1	A,F
	191-58809-95	.	LINE ASSY, Alt flight control return union C_L to elbow sta 199	1	G
-7	172-58814-43	.	LINE ASSY, Emer flight control press. tee C_L ship to elbow station 198	1	A
	191-58809-43	.	LINE ASSY, Emer flight control press. tee C_L ship to elbow station 198	1	F
	191-58809-93	.	LINE ASSY, Alt flight control press. tee C_L to elbow sta 198	1	G
-8	172-58813-19	.	LINE ASSY, Drain elbow on floor sta 206 to plug sta 207	1	
-9	AN806D4	.	CAP	1	
-10	172-58814-23	.	LINE ASSY, Brake press. elbow sta 178 to union sta 181	1	
-11	AN815-4D	.	UNION	1	
-12	172-58814-27	.	LINE ASSY, Reservoir drain union on floor sta 180 to union and plug station 181	1	
-13	AN815-6D	.	UNION	1	
-14	AN929-6	.	CAP	1	
-15	172-58813-41	.	LINE ASSY, Utility reservoir scupper drain floor sta 182 to hose coupling station 181	1	
-16	172-58814-3	.	LINE ASSY, Landing gear up union on floor sta 183 to elbow sta 186	1	A
	191-58809-33	.	LINE ASSY, Landing gear up union on floor sta 183 to elbow sta 186	1	B
-17	172-58813-79	.	LINE ASSY, Landing gear down union on floor sta 180 to tee wing sta 62	1	A
	191-58809-31	.	LINE ASSY, Landing gear down union on floor sta 180 to tee wing sta 62	1	B
-18	AN821-4	.	ELBOW	1	A
	AN821-4D	.	ELBOW	1	B
-19	AN884-6-12	.	HOSE	1	
	AN737TW26	.	CLAMP	2	
-20	AN833-4D	.	ELBOW	1	
	AN960D716	.	WASHER	1	
	AN924-4D	.	NUT	1	
-21	AN832-6D	.	UNION	1	
	AN924-6D	.	NUT	1	
	AN960D916	.	WASHER	1	
-22	AN832-4	.	UNION	1	A
	AN832-4D	.	UNION	1	B
	AN924-4D	.	NUT	1	
	AN960D716	.	WASHER	1	
-23	AN832-6D	.	UNION	1	
	AN924-6D	.	NUT	1	
-24	AN832-4	.	UNION	1	C
	AN837-4	.	ELBOW	1	D
	AN837-4D	.	ELBOW	1	B
	AN960D716	.	WASHER	1	
	AN924-4D	.	NUT	1	

*1 Parts marked thus not used on airplanes modified in accordance with T. O. 1F-86-226.

USEABLE ON CODE:
- A 51-2850 thru 52-4604
- B 52-4605 and subs
- C 51-2850 thru 51-12969, 51-13070 thru 51-13089
- D 51-12970 thru 51-12976, 51-13090 thru 52-4604
- E 52-4605 thru 52-5063 and 52-5272 thru 52-5386
- F 52-4605 thru 55-3874
- G 55-3875 and subs

FUSELAGE HYDRAULICS (Cont)

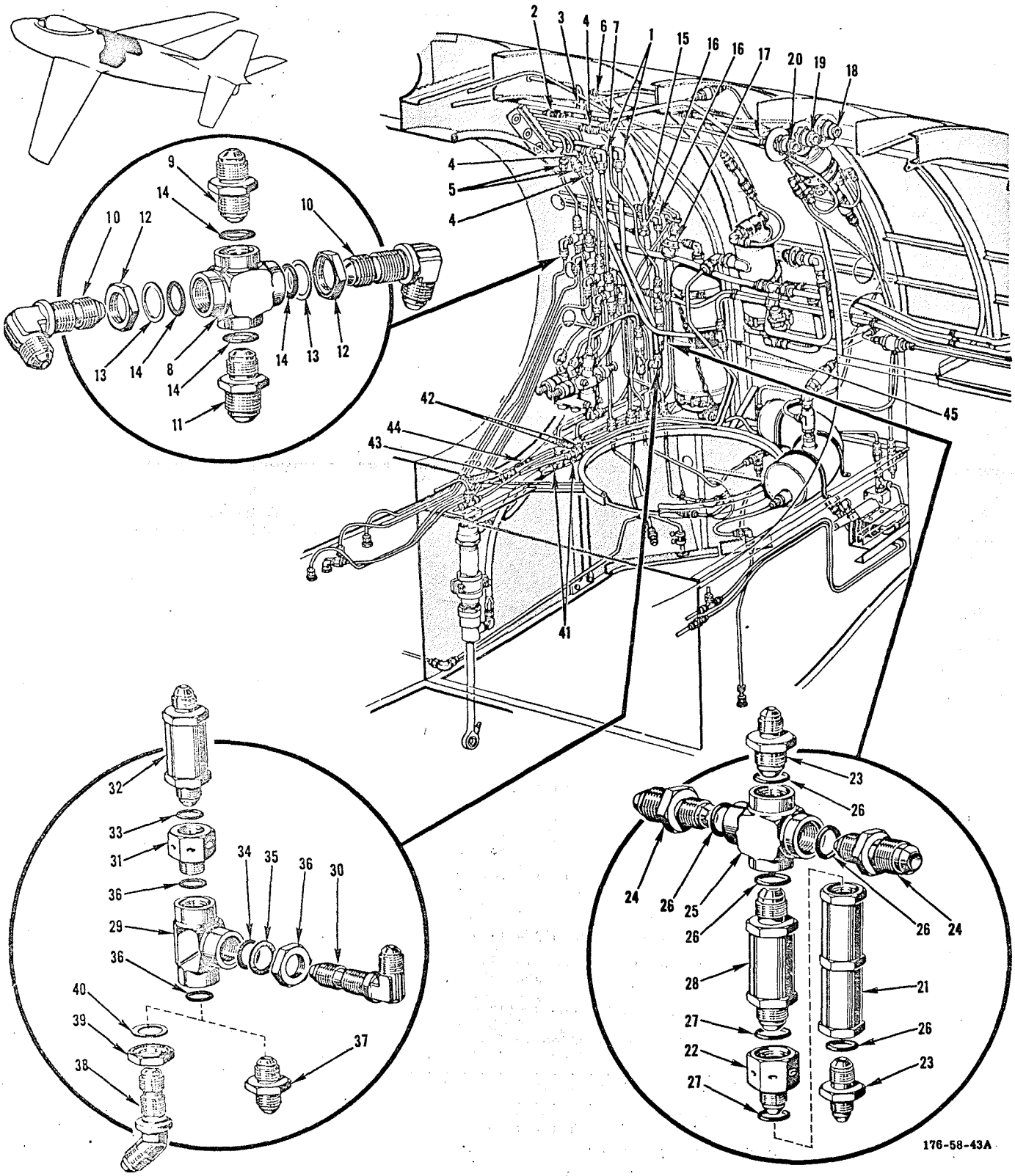


FIGURE 243 - FUSELAGE STATION 178 TO 190.09 MISCELLANEOUS HYDRAULIC FITTINGS RH SIDE

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
243	No Number		FUSELAGE STATION 178 TO 190.09 MISCELLANEOUS HYDRAULIC FITTINGS, (RH side only) (see figure 239 for next assembly)	Ref	
-1	AN821-8D		ELBOW	2	
-2	AN815-6		UNION	1	
-3	AN926-6D		TEE	1	
	AN815-6D		UNION	2	
	AN919-12D		REDUCER	1	
	AN6290-6		GASKET	3	
-4	AN815-4		UNION	3	
-5	AN815-4		UNION	2	A
-6	AN815-6D		UNION	1	
-7	AN815-4D		UNION	1	B
-8	AN925-4D		CROSS	4	A
-9	AN815-4		UNION	4	A
-10	AN833-4		ELBOW	8	A
-11	AN919-6		REDUCER	4	A
-12	AN6289-4		NUT	8	A
-13	AN6291-4		RING	8	A
-14	AN6290-4		GASKET	16	A
-15	AN919-6D		REDUCER	1	
-16	AN821-6D		ELBOW	2	
-17	155S2-6		FITTING, Disconnect (Aeroquip)	1	E
	AN924-6D		NUT	1	E
	AN837-6D		ELBOW	1	F
	AN6271-6-11 3/4		HOSE ASSEMBLY	1	F, *1
	150S1-6D		COUPLING, (Aeroquip) (use 150S1-6 until exh)	1	F
	155-25-6		NUT, (Aeroquip)	1	F
	155S2-6		FITTING, Disconnect (Aeroquip)	1	F
	AN924-6D		NUT	1	F
-18	155S2-6S		FITTING, (Aeroquip)	1	G
	AN924-6D		NUT	1	
	6525E6		NIPPLE, (Wiggins)	1	H,J
-19	155S2-6S		FITTING, Disconnect (Aeroquip)	1	
	AN924-6D		NUT	1	
-20	155S2-8		FITTING, Disconnect (Aeroquip)	1	
	AN924-8D		NUT	1	
-21	1V7-26-30		VALVE ASSY, Hydraulic two-way restrictor (North American) (refer to T. O. 9H8-5-15-4 for breakdown)	1	
-22	AN894-6-4		BUSHING	1	C
	AN894D6-4		BUSHING	1	D
-23	AN919-6		REDUCER	2	C
	AN919-6D		REDUCER	2	D
-24	AN919-12D		REDUCER	2	
-25	AN925-6D		TEE	1	
-26	AN6290-6		GASKET	5	
-27	AN6290-4		GASKET	2	
-28	AN6249-6		VALVE ASSY, 3000 psi hydraulic check	1	
-29	AN926-8D		TEE	1	
-30	AN833-8D		ELBOW	1	
-31	AN893-12D		BUSHING	1	
-32	AN6249-6		VALVE ASSY, 3000 psi hydraulic check	1	
-33	AN6290-6		GASKET	1	
-34	AN6289D8		NUT	1	
-35	AN6291-8		RING	1	
-36	AN6290-8		GASKET	3	
-37	AN815-8D		UNION	1	A
-38	AN833-8D		ELBOW	1	B,C,D
-39	AN6289D8		NUT	1	B,C,D
-40	AN6291-8		RING	1	B,C,D
-41	AN833-4		ELBOW	1	C
	AN833-4D		ELBOW	1	D
	AN924-4D		NUT	2	
	AN960D716		WASHER	2	
-42	AN815-8D		UNION	2	
-43	AN815-6D		UNION	1	
-44	AN815-8D	*2	UNION	1	A
-45	AN824-8		TEE	1	C
	AN824-8D		TEE	1	D

See figure 240 and 244 for the lines used with these fittings RH side only.

*1 Hose assembly to be procured only from Goodrich identified .- (1 dot 1 dash) or Goodyear identified ....- (4 dots 1 dash).

*2 Not used on airplanes modified in accordance with T. O. 1F-86-226.

USEABLE ON CODE:
A 51-2850 thru 51-2927
B 51-2850 thru 51-13510
C 51-2850 thru 52-4604
D 52-4605 and subs
E 51-2850 thru 51-13256, 52-4305 and subs
F 51-13257 thru 51-13510
G 51-2850 thru 53-1146
H 53-1147 thru 53-1228
J 55-3816 and subs

FUSELAGE HYDRAULICS (Cont)

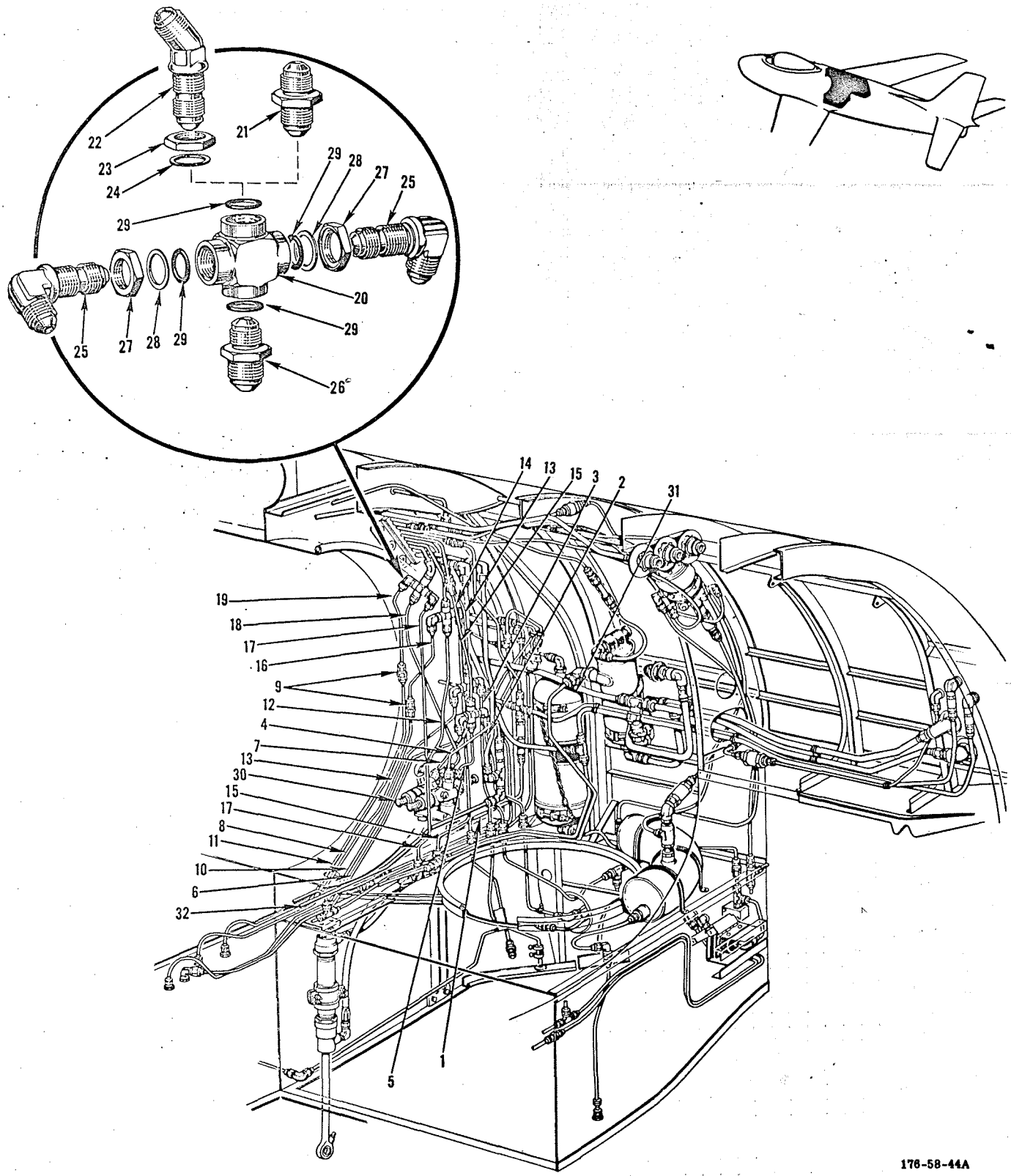


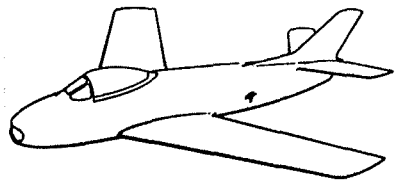
FIGURE 244 - FUSELAGE STATION 178 TO 190.09 HYDRAULIC LINES ANF FITTINGS RH SIDE

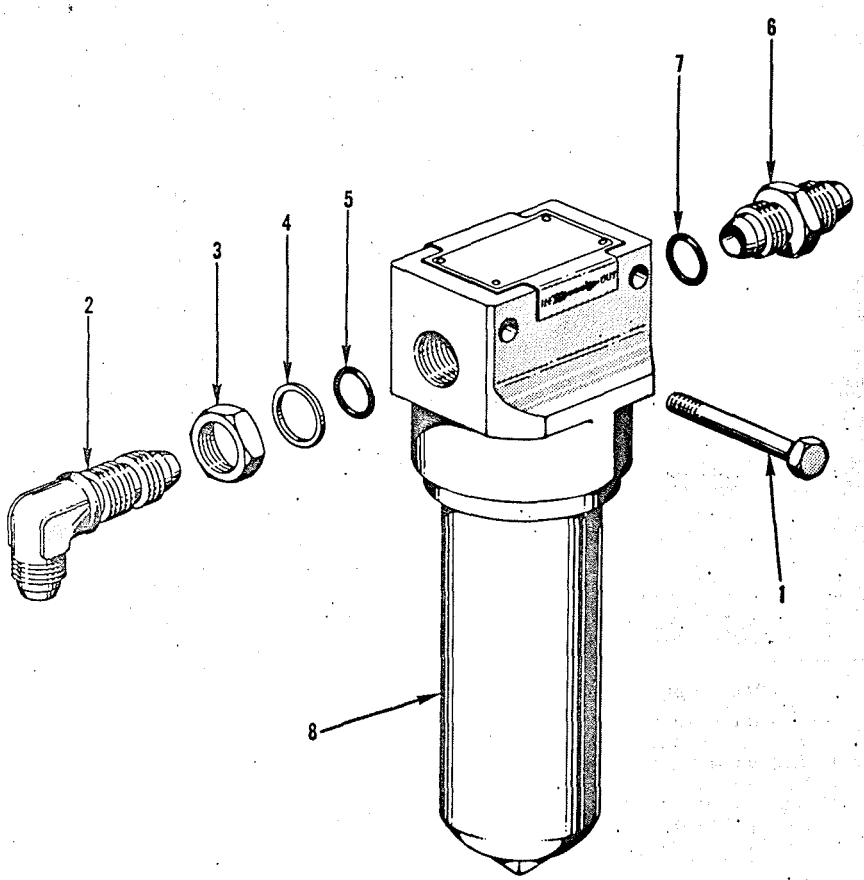
FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
244	No Number	FUSELAGE STATION 178 TO 190.09 HYDRAULIC LINES AND FITTINGS RH, (see fig. 239 for next assy)	NP	A
-1	172-58805-27	. LINE ASSY, Utility pressure from restrictor to landing gear selector valve	1	B
	191-58809-47	. LINE ASSY, Utility pressure from restrictor to landing gear selector valve	1	C
-2	172-58806-13	. LINE ASSY, Landing gear up cross sta 183 to union on floor station 182	1	B
	191-58809-11	. LINE ASSY, Landing gear up cross sta 183 to union on floor station 182	1	C
-3	172-58806-11	. LINE ASSY, Landing gear down cross sta 183 to union on floor station 180	1	D
	172-58805-63	. LINE ASSY, Landing gear down cross sta 183 to elbow on floor station 180	1	E
	191-58809-67	. LINE ASSY, Landing gear down cross sta 183 to elbow on floor station 180	1	H
	191-58809-87	. LINE ASSY, Landing gear down cross sta 182 to floor RH	1	J
-4	172-58805-37	. LINE ASSY, Utility return union on LG sel valve to check valve	1	A
-5	172-58805-35	. LINE ASSY, LG up elbow on LG selector valve to cross	1	B
	191-58809-55	. LINE ASSY, LG up elbow on LG selector valve to cross	1	H
	191-58809-81	. LINE ASSY, LG up elbow on selector valve to cross	1	J
-6	172-58806-9	. LINE ASSY, LG up cross to elbow on floor sta 182	1	B
	191-58809-9	. LINE ASSY, LG up cross to elbow on floor sta 182	1	C
-7	172-58805-33	. LINE ASSY, LG down elbow on selector valve to cross	1	B
	191-58809-53	. LINE ASSY, LG down elbow on selector valve to cross	1	H
	191-58809-79	. LINE ASSY, LG down elbow on selector valve to cross	1	J
-8	172-58806-7	. LINE ASSY, Fairing door open sta 181 RH to elbow sta 181 LH	1	B
	191-58809-7	. LINE ASSY, Fairing door open sta 181 RH to elbow sta 181 LH	1	C
-9	AN815-4	. UNION	2	A
-10	172-58806-5	. LINE ASSY, LG down cross sta 182 RH to elbow on floor sta 181 LH	1	B
	191-58809-5	. LINE ASSY, LG down cross sta 182 RH to elbow on floor station 181 LH	1	F
	191-58821-3	. LINE ASSY, LG down cross sta 182 RH to elbow on floor station 181 LH	1	G
-11	172-58806-3	. LINE ASSY, Fairing door closed union sta 180 RH to elbow on floor station 180 LH	1	B
	191-58809-3	. LINE ASSY, Fairing door closed union sta 180 RH to elbow on floor station 180 LH	1	C
-12	172-58805-31	. LINE ASSY, Fairing door open elbow on selector valve to cross	1	B
	191-58809-51	. LINE ASSY, Fairing door open elbow on selector valve to cross	1	C
-13	172-58815-95	. LINE ASSY, Landing gear down cross to union sta 182	1	B
	191-58809-65	. LINE ASSY, Landing gear down cross to union sta 182	1	C
-14	172-58815-93	. LINE ASSY, Landing gear up cross sta 183 to union sta 182	1	B
	191-58809-63	. LINE ASSY, Landing gear up cross sta 183 to union sta 182	1	C
-15	172-58815-91	. LINE ASSY, Fairing door open cross sta 181 to elbow sta 180	1	B
	191-58809-61	. LINE ASSY, Fairing door open cross sta 181 to elbow sta 180	1	H
	191-58809-85	. LINE ASSY, Fairing door open cross sta 181 to elbow 180	1	J
-16	172-58815-89	. LINE ASSY, Fairing door open cross to union sta 181	1	B
	191-58809-59	. LINE ASSY, Fairing door open cross to union sta 181	1	C
-17	172-58815-87	. LINE ASSY, Fairing door closed cross to elbow on floor & hose	1	B
	191-58809-57	. LINE ASSY, Fairing door closed cross to elbow on floor & hose	1	H
	191-58809-83	. LINE ASSY, Fairing door closed cross sta 179 to elbow 180	1	J
-18	172-58805-29	. LINE ASSY, Fairing door closed cross to elbow on LG sel valve	1	B
	191-58809-49	. LINE ASSY, Fairing door closed cross to elbow on LG sel valve	1	C
-19	172-58815-85	. LINE ASSY, Fairing door closed cross to union sta 182	1	B
	191-58809-39	. LINE ASSY, Fairing door closed cross to union sta 182	1	H
	191-58809-77	. LINE ASSY, Fairing door closed cross station 182 to union 182	1	J
-20	AN924-4D	. CROSS	4	A
-21	AN815-4	. UNION	3	B
	AN815-4D	. UNION	3	C
-22	AN837-4	. ELBOW, (used with fairing door closed cross only)	1	B
	AN837-4D	. ELBOW, (used with fairing door closed cross only)	1	C
-23	AN6289-4	. NUT, (used with fairing door closed cross only)	1	A
-24	AN6291-4	. RING, (used with fairing door closed cross only)	1	A
-25	AN833-4	. ELBOW	8	B
	AN833-4D	. ELBOW	8	C
-26	AN919-4	. REDUCER	4	B
	AN919-4D	. REDUCER	4	C
-27	AN6289D4	. NUT	8	A
-28	AN6291-4	. RING	8	A
-29	AN6290-4	. GASKET	16	A
-30	172-58678-30	VALVE ASSY, Hydraulic alighting gear and fairing door selector (complete) (see fig. 239)	Ref	
-31	170-58640	*1 ACCUMULATOR ASSY, Hyd 200 cubic inch complete (see fig. 239)	Ref	
-32	172-58805-19	LINE ASSY, Utility return speed brake selector valve LH to tee station 182 RH (see figure 258)	Ref	

*1 Not used on airplanes modified in accordance with T. O. 1F-86-226

USEABLE ON CODE:
A 51-2928 and subs
B 51-2928 thru 52-4604
C 52-4605 and subs
D 51-2928 thru 51-12969, 51-13070 thru 51-13089
E 51-12970 thru 51-12976, 51-13090 thru 52-4064
F 52-4605 thru 52-5163, 52-5272 thru 52-5530
G 52-5164 thru 52-5271, 53-1072 thru 53-1228
H 52-4605 thru 55-3850
J 55-3851 and subs





176-58-88

FIGURE 245 - HYDRAULIC EMERGENCY POWER CONTROL FORWARD FILTER ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
245	172-58637	FILTER ASSY, Hydraulic emergency power control forward complete (see figure 262 for next assembly)	Ref	
		ATTACHING PARTS		
-1	AN4-23A	BOLT	2	
		---*---		
-2	AN833-6	. ELBOW	1	
-3	AN6289-6	. NUT	1	
-4	AN6291-6	. RING	1	
-5	AN6290-6	. GASKET	1	
-6	AN815-6	. UNION	1	
-7	AN6290-6	. GASKET	1	
-8	MS28720-6	. FILTER ASSY, Micronic line type 500 to 3000 psi (North American) (use Purolator 38426 or 31589 until exh)	1	

FUSELAGE HYDRAULICS (Cont)

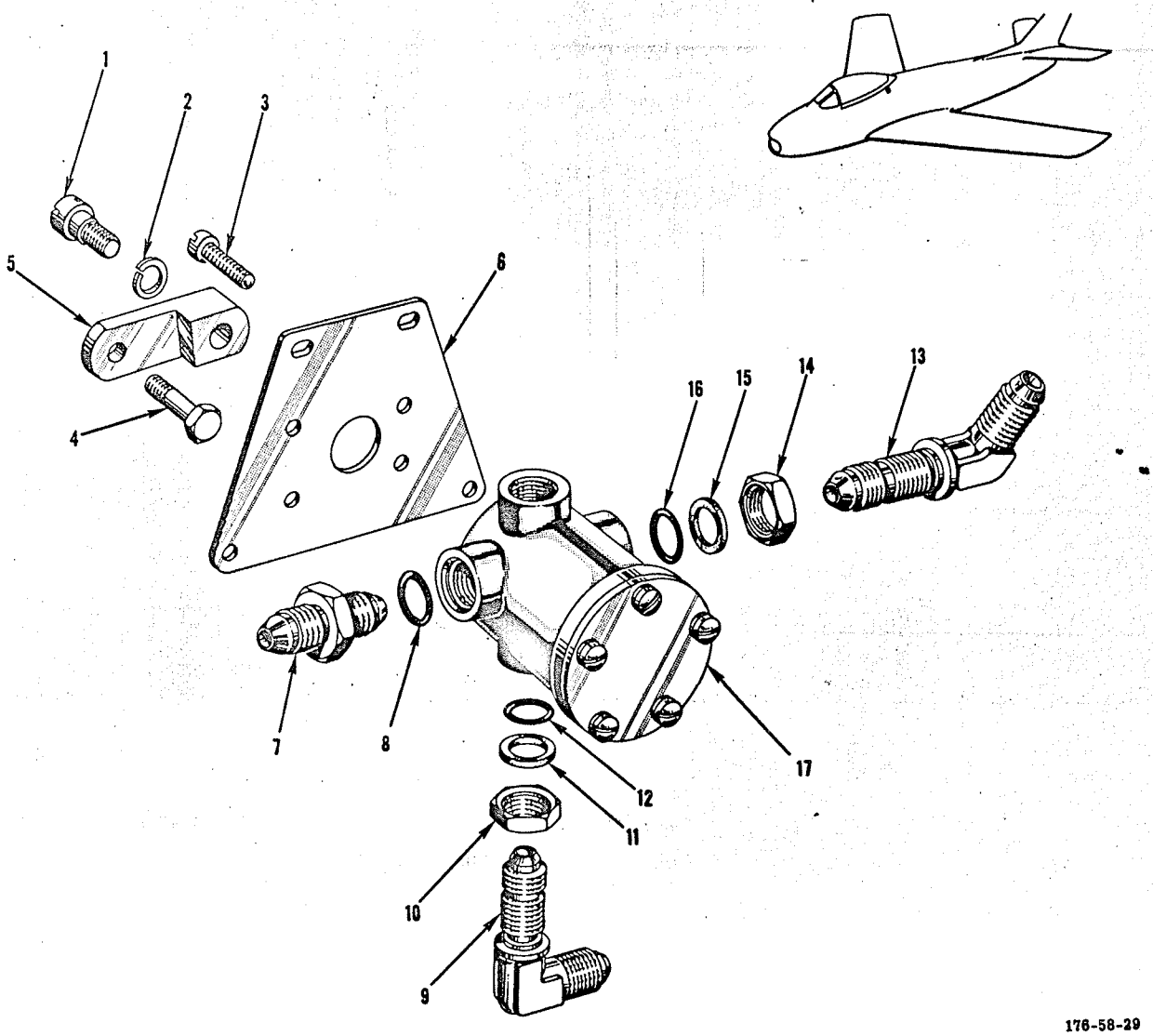


FIGURE 246 - COMPLETE HYDRAULIC SPEED BRAKE DUMP VALVE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
246	172-58647	VALVE ASSY, Hydraulic emergency speed brake dump complete (see figure 236 for next assembly)	Ref	A
-1	AN502-10-7	. SCREW	1	A
-2	AN960D10	. WASHER	1	A
-3	AN502-10-10	. SCREW	4	A
-4	AN3-7A	. BOLT	1	A
-5	151-58367	. ARM, Hydraulic emergency speed brake dump valve	1	A
-6	151-58372	. PLATE, Hydraulic emergency speed brake dump valve mounting	1	A
-7	AN815-8D	. UNION	1	A
-8	AN6290-8	. GASKET	1	A
-9	AN833-8D	. ELBOW	1	A
-10	AN6289D8	. NUT	1	A
-11	AN6291-8	. RING	1	A
-12	AN6290-8	. GASKET	1	A
-13	AN837-8D	. UNION	1	A
-14	AN6289D8	. NUT	1	A
-15	AN6291-8	. RING	1	A
-16	AN6290-8	. GASKET	1	A
-17	13476	. VALVE ASSY, Emer dump 3000 psi 1/2 tube size (Whittaker) (intrch wth Proof 10-1014 (North American Spec NA5-8233-3) or (Hydraulic Research 27400) (North American Spec NA5-8233-2)	1	A
	USEABLE ON CODE:	A . 51-2850 thru 52-5063, 52-5272 thru 52-5446		

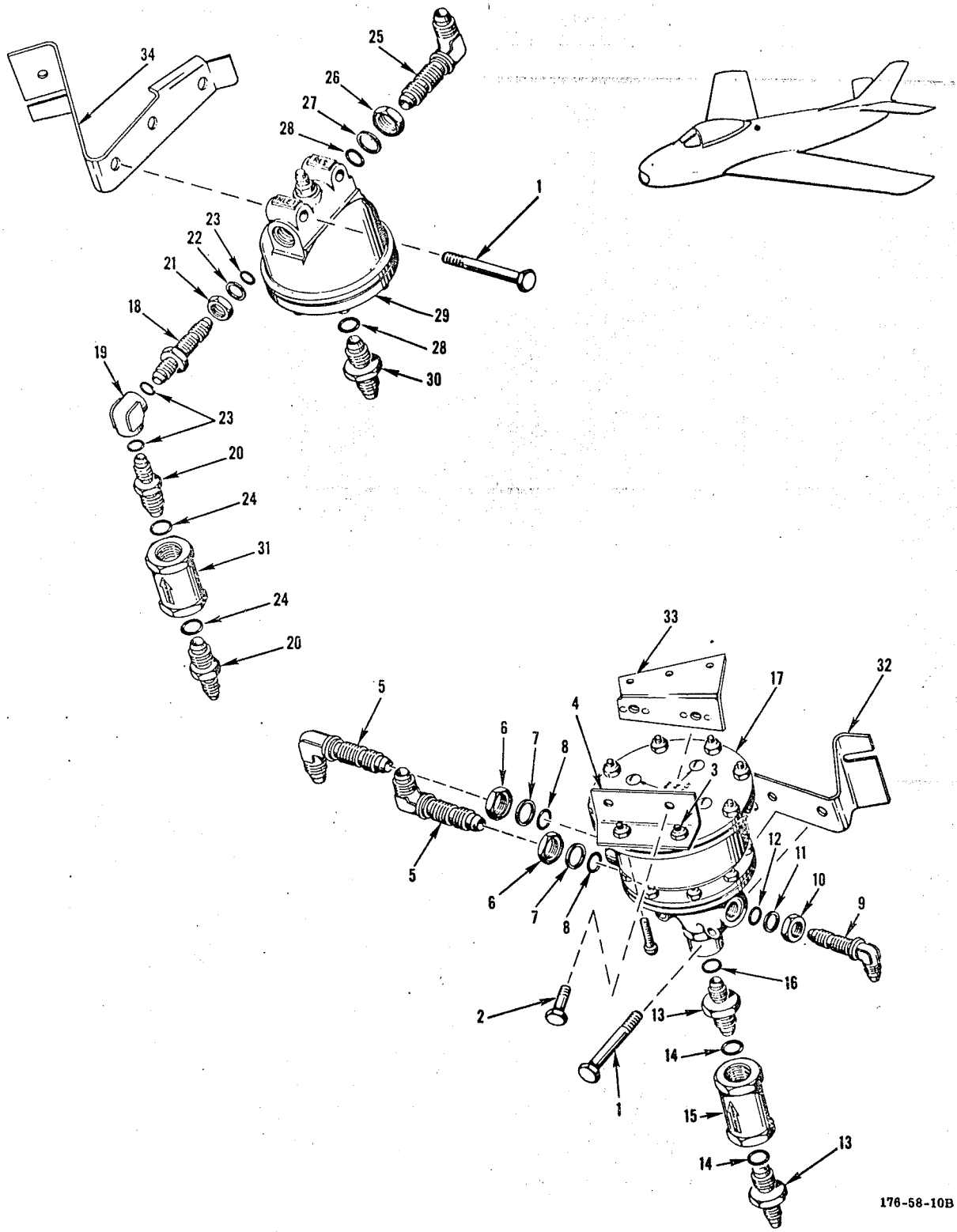


FIGURE 247 - COMPLETE HYDRAULIC RESERVOIR UTILITY REGULATOR ASSEMBLY AND ATTACHING PARTS

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
247	172-58652-10	REGULATOR ASSY, Hydraulic reservoir utility complete (use 172-58652-5 until exh)(see fig. 239 for next assy)	Ref	A
	191-58652	REGULATOR ASSY, Hydraulic reservoir utility complete (see figure 239 for next assembly)	Ref	B
		ATTACHING PARTS		
-1	AN3-13A	BOLT	2	
-2	AN3-4A	BOLT, (used with 172-58652-10 only)	2	A
		---*---		
-3	AN503-8-12	. SCREW	2	A
-4	172-58178	. SUPPORT, Hydraulic regulator upper	1	A
-5	AN833-6D	. ELBOW	2	A
-6	AN6289-6	. NUT	2	A
-7	AN6291-6	. RING	2	A
-8	AN6290-6	. GASKET	2	A
-9	AN833-4D	. ELBOW	1	A
-10	AN6289-4	. NUT	1	A
-11	AN6291-4	. RING	1	A
-12	AN6290-4	. GASKET	1	A
-13	AN919-6D	. REDUCER	2	A
-14	AN6290-6	. GASKET	2	A
-15	4-2050-77	. VALVE ASSEMBLY, Hydraulic check (Parker Aircraft)	1	A
-16	AN6290-4	. GASKET	1	A
-17	312022-2	. VALVE ASSEMBLY, Absolute air pressure regulator (Gladden) (use 312022-1 Gladden until exh)	1	A
-18	AN832-4D	. UNION	1	B
-19	AN927-4D	. ELBOW	1	B
-20	AN919-6D	. REDUCER	2	B
-21	AN6289-4	. NUT	1	B
-22	5R15-4	. RING, Split back-up (North American)	1	B
-23	AN6290-4	. GASKET	3	B
-24	AN6290-6	. GASKET	2	B
-25	AN833-6D	. ELBOW	1	B
-26	AN6289-6	. NUT	1	B
-27	5R15-6	. RING, Split back-up (North American)	1	B
-28	AN6290-6	. GASKET	2	B
-29	113150-2	. VALVE ASSY, Hyd (Leonard) (Spec NA5-8225-8A) (intrch wth Leonard 113050-2 and Avron 10A100 or 11A100)	1	B
-30	AN815-6D	. UNION	1	B
-31	4-2050-77	. VALVE ASSY, Hydraulic check (Parker Aircraft)	1	B
-32	172-58180	SUPPORT, Hydraulic regulator lower (see figure 158)	Ref	
-33	172-58179	SUPPORT, Hydraulic regulator upper (see figure 158)	Ref	
-34	191-58180	SUPPORT, Hydraulic regulator (see figure 158)	Ref	

USEABLE ON CODE:

A 51-2850 thru 51-13510, (except on airplanes 51-13491, 51-13494, 51-13495, 51-13499, 51-13501 thru 51-13503, and 51-13505).

B 52-4305 and subs (and including airplanes 51-13491, 51-13494, 51-13495, 51-13499, 51-13501 thru 51-13503, and 51-13505).

FUSELAGE HYDRAULICS (Cont)

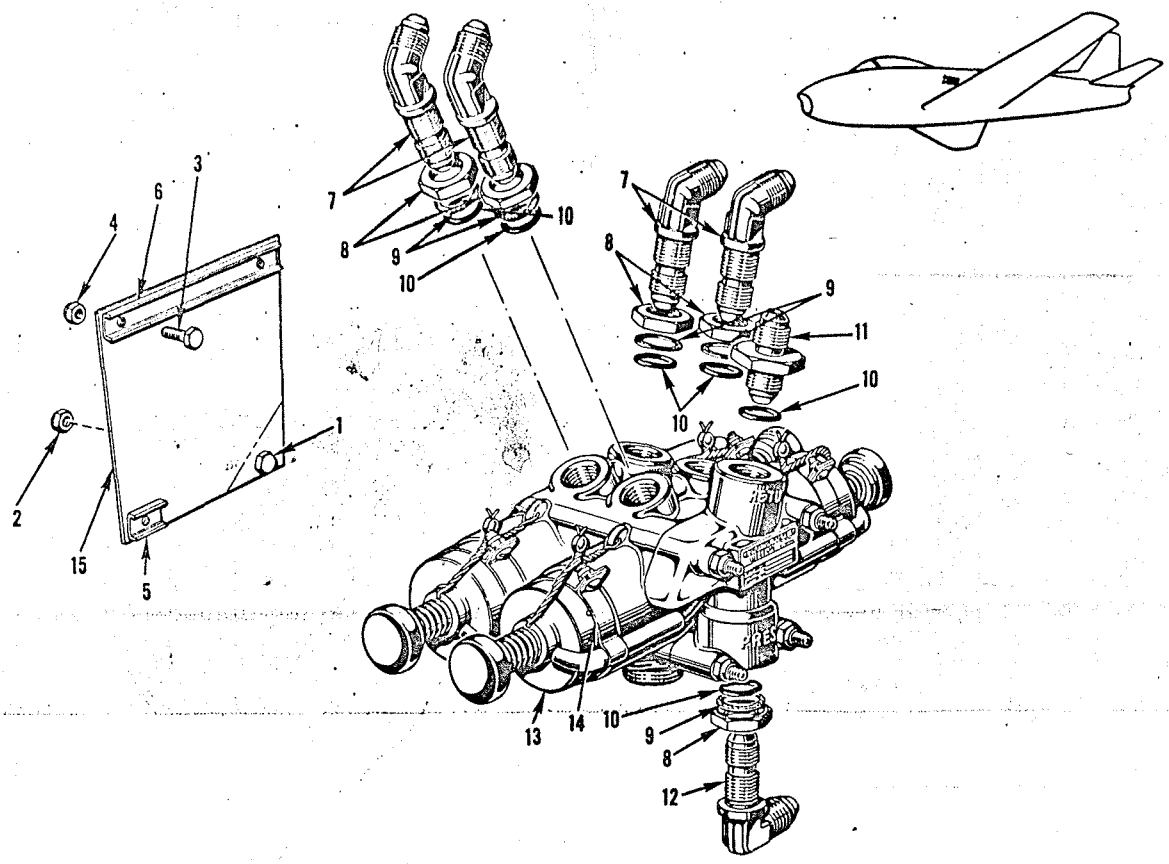
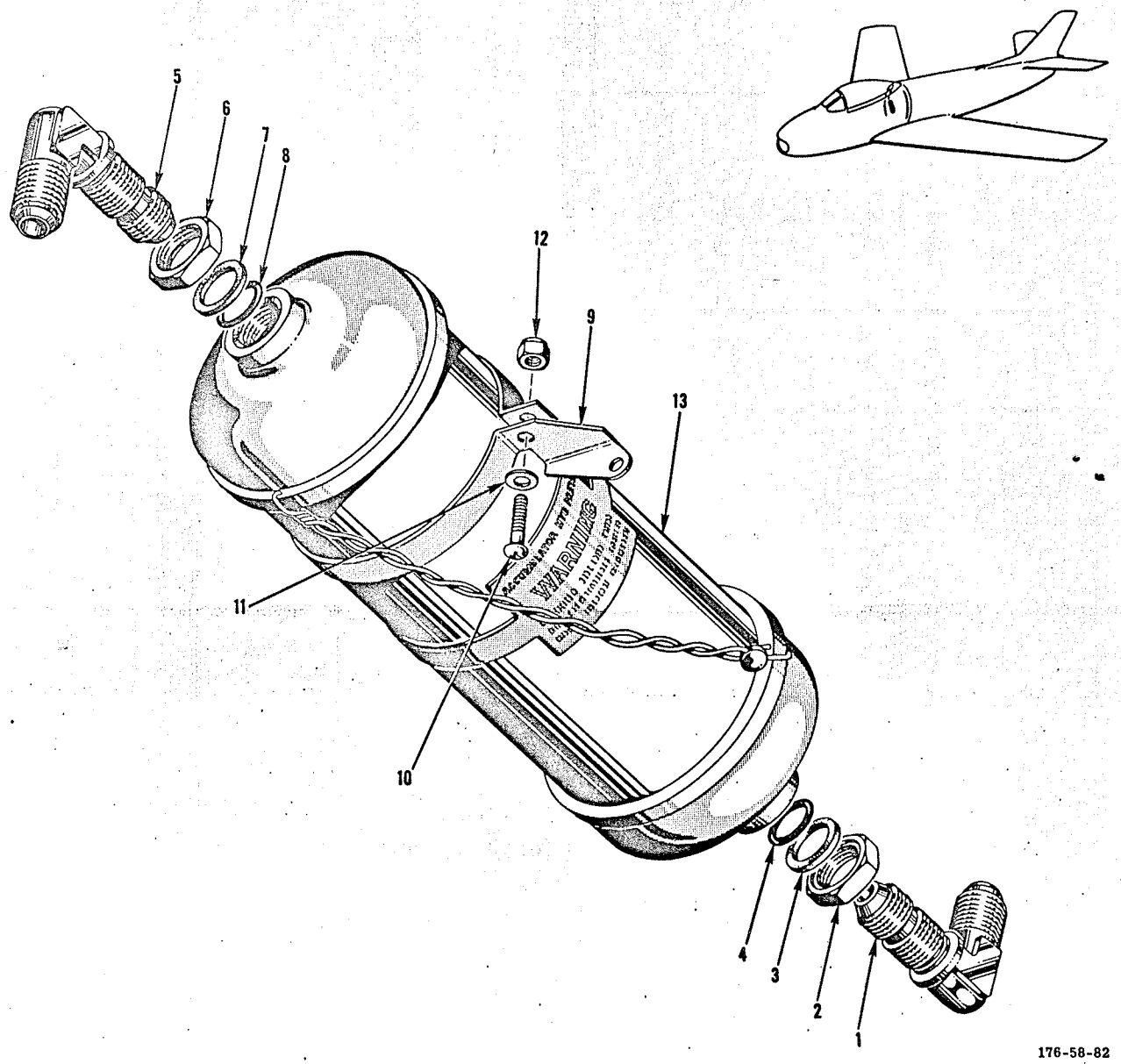


FIGURE 248 - HYDRAULIC ALIGHTING GEAR AND FAIRING DOOR SELECTOR VALVE ASSEMBLY AND ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
248	172-58678-20	VALVE ASSY, Hyd alighting gear and fairing door selector complete RH (use 172-58678-10 untl exh) (see figure 239 for next assembly)	Ref	A
	172-58678-30	VALVE ASSY, Hyd alighting gear and fairing door selector complete RH (see fig. 239 for next assembly)	Ref	B
	ATTACHING PARTS			
-1	AN3-4A	BOLT	4	C
-2	AN365-1032	NUT	4	C
-3	AN3-4A	BOLT	3	D
-4	AN365-1032	BOLT	3	D
-5	172-58214-3	RETAINER, Hyd landing gear emer selector valve attaching bolt	1	D
-6	172-58214-5	RETAINER, Hyd landing gear emer selector valve attaching bolt	1	D
		---*---		
-7	AN837-6	. ELBOW	4	A
	AN837-6D	. ELBOW	4	B
-8	AN6289-6	. NUT	5	
-9	AN6291-6	. RING	5	
-10	AN6290-6	. GASKET	6	
-11	AN815-6D	. UNION	1	
-12	AN833-6	. ELBOW	1	A
	AN833-6D	. ELBOW	1	B
-13	9610-2	. VALVE ASSY, 3/8 tube size solenoid operated dual unit hyd selector (Weston Hydraulics) (use Weston Hydraulics 9610 untl exh)(intrch wth Mar Vista 11060) (North American Spec NA5-8254-1)	1	
-14	8417	. SHIELD ASSEMBLY, (Weston Hydraulics)	4	
-15	172-33611	BRACKET, Alighting gear emer release fus sta 178 selector valve support (see figure 158)	Ref	C
	172-33630	BRACKET, Alighting gear emer release fus sta 178 selector valve support (see figure 158)	Ref	D

USEABLE ON CODE: A 51-2850 thru 52-4604 C 51-2850 thru 51-2927
B 52-4605 and subs D 51-2928 and subs

FUSELAGE HYDRAULICS (Cont)



176-58-82

FIGURE 249 - COMPLETE HYDRAULIC 200 CUBIC INCH ACCUMULATOR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
249	170-58640	*1 ACCUMULATOR ASSY, Hydraulic 200 cubic inch complete (see figure 239 for next assembly)	Ref	A
	170-58640-10	*1 ACCUMULATOR ASSY, Hydraulic 200 cubic inch complete (see figure 239 for next assembly)	Ref	B
-1	AN833-4	. ELBOW	1	A
	AN833-4D	. ELBOW	1	B
-2	AN6289D4	. NUT	1	A
	AN6289-4	. NUT	1	B
-3	AN6291-4	. RING	1	A,B
-4	AN6290-4	. GASKET	1	A,B
-5	AN833-8D	. ELBOW	1	A,B
-6	AN6289D8	. NUT	1	A,B
-7	AN6291-8	. RING	1	A,B
-8	AN6290-8	. GASKET	1	A,B
-9	172-58135	. CLAMP, Hydraulic utility sys case drain disconnect support	1	A,B
-10	AN520-10R10	. SCREW	1	A,B
-11	AN960D10	. WASHER	3	A,B
-12	AN365-1032	. NUT	1	A,B
-13	161-58095	. ACCUMULATOR ASSY, Hyd 200 cubic inch (refer to T. O. 9H1-2-6-4 for breakdown)	1	A,B

*1 Parts marked thus not used on airplanes modified in accordance with T. O. 1F-86-226.
USEABLE ON CODE: A 51-2850 thru 52-4604 B 52-4605 thru 52-5063, 52-5272 thru 52-5386.

FUSELAGE HYDRAULICS (Cont)

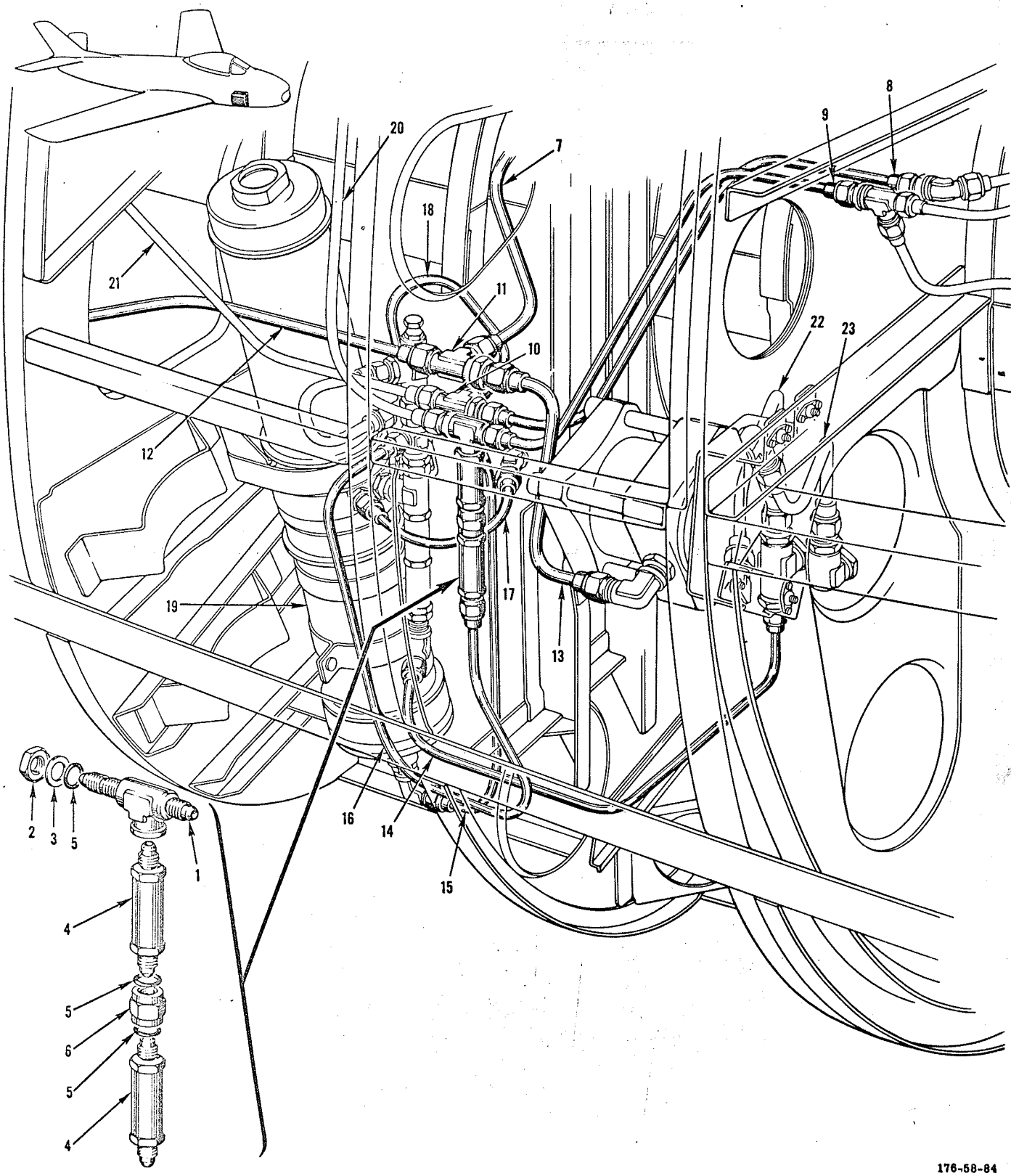


FIGURE 250 - FUSELAGE STATION 53.5 TO 71.75 MISCELLANEOUS RH HYDRAULIC LINES AND FITTINGS

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
250	No Number	FUSELAGE STATION 53.5 TO STATION 71.75 MISCELLANEOUS RH HYDRAULIC LINES AND FITTINGS, (see figure 232 for next assembly)	NP	
-1	AN783-4	. TEE	1	A
	AN783-4D	. TEE	1	B
-2	AN924-4D	. NUT	1	
-3	AN960D716	. WASHER	1	
-4	AN6249-4	. VALVE, 3000 psi hydraulic check (Parker Aircraft 10-1547-4)	2	
-5	AN6290-4	. GASKET	3	
-6	NAS424-4D	. COUPLING, Fittings internal screw thread	1	
-7	172-58807-15	. LINE ASSY, Brake return tee to tee sta 62	1	
-8	172-58807-3	. LINE ASSY, Utility system return elbow station 53 to tee station 62	1	
-9	172-58807-5	. LINE ASSY, Utility system press. tee station 62 to tee station 53.5	1	A
	191-58803-13	. LINE ASSY, Utility system press. tee station 62 to tee station 53.5	1	B
-10	AN804D4	. TEE	1	
	AN924-4D	. NUT	1	
	AN960D716	. WASHER	1	
-11	AN804-6D	. TEE	1	
	AN960D916	. WASHER	1	
	AN924-6D	. NUT	1	
-12	172-58807-29	. LINE ASSY, Emergency nose gear and brake return tee station 62 to elbow station 84	1	
-13	172-58807-9	. LINE ASSY, Emergency nose gear return elbow on emergency selector valve to union station 62	1	A
	191-58803-53	. LINE ASSY, Emergency nose gear return elbow on emergency selector valve to union station 62	1	B
-14	172-58807-19	. LINE ASSY, Utility system pressure restrictor on emergency nose gear accumulator to tee BL12 1/2	1	A
	191-58803-17	. LINE ASSY, Utility system pressure restrictor on emergency nose gear accumulator to tee BL12 1/2	1	B
-15	172-58807-25	. LINE ASSY, Emergency nose gear accumulator air pressure union station 68 to elbow on emergency nose gear accumulator	1	A
	191-58803-19	. LINE ASSY, Emergency nose gear accumulator air pressure union station 68 to elbow on emergency nose gear accumulator	1	B
-16	172-58807-17	. LINE ASSY, Utility system pressure check valve station 62 to tee on emergency nose gear accumulator	1	A
	191-58803-15	. LINE ASSY, Utility system pressure check valve station 62 to tee on emergency nose gear accumulator	1	B
-17	172-58807-27	. LINE ASSY, Emergency nose gear dump return elbow BL12 1/2 to reducer on emergency nose gear accumulator	1	A
	191-58803-21	. LINE ASSY, Emergency nose gear dump return elbow BL12 1/2 to reducer on emergency nose gear accumulator	1	B
-18	172-58807-21	. LINE ASSY, Utility system return elbow on emergency nose gear accumulator to tee station 62	1	
-19	172-58640	* ACCUMULATOR ASSY, Hydraulic emergency auxiliary landing gear extension complete (see figure 234)	Ref	
-20	172-58818-57	LINE ASSY, Utility pressure tee station 71 to tee station 62 (see figure 232)	Ref	
-21	172-58807-23	LINE ASSY, Utility pressure tee station 62 to elbow sta 84 (see figure 232)	Ref	
-22	172-58807-11	LINE ASSY, Emergency nose gear pressure tee BL12 1/2 to reducer on emergency selector valve (see fig. 232)	Ref	
-23	172-58807-7	LINE ASSY, Emergency nose gear down elbow on emergency selector valve to elbow BL12 1/2 (see fig. 232)	Ref	

USEABLE ON CODE: A 51-2850 thru 52-4604
B 52-4605 and subs

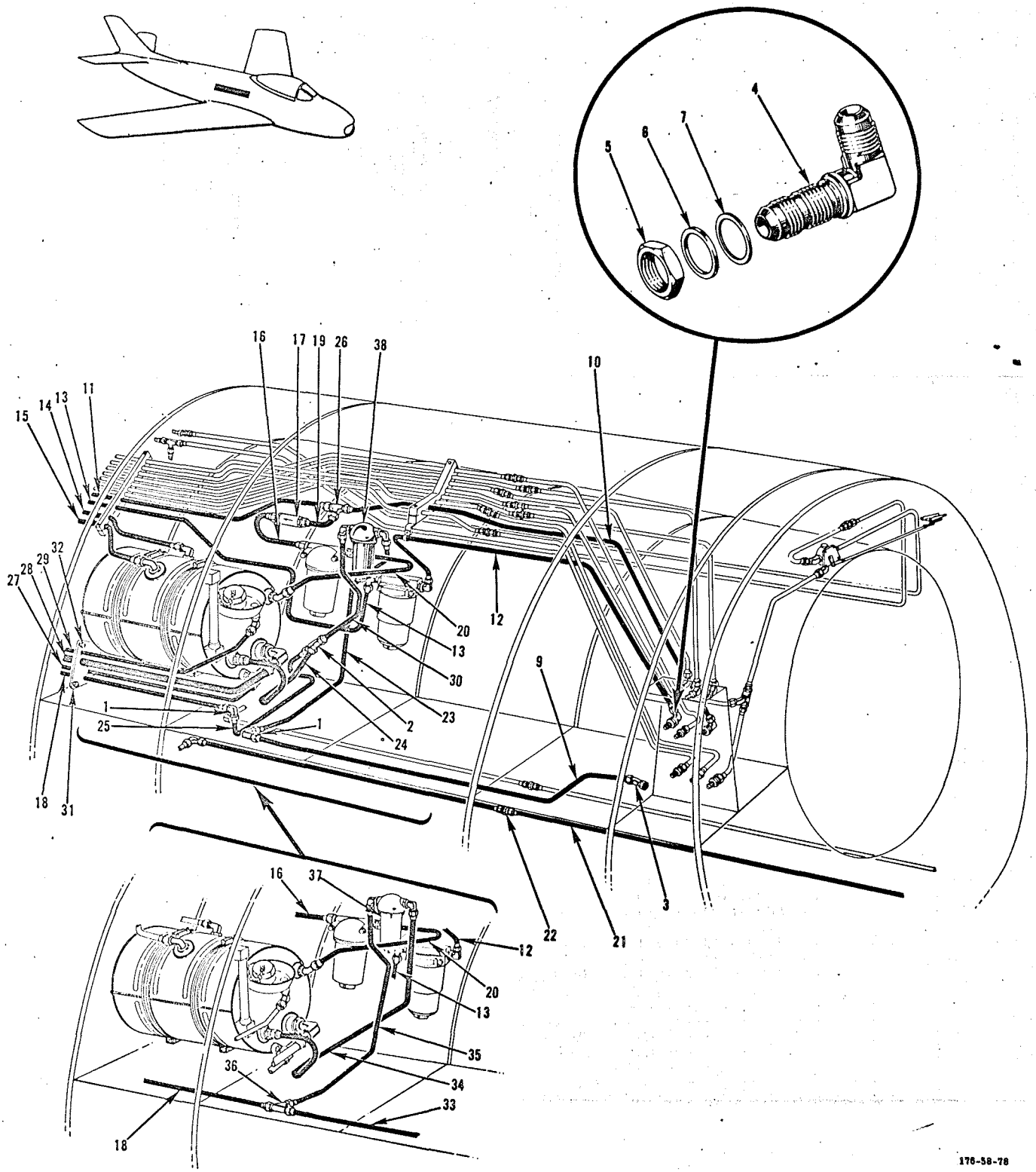


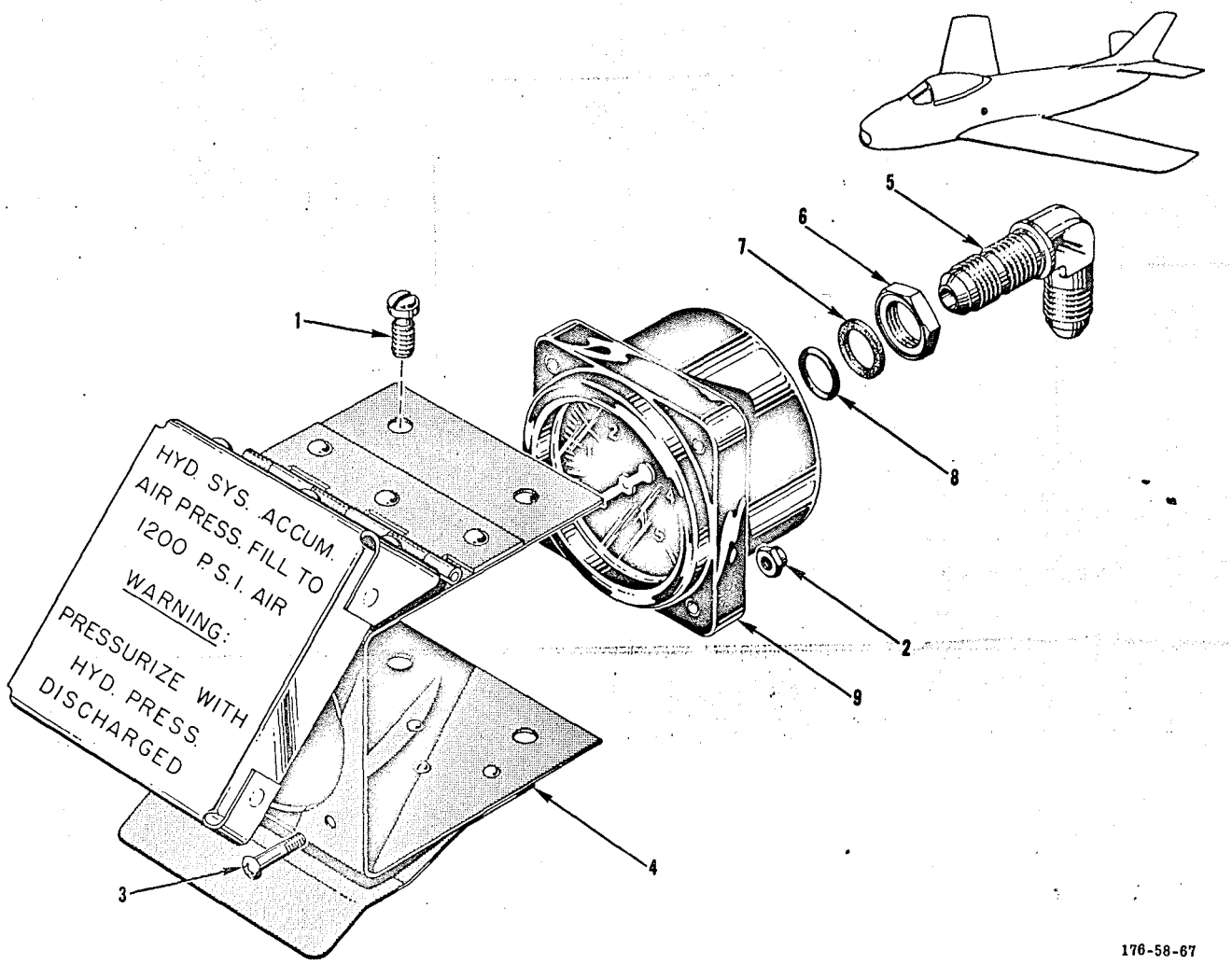
FIGURE 251 - FUSELAGE STATION 133 TO STATION 178 HYDRAULIC LINES AND FITTINGS RH SIDE

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
251	No Number		FUSELAGE STATION 133 TO STATION 198 HYDRAULIC LINES AND FITTINGS RH SIDE (Cont) (see figure 201 for next assembly)	NP	
-1	AN821-6D	.	ELBOW	2	E
-2	AN824-6D	.	TEE	1	E
-3	AN837-6D	.	ELBOW	1	
-4	AN833-8D	.	ELBOW	1	
-5	AN924-8D	.	NUT	1	
-6	AN960D1216	.	WASHER	1	
-7	2W1V48-32-62	.	WASHER, Plain (North American)	1	
-8	AN837-4	.	ELBOW	1	
-9	172-58815-83	.	LINE ASSY, Brake return elbow sta 126 to elbow sta 155	1	E
-10	172-58818-27	.	LINE ASSY, Utility return tee sta 130 to tee sta 160	1	G
-11	191-58805-49	.	LINE ASSY, Utility return from tee fus sta 130 to tee fus sta 160	1	H
-11	172-58818-13	.	LINE ASSY, Utility return tee sta 163 to elbow sta 183	1	G
	191-58805-51	.	LINE ASSY, Utility return fron tee fus sta 163 to elbow fus sta 183	1	H
-12	172-58810-5	.	LINE ASSY, Power control pressure bulkhead union sta 123 to filter elbow station 156	1	A
	172-58810-67	.	LINE ASSY, Power control pressure bulkhead union sta 123 to filter elbow sta 156	1	B
-13	172-58810-7	.	LINE ASSY, Power control pressure filter elbow sta 157 to elbow sta 178	1	C
	191-58805-29	.	LINE ASSY, Power control pressure filter elbow sta 157 to elbow sta 178	1	D
-14	172-58810-43	.	LINE ASSY, Utility reservoir air pressure from union station 190 to elbow on main reservoir	1	
-15	172-58810-35	.	LINE ASSY, Utility reservoir vent from elbow on reservoir to union station 180	1	
-16	172-58818-47	.	LINE ASSY, Utility return from check valve sta 166 to in port on return filter	1	G
	191-58805-47	.	LINE ASSY, Utility return from check valve fus sta 166 to in port of filter	1	H
-17	AN6207-8	.	VALVE, 1500 PSI Hydraulic check (North American)	1	
-18	172-58810-13	.	LINE ASSY, Dump case drain tee sta 155 to union sta 182	1	
-19	172-58818-29	.	LINE ASSY, Utility return tee sta 160 to check valve sta 166	1	G
	191-58805-45	.	LINE ASSY, Utility return from tee fus sta 160 to check valve fus sta 166	1	H
-20	172-58810-15	.	LINE ASSY, Utility return filter union sta 162 to reservoir station 164	1	
-21	172-58818-43	.	LINE ASSY, RH brake pressure union sta 133 to elbow sta 178	1	
-22	AN815-4D	.	UNION	1	
-23	172-58815-43	.	LINE ASSY, Pump case and brake return from filter elbow station 157 to elbow station 156	1	E
-24	172-58815-65	.	LINE ASSY, Brake return and pump case drain return from tee sta 160 to reservoir	1	E
-25	172-58815-67	.	LINE ASSY, Pump case drain return from elbow sta 155 to tee sta 160	1	E
-26	AN824-8D	.	TEE	1	E
-27	172-58810-37	.	LINE ASSY, Reservoir drain from union sta 180 to utility reservoir	1	
-28	172-58810-47	.	LINE ASSY, Pump suction female tee sta 192 to main reservoir	1	
-29	172-58810-45	.	LINE ASSY, Reservoir scupper drain from union fuselage station 180 to main reservoir scupper	1	
-30	172-58815-45	.	LINE ASSY, Brake return from filter elbow sta 163 to tee station 160	1	E
-31	170-58165	.	SEAL, Hydraulic lines support and vapor fuselage sta 178	1	
-32	AN3-5A	.	BOLT	4	
	AN960-10L	.	WASHER	4	
-33	172-58810-3	.	LINE ASSY, Brake return elbow sta 126 to tee sta 155	1	F
-34	172-58810-9	.	LINE ASSY, Brake return tee sta 155 to filter elbow sta 157	1	F
-35	172-58810-11	.	LINE ASSY, Brake and pump case drain return filter elbow station 162 to reservoir	1	F
-36	AN824-6D	.	TEE	1	F
-37	172-58639		FILTER ASSY, Hydraulic brake return complete (see figure 236)	Ref	
-38	172-58639-3		FILTER ASSY, Hydraulic brake return complete (see figure 236)	Ref	

USEABLE ON CODE:
A 51-2850 thru 51-13283, 52-4305 thru 52-4404
B 51-13284 thru 51-13510, 52-4405 and subs
C 51-2850 thru 52-4604
D 52-4605 and subs
E 51-2850 thru 51-13510
F 52-4305 and subs
G 51-2860 thru 55-3932
H 55-3933 and subs

FUSELAGE HYDRAULICS (Cont)



176-58-67

FIGURE 252 - COMPLETE HYDRAULIC ACCUMULATOR AIR PRESSURE GAGE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
252	170-58639-7		GAGE ASSY, Hydraulic accumulator air pressure complete LH . . . (see figure 255 for next assembly)	Ref	A
	170-58639-11		GAGE ASSY, Hydraulic accumulator air pressure complete LH . . . (see figure 255 for next assembly)	Ref	D
	170-58639-5		GAGE ASSY, Hydraulic accumulator air pressure complete LH . . . (see figure 216 for next assembly)	Ref	A
	170-58639-9		GAGE ASSY, Hydraulic accumulator air pressure complete LH . . . (see figure 216 for next assembly)	Ref	D
	170-58639-4	*1	GAGE ASSY, Hydraulic accumulator air pressure complete RH . . . (see figure 239 for next assembly)	Ref	A
	170-58639-8	*1	GAGE ASSY, Hydraulic accumulator air pressure complete RH . . . (see figure 239 for next assembly)	Ref	C
	ATTACHING PARTS				
-1	AN501A10-8		SCREW, (used on 170-58639-5 and -9)	4	
	AN3-3A		BOLT, (used on 170-58639-7, -11, -4 and -8)	4	
	---*---				
-2	6939-632-.375		. NUT, (Tinnerman)	4	
-3	AN515-6R12		. SCREW	4	
-4	170-58173-11		. BRACKET ASSY, Hydraulic accumulator air pressure gage fus . . sta 204.5 canted (used on 170-58639-7 and -11)	1	
	170-58173-9		. BRACKET ASSY, Hydraulic accumulator air pressure gage fus . . sta 204.5 canted (used on 170-58639-5 and -9)	1	
	170-58173-7		. BRACKET ASSY, Hydraulic accumulator air pressure gage fus . . sta 204.5 canted (used on 170-58639-4 and -8)	1	
-5	AN833-4		. ELBOW	1	A
	AN833-4D		. ELBOW	1	B
-6	AN6289-4		. NUT	1	
-7	AN6291-4		. RING	1	A
	5R15-4		. RING, Split back-up (North American)	1	C,D
-8	AN6290-4		. GASKET	1	
-9	AN5771T7A		. GAGE, Single 1 7/8 dial pressure (GFAE)	1	

*1 Parts marked thus not used on airplanes modified in accordance with T. O. 1F-86-226.

USEABLE ON CODE: A 51-2850 thru 52-4604 C 52-4604 thru 52-5063, D 52-4605 thru 52-5530
B 52-4605 and subs 52-5272 thru 52-5386

FUSELAGE HYDRAULICS (Cont)

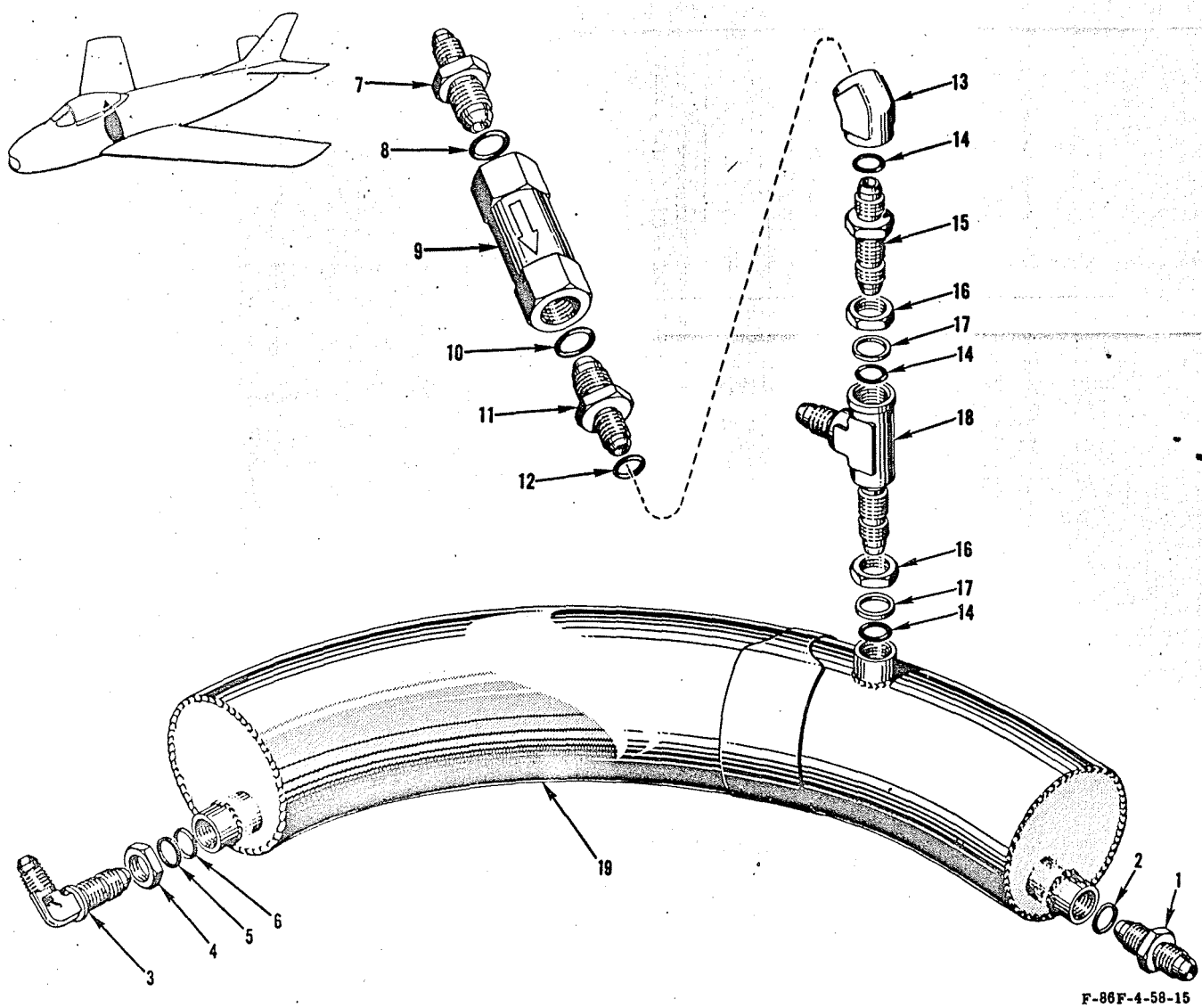


FIGURE 253 - COMPLETE HYDRAULIC AIR STORAGE RESERVOIR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
253	170-58650-5	RESERVOIR ASSY, Hydraulic air storage complete (see fig. 239 for next assy)	Ref	
-1	AN815-4D	. UNION	1	
-2	AN6290-4	. GASKET	1	
-3	AN833-4D	. ELBOW	1	
-4	AN6289-4	. NUT	1	
-5	5R15-4	. RING, Split back-up (North American)	1	
-6	AN6290-4	. GASKET	1	
-7	AN919-6D	. REDUCER	1	
-8	AN6290-6	. GASKET	1	
-9	311826-1	. VALVE ASSY, High temperature swing check (Gladden) (intrch wth Bertea MCV6-07)	1	
-10	AN6290-6	. GASKET	1	
-11	AN919-6D	. REDUCER	1	
-12	AN6290-4	. GASKET	1	
-13	AN928-4D	. ELBOW	1	
-14	AN6290-4	. GASKET	3	
-15	AN832-4D	. UNION	1	
-16	AN6289-4	. NUT	2	
-17	5R15-4	. RING, Split back-up (North American)	2	
-18	AN784D4	. TEE	1	
-19	170-58050	. RESERVOIR ASSY, Hydraulic air storage utility	1	

FUSELAGE HYDRAULICS (Cont)

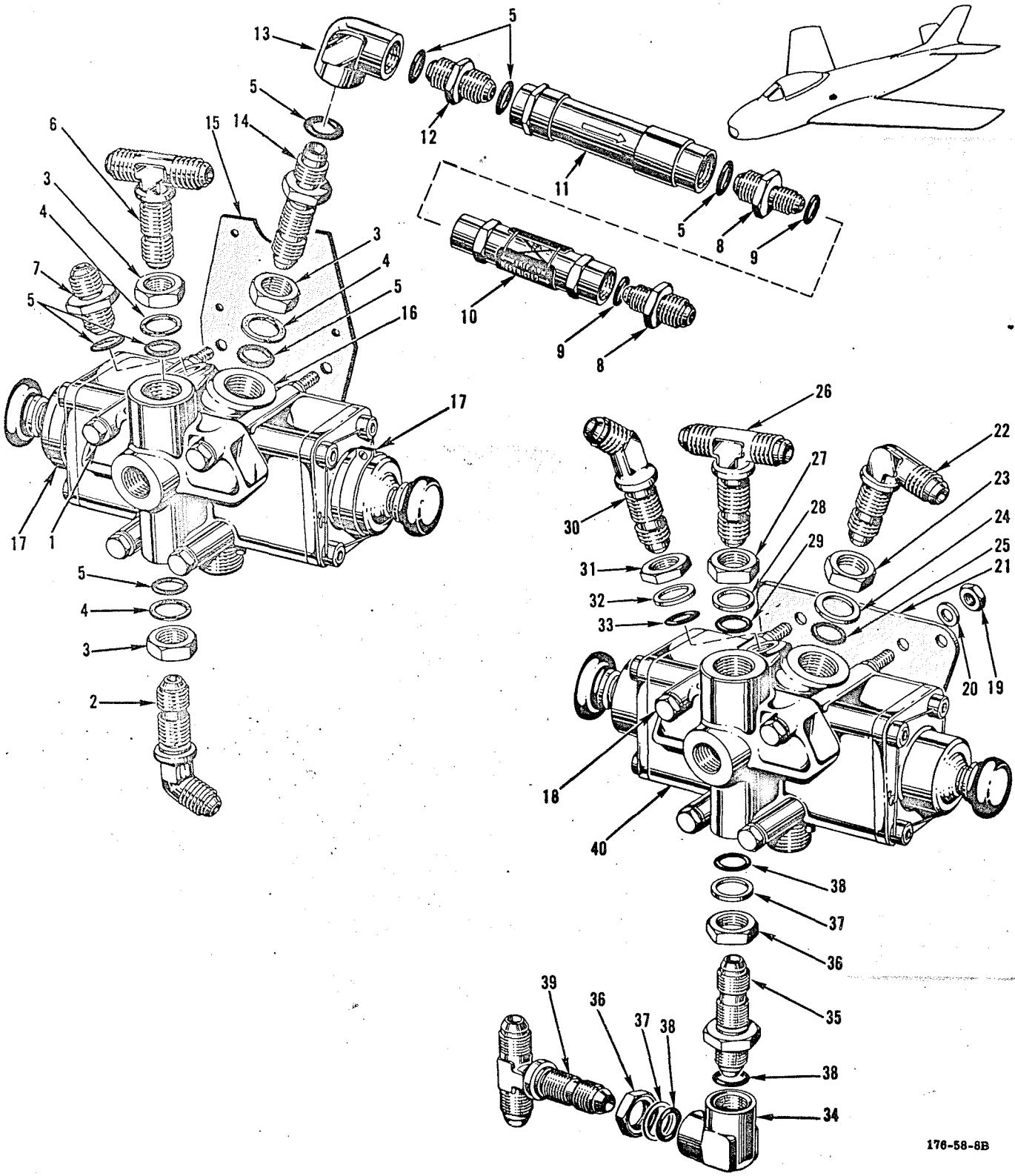


FIGURE 254 - HYDRAULIC SELECTOR VALVES

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
254			HYDRAULIC SELECTOR VALVES		
	172-58636	.	VALVE ASSEMBLY, Hydraulic speed brake selector complete (see figure 255 for next assembly)	Ref	A
			ATTACHING PARTS		
-1	AN3-4A	.	BOLT	4	A
			---*---		
-2	AN837-8D	. .	ELBOW	1	A
-3	AN6289D8	. .	NUT	3	A
-4	AN6291-8	. .	RING	3	A
-5	AN6290-8	. .	GASKET	8	A
-6	AN834-8D	. .	TEE	1	A
-7	AN815-8D	. .	UNION	1	A
-8	AN919-12D	. .	REDUCER	2	A
-9	AN6290-6	. .	GASKET	2	A
-10	151-58086-3	. .	VALVE ASSY, Hydraulic one-way restrictor (refer to T. O. 9H8-5-15-4 for breakdown)	1	A
-11	831-8-1.00	. .	FUSE ASSY, Hydraulic type 1 (Waterman)	1	A
-12	AN815-8D	. .	UNION	1	A
-13	AN927-8D	. .	ELBOW	1	A
-14	AN832-8D	. .	UNION	1	A
-15	172-58117	. .	PLATE, Hydraulic speed brake valve support	1	A
-16	9600	. .	VALVE ASSEMBLY, Electric selector (Weston Hydraulics)	1	A
-17	8417	. .	SHIELD ASSY, Hydraulic (Weston Hydraulics)	2	A
	172-58679	.	VALVE ASSEMBLY, Hydraulic speed brake selector complete (see figure 255 for next assembly)	1	C
	172-58679-3	.	VALVE ASSEMBLY, Hydraulic speed brake selector complete (see figure 255 for next assembly)	1	D
			ATTACHING PARTS		
-18	AN3-4A	.	BOLT	4	B
			---*---		
-19	AN365-428	. .	NUT	4	B
-20	AN960-416	. .	WASHER	12	B
-21	172-58213	. .	PLATE, Hydraulic speed brake valve support	1	B
-22	AN833-8D	. .	ELBOW	1	B
-23	AN6289D8	. .	NUT	1	B
-24	AN6291-8	. .	RING	1	B
-25	AN6290-8	. .	GASKET	1	B
-26	AN834-8D	. .	TEE	1	B
-27	AN6289D8	. .	NUT	1	B
-28	AN6291-8	. .	RING	1	B
-29	AN6290-8	. .	GASKET	1	B
-30	AN837-8D	. .	ELBOW	1	B
-31	AN6289D8	. .	NUT	1	B
-32	AN6291-8	. .	RING	1	B
-33	AN6290-8	. .	GASKET	1	B
-34	AN927-8D	. .	ELBOW	1	B
-35	AN832-8D	. .	UNION	1	B
-36	AN6289D8	. .	NUT	2	B
-37	AN6291-8	. .	RING	2	B
-38	AN6290-8	. .	GASKET	3	B
-39	AN834-8D *1	. .	TEE	1	C
	AN833-8D	. .	ELBOW	1	D
-40	9600	. .	VALVE ASSEMBLY, Electric selector (Weston Hydraulics)	1	B

*1 Not used on airplanes modified in accordance with T. O. 1F-86-226.

USEABLE ON CODE:
A 51-2850 thru 51-2927
B 51-2928 and subs
C 51-2928 thru 52-5063, 52-5272 thru 52-5386
D 52-5064 thru 52-5271, 52-5387 thru 52-5530

FUSELAGE HYDRAULICS (Cont)

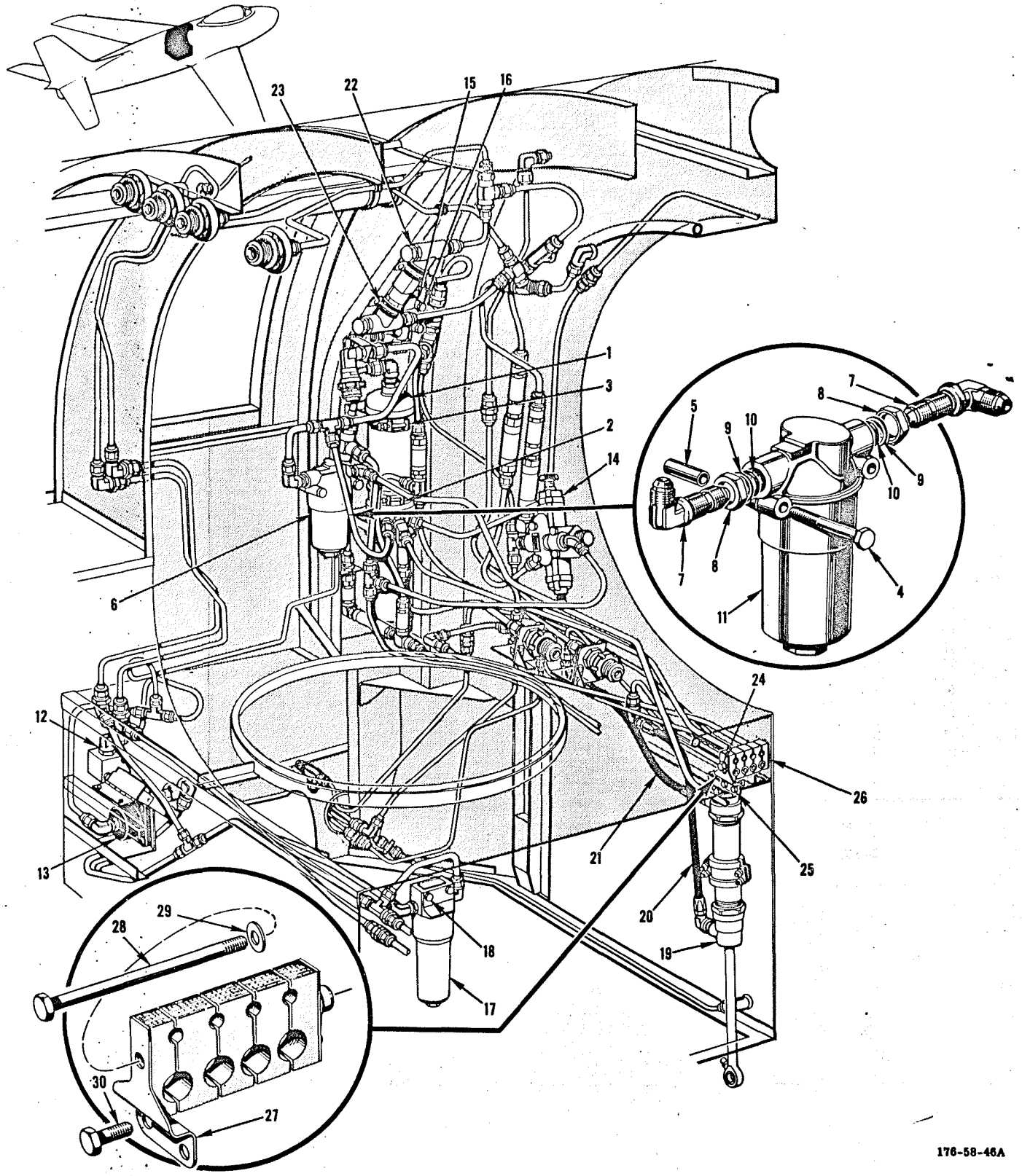


FIGURE 255 - HYDRAULIC EQUIPMENT INSTALLATION FUSELAGE STATION 178 TO STATION 236 LH SIDE

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
255	172-58065	HYDRAULIC EQUIPMENT INST FUS STA 178 TO 236 LH SIDE, (see figure 108 for next assembly)	NP	
	No Number	. FUSELAGE STATION 178 TO 236 HYDRAULICS LINES AND FITTINGS LH SIDE, (see fig. 256 for breakdown)	NP	
	No Number	. FUSELAGE STATION 178 TO 236 HYDRAULIC LINES AND FITTINGS LH SIDE, (Cont) (see fig. 257 for breakdown)	NP	
	No Number	. FUSELAGE STATION 178 TO 236 MISCELLANEOUS HYDRAULIC LINES AND FITTINGS LH SIDE,(see fig. 258 for breakdown)	NP	
	No Number	. FUSELAGE STATION 178 TO 236 HYDRAULIC SPEED BRAKE LINES AND FITTINGS LH SIDE,(see figure 259 for breakdown)	NP	
	No Number	. FUSELAGE STATION 190 HYDRAULIC SPEED BRAKES ONE-WAY. RESTRICTORS, (see fig. 220 for breakdown)	NP	
-1	172-58607-5	. ACCUMULATOR ASSY, Hyd power control sys complete (see fig.275)	1	E
	172-58607-7	. ACCUMULATOR ASSY, Hyd power control sys complete (see fig.275)	1	J
	172-58607-9	. ACCUMULATOR ASSY, Hyd power control sys complete (see fig.275)	1	K
	ATTACHING PARTS			
-2	U12-.625-63-381SH	. CLAMP ASSY, (National Utilities)	1	
-3	U12-.625-63-375SH	. CLAMP ASSY, (National Utilities)	1	
	---*---			
-4	AN4-25A	. BOLT	2	
-5	NAS43DD4-40	. SPACER, Screw and bolt	2	
-6	172-58612-5	. FILTER ASSY, Hyd power control return system complete	1	
-7	AN833-8D	. . ELBOW	2	
-8	AN6289D8	. . NUT	2	
-9	AN6291-4	. . RING	2	
-10	AN6290-4	. . GASKET	2	
-11	28090B	. . FILTER, Hyd replaceable element line (Skinner)(AN6234-3)	1	
-12	170-58643-1	. VALVE ASSY, Hyd accumulator air mount complete LH (see fig. 271 for breakdown and attaching parts)	1	E
	170-58643-5	. VALVE ASSY, Hyd accumulator air mount complete LH (see fig. 271 for breakdown and attaching parts)	1	F
-13	170-58639-7	. GAGE ASSY, Hyd accumulator air press. complete sta 204.5 canted (see fig. 252 for breakdown & attaching parts)	1	E
	170-58639-11	. GAGE ASSY, Hyd accumulator air press. complete sta 204.5 canted (see fig. 252 for breakdown & attaching parts)	1	L
-14	172-58636	. VALVE ASSY, Hyd speed brake selector complete (see fig. 254 for breakdown and attaching parts)	1	A
	172-58679	. VALVE ASSY, Hyd speed brake selector complete (see fig. 254 for breakdown and attaching parts)	1	B
-15	172-58606	. VALVE ASSY, Hyd utility sys relief complete (see fig. 213)	1	D
	172-58606-3	. VALVE ASSY, Hyd utility sys relief complete (see fig. 213)	1	C
	172-58606-5	. VALVE ASSY, Hyd utility sys relief complete (see fig. 213)	1	F
	ATTACHING PARTS			
-16	AN3-21A	. BOLT	3	
	---*---			
-17	170-58656-7	. FILTER ASSY, Hyd power control 6 tube size (see fig. 273)	1	E
	170-58656-13	. FILTER ASSY, Hyd power control 6 tube size (see fig. 273)	1	F
	ATTACHING PARTS			
-18	AN4-20A	. BOLT	2	
	AN960D416	. WASHER	2	
	---*---			
-19	151-58641-5	. CYLINDER ASSY, Hyd main landing gear fairing door complete (see fig. 260 for breakdown and attaching parts)	1	E
	151-58641-11	. CYLINDER ASSY, Hyd main LG fairing door complete (see fig. 260 for bkdn & attaching parts) (use 151-58641-7 until exh)	1	F
-20	3H3-4-14	. HOSE ASSY, Hyd plastic covered (North American) (altered from AN6271)	1	
-21	3H3-4-12	. HOSE ASSY, Hyd plastic covered (North American) (altered from AN6271)	1	
-22	172-58646	. VALVE ASSY, Hyd speed brake thermal relief complete (see fig. 229 for breakdown)	1	G
	172-58646-3	. VALVE ASSY, Hyd speed brake thermal relief complete (see fig. 229 for breakdown)	1	H
	172-58646-5	. VALVE ASSY, Hyd speed brake thermal relief complete (see fig. 229 for breakdown)	1	F
	ATTACHING PARTS			
-23	AN742D14C	. CLAMP	2	
	AN520-10R8	. SCREW	2	
	AN365-1032	. NUT	2	
	---*---			
-24	AN3-31A	. BOLT	1	A
-25	AN3-5A	. BOLT	2	A
-26	172-58126	. SUPPORT ASSY, Hydraulic fus sta 178 line block	1	A
-27	172-58224	. SUPPORT ASSY, Hydraulic fus sta 178 line block	1	B
-28	AN3-32A	. . BOLT	1	B
-29	AN960D10	. . WASHER	1	B
-30	AN3-5A	. BOLT	2	B

USEABLE ON CODE:

A	51-2850 thru 51-2927	F	52-4605 and subs	J	52-4605 thru 52-5163, 52-5272 thru 52-5530
B	51-2928 and subs	G	51-2850 thru 51-2929 51-13070 thru 51-13089	K	52-5164 thru 52-5271, 53-1072 thru 53-1228
C	51-2850 thru 51-13510	H	51-2930 thru 51-12976, 51-13090 thru 52-4604	L	52-4605 thru 52-5530
D	52-4305 thru 52-4604				
E	51-2850 thru 52-4604				

FUSELAGE HYDRAULICS (Cont)

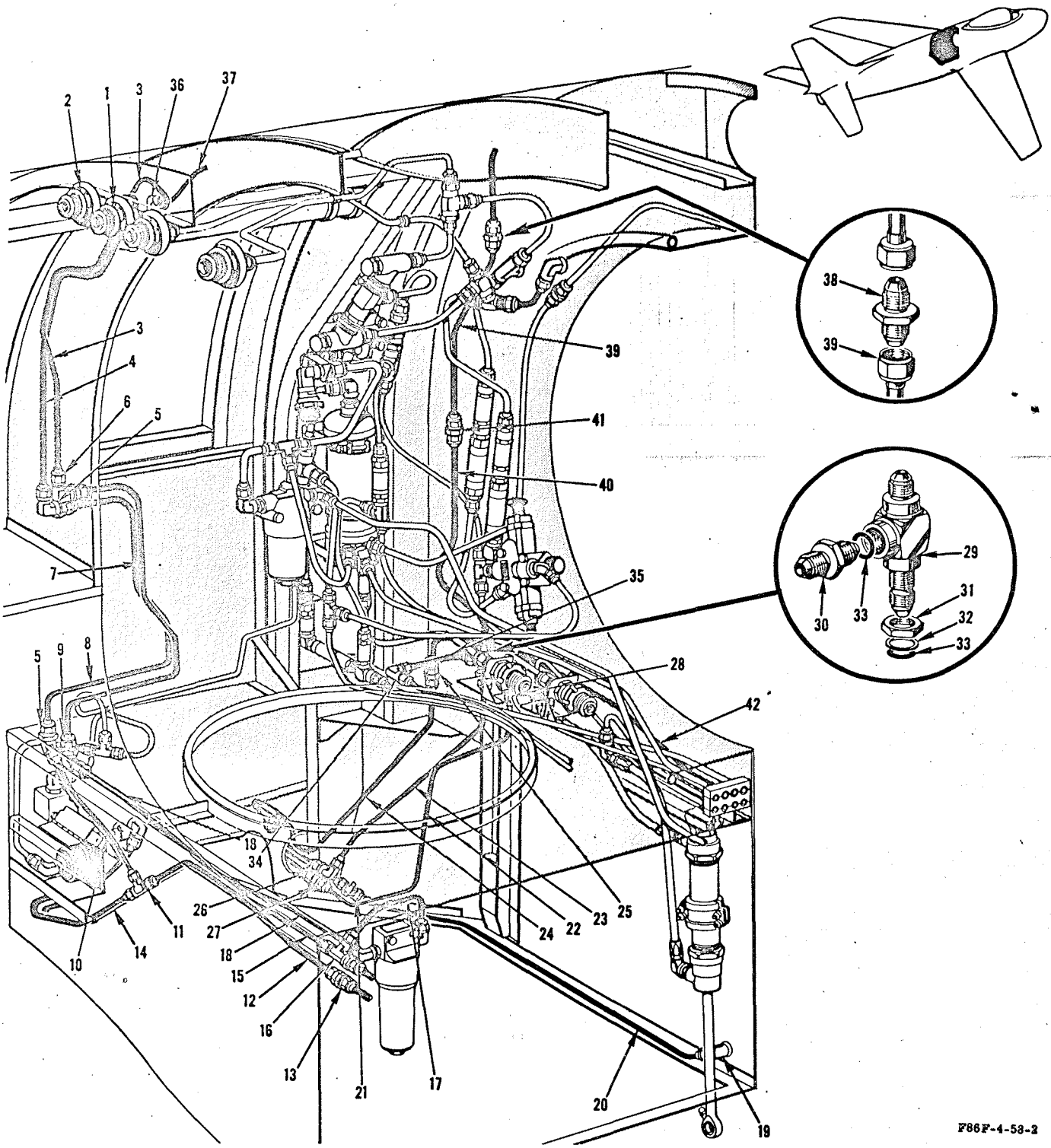


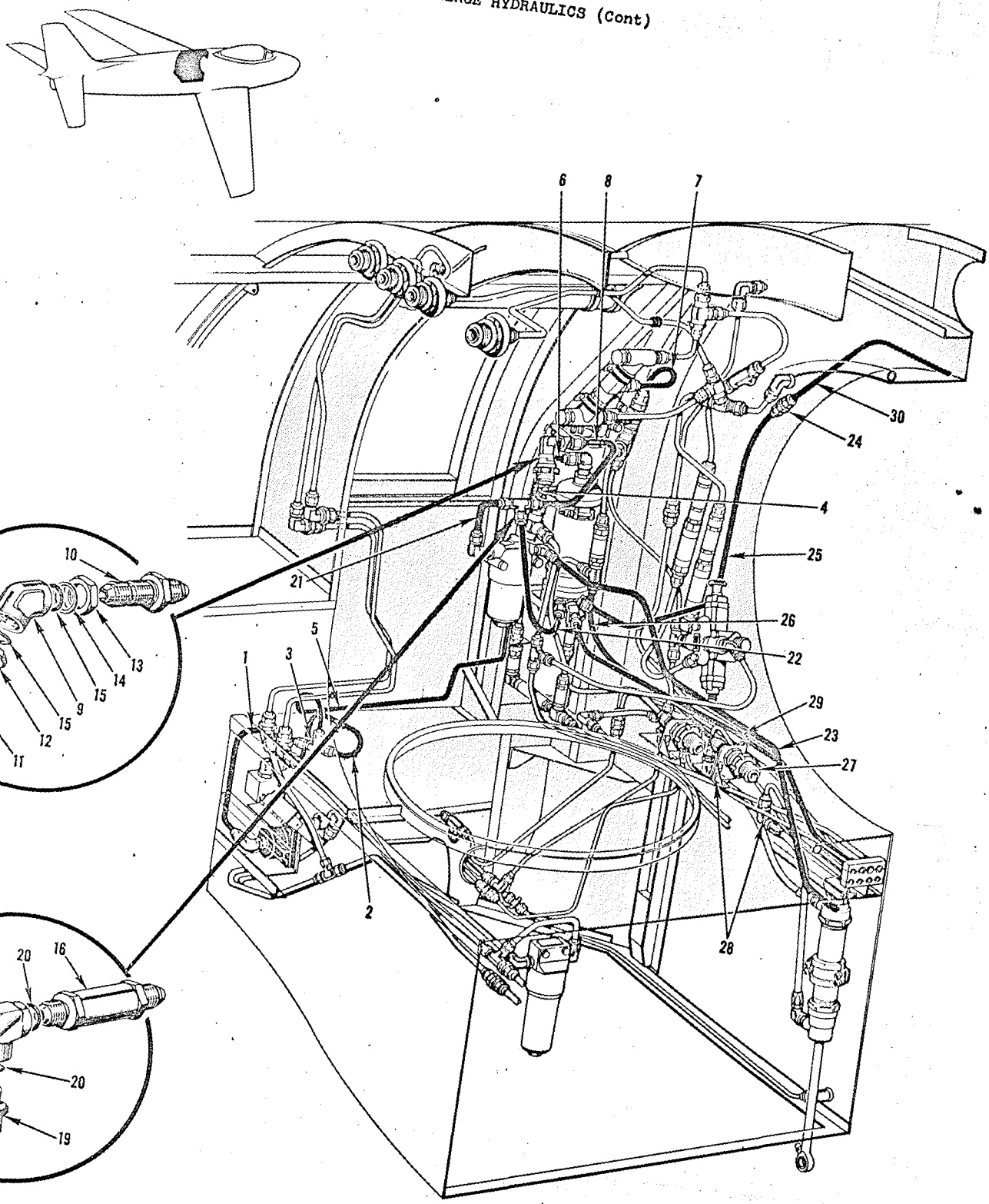
FIGURE 256 - FUSELAGE STATION 178 TO 236 HYDRAULIC LINES AND FITTINGS LH SIDE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
256	No. Number	FUSELAGE STATION 178 TO 236 HYDRAULIC LINES AND FITTINGS LH SIDE, (see fig. 255 for next assy)	NP	
	155S2-6S	. FITTING, Quick disconnect (Aeroquip)	1	
	AN924-6D	. NUT	1	
-2	155S2-6S	. FITTING, Quick disconnect (Aeroquip)	1	L
	6525E6	. NIPPLE ASSY, 3/8 self-seal bayonet lock (Wiggins)	1	M,N
	AN924-6D	. NUT	1	
-3	172-58817-39	. LINE ASSY, Pressure disconnect sta 215 to elbow sta 204	1	F
	191-58811-27	. LINE ASSY, Pressure disconnect sta 215 to elbow sta 204	1	G

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
256-4	172-58817-57		LINE ASSY, Emer power return, disconnect to elbow sta 204	1	
-5	AN833-6		ELBOW	2	F
	AN833-6D		ELBOW	2	G
	AN960D916		WASHER	2	
	AN924-6D		NUT	2	
-6	AN833-6D		ELBOW	1	
	AN960D916		WASHER	1	
	AN924-6D		NUT	1	
-7	172-58817-41		LINE ASSY, Emer power press. elbow sta 205 to elbow sta 204	1	A
	172-58815-79		LINE ASSY, Emer power press. elbow sta 205 to elbow sta 204	1	H
	191-58811-21		LINE ASSY, Emer power press. elbow sta 205 to elbow sta 204	1	G
-8	172-58817-55		LINE ASSY, Emer power return from elbow sta 204 to 205 LH	1	A
	172-58815-81		LINE ASSY, Emer power return from elbow sta 204 to 205	1	B
-9	AN837-6D		ELBOW	1	
	AN960D916		WASHER	1	
	AN924-6D		NUT	1	
-10	172-58817-53		LINE ASSY, Emer power return elbow sta 204 to tee sta 205	1	
-11	AN824-6D		TEE	1	
-12	172-58817-51		LINE ASSY, Emer power return union C_L to tee sta 204 LH	1	
-13	AN832-6D		UNION	1	
	AN924-6D		NUT	1	
-14	172-58817-49		LINE ASSY, Emer power return from elbow LH to tee sta 204	1	
-15	172-58817-47		LINE ASSY, Pressure tee C_L of ship to bulkhead elbow	1	F
	191-58811-33		LINE ASSY, Pressure tee C_L of ship to bulkhead elbow	1	G
-16	AN804-6		TEE	1	F
	AN804D6		TEE	1	G
	AN960D916		WASHER	1	
	AN924-6D		NUT	1	
-17	172-58817-45		LINE ASSY, Emer power press. filter to bulkhead tee	1	F
	191-58811-31		LINE ASSY, Emer power press. filter to bulkhead tee	1	F
-18	172-58817-43		LINE ASSY, Emer power press. elbow sta 205 to filter	1	F
	191-58811-29		LINE ASSY, Emer power press. elbow sta 205 to filter	1	G
-19	AN833-4D		ELBOW	1	
	AN960D716		WASHER	1	
	AN924-4D		NUT	1	
-20	172-58817-75		LINE ASSY, Brake press. elbow sta 178 to union LH wheel well	1	
-21	AN815-4D		UNION	1	
-22	172-58817-73		LINE ASSY, LG up, elbow sta 180 to union LH wheel well	1	F
	191-58811-11		LINE ASSY, LG up, elbow sta 180 to union LH wheel well	1	G
-23	172-58815-41		LINE ASSY, Power vent, tee on floor RH to elbow LH sta 187	1	F,J
	191-58821-7		LINE ASSY, Flight control vent, from elbow sta 187 to tee in wheel well	1	K
-24	172-58817-71		LINE ASSY, LG down, union sta 181 to tee LH wheel well	1	F
	191-58811-9		LINE ASSY, LG down, union sta 181 to tee LH wheel well	1	J
	191-58821-5		LINE ASSY, LG down, elbow on floor LH to tee in wing LH	1	K
-25	AN832-4		UNION	1	A
	AN837-4		ELBOW	1	H
	AN837-4D		ELBOW	1	J
	AN833-4D		ELBOW	1	K
-26	AN821-6D		ELBOW	1	
-27	AN815-4		UNION	1	F
	AN815-4D		UNION	1	G
-28	AN833-4		ELBOW	1	F
	AN833-4D		ELBOW	1	G
	AN924-4D		NUT	1	
	AN960D716		WASHER	1	
-29	AN783-6D		TEE	1	
-30	AN919-6D		REDUCER	1	
-31	AN924-6D		NUT	1	
-32	AN960D916		WASHER	1	
-33	AN6290-6		GASKET	2	
-34	AN821-4D		ELBOW	1	
-35	172-58815-39		LINE ASSY, Shaft seal drain elbow sta 185 to tee sta 179	1	
-36	AN822-4		ELBOW	1	F
	AN822-4D		ELBOW	1	G
-37	172-58817-77		LINE ASSY, Air press. H & V duct sta 202 to filters RH	1	C
	172-58818-49		LINE ASSY, Air press. H & V duct sta 202 to filters RH	1	D,E
	191-58811-19		LINE ASSY, Air press. H & V duct sta 202 to filters RH	1	G
-38	AN815-6D		UNION	1	
-39	172-58815-35		LINE ASSY, Power reservoir vent, union sta 188 to nose sta 180	1	A
	172-58806-31		LINE ASSY, Reservoir vent, elbow sta 188 to union sta 184	1	B
-40	172-58806-33		LINE ASSY, Reservoir vent, union sta 184 to tee on floor	1	B
-41	AN815-6D		UNION	1	B
-42	176-58817-13		LINE ASSY, LG down, cross sta 183 RH to union on floor station 181 LH (see figure 240)	Ref	

USEABLE ON CODE:
A 51-2850 thru 51-2927
B 51-2928 and subs
C 51-2850 thru 51-2929, 51-13070 thru 51-13089
D 51-2930 thru 51-12976, 52-4305 thru 52-4604
E 51-13090 thru 51-13510
F 51-2850 thru 52-4604
G 52-4605 and subs
H 51-2928 thru 52-4604
J 52-4605 thru 52-5163, 52-5272 thru 52-5530
K 52-5164 thru 52-5271, 53-1072 thru 53-1228
L 51-2850 thru 53-1146
M 53-1147 thru 53-1228
N 55-3816 and subs



F-86F-4-58-21

FIGURE 257 - FUSELAGE STATION 178 TO 236 HYDRAULIC LINES AND FITTINGS (Cont)

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
257	No Number	FUSELAGE STATION 178 TO 236 HYDRAULIC LINES AND FITTINGS . . . . CONTINUED LH SIDE (see fig. 255 for next assembly)	NP	
-1	172-58817-65	. LINE ASSY, Air press. bulkhead tee sta 205 to air gage . . .	1	A
	191-58811-5	. LINE ASSY, Air press. bulkhead tee sta 205 to air gage . . .	1	B
-2	172-58817-67	. LINE ASSY, Air press. air filter to bulkhead tee sta 205 . .	1	A
	191-58811-7	. LINE ASSY, Air press. air filter to bulkhead tee sta 205 . .	1	B
-3	AN834-4	. TEE	1	A
	AN834-4D	. TEE	1	B
	AN960D716	. WASHER	1	
	AN924-4D	. NUT	1	
-4	AN815-4	. UNION	1	A
	AN815-4D	. UNION	1	B
-5	172-58817-69	. LINE ASSY, Air press. bulkhead tee sta 205 to union sta 187	1	C
	172-58815-77	. LINE ASSY, Air press. bulkhead tee sta 205 to union sta 187	1	D
	191-58811-3	. LINE ASSY, Air press. bulkhead tee sta 205 to union sta 187	1	B
-6	172-58817-79	. LINE ASSY, Air press. union sta 187 to power control . . . . accumulator LH	1	A
	191-58811-13	. LINE ASSY, Air press. union sta 187 to power control . . . . accumulator LH	1	B
-7	172-58815-3	. LINE ASSY, Utility return tee thermal relief valve sta 190.4 to tee on relief valve sta 182	1	
-8	176-58817-37	. LINE ASSY, Flight control case drain from disconnect sta . . 190 to check valve station 184	1	
-9	AN928-6D	. ELBOW	1	
-10	AN832-6D	. UNION	1	
-11	155S2-6	. FITTING, Quick disconnect (Aeroquip)	1	
-12	AN924-6D	. NUT	1	
-13	AN6289D6	. NUT	1	
-14	AN6291-6	. RING	1	
-15	AN6290-6	. GASKET	2	
-16	AN6207-6	. VALVE ASSY, 1500 PSI Hydraulic check	1	
-17	AN926-6D	. TEE	1	
-18	AN815-6D	. UNION	1	
-19	AN919-12D	. REDUCER	1	
-20	AN6290-6	. GASKET	3	
-21	176-58817-35	. LINE ASSY, Flight return from tee sta 190 LH to filter LH .	1	
-22	176-58817-33	. LINE ASSY, Flight return from flight control accumulator . . LH to tee station 190 LH	1	
-23	176-58817-23	. LINE ASSY, Flight return from filter LH to union station . . 185 RH	1	C
	172-58806-19	. LINE ASSY, Flight return from filter LH reservoir RH . . . . station 185	1	D,B
-24	AN815-8D	. UNION	1	A,E
	AN919-12D	. REDUCER	1	F
-25	172-58805-41	. LINE ASSY, Power return accumulator to union sta 181 LH . .	1	A,E
	191-58821-9	. LINE ASSY, Flight control return from 45° elbow in . . . . . accumulator to reducer sta 178	1	F
-26	172-58817-25	. LINE ASSY, Power control press. from disconnect station . . 181 to check valve on accumulator	1	A
	191-58811-35	. LINE ASSY, Power control press. from disconnect station . . 181 to check valve on accumulator	1	B
-27	155S2-8D	. FITTING, Quick disconnect (Aeroquip) (use 155S2-8 until exh) .	1	
	AN924-8D	. NUT	1	
-28	AN833-4	. ELBOW	2	A
	AN833-4D	. ELBOW	2	B
	AN960D716	. WASHER	2	
	AN924-4D	. NUT	2	
-29	172-58817-13	. LINE ASSY, Power control press. from accumulator tee to . . union station 185 LH	1	C
	172-58806-17	. LINE ASSY, Flight control press. from accumulator tee LH . . to tee station 190 RH	1	D
	191-58811-39	. LINE ASSY, Flight control press. from accumulator tee LH . . to tee station 190 RH	1	B
-30	172-58805-43	LINE ASSY, Power control return from union sta 183 LH to tee . . station 183 RH (see figure 240)	Ref	

USEABLE ON CODE:
A 51-2850 thru 52-4604
B 52-4605 and subs
C 51-2850 thru 51-2927
D 51-2928 thru 52-4604
E 52-4604 thru 52-5163
52-5272 thru 52-5530
F 52-5164 thru 52-5271
53-1072 thru 53-1228

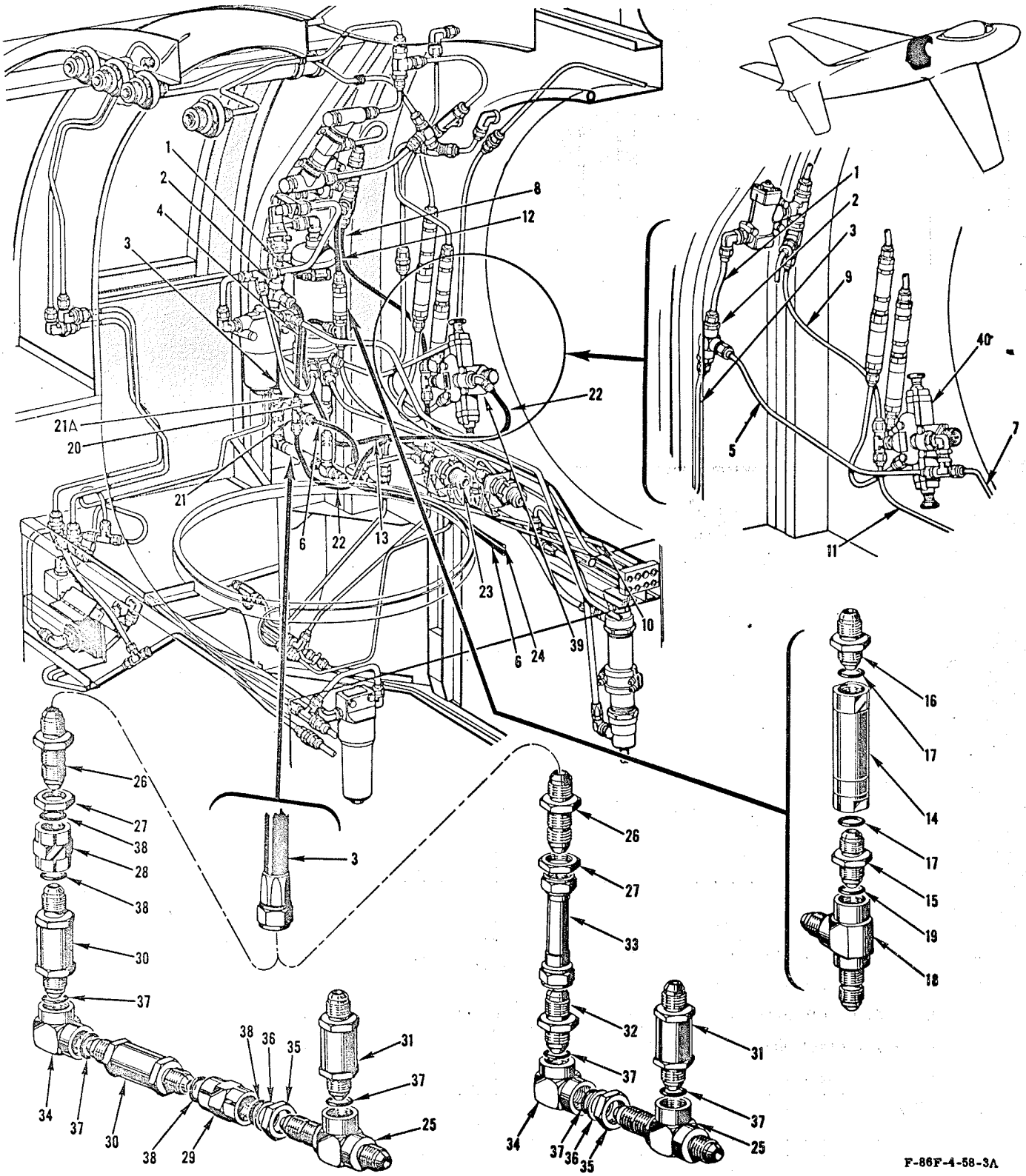


FIGURE 258 - FUSELAGE STATION 178 TO STATION 236 HYDRAULIC MISCELLANEOUS LINES AND FITTINGS

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
258	No Number		FUSELAGE STATION 178 TO 236 HYDRAULIC LINES AND FITTINGS, (Cont) LH side (see figure 255 for next assembly)	NP	
-1	172-58817-37		. LINE ASSY, Utility press. tee sta 188 to relief valve	1	A
	191-58811-25		. LINE ASSY, Utility press. tee sta 188 to relief valve	1	B
-2	AN784D8		. TEE	1	
	AN919-12		. REDUCER	1	A
	AN919-12D		. REDUCER	1	B
	AN6290-8		. GASKET	1	
-3	172-58814-47		. LINE ASSY, Press. check valve sta 188 to tee	1	
-4	172-58815-37		. LINE ASSY, System pressure tee to tee sta 188	1	C
-5	172-58806-29		. LINE ASSY, Sys press. tee sta 188 to tee on selector valve	1	D
	191-58811-45		. LINE ASSY, Sys press. tee sta 188 to tee on selector valve	1	B
-6	176-58817-25	*1	. LINE ASSY, Sys press. tee sta 188 LH to tee sta 181 RH	1	C
-7	172-58806-27	*1	. LINE ASSY, Sys press. tee on sel valve to union sta 181 RH	1	D
	191-58811-43	*1	. LINE ASSY, Sys press. tee on sel valve to union sta 181 RH	1	B
-8	172-58815-59		. LINE ASSY, Utility return, relief valve to speed brake selector valve LH	1	C
-9	172-58805-21		. LINE ASSY, Utility return, relief valve to speed brake selector valve LH	1	G
	172-58805-51		. LINE ASSY, Utility return, relief valve to speed brake selector valve LH	1	H
	191-58811-79		. LINE ASSY, Utility return from system relief valve LH to speed brake selector valve LH	1	J
-10	176-58817-17		. LINE ASSY, Utility return, speed brake selector valve LH to tee station 182 RH	1	C
-11	172-58805-19		. LINE ASSY, Utility return, speed brake selector valve LH to tee station 182 RH	1	D,B
-12	176-58817-31		. LINE ASSY, Utility return, purge valve to utility system relief valve	1	E
-13	176-58817-27		. LINE ASSY, Utility press. disconnect sta 183 to tee sta 184	1	E
	172-58805-53		. LINE ASSY, Utility press. tee sta 184 to check valve	1	F
	191-58811-55		. LINE ASSY, Utility press. tee sta 184 to check valve	1	B
-14	1116-51.7126		. VALVE ASSY, Hydraulic purge check (Parker Aircraft)	1	E
-15	AN815-6D		. UNION	1	E
-16	AN919-12		. REDUCER	1	E
-17	AN6290-6		. GASKET	2	E
-18	AN784-8		. TEE	1	E
-19	AN6290-8		. GASKET	1	E
-20	176-58817-29		. LINE ASSY, Utility press. tee sta 184 to check valve	1	E
	172-58805-53		. LINE ASSY, Utility press. tee sta 184 to check valve	1	F
	191-58811-55		. LINE ASSY, Utility press. tee sta 184 to check valve	1	B
-21	AN824-8D	*1	. TEE	1	C
-21A	AN832-8D	*2	. UNION	1	C
-22	176-58817-21		. LINE ASSY, Sys press. tee sta 188 to speed brake sel valve	1	C
-23	155S2-8D	*3	. FITTING, Quick disconnect (Aeroquip)	1	
	AN924-8D		. NUT	1	
-24	176-58817-19		. LINE ASSY, Utility press. tee sta 188 LH to union sta 180 RH.	1	C
	172-58806-23		. LINE ASSY, Utility press. disconnect sta 183 to check valve	1	D
	191-58811-41		. LINE ASSY, Utility press. disconnect sta 183 to check valve	1	B
-25	AN783D8		. TEE	1	
-26	AN832-8D		. UNION	1	
-27	AN924-8D		. NUT	1	
-28	NAS424-8D		. COUPLING, Fittings internal screw thread	1	K
-29	NAS424-8D		. COUPLING, Fittings internal screw thread	1	K
-30	12-347-5		. VALVE, 3000 psi hydraulic check (Parker Aircraft)(AN6249-8)	2	K
-31	12-347-5		. VALVE, 3000 psi hydraulic check (Parker Aircraft)(AN6249-8)	1	
-32	AN815-8D		. UNION	1	M
-33	191-58811-67		. LINE ASSY, Utility press. from union fus sta 182 to union bracket fus sta 188 LH	1	M
-34	AN927-8D		. ELBOW, 3000 psi hydraulic check	1	
-35	AN6289D8		. NUT	1	
-36	AN6291-8		. RING	1	
-37	AN6290-8		. GASKET	3	
-38	AN6290-8		. GASKET	4	K
-39	172-58636		VALVE ASSY, Hyd speed brake selector complete (see fig. 255)	Ref	
-40	172-58679		VALVE ASSY, Hyd speed brake selector complete (see fig. 255)	Ref	

*1 Parts marked thus not used on airplanes modified in accordance with T. O. 1F-86-226.
*2 Parts marked thus used on airplanes modified in accordance with T. O. 1F-86-226.
*3 Use Aeroquip 155S2-8 until exh.

USEABLE ON CODE:
A 51-2850 thru 52-4604
B 52-4605 and subs
C 51-2850 thru 51-2927
D 51-2928 thru 52-4604
E 51-2850 thru 51-13510
F 52-4305 thru 52-4604
G 51-2928 thru 51-13510
H 52-4305 thru 52-5163, 52-5272 thru 52-5530
J 52-5164 thru 52-5271, 53-1072 and subs
K 51-2850 thru 52-5063, 52-5272 thru 52-5386
M 52-5064 thru 52-5271, 52-5387 and subs

FUSELAGE HYDRAULICS (Cont)

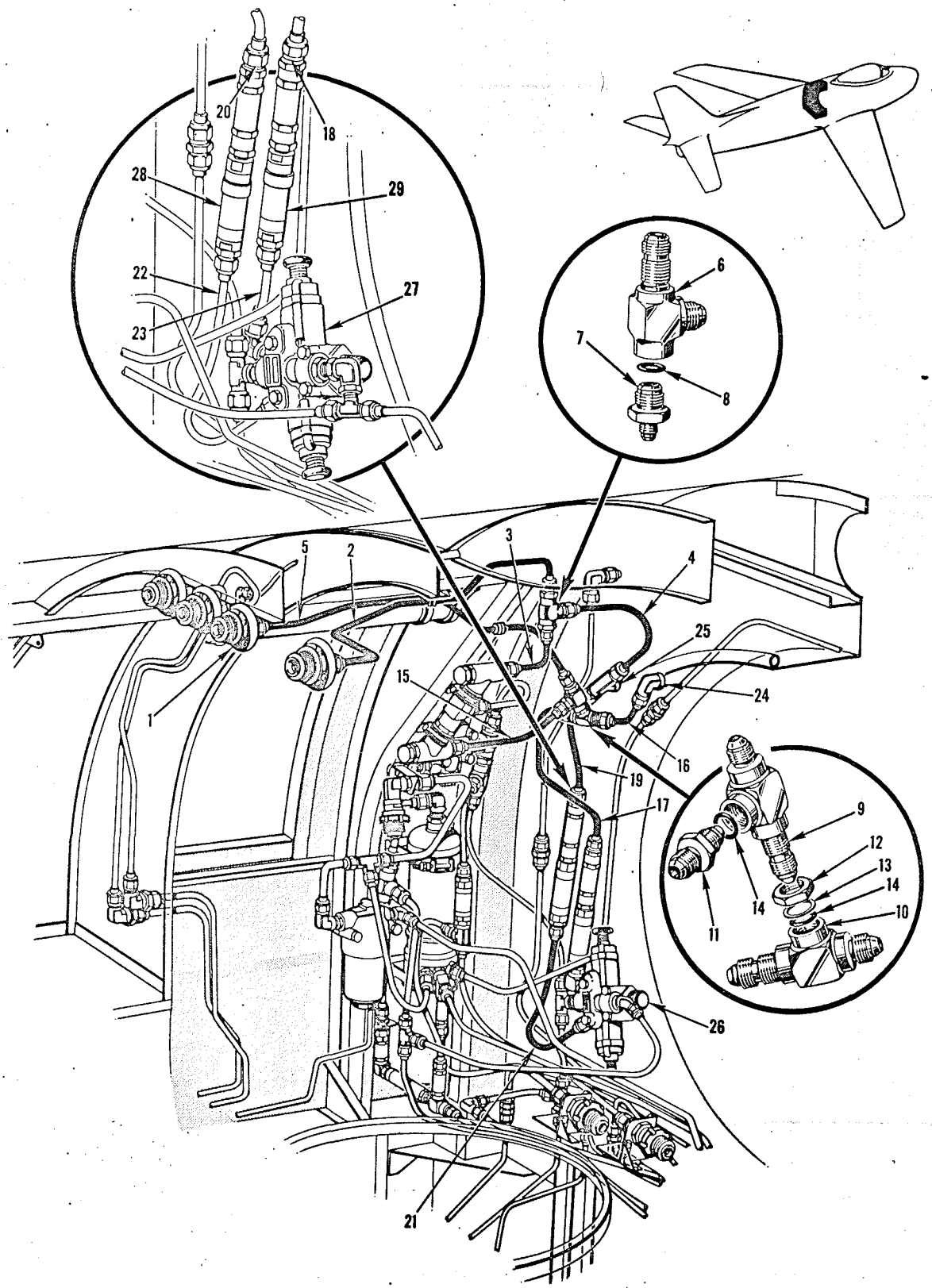


FIGURE 259 - FUSELAGE STATION 178 TO 236 HYDRAULIC SPEED BRAKE LINES AND FITTINGS LH SIDE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
259	No Number	FUSELAGE STATION 178 TO 236 HYDRAULIC SPEED BRAKE LINES AND FITTINGS, LH side (see fig. 255 for next assy)	NP	
-1	155S2-8	. FITTING, Disconnect (Aeroquip)	1	
	AN924-8D	. NUT	1	
-2	172-58815-61	. LINE ASSY, Speed brake closed, tee sta 181 to disconnect station 215 RH	1	A
	191-58811-59	. LINE ASSY, Speed brake closed, tee sta 181 to disconnect station 215 RH	1	B
-3	172-58815-5	. LINE ASSY, Dive brake closed, tee sta 184 to thermal relief valve sta 190	1	C
	172-58818-63	. LINE ASSY, Dive brake closed, tee sta 184 to thermal relief valve sta 190	1	D
	176-58801-3	. LINE ASSY, Dive brake closed, tee sta 184 to thermal relief valve sta 190	1	E
	191-58811-17	. LINE ASSY, Dive brake closed, tee sta 184 to thermal relief valve sta 190	1	X
	191-58811-85	. LINE ASSY, Dive brake closed, tee sta 184 to thermal relief valve sta 190	1	W
-4	172-58815-33	. LINE ASSY, Speed brake closed, tee sta 178 to bulkhead tee	1	A
	191-58811-57	. LINE ASSY, Speed brake closed, tee sta 178 to bulkhead tee	1	M
	191-58811-71	. LINE ASSY, Speed brake close from restrictor to tee sta 181	1	U
	191-58811-81	. LINE ASSY, Speed brake close from restrictor to tee sta 181	1	V
-5	172-58815-29	. LINE ASSY, Speed brake open, tee sta 178 to disconnect sta 215 RH	1	C
	172-58818-51	. LINE ASSY, Speed brake open, tee sta 178 to disconnect sta 215 RH	1	D,E
	191-58811-37	. LINE ASSY, Speed brake open, tee sta 178 to disconnect sta	1	M
	191-58811-77	. LINE ASSY, Speed brake open from tee sta 182 LH to disconnect station 215.125 LH	1	N
-6	AN784D8	. TEE	1	
-7	AN919-10	. REDUCER	1	A
	AN919-10D	. REDUCER	1	B
-8	AN6290-8	. GASKET	1	
-9	AN783D8	. TEE	1	C
	AN784D8	. TEE	1	E,M,R
-10	AN783D8	. TEE	1	
-11	AN919-10	. REDUCER	1	A
	AN919-10D	. REDUCER	1	B
-12	AN6289D8	. NUT	1	
-13	AN6291-8	. RING	1	
-14	AN6290-8	. GASKET	2	
-15	172-58815-7	. LINE ASSY, Dive brake open, tee sta 182 to thermal rel valve.	1	C
	172-58818-61	. LINE ASSY, Dive brake open, tee sta 182 to thermal rel valve.	1	D,E
	191-58811-15	. LINE ASSY, Dive brake open, tee sta 182 to thermal rel valve.	1	M
	191-58811-75	. LINE ASSY, Speed brake open from tee sta 182 LH to thermal	1	U
	191-58811-83	. LINE ASSY, Speed brake open from tee sta 182 LH to thermal relief valve sta 190.4 LH	1	V
-16	172-58818-3	. LINE ASSY, Speed brake open, tee to bulkhead elbow sta 178 LH	1	A
	191-58811-61	. LINE ASSY, Speed brake open, tee to bulkhead elbow sta 178 LH	1	M
-17	172-58817-31	. LINE ASSY, Speed brake open, from fuse to tee sta 183	1	F
-18	172-58805-17	. LINE ASSY, Speed brake open, from fuse to tee sta 183	1	S
	191-58811-49	. LINE ASSY, Speed brake open, from fuse to tee sta 183	1	M
	191-58811-69	. LINE ASSY, Speed brake open, from resistor to tee sta 178	1	N
-19	172-58817-29	. LINE ASSY, Speed brake closed, fuse to tee sta 180	1	F
-20	172-58805-15	. LINE ASSY, Speed brake closed, fuse to tee sta 180	1	H
	172-58806-43	. LINE ASSY, Speed brake closed, fuse to tee sta 180	1	T
	191-58811-65	. LINE ASSY, Speed brake closed, fuse to tee sta 180	1	M
-21	172-58817-27	. LINE ASSY, Speed brake closed, from selector valve to fuse LH	1	F
-22	172-58805-23	. LINE ASSY, Speed brake closed, from selector valve to fuse LH	1	H
	172-58806-41	. LINE ASSY, Speed brake closed, from selector valve to fuse LH	1	T
	191-58811-63	. LINE ASSY, Speed brake closed, from selector valve to fuse LH	1	M
-23	172-58805-25	. LINE ASSY, Speed brake open, elbow on selector valve to fuse	1	K
	191-58811-53	. LINE ASSY, Speed brake open, elbow on selector valve to fuse	1	B
-24	AN833-8D	. ELBOW	1	A,M
	AN960D1216	. WASHER	1	A,M
	AN924-8D	. NUT	1	A,M
-25	AN834-8D	. TEE	1	A,M
	AN960D1216	. WASHER	1	A,M
	AN924-8D	. NUT	1	A,M
-26	172-58636	VALVE ASSY, Hyd speed brake selector complete (see fig. 255)	Ref	
-27	172-58679	VALVE ASSY, Hyd speed brake selector complete (see fig. 255)	Ref	
-28	831-8-.50	FUSE ASSY, Hyd type 1 (Waterman) (see fig. 220)	Ref	
-29	831-8-.100	FUSE ASSY, Hyd type 1 (Waterman) (see fig. 220)	Ref	

USEABLE ON CODE:

A 51-2850 thru 52-4604
B 52-4605 and subs
C 51-2850 thru 51-2929, 51-13070 thru 51-12976
D 51-2930 thru 51-12976, 52-4305 thru 52-4604
E 51-13090 thru 51-13510
F 51-2850 thru 51-2927
H 51-2928 thru 51-13169
K 51-2928 thru 52-4604
M 52-4605 thru 52-5063, 52-5272 thru 52-5446
N 52-5064 thru 52-5271, 52-5447 and subs
R 51-2930 thru 51-12976
S 51-2928 thru 52-4604
T 51-13170 thru 52-4604
U 52-5064 thru 52-5271, 52-5447 thru 55-4030
V 55-4983 and subs
W 52-5272 thru 52-5530
X 52-4605 thru 52-5271, 53-1072 and subs

FUSELAGE HYDRAULICS (Cont)

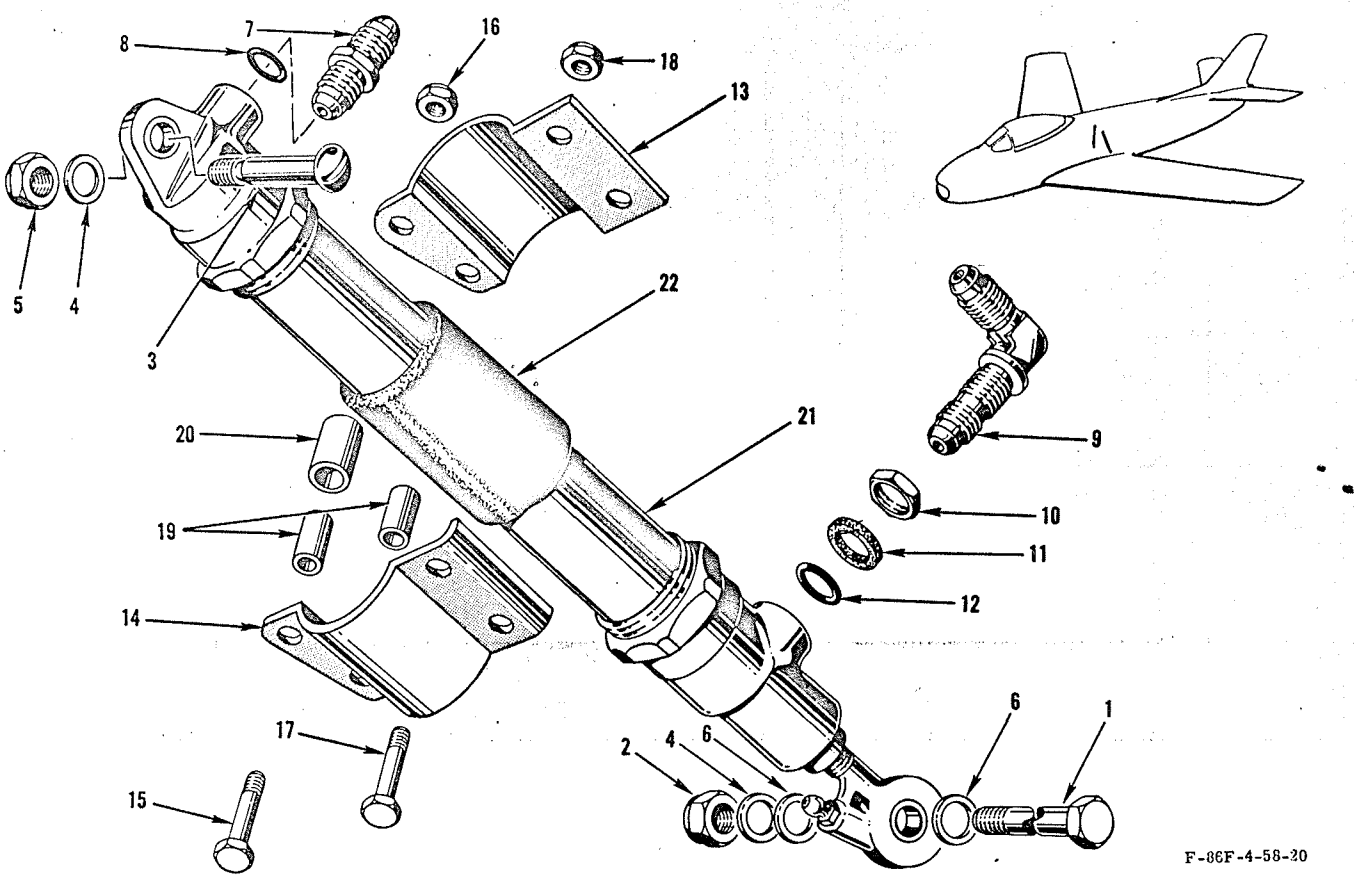


FIGURE 260 - COMPLETE HYDRAULIC MAIN LANDING GEAR FAIRING DOOR CYLINDER ASSEMBLY AND ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
260	151-58641-5	CYLINDER ASSY, Hydraulic main landing gear fairing door LH . . . (see figure 255 for next assembly)	Ref	A
	151-58641-11	CYLINDER ASSY, Hydraulic main landing gear fairing door LH . . . (use 151-58641-7 until exh) (see fig. 255 for next assy)	Ref	B
	151-58641-6	CYLINDER ASSY, Hydraulic main landing gear fairing door RH . . . (see figure 239 for next assembly)	Ref	A
	151-58641-12	CYLINDER ASSY, Hydraulic main landing gear fairing door RH . . . (use 151-58641-8 until exh) (see fig. 239 for next assy)	Ref	B
		ATTACHING PARTS		
-1	AN6-12A	BOLT	1	
-2	AN365-624	NUT	1	
-3	AN26-16A	BOLT	1	
-4	AN960-616	WASHER	1	
-5	AN364-624	NUT	1	
-6	2W18-616M	WASHER, Flat (North American) (between rod end and 140-33302 hinge)	2	
		---*---		
-7	AN815-4	. UNION	1	A
	AN815-4D	. UNION	1	B
-8	AN6290-4	. GASKET	1	
-9	AN833-4	. ELBOW	1	A
	AN833-4D	. ELBOW	1	B
-10	AN6289D4	. NUT	1	
-11	AN6291-4	. RING	1	
-12	AN6290-4	. GASKET	1	
-13	140-33554-5	. CLAMP, Main LG wheel door lock torque shaft bellcrank safety	1	
-14	140-33554-3	. CLAMP, Main LG wheel door lock torque shaft bellcrank safety	1	
-15	AN3-10A	. BOLT	2	
-16	AN364-1032	. NUT	2	
-17	AN3-5A	. BOLT	2	
-18	AN365-1032	. NUT	2	
-19	4S3-10-23	. SPACER, Bolt (North American)	2	
-20	140-33555	. ROLLER, Main LG wheel door lock torque shaft bellcrank safety	1	
-21	173-58041-11	. CYLINDER ASSY, Main landing gear fairing door operating . . . (refer to T. O. 9H2-5-28-4 for breakdown)	1	
-22	151-58641-3	. PACKING, Hydraulic main gear fairing door cylinder clamp . .	1	

USEABLE ON CODE: A 51-2850 thru 52-4604 B 52-4605 and subs

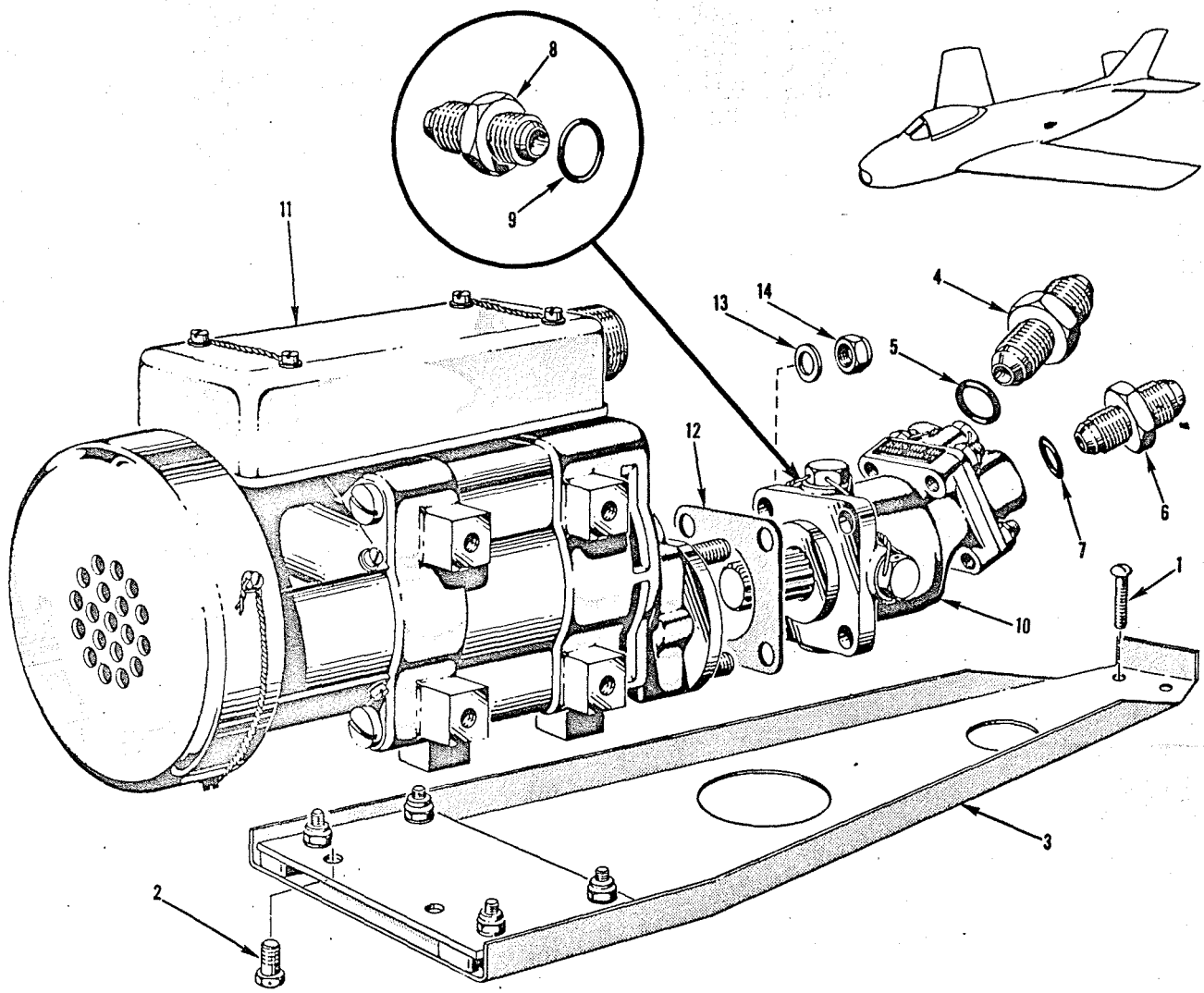


FIGURE 261 - COMPLETE HYDRAULIC EMERGENCY POWER CONTROL PUMP ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
261	172-58601	PUMP ASSEMBLY, Hydraulic emergency power control complete . . . (see figure 262 for next assembly)	Ref	
		ATTACHING PARTS		
-1	AN520-10R10	SCREW	2	
		---*---		
-2	AN3H4A	. BOLT	4	
-3	172-58134	. PAN ASSY, Hydraulic emer power control pump removable	1	
-4	AN919-11	. REDUCER	1	
-5	AN6290-5	. GASKET	1	
-6	AN919-7	. REDUCER	1	
-7	AN6290-5	. GASKET	1	
-8	AN815-3	. UNION	1	
-9	AN6290-3	. GASKET	1	
	165-58050-3	. PUMP ASSY, Hydraulic emergency motor driven	1	
-10	PF24-3906-20BCE4	. . PUMP, (Vickers) (use Vickers PF24-3906-20BCE3 until exh)	1	
-11	D1000	. . MOTOR, (Hoover) (North American Spec NA5-7722)	1	
-12	AN4045-1	. . GASKET	1	
-13	AN960D416	. . WASHER	4	
-14	AN365-428	. . NUT	4	

FUSELAGE HYDRAULICS (Cont)

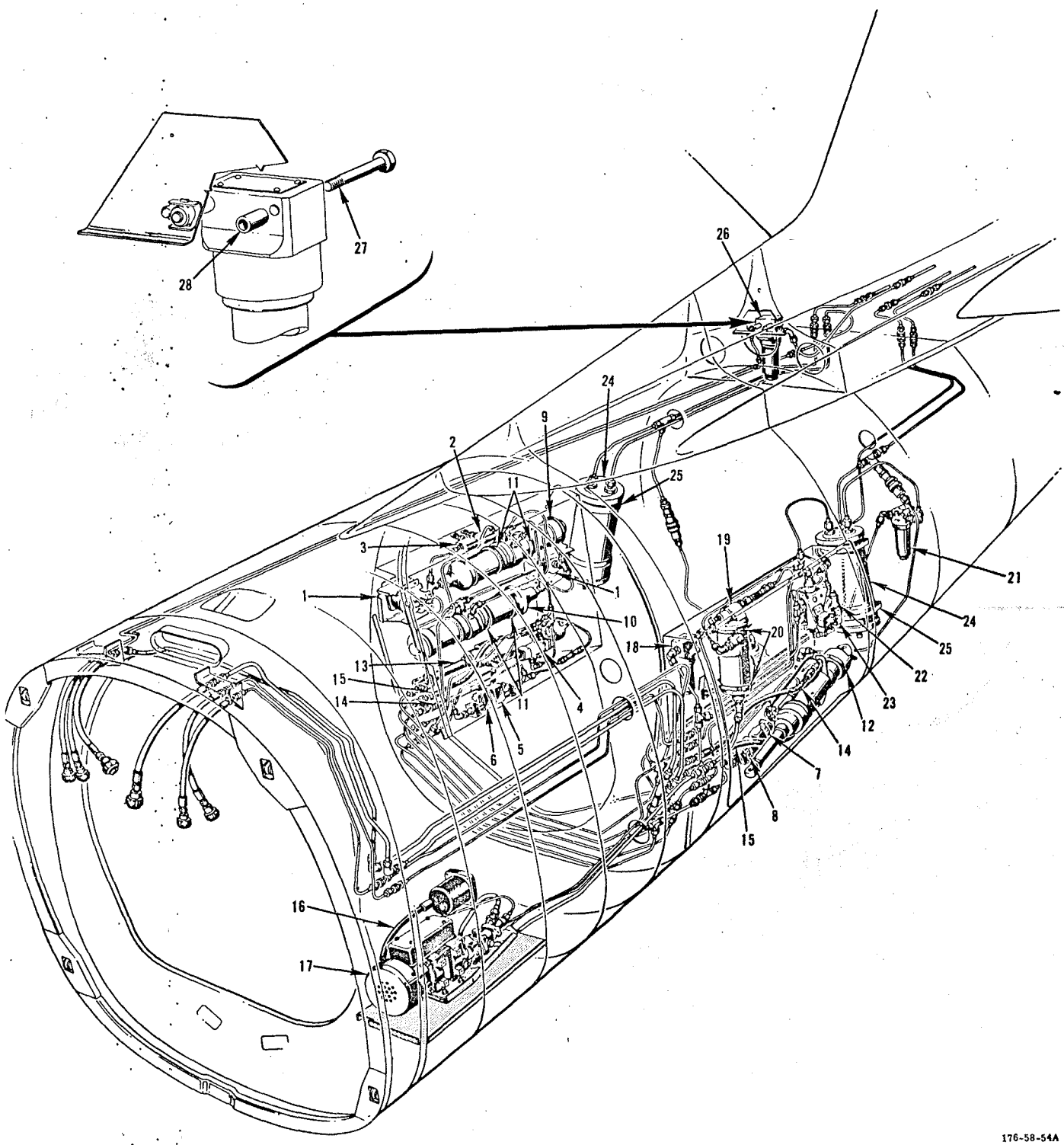


FIGURE 262 - AFT FUSELAGE HYDRAULIC EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
262	172-58062	HYDRAULIC EQUIPMENT INSTL, Aft fus (see fig. 108 for next assy) .	NP	
	No Number	. AFT FUSELAGE HYDRAULIC SPEED BRAKE AND NORMAL PRESSURE . . . . CONTROL LINES AND FITTINGS, (see fig. 263 for breakdown)	NP	
	No Number	. AFT FUSELAGE HYDRAULIC ALTERNATE FLIGHT CONTROL PRESS. LINES . AND FITTINGS, (see figure 264 for breakdown)	NP	
	No Number	. AFT FUSELAGE HYDRAULIC ALTERNATE FLIGHT CONTROL RETURN LINES . AND FITTINGS, (see figure 265 for breakdown)	NP	
	No Number	. AFT FUSELAGE MISCELLANEOUS HYDRAULIC LINES AND FITTINGS, . . . (see figure 266 for breakdown)	NP	

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
262-1	No Number	.	HYDRAULIC EMER POWER CONTROL ACCUMULATOR AIR GAGE AND COVER ASSEMBLIES AND ATTACHING PARTS, (see figure 267)	NP	
-2	172-58643-3	.	VALVE ASSY, Hyd accumulator flow (see figure 268)	1	
-3	172-58643-5	.	VALVE ASSY, Hyd accumulator flow (see figure 268)	1	N
-4	172-58628-3	.	VALVE ASSY, Hyd alternate flight control relief complete (see fig. 268)	1	
-5	172-58624-5	.	SWITCH ASSY, Hyd emer power control press. complete (RH aft). (see fig. 272 for breakdown and attaching parts)	1	A,B
	172-58622-5	.	SWITCH ASSY, Hyd emer power control rress. complete (RH aft). (see fig. 272 for breakdown and attaching parts)	1	C,D
-6	172-58624-3	.	SWITCH ASSY, Hyd emer power control press. complete (RH fwd). (see fig. 272 for breakdown and attaching parts)	1	A,B
	172-58623	.	SWITCH ASSY, Hyd emer power control press. complete (RH fwd). (see fig. 272 for breakdown and attaching parts)	1	C,D
-7	172-58624-9	.	SWITCH ASSY, Hyd emer power control press. complete (LH aft). (see fig. 272 for breakdown and attaching parts)	1	A,B
	172-58622-3	.	SWITCH ASSY, Hyd emer power control press. complete (LH aft). (see fig. 272 for breakdown and attaching parts)	1	C,D
-8	172-58624-3	.	SWITCH ASSY, Hyd emer power control press. complete (LH fwd). (see fig. 272 for breakdown and attaching parts)	1	A,B
	172-58623	.	SWITCH ASSY, Hyd emer power control press. complete (LH fwd). (see fig. 272 for breakdown and attaching parts)	1	C,D
-9	172-58627-3	.	ACCUMULATOR ASSY, Hyd emer power control self-displacing (complete) (see fig. 274 for breakdown) (upper)	1	E,F
	172-58627-11	.	ACCUMULATOR ASSY, Hyd emer power control self-displacing (complete) (see fig. 274 for breakdown) (upper)	1	*G,H
-10	172-58627-5	.	ACCUMULATOR ASSY, Hyd emer power control self-displacing (complete) (see fig. 274 for breakdown) (lower)	1	E,J
	172-58627-13	.	ACCUMULATOR ASSY, Hyd emer power control self-displacing (complete) (see fig. 274 for breakdown) (lower)	1	G
	172-58627-15	.	ACCUMULATOR ASSY, Hyd emer power control self-displacing (complete) (see fig. 274 for breakdown) (lower)	1	H
	172-58627-17	.	ACCUMULATOR ASSY, Hyd emer power control self-displacing (complete) (see fig. 274 for breakdown) (lower)	1	K
	172-58627-19	.	ACCUMULATOR ASSY, Hyd emer power control self-displacing (complete) (see fig. 274 for breakdown) (lower)	1	P
-11	U12-.625-4.500S	.	CLAMP, (National Utility) (intrch wth Marman 325-625-4.500S).	1	
-12	151-58644-11	.	CYLINDER ASSY, Hyd dive brake operating complete LH (see fig. 277 for breakdown and attaching parts)	1	*1
	172-58183	.	CLAMP ASSY, Hyd nose support speed brake cylinder	1	*1
-13	151-58644-12	.	CYLINDER ASSY, Hyd dive brake operating complete RH (see fig. 277 for breakdown and attaching parts)	1	*1
	172-58183	.	CLAMP ASSY, Hyd nose support speed brake cylinder	1	*1
-14	AN6292-6-23	.	HOSE ASSEMBLY	2	*1
-15	AN6292-6-27	.	HOSE ASSEMBLY	2	*1
-16	AN6271-4-18	.	HOSE	1	
-17	172-58601	.	PUMP ASSY, Hyd emer power control complete (see fig. 261)	1	
-18	172-58637	.	FILTER ASSY, Hyd emer power control fwd complete (see fig. 245 for breakdown and attaching parts)	1	
-19	172-58629	.	RESERVOIR ASSY, Hydraulic emergency power control complete (see figure 276 for breakdown)	1	E,F
	172-58629-3	.	RESERVOIR ASSY, Hydraulic emergency power control complete (see figure 276 for breakdown)	1	G,F
-20	U12-.625-3.750S	.	CLAMP, (National Utility) (intrch wth Marman 325-625-3.750S).	2	
-21	172-58630	.	FILTER ASSY, Hydraulic emer power control complete (see fig. 272 for breakdown and attaching parts)	1	
-22	172-58625-3	.	VALVE ASSY, Hyd emer power control shut-off complete (see 269 for breakdown and attaching parts)	1	
-23	172-52047	.	BRACKET ASSY, Surf. control manual emer change-over complete (whn exh use 191-52047-5)(see fig. 269 for breakdown)	1	
	191-52047-5	.	SUPPORT ASSY, Surf. control manual emer change-over transfer valve mech (use 172-52047 untl exh) (see figure 270 for breakdown)	1	
-24	172-58610	.	COMPENSATOR ASSY, Hyd power control complete (see fig. 273)	2	
-25	U12-.625-6.000S	.	CLAMP, (National Utility) (intrch wth Marman 325-625-6.000S).	2	
-26	170-58656-5	.	FILTER ASSY, Hyd power control 6 tube size (see fig. 273)	1	
-27	AN4-5A	.	BOLT	2	
-28	NAS43DD4-40	.	SPACER, Bolt (North American)	2	

USEABLE ON CODE:
A 51-2850 thru 51-12969
B 51-13070 thru 51-13129
C 51-12970 thru 51-12976
D 51-13103 and subs
E 51-2850 thru 51-2928
F 51-13070 thru 51-13510
G 51-2929 thru 51-12976
H 52-4305 thru 52-5063, 52-5272 thru 52-5386
J 51-13070 thru 51-13169
K 51-13170 thru 51-13510
N 51-2850 thru 52-5063, 52-5272 thru 52-5386
P 52-5064 thru 52-5271, 52-5387 and subs

*1 Use 3H3-6-21 1/2 together wth 3H3-6-22 1/2, 151-58644-1 & 151-58644-9 untl exh, whn exh use AN6292-6-23 together wth AN6292-6-27, 151-58644-11, 151-58644-12 and 172-58183.

FUSELAGE HYDRAULICS (Cont)

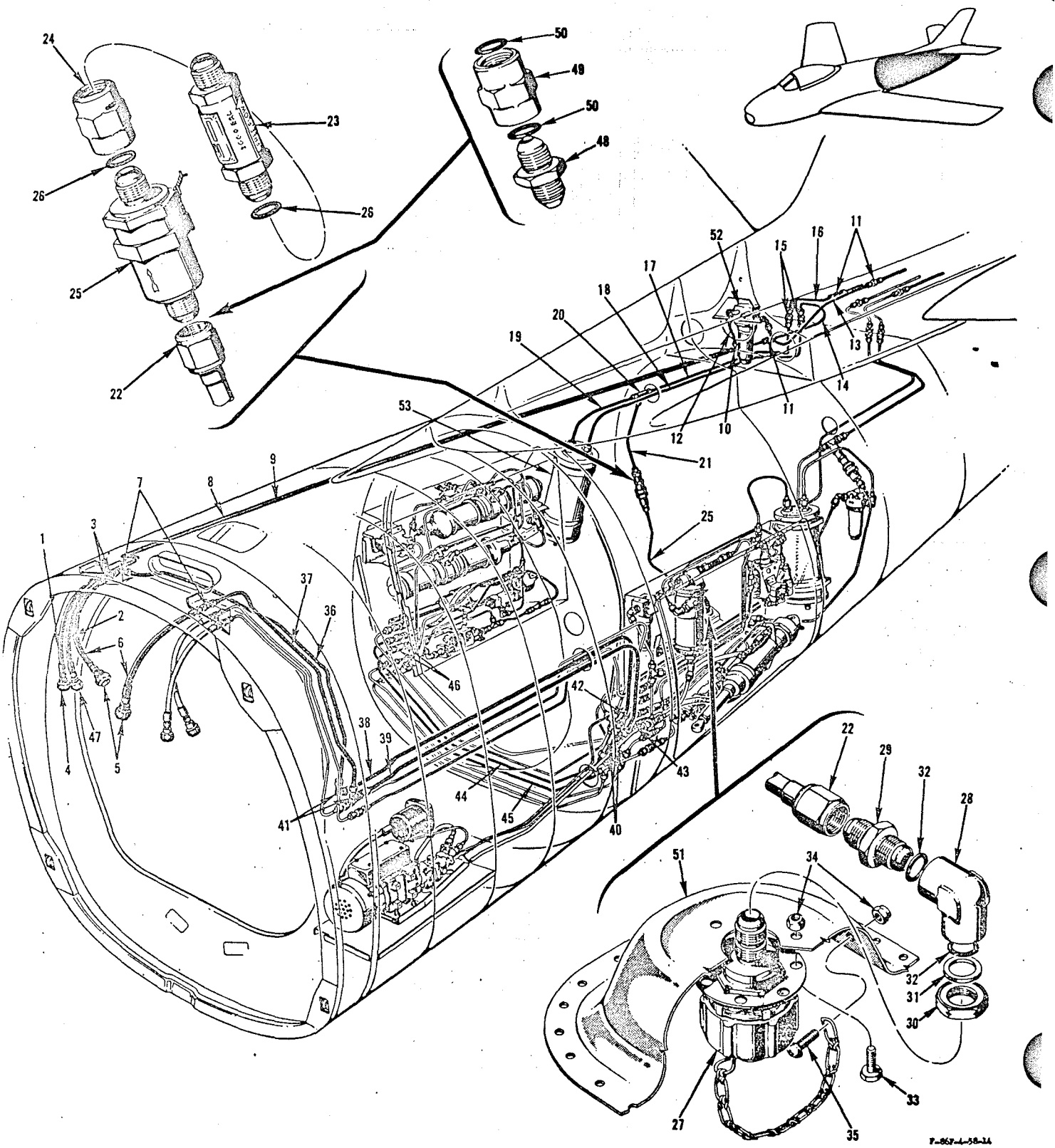


FIGURE 263 - AFT FUSELAGE HYDRAULIC SPEED BRAKE AND NORMAL PRESSURE CONTROL LINES AND FITTINGS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
263	No Number	AFT FUSELAGE HYDRAULIC SPEED BRAKE AND NORMAL PRESSURE CONTROL LINES AND FITTINGS, (see fig. 262 for next assy)	NP	
-1	AN6292-6-19 1/2	HOSE ASSY	1	
-2	AN6292-6-19 1/2	HOSE ASSY	1	A,*1
	AN6292-6-19 1/2	HOSE ASSY	1	B
-3	AN832-6	UNION	2	
	AN924-6D	NUT	2	
-4	150S1-6D	COUPLING, (Aeroquip) (use 150S1-6 until exh)	1	C
	C155-25-8D	NUT, (Aeroquip) (use 155-25-8 until exh)	1	C
	6520D6	SOCKET, (Wiggins)	1	D,E
-5	150S1-8D	COUPLING, (Aeroquip) (use 150S1-8 until exh)	2	
	C155-25-8D	NUT, Coupling (Aeroquip) (use 155-25-8 until exh)	2	
-6	AN6292-8-19 1/2	HOSE ASSY	2	
-7	AN837-8D	ELBOW	2	
	AN960D1216	WASHER	2	
	AN924-8D	NUT	2	
-8	172-58822-47	LINE ASSY, Normal control pressure disconnect fuselage break to elbow station 345	1	
-9	172-58822-45	LINE ASSY, Normal cont ret union sta 345 to disc. to fus break	1	
-10	AN821-6	ELBOW	1	
-11	AN815-6	UNION	3	
-12	170-58814-49	LINE ASSY, Normal control press. from elbow sta 345 to filter	1	
-13	170-58814-51	LINE ASSY, Normal control press. from filter to flow reg	1	
-14	170-58814-57	LINE ASSY, Normal control return from union sta 350 RH to union station 345	1	
-15	AN832-6	UNION	2	
	AN960D916	WASHER	2	
	AN924-6D	NUT	2	
-16	170-58814-35	LINE ASSY, Normal control return from RH flow regulator to union at station 350	1	
-17	172-58822-31	LINE ASSY, Normal control return from tee sta 340 to union in compensator	1	
-18	172-58821-71	LINE ASSY, Normal control return from union in complete RH to union station 350	1	
-19	172-58821-69	LINE ASSY, Normal control return union sta 350 to tee sta 340	1	
-20	AN824-6	TEE	1	
-21	172-58821-67	LINE ASSY, Normal control return check valve to tee sta 340	1	
-22	172-58821-65	LINE ASSY, Normal cont return disc. at sta 335 RH to filter	1	F
	172-58823-57	LINE ASSY, Normal flight control return disconnect to union at filter	1	G
-23	AN6249-6	VALVE ASSY	1	
-24	NAS424-6	COUPLING, Nut	1	
-25	38390	FILTER ASSY, (Purolator)	1	
-26	AN6290-6	GASKET	2	
-27	155S11-6D	FITTING, Quick disconnect (Aeroquip) (use 155S11-6 until exh)	1	
-28	AN927-6	ELBOW	1	
-29	AN815-6	UNION	1	
-30	AN6289-6	NUT	1	
-31	AN6291-6	RING	1	
-32	AN6290-6	GASKET	2	
-33	AN3-4A	BOLT	3	
-34	AN365-1032	NUT	4	
-35	AN520-10R8	SCREW	1	
-36	172-58822-7	LINE ASSY, Speed brake closed from disconnect RH to sta 244	1	
-37	172-58822-3	LINE ASSY, Speed brake open disconnect LH to sta 244	1	
-38	172-58822-9	LINE ASSY, Speed brake closed elbow at sta 244 to tee sta 292	1	
-39	172-58822-5	LINE ASSY, Speed brake open elbow sta 244 to tee sta 292	1	
-40	AN784-6	TEE	2	
	AN919-12	REDUCER	2	
	AN6290-6	GASKET	2	
-41	AN833-8	ELBOW	2	
	AN924-8D	NUT	2	
	AN960D1216	WASHER	2	
-42	172-58822-21	LINE ASSY, Speed brake closed tee sta 292 to union sta 298 RH	1	
-43	172-58822-17	LINE ASSY, Speed brake open tee sta 292 to union sta 298 LH	1	
-44	172-58822-23	LINE ASSY, Speed brake closed tee at sta 292 to sta 298 RH	1	
-45	172-58822-19	LINE ASSY, Speed brake open tee sta 292 to union at sta 298 LH	1	
-46	AN832-6	UNION	2	
	AN924-6D	NUT	2	
-47	150S1-6D	COUPLING, (Aeroquip) (use 150S1-6 until exh)	1	
	C155-25-8D	NUT, (Aeroquip) (use 155-25-8 until exh)	1	
-48	AN815-6	UNION	1	G
-49	NAS424-6	COUPLING, Nut	1	G
-50	AN6290-6	GASKET	2	G
-51	172-58302-2	PAN ASSY, Hyd ground disc. fus sta 333.5 (RH) (see fig. 160)	Ref	
-52	172-58656-5	FILTER ASSY, Hyd power control 6 tube size (see fig. 262)	Ref	
-53	172-58610	COMPENSATOR ASSY, Hyd power control complete (see fig. 262)	Ref	

*1 Refer to T. O. 1F-86-168.

USEABLE ON CODE: A 51-2850 thru 52-4854, 52-5272 thru 52-5328; B 52-4855 thru 52-5271, 52-5329 and subs; C 51-2850 thru 53-1146; D 53-1147 thru 53-1228; E 55-3816 and subs; F 51-2850 thru 55-3860; G 55-3861 and subs

FUSELAGE HYDRAULICS (Cont)

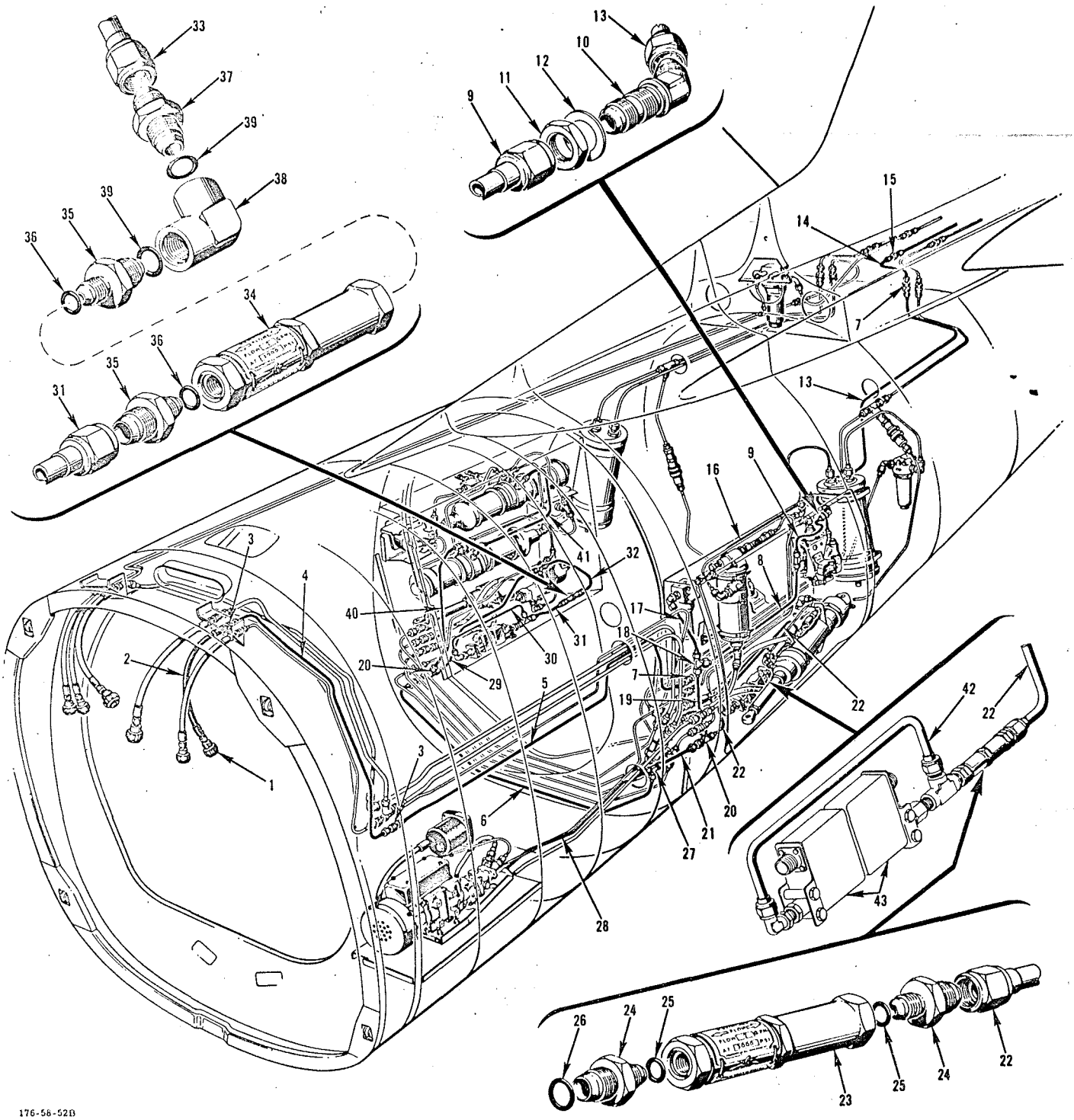


FIGURE 264 - AFT FUSELAGE HYDRAULIC ALTERNATE FLIGHT CONTROL PRESSURE LINES AND FITTINGS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
264	No Number		AFT FUSELAGE HYDRAULIC ALTERNATE FLIGHT CONTROL PRESSURE LINES . AND FITTINGS, (see fig. 262 for next assy)	NP	
-1	150S1-6D		. COUPLING, (Aeroquip) (use 150S1-6 until exh)	1	
	C155-25-8D		. NUT, (AeroquipP (use 155-25-8 until exh)	1	
-2	AN6292-6-19 1/2		. HOSE ASSY	1	*1

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
264-3	AN832-6	.	UNION	2	
	AN924-6D	.	NUT	2	
-4	172-58821-33	.	LINE ASSY, Alt flight control union sta 244 to disconnect	1	
-5	172-58821-31	.	LINE ASSY, Alternate flight control pressure union sta 298 LH to union sta 244	1	
-6	172-58821-17	.	LINE ASSY, Alt flight press. tee sta 290 to tee sta 298 RH	1	
-7	AN832-6	.	UNION	2	
-8	172-58821-29	.	LINE ASSY, Alternate flight control pressure tee solenoid valve to union station 298 LH	1	
-9	172-58821-35	.	LINE ASSY, Alternate flight control pressure tee in solenoid valve to elbow station 327	1	
-10	AN837-6	.	ELBOW	1	
-11	AN924-6D	.	NUT	1	
-12	AN960D916	.	WASHER	1	
-13	172-58821-37	.	LINE ASSY, Alternate flight control elbow sta 327 to union	1	
-14	170-58814-61	.	LINE ASSY, Alternate flight control press. from union sta 350 LH to flow regulator	1	G
	172-58823-35	.	LINE ASSY, Alternate flight control press. from union sta 350 LH to flow regulator	1	H
-15	AN815-6	.	UNION	1	
-16	172-58821-15	.	LINE ASSY, Alt flight control press. filter to solenoid valve	1	
-17	172-58821-13	.	LINE ASSY, Alt flight control press. tee sta 298 LH to filter	1	C
	172-58823-21	.	LINE ASSY, Alternate flight control pressure from elbow in filter to tee sta 298	1	D
-18	AN824-6	.	TEE	1	C
	AN929-6	.	CAP	1	C
-19	172-58822-51	.	LINE ASSY, Alt flight control tee sta 298 to tee sta 298	1	C
-20	AN804-6	.	TEE	2	
	AN924-6D	.	NUT	2	
	AN960D916	.	WASHER	2	
-21	172-58821-7	.	LINE ASSY, Alternate flight control pressure tee sta 290 to tee sta 298 LH	1	
-22	172-58822-67	.	LINE ASSY, Alternate flight control pressure tee sta 298 to check valve return aft pressure switch	1	A
	172-58818-71	.	LINE ASSY, Alternate flight control pressure tee sta 298 to restrictor on aft pressure switch	1	B
-23	1V7-2-30	.	VALVE ASSY, Hydraulic two-way restrictor (North American) (refer to T. O. 9H8-5-15-4 for breakdown)	1	
-24	AN919-6	.	REDUCER	2	
-25	AN6290-4	.	GASKET	2	
-26	AN6290-6	.	GASKET	1	
-27	AN824-6	.	TEE	1	
-28	172-58823-7	.	LINE ASSY, Alt flight control check valve to tee sta 290	1	
-29	172-58821-19	.	LINE ASSY, Alternate flight control pressure tee sta 298 RH to tee in relief valve	1	A
	172-58818-67	.	LINE ASSY, Alternate flight control pressure tee sta 298 RH to tee in relief valve	1	B
-30	172-58821-23	.	LINE ASSY, Alternate flight control pressure tee in aft pressure switch to elbow on fwd pressure switch	1	A
	172-58818-69	.	LINE ASSY, Alternate flight control pressure tee in aft switch to elbow on forward pressure switch	1	B
-31	172-58822-69	.	LINE ASSY, Alternate flight control pressure restrictor sta 316 to tee on aft pressure switch	1	A
	172-58822-79	.	LINE ASSY, Alternate flight control pressure restrictor sta 316 to tee on aft pressure switch	1	B
-32	172-58822-65	.	LINE ASSY, Alternate flight control pressure tee in relief valve restrictor station 316	1	A
-33	172-58822-75	.	LINE ASSY, Alternate flight control pressure tee in relief valve to restrictor station 316	1	B
-34	1V7-2-30	.	VALVE ASSY, Hydraulic two-way restrictor (North American) (refer to T. O. 9H8-5-15-4 for breakdown)	1	
-35	AN919-6	.	REDUCER	2	
-36	AN6290-4	.	GASKET	2	
-37	AN815-6	.	UNION	1	B
-38	AN927-6	.	ELBOW	1	B
-39	AN6290-6	.	GASKET	2	B
-40	172-58821-25	.	LINE ASSY, Alternate flight control pressure tee sta 298 RH to tee in lower accumulator	1	C
	172-58823-23	.	LINE ASSY, Alternate flight control pressure tee sta 198 to tee in upper accumulator	1	J
-41	172-58821-27	.	LINE ASSY, Alternate flight control pressure tee in lower accumulator to elbow in upper accumulator	1	J
-42	172-58821-11	.	LINE ASSY, Emergency power control pressure tee at aft press. switch to elbow on fwd press. switch	1	A
	172-58818-73	.	LINE ASSY, Emer power control pressure tee at aft pressure switch to elbow on fwd pressure switch	1	B
-43	172-58624		SWITCH ASSY, Hyd emer power control pressure (see fig. 272)	Ref	

*1 Refer to T. O. 1F-86-168.

USEABLE ON CODE:
A 51-2850 thru 51-12969
51-13070 thru 51-13129
B 51-12970 thru 51-12976
51-13130 and subs
C 51-2850 thru 51-2928
51-13070 thru 51-13510
D 51-2929 thru 51-12976
52-4305 and subs
G 51-2850 thru 51-12976
51-13070 thru 51-13226
52-4305 thru 52-4604
H 51-13227 thru 51-13510
52-4605 and subs
J 51-2850 thru 52-5063 &
52-5272 thru 52-5386

FUSELAGE HYDRAULICS (Cont)

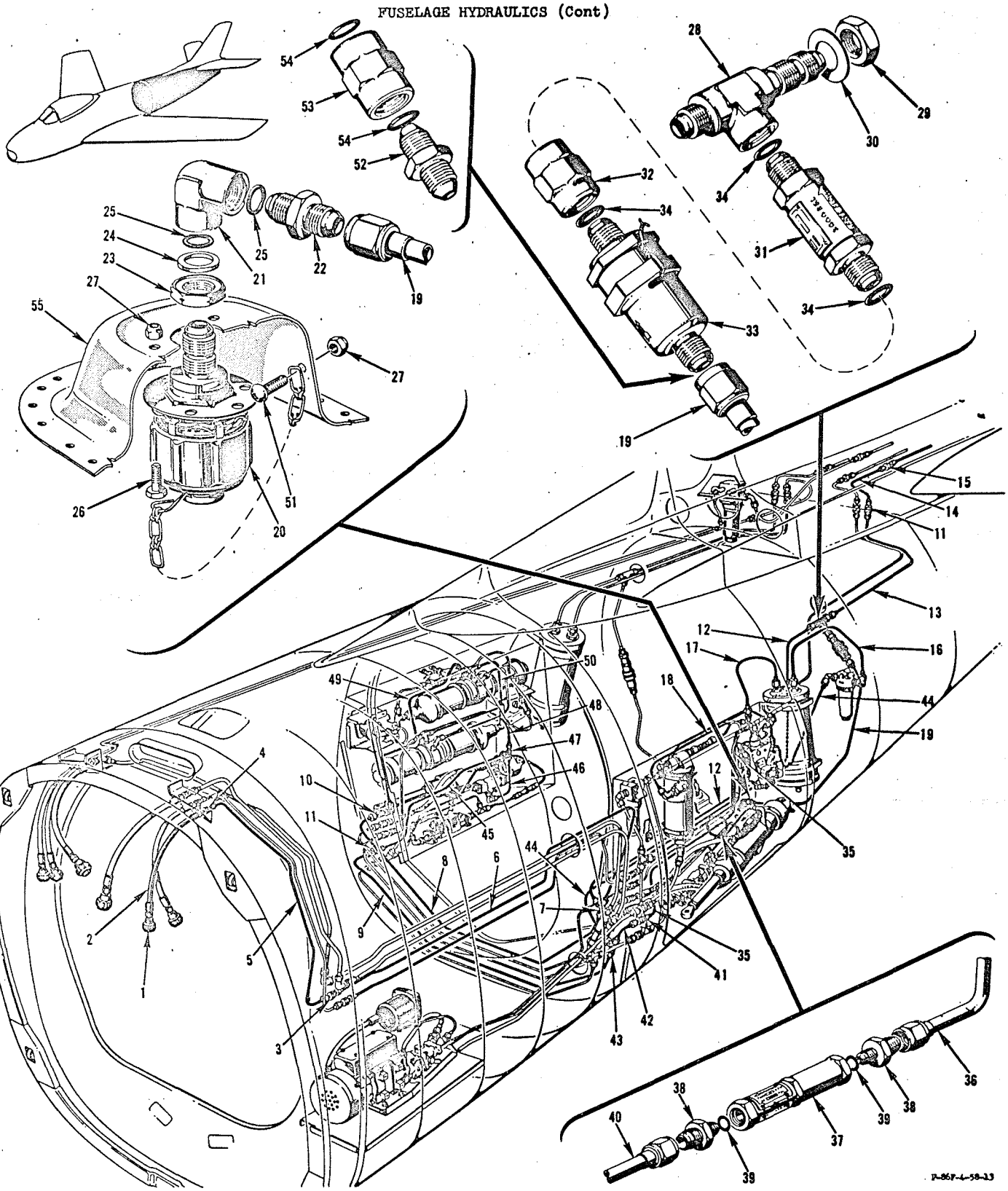


FIGURE 265 - AFT FUSELAGE HYDRAULIC ALTERNATE FLIGHT CONTROL RETURN LINES AND FITTINGS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
265	No Number	AFT FUSELAGE HYDRAULIC ALTERNATE FLIGHT CONTROL RETURN LINES AND FITTINGS, (see fig. 262 for next assy)	NP	
	150S1-6D	. COUPLING, (Aeroquip) (use 150S1-6 untl exh)	1	J
	C155-25-8D	. NUT, (Aeroquip) (use 155-25-8 untl exh)	1	J
-1	6920D6	. SOCKET, (Wiggins)	1	K,L

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
265-2	3H3-6-19 1/2	.	HOSE ASSY, Hyd plastic covered (North American) (altered from MS28741 or AN6271 as manufactured by Goodrich (coded: .-) or Goodyear (coded: ....-) only) (whn exh use AN6292-6-19 1/2)	1	
-3	AN832-6	.	UNION	1	
	AN924-6D	.	NUT	1	
-4	AN832-6D	.	UNION	1	
	AN924-6	.	NUT	1	
-5	172-58821-79	.	LINE ASSY, Alternate flight control disconnect to union sta 244	1	
-6	172-58821-77	.	LINE ASSY, Alt flight control union sta 244 to tee sta 290	1	
-7	AN824-6	.	TEE	1	
-8	172-58821-43	.	LINE ASSY, Alternate flight control return tee station 290 to elbow station 298 RH	1	
-9	172-58821-53	.	LINE ASSY, Alternate flight control union sta 298 RH to tee station 296 LH	1	
-10	AN833-6	.	ELBOW	1	
-11	AN832-6	.	UNION	2	
-12	172-58821-41	.	LINE ASSY, Alt flight control tee sta 340 to tee sta 290	1	
-13	172-58821-39	.	LINE ASSY, Alt flight control union sta 350 to tee sta 339	1	
-14	170-58814-19	.	LINE ASSY, Alternate flight control return from LH flow regulator to union station 350	1	
-15	AN815-6	.	UNION	1	
-16	172-58821-59	.	LINE ASSY, Alternate flight control return filter to LH connector outboard	1	
-17	172-58822-29	.	LINE ASSY, Alternate flight control return union in compensator LH to LH speed brake inboard	1	
-18	172-58821-57	.	LINE ASSY, Alternate flight control return elbow in speed brake web upper to reservoir	1	
-19	172-58821-61	.	LINE ASSY, Alternate flight control return disconnect sta 335 to filter and check valve	1	M
	172-58823-55	.	LINE ASSY, Alternate flight control return disconnect to union at filter	1	N
-20	155S11-6D	.	FITTING, Quick disconnect (Aeroquip) (use 155S11-6 untl exh)	1	
-21	AN927-6	.	ELBOW	1	
-22	AN815-6	.	UNION	1	
-23	AN6289-6	.	NUT	1	
-24	AN6291-6	.	RING	1	
-25	AN6290-6	.	GASKET	2	
-26	AN3-4A	.	BOLT	3	
-27	AN365-1032	.	NUT	4	
-28	AN783-6	.	TEE	1	
-29	AN924-6D	.	NUT	1	
-30	AN960D916	.	WASHER	1	
-31	AN6249-6	.	VALVE ASSY, 3000 PSI hydraulic check	1	
-32	NAS424-6	.	COUPLING, Nut	1	
-33	38390	.	FILTER, Hydraulic oil filter (Purolator)	1	
-34	AN6290-6	.	GASKET	3	
-35	172-58823-49	.	LINE ASSY, Alternate flight control return union station 298 LH to elbow on valve	1	C,*1
-36	172-58823-27	.	LINE ASSY, Alt flight control ret elbow on valve to restrictor	1	D
-37	1V7-8-30	.	VALVE ASSY, Hyd two-way restrictor (North American) (refer to T. O. 9H8-5-15-4 for breakdown)	1	D
-38	AN919-6D	.	REDUCER	2	D
-39	AN6290-4	.	GASKET	2	D
-40	172-58823-37	.	LINE ASSY, Alt flight control restrictor to union sta 298 LH.	1	E,F,*1
-41	AN832-6	.	UNION	3	
	AN924-6D	.	NUT	3	
-42	172-58822-41	.	LINE ASSY, Alt flight control tee sta 296 to union sta 298	1	
-43	AN824-6	.	TEE	1	
-44	172-58822-43	.	LINE ASSY, alt flight control return tee sta 296 LH to filter	1	
-45	172-58821-51	.	LINE ASSY, Alt flight cont ret tee sta 321 to union sta 298	1	A
	172-58822-73	.	LINE ASSY, Alt flight cont ret tee sta 321 to union sta 298	1	B
-46	172-58822-49	.	LINE ASSY, Alternate flight control return elbow on relief valve to tee station 321	1	A
	172-58822-77	.	LINE ASSY, Alternate flight control return elbow on relief valve to tee station 321	1	B
-47	AN824-6	.	TEE	1	
-48	172-58821-49	.	LINE ASSY, Alt flight ret lower accum to tee in relief valve.	1	A
	191-58809-75	.	LINE ASSY, Alt flight cont ret elbow in accum to sta 298 RH	1	H
	172-58822-71	.	LINE ASSY, Alt flight cont ret lower accum to tee sta 321	1	B
-49	172-58821-45	.	LINE ASSY, Alt flight cont ret elbow sta 298 to upper accum	1	G
-50	172-58821-47	.	LINE ASSY, Alt flight cont return upper accum to lower accum.	1	G
	191-58809-73	.	LINE ASSY, Alternate flight control pressure tee sta 298 RH to tee in accumulator	1	H
-51	AN520-10R8	.	SCREW	1	
-52	AN815-6	.	UNION	1	N
-53	NAS424-6	.	COUPLING, Nut	1	N
-54	AN6290-6	.	GASKET	2	N
-55	172-58302-1		PAN ASSY, Hyd ground disconnect fus sta 333.5 LH (see fig. 159).	Ref	

*1 Reworked in accordance with T. O. 1F-86-168.

USEABLE ON CODE:
A 51-2850 thru 51-12969, 51-13070 thru 51-13129
B 51-12970 thru 51-12976, 51-13130 and subs
C 51-2850 thru 51-13169
D 51-13170 and subs
E 51-13170 thru 51-13510, 52-4305 thru 52-4854, 52-5272 thru 52-5328
F 52-4855 thru 52-5271, 52-5329 and subs
G 51-2850 thru 52-5063, 52-5272 thru 52-5386
H 52-5064 thru 52-5271, 52-5387 and subs
J 51-2850 thru 53-1146
K 53-1147 thru 53-1228
L 55-3816 and subs
M 51-2850 thru 55-3860
N 55-3861 and subs

FUSELAGE HYDRAULICS (Cont)

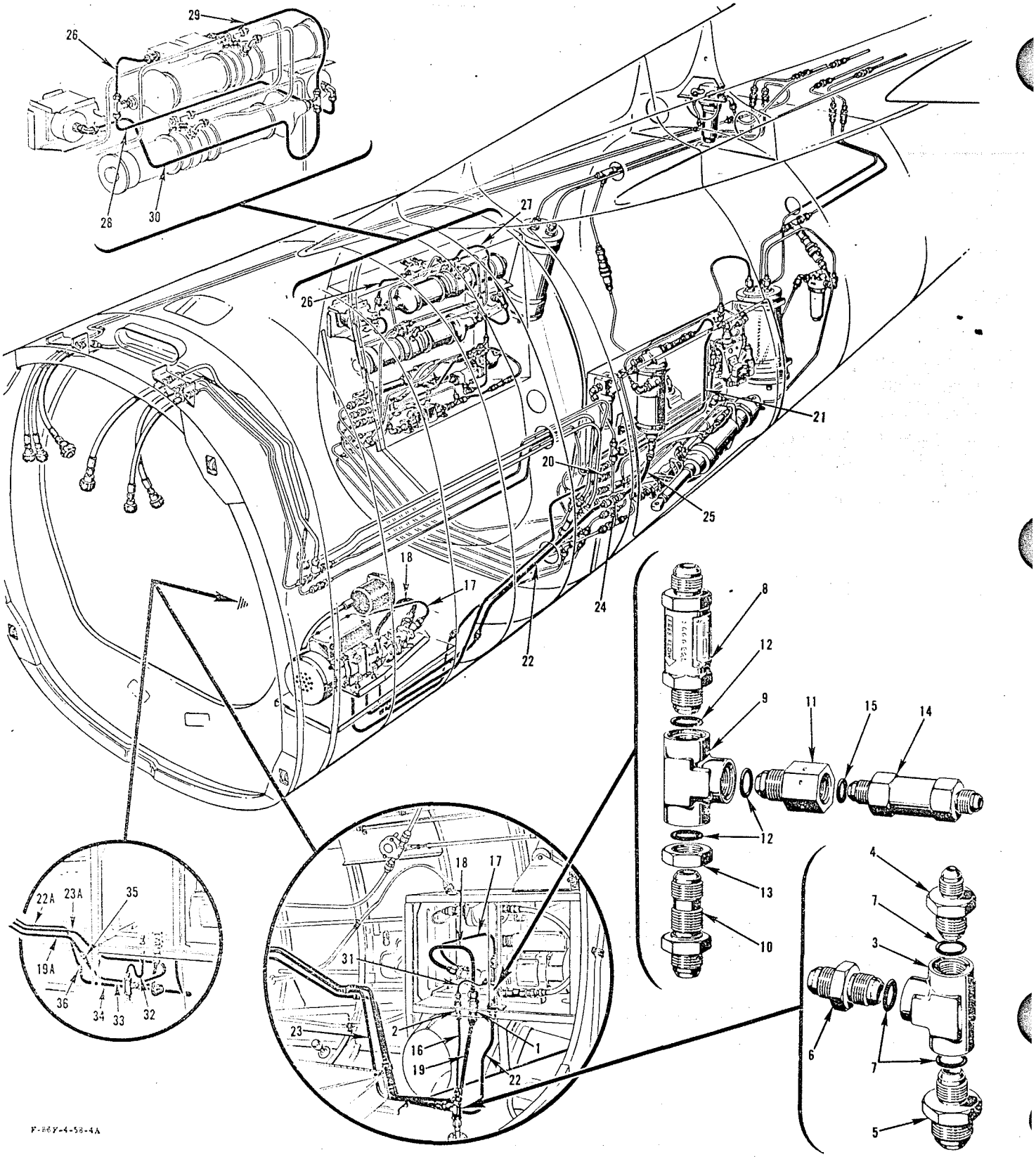


FIGURE 266 - AFT FUSELAGE MISCELLANEOUS HYDRAULIC LINES AND FITTINGS

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
266	No Number		AFT FUSELAGE MISCELLANEOUS HYDRAULIC LINES AND FITTINGS, (see figure 262 for next assembly)	NP	
-1	AN837-8	.	ELBOW	1	
	AN924-8D	.	NUT	1	
	AN960D1216	.	WASHER	1	
-2	AN837-3	.	ELBOW	1	
	AN924-3D	.	NUT	1	
	AN960D616	.	WASHER	1	
-3	AN926-6	.	TEE	1	
-4	AN919-5	.	REDUCER	1	
-5	AN919-12	.	REDUCER	1	
-6	AN815-6	.	UNION	1	
-7	AN6290-6	.	GASKET	3	
-8	AN6249-6	.	VALVE ASSY, 3000 psi hydraulic check	1	
-9	AN926-6	.	TEE	1	
-10	AN832-6	.	UNION	1	
-11	AN893-2	.	BUSHING	1	
-12	AN6290-6	.	GASKET	3	
-13	AN924-6D	.	NUT	1	
-14	25S2	.	SNUBBER, (Operating and Maintenance Specialties) (intrch wth Operating and Maintenance Specialties 114162, 25S2A or 8195 Sterer)	1	
-15	AN6290-4	.	GASKET	1	
-16	172-58823-11	*2 .	LINE ASSY, Alternate flight control pump drain to elbow station 258 to tee	1	
-17	172-58821-3	.	LINE ASSY, Alternate flight control pump press. to check valve and tee	1	
-18	172-58823-15	.	LINE ASSY, Alternate flight control pump suction elbow sta 252 to pump	1	
-19	172-58823-13	*2 .	LINE ASSY, Alternate flight control drain union sta 298 to tee station 260	1	
-19A	172-58823-61	*3 .	LINE ASSY, Alternate flight control pump suct from union sta 290 to union fus sta 270	1	
-20	AN832-6	.	UNION	1	
	AN924-6D	.	NUT	1	
-21	172-58822-25	.	LINE ASSY, Alternate flight control drain reservoir sight gage to union sta 298	1	
-22	172-58823-7	*2 .	LINE ASSY, Alternate flight control press. check valve and tee to union sta 298	1	
-22A	172-58823-59	*3 .	LINE ASSY, Alternate flight control press from union fus sta 270 to tee fus sta 290	1	
-23	172-58823-17	*2 .	LINE ASSY, Alternate flight control drain union sta 298 to tee station 260	1	
-23A	172-58823-63	*3 .	LINE ASSY, Alternate flight control drain from union fus sta 298 to tee fus sta 260	1	
-24	AN832-8	.	UNION	1	
	AN924-8D	.	NUT	1	
-25	172-58823-19	.	LINE ASSY, Alternate flight control pump suction reservoir to union sta 298 LH	1	*1
-26	172-58822-33	.	LINE ASSY, Accumulator air press. fwd valve to tee in upper accumulator	1	F
	191-58809-71	.	LINE ASSY, Accumulator air press. fwd valve to tee in upper accumulator	1	G
-27	172-58822-37	.	LINE ASSY, Accumulator air press. aft air valve to press gage	1	C
-28	172-58823-29	.	LINE ASSY, Accumulator air press. aft gage to tee in upper accumulator	1	D,C
-29	172-58823-33	.	LINE ASSY, Accumulator air press. aft filter to tee in lower accumulator	1	D
-30	172-58823-31	.	LINE ASSY, Accumulator air press. fwd press. gage to tee in lower accumulator	1	D,C
-31	172-58823-9	.	LINE ASSY, Alternate flight control pump drain pump to elbow sta 258 WL20 1/2	1	
-32	172-58823-65	*3 .	LINE ASSY, Alternate flight control pump drain from elbow fus sta 258.5 to tee	1	
-33	172-58823-67	*3 .	LINE ASSY, Alternate flight control pump suct from union fus sta 270 to elbow fus sta 258	1	
-34	172-58823-69	*3 .	LINE ASSY, Flight control press from check valve to union fus sta 270	1	
-35	AN815-8	*3 .	UNION	1	
-36	AN815-6	*3 .	UNION	1	

*1 Reworked in accordance with T.O 1F-86-168.
*2 Removed from airplanes modified per T.O. 1F-86F-532.
*3 Used on airplanes modified per T.O. 1F-86F-532.

USEABLE ON CODE:
C 51-2850 thru 51-13169
D 51-13170 thru 52-5063, 52-5272 thru 52-5386
F 51-2850 thru 52-5063, 52-5272 thru 52-5386
G 52-5064 thru 52-5271, 52-5387 and subs

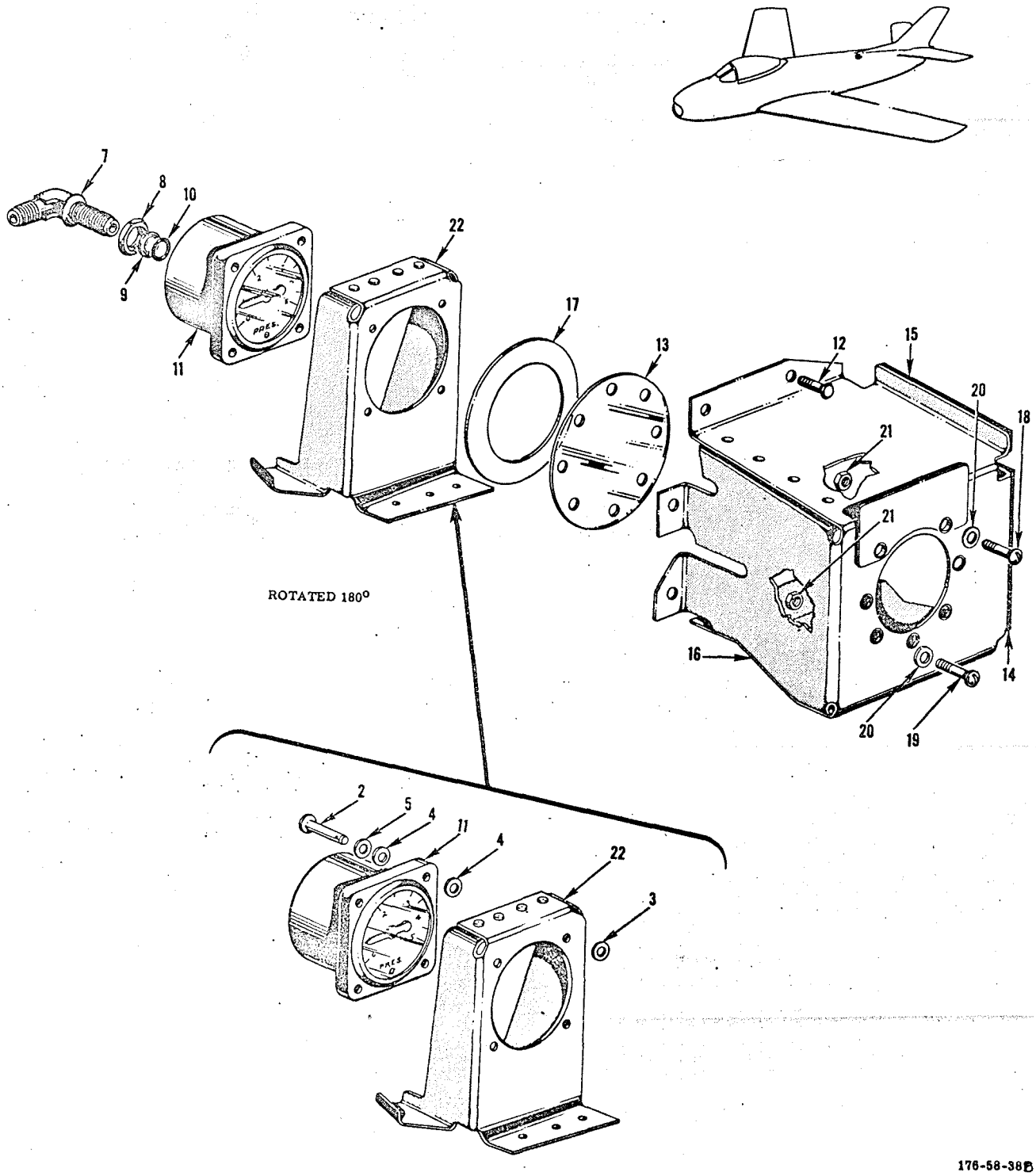


FIGURE 267 - HYDRAULIC EMERGENCY POWER CONTROL ACCUMULATOR AIR GAGE AND COVER ASSEMBLIES

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
267	No Number	*1	HYDRAULIC EMERGENCY POWER CONTROL ACCUMULATOR AIR GAGE AND COVER. ASSEMBLIES AND ATTACHING PARTS, (see fig. 262 for next assembly)	NP	
	172-58626-3		. GAGE ASSY, Hydraulic emergency power control accumulator air complete (forward)	1	
	172-58626-5		. GAGE ASSY, Hydraulic emergency power control accumulator air complete (forward)	1	A
	172-58626-7		. GAGE ASSY, Hydraulic emergency power control accumulator air complete (aft)	1	B
	ATTACHING PARTS				
-1	Deleted		. . . . .		
-2	AN392-21		. PIN, (used with 172-58626-3)	4	
	AN392-19		. PIN, (used with 172-58626-5 and -7)	4	
-3	2W1AL10-12-40		. WASHER, Plain (used with 172-58626-3) (North American)	8	
-4	2W1R8-14-62		. WASHER, Plain (used with 172-58626-3 and -7) (North American).	8	
-5	2W1AL10-12-40		. WASHER, Plain (Used with 172-58626-7) (North American)	4	
-6	Deleted		. . . . .		
	---*---				
-7	AN833-4		. . ELBOW, (used on 172-58626-3)	1	
	AN834-4		. . TEE, (used on 172-58626-5)	1	A
	AN833-4		. . ELBOW, (used on 172-58626-7)	1	B
-8	AN6289-4		. . NUT	1	
-9	AN6291-4		. . RING, (used on 172-58626-5 & -7 only)	1	A,B
	5R15-4		. . RING, Split back-up (North American) (used on 172-58626-3 & -7 only)	1	
-10	AN6290-4		. . GASKET.	1	
-11	AN5771-7A		. . GAGE, Single 1 7/8 dial pressure (GFAE) (AN5771T7A) . . . . (GFAE) may be used as an alternate)	1	
	172-58204		. COVER ASSY, Hydraulic emergency power control accumulator air gage (forward)	1	
	172-58202		. COVER ASSY, Hydraulic emergency power control accumulator air complete (aft)	1	A
	172-58229		. COVER ASSY, Hydraulic emergency power control accumulator air gage (aft)	1	B
	ATTACHING PARTS				
-12	AN3-3A		. BOLT	6	
	---*---				
-13	172-58205		. . WINDOW, Hydraulic air gage cover	1	
-14	172-58204-11		. . PAD, Accumulator air gage cover (forward)	1	
	172-58202-11		. . PAD, Accumulator air gage cover (aft)	1	A
	172-58229-11		. . PAD, Accumulator air gage cover (aft)	1	B
-15	172-58204-9		. . PAD, Accumulator air gage cover (forward)	1	
	172-58202-9		. . PAD, Accumulator air gage cover (aft)	1	A
	172-58229-9		. . PAD, Accumulator air gage cover (aft)	1	B
-16	172-58204-3		. . COVER, Accumulator air gage cover (forward)	1	
	172-58202-3		. . COVER, Accumulator air gage cover (aft)	1	A
	172-58229-3		. . COVER, Accumulator air gage cover (aft)	1	B
-17	172-58204-5		. . RING, Accumulator air gage cover (forward)	1	
	172-58202-5		. . RING, Accumulator air gage cover (aft)	1	A
	172-58229-5		. . RING, Accumulator air gage cover (aft)	1	B
-18	AN515-8R10		. . SCREW, (used on 172-58204 only)	7	
	AN515-8R10		. . SCREW, (used on 172-58202 and 172-58229)	2	
-19	AN515-8R9		. . SCREW, (used on 172-58202 and 172-58229)	5	
-20	AN960D8L		. . WASHER	7	
-21	AN365-832		. . NUT, (used with 172-58204 and 172-58202 only)	7	
	3600-2-82		. . NUTPLATE, (AN362-832) (Nutt-Shel) (used with 172-58229 only)	7	
-22	172-58203		BRACKET ASSY, Hydraulic emergency power control accumulator air gage forward (see figure 159)	Ref	
	172-58201		BRACKET ASSY, Hydraulic emergency power control accumulator air gage aft (see figure 159)	Ref	

*1 Reworked per T. O. No. 1F-86-14D.

USEABLE ON CODE: A 51-2850 thru 51-13169
B 51-13170 thru 51-13510,
52-4305 thru 52-5063,
52-5272 thru 52-5386

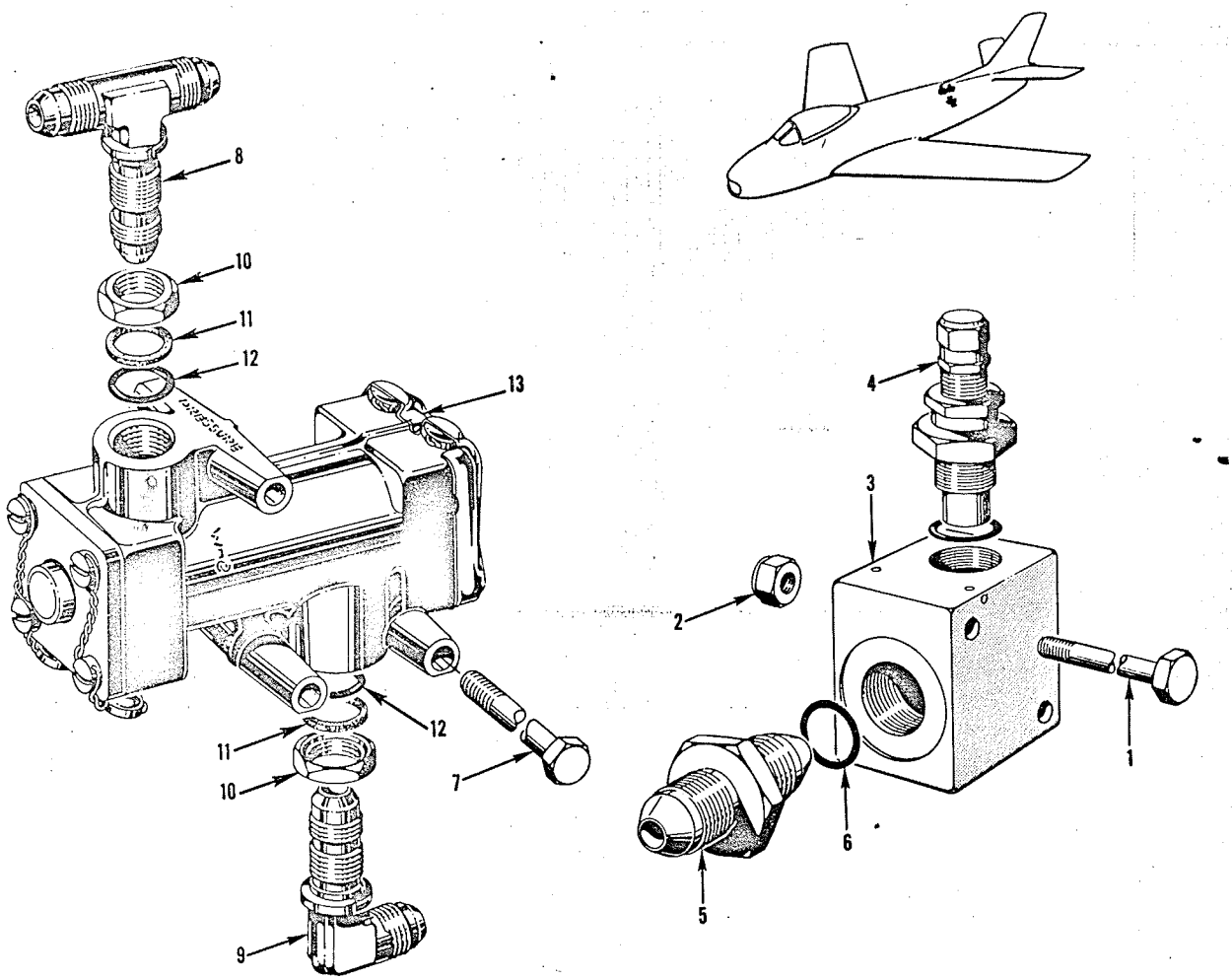


FIGURE 268 - HYDRAULIC ACCUMULATOR AIR MOUNT AND EMERGENCY POWER CONTROL VALVE ASSEMBLIES AND ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
268		ACCUMULATOR AIR MOUNT AND EMERGENCY POWER CONTROL VALVE ASSEMBLIES AND ATTACHING PARTS		
	172-58643-3	. VALVE ASSY, Hydraulic accumulator air mount (aft section) complete (see figure 262 for next assembly)	Ref	
	172-58643-5	. VALVE ASSY, Hydraulic accumulator air mount (aft section) complete (see figure 262 for next assembly)	Ref	A
		ATTACHING PARTS		
-1	AN3-13A	. BOLT	4	
-2	AN365-1032	. NUT	4	
		---*---		
-3	161-58117	. . FITTING, Hydraulic accumulator air valve mount	1	
-4	AN6287-1	. . VALVE, Air high pressure 3/4 hexagon	1	
-5	AN815-4	. . UNION	1	
-6	AN6290-4	. . GASKET	1	
	172-58628-3	. VALVE ASSY, Hydraulic alternate flight control relief complete (see figure 262 for next assembly)	Ref	
		ATTACHING PARTS		
-7	AN3-21A	. BOLT	3	
		---*---		
-8	AN834-6	. . TEE	1	
-9	AN833-6	. . ELBOW	1	
-10	AN6289-6	. . NUT	2	
-11	AN6291-6	. . RING	2	
-12	AN6290-6	. . GASKET	2	
-13	AN6279-6CD	. . VALVE ASSY, Hyd two-way relief	1	

USEABLE ON CODE: A - 51-2850 thru 52-5063, 52-5272 thru 52-5386

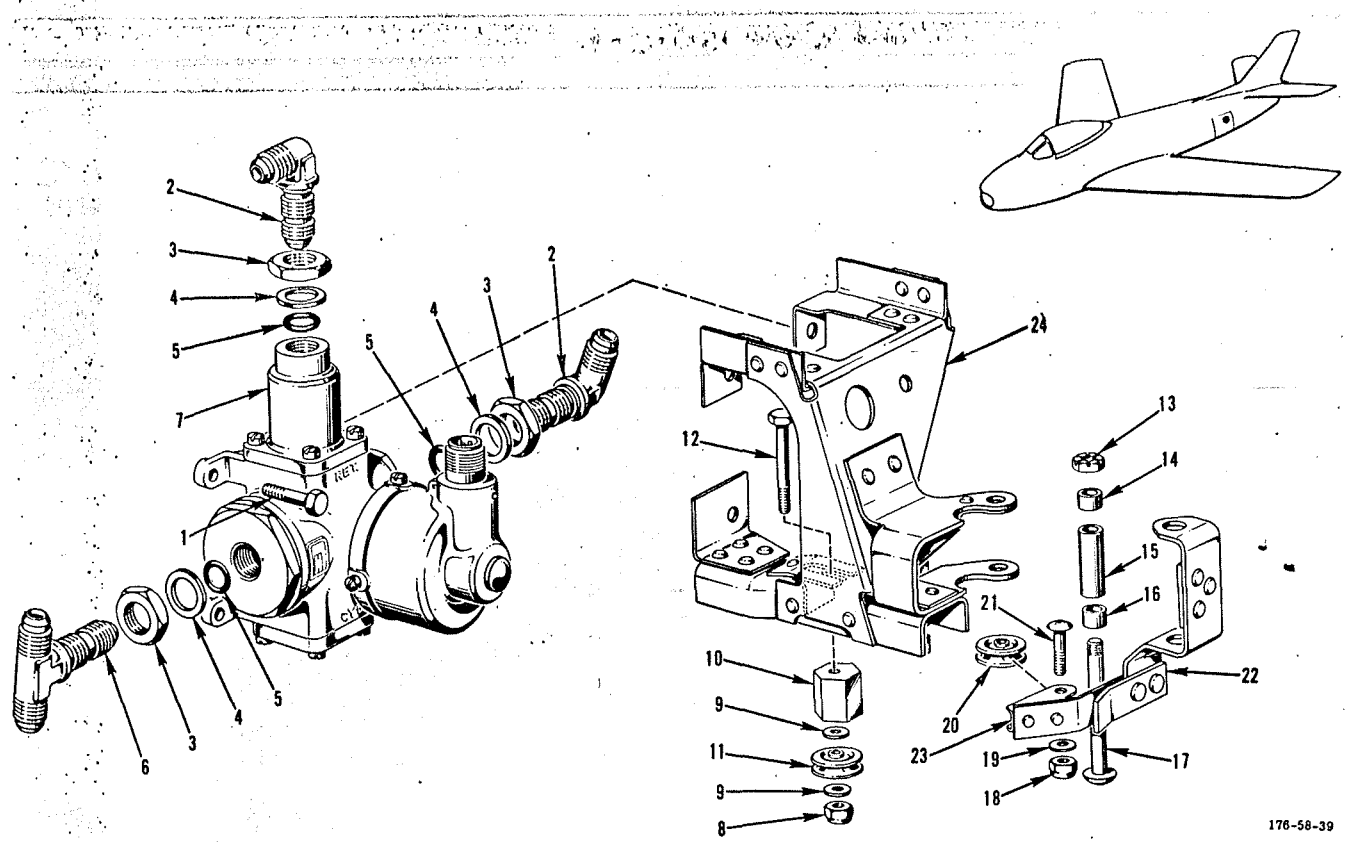


FIGURE 269 - HYDRAULIC EMERGENCY POWER CONTROL SHUT-OFF VALVE AND SURFACE CONTROL MANUAL CHANGE-OVER BRACKET ASSEMBLIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
269			HYDRAULIC EMERGENCY POWER CONTROL SHUT-OFF VALVE AND SURFACE CONTROL MANUAL EMERGENCY CHANGE-OVER BRACKET ASSEMBLIES		
	172-58625-3	.	VALVE ASSY, Hydraulic emergency power control shut-off complete (see figure 262 for next assembly)	Ref	
			ATTACHING PARTS		
-1	AN4-7A	.	BOLT	3	
			---*---		
-2	AN833-6	. .	ELBOW	2	
-3	AN6289-6	. .	NUT	3	
-4	AN6291-6	. .	RING	3	
-5	AN6290-6	. .	GASKET	3	
-6	AN834-6	. .	TEE	1	
-7	25386-5	. .	VALVE ASSY, Hyd actuating 3-way 2 position 3000 psi (Whittaker) (North American Spec NA5-8228-5) (use Whittaker 25386-1 until exh)	1	*1
	172-52047	.	BRACKET ASSY, Surface control manual emer change-over complete (see fig. 262 for next assy) (whn exh use 191-52047-5)	Ref	
-8	AN365-1032	. .	NUT	1	
-9	AN960D10	. .	WASHER	2	
-10	172-52088	. .	SUPPORT, Surface control manual emer change-over cam	1	
-11	FL3C3	. .	ROLLER, (Fafnir)	1	
-12	AN3-14A	. .	BOLT	1	
-13	AN320-4	. .	NUT	1	
-14	4B19S4-008	. .	BUSHING, Press-fit plain (North American)	1	
-15	4B21S4-106	. .	BUSHING, Spacer (North American)	1	
-16	4B19S4-007	. .	BUSHING, Press-fit plain (North American)	1	
-17	AN24-34	. .	BOLT	1	
	172-52042	. .	BELLCRANK ASSY, Surface control manual emergency change-over complete	1	
-18	AN364-1032	. . .	NUT	1	
-19	AN960D10L	. . .	WASHER	1	
-20	FL3C3	. . .	ROLLER, Fairlead (Fafnir)	1	
-21	AN23-11A	. . .	BOLT	1	
-22	172-52042-7	. . .	BELLCRANK ASSY, Surface control manual emergency change-over	1	
-23	172-52086	. . . .	SPRING, Surface control manual emer change-over	1	
-24	165-52041	. .	BRACKET ASSY, Surface control manual emer change-over	1	

*1 (intrch wth Proof 13-1054 (North American Spec NA5-8228-4), Proof 13-1018 (North American Spec NA5-8228-3).

FUSELAGE HYDRAULICS (Cont)

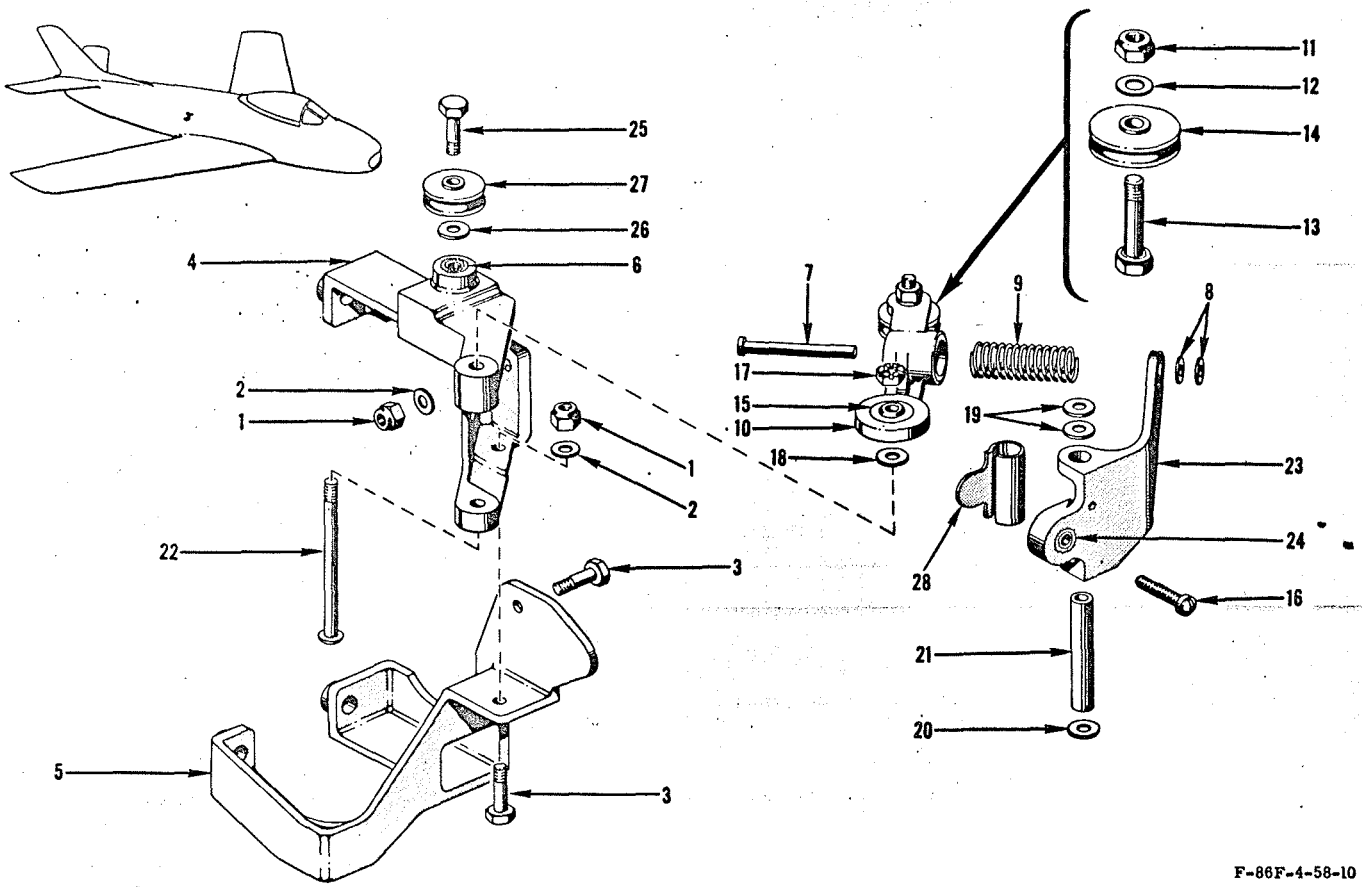
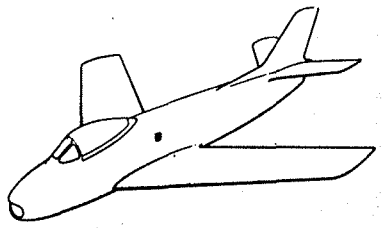


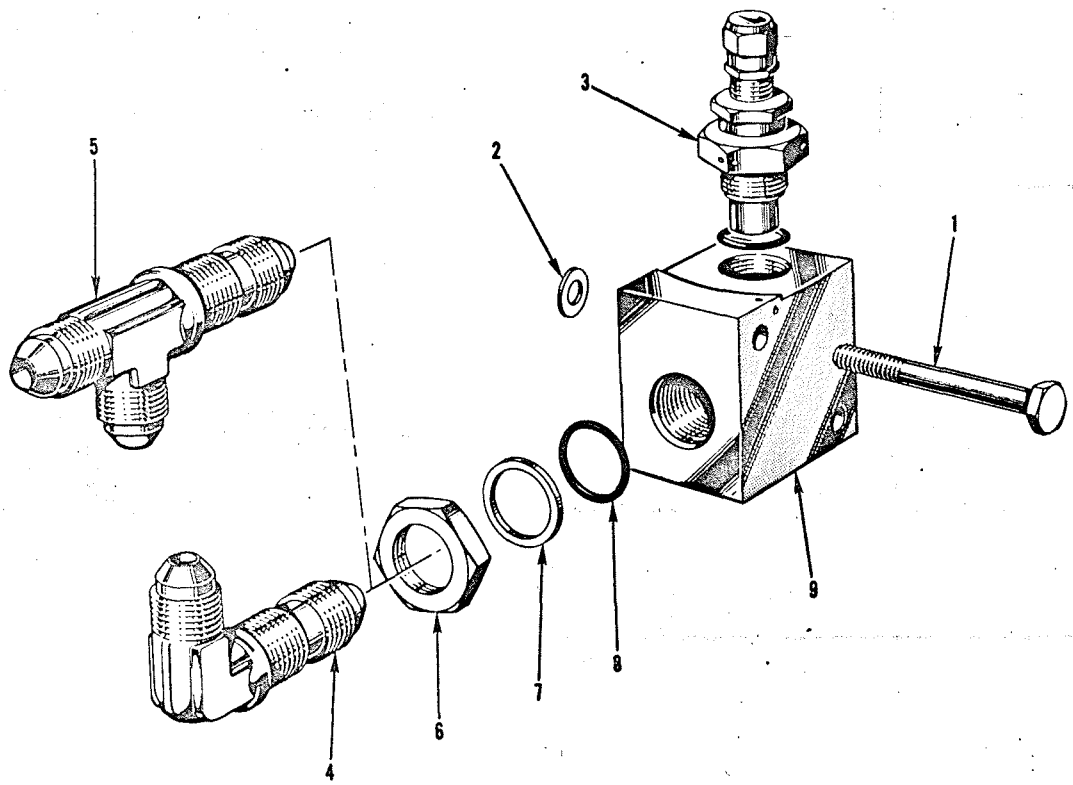
FIGURE 270 - SURFACE CONTROL MANUAL CHANGE-OVER TRANSFER VALVE MECHANISM SUPPORT ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
270	191-52047-5		SUPPORT ASSY, Surf. cont manual change-over transfer valve mech (see fig. 262 for next assy) (use 172-52(/ untl exh)	Ref	
	191-52041-5	Ø .	BRACKET ASSY, Surf. cont manual change-over transfer valve mech	1	
-1	AN365-1032	. .	NUT	2	
-2	AN960D10L	. .	WASHER	2	
-3	AN3-5A	. .	BOLT	2	
-4	191-52039	Ø . .	BRACKET, Surf. cont manual change-over transfer valve mechanism upper	1	
-5	191-52040-5	Ø . .	BRACKET, Surf. control manual change-over transfer valve mechanism upper	1	
-6	RL24SB7	. .	RING, (Rosan)	1	
	RD205SB5.5L	. .	INSERT, (Rosan)	1	
-7	AN393-35	.	PIN	1	
-8	AN960D10L	.	WASHER	2	
-9	191-52044	.	SPRING, Compression	1	
-10	191-52043	.	ARM ASSY, Surf. cont manual change-over transfer valve mech	1	
-11	AN365D1032	. .	NUT	1	
-12	AN960-10	. .	WASHER	1	
-13	AN23-14A	. .	BOLT	1	
-14	FL3C3	. .	PULLEY, (Fafnir)	1	
-15	AN200K3L	. .	BEARING	1	
-16	AN503-8-12	.	SCREW	1	
-17	AN320-3	.	NUT	1	
-18	AN960D10L	.	WASHER	1	
-19	AN960D516L	.	WASHER	AR	
-20	AN960D516	.	WASHER	1	
-21	NAS43C3-118	.	SPACER, Screw and bolt	1	
-22	AN23-46	.	BOLT	1	
-23	191-52042	.	BELLCRANK ASSY, Surface control manual change-over transfer valve operating	1	
-24	RL21SB6	. .	RING, (Rosan)	1	
	RD104SH5L	. .	INSERT, (Rosan)	1	
-25	AN3-6A	.	BOLT	1	
-26	2W18-10	.	WASHER, Plain (North American)	1	
-27	FL3C3	.	PULLEY, (Fafnir)	1	
-28	191-52036	.	GUARD, Surface control manual emergency changeover valve button	1	

Ø Drilled to match when assembled. Do not order details separately.

FUSELAGE HYDRAULICS (Cont)





176-58-7B

FIGURE 271 - HYDRAULIC ACCUMULATOR AIR MOUNT VALVE ASSEMBLY AND ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
271	170-58643-1		VALVE ASSY, Hydraulic accumulator air mount complete (see figure 255 for next assembly)	Ref	A
	170-58643-5		VALVE ASSY, Hydraulic accumulator air mount complete (see figure 255 for next assembly)	Ref	B
	170-58643-2		VALVE ASSY, Hydraulic accumulator air mount complete RH (see figure 239 for next assembly)	Ref	A
	170-58643-6		VALVE ASSY, Hydraulic accumulator air mount complete RH (see figure 239 for next assembly)	Ref	C
	ATTACHING PARTS				
-1	AN3-13A		BOLT	4	
-2	AN960D10		WASHER	4	
	---*---				
-3	AN6287-1		. VALVE ASSY, Air high pressure 3/4 hexagon	1	
-4	AN833-4		. ELBOW, (used on 170-58643-1 only)	1	A
	AN833-4D		. ELBOW, (used on 170-58643-5 only)	1	B
-5	AN804-4		. TEE, (used on 170-58643-2 only)	1	A
	AN804D4		. TEE, (used on 170-58643-6 only)	1	C
-6	AN6289-4		. NUT	1	
-7	AN6291-4		. RING	1	
-8	AN6290-4		. GASKET	1	
-9	161-58117		. FITTING, Hydraulic accumulator air valve mount	1	

USEABLE ON CODE: A 51-2850 thru 52-4604; B 52-4605 and subs; C 52-4605 thru 52-5063, 52-5272 thru 52-5386

FUSELAGE HYDRAULICS (Cont)

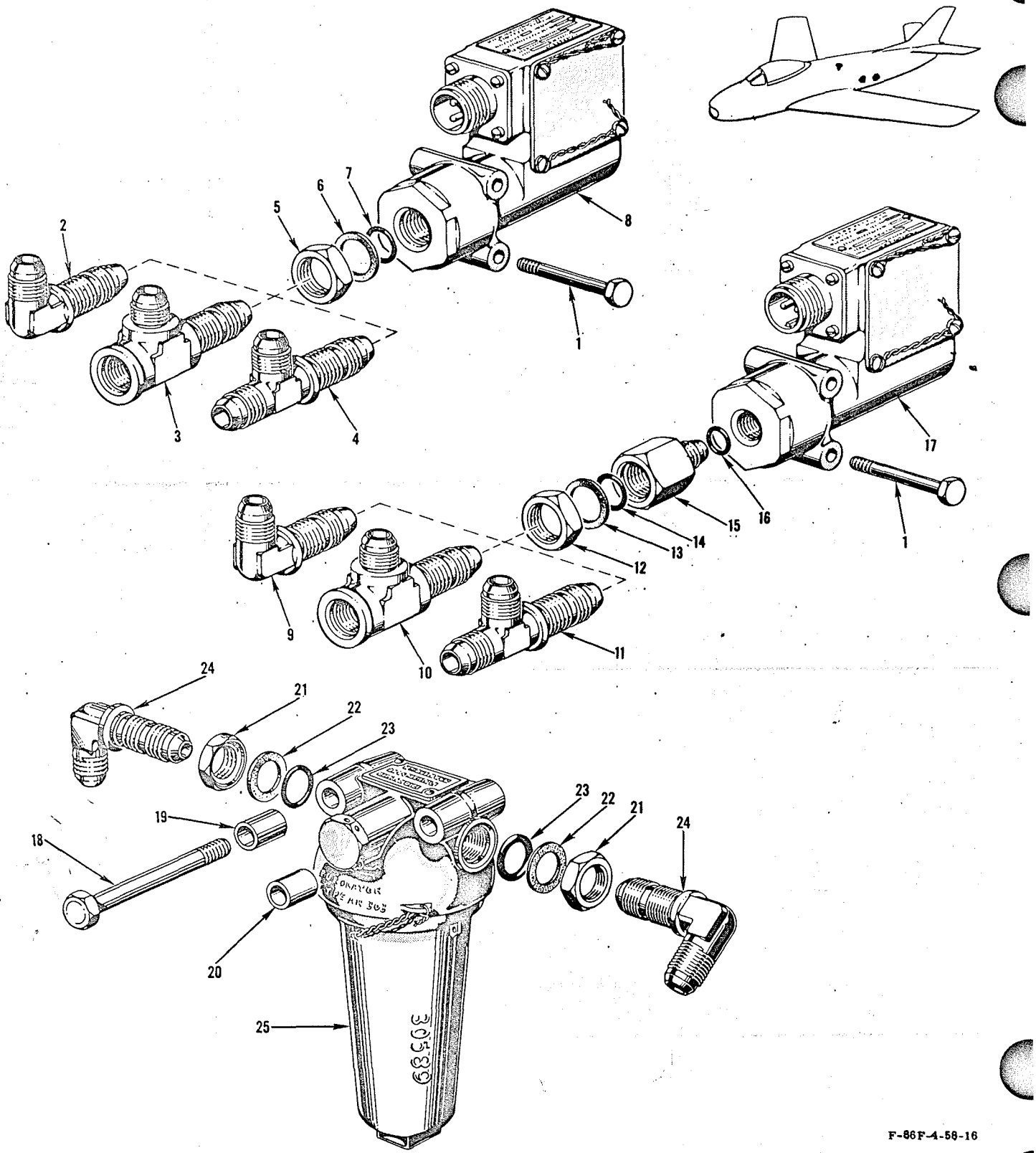


FIGURE 272 - AFT FUSELAGE EMERGENCY HYDRAULIC FLIGHT CONTROL PRESSURE SWITCH AND FILTER ASSEMBLIES AND ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
272			AFT FUSELAGE HYDRAULIC FLIGHT CONTROL PRESSURE SWITCH AND FILTER ASSEMBLIES AND ATTACHING PARTS		
	172-58624-3		SWITCH ASSY, Hydraulic emergency power control pressure complete (LH fwd) (see fig. 262 for next assy)	Ref	A
	172-58624-3		SWITCH ASSY, Hydraulic emergency power control pressure complete (RH fwd) (see fig. 262 for next assy)	Ref	A
	172-58624-5		SWITCH ASSY, Hydraulic emergency power control pressure complete (RH aft) (see fig. 262 for next assy)	Ref	A
	172-58624-9		SWITCH ASSY, Hydraulic emergency power control pressure complete (LH aft) (see fig. 262 for next assy)	Ref	A
	172-58623		SWITCH ASSY, Hydraulic emergency power control pressure complete (LH fwd) (see fig. 262 for next assy)	Ref	B
	172-58623		SWITCH ASSY, Hydraulic emergency power control pressure complete (RH fwd) (see fig. 262 for next assy)	Ref	B
	172-58622-3		SWITCH ASSY, Hydraulic emergency power control pressure complete (LH aft) (see fig. 262 for next assy)	Ref	B
	172-58622-5		SWITCH ASSY, Hydraulic emergency power control pressure complete (RH aft) (see fig. 262 for next assy)	Ref	B
	ATTACHING PARTS				
-1	AN3-17A		BOLT	8	
	2W1F16-24-62		WASHER, Plain (North American)	8	B
		---*---			
-2	AN833-6		ELBOW, (used on 172-58624-3)	1	A
-3	AN784-6		TEE, (used on 172-58624-9)	1	A
-4	AN804-6		TEE, (used on 172-58624-5)	1	A
-5	AN6289-6		NUT	1	A
-6	AN6291-6		RING	1	A
-7	AN6290-6		GASKET	1	A
-8	90100-4	*1	SWITCH, Pressure (North American Spec NA5-8299-1, type 3A) (Hydraulic Research) (used on 172-58624-3 only) (use Saval 22720-2 (North American Spec NA5-8265-2) or Hydraulic Research 29100-4 (North American Spec NA5-8265-3) until exh)	1	A
	90100-1	*2	SWITCH, Pressure (North American Spec NA5-8299-1, type 1A) (Hydraulic Research) (used on 172-58624-5 and -9 only) (use Saval 22716-1 (North American Spec NA5-8265-2) or Hydraulic Research 29100-1 (North American Spec NA5-8265-3) until exh)	1	A
-9	AN833-6		ELBOW, (used on 172-58623)	1	B
-10	AN784-6		TEE, (172-58622-3)	1	B
-11	AN804-6		TEE, (172-58622-5)	1	B
-12	AN6289-6		NUT	1	B
-13	AN6291-6		RING	1	B
-14	AN6290-6		GASKET	1	B
-15	AN894-6-4		BUSHING	1	B
-16	AN6290-4		GASKET	1	B
-17	90000-4	*3	SWITCH, Pressure (North American Spec NA5-8299-1, type 3A) (Hydraulic Research) (used on 172-58623 only)	1	B
	90000-1	*4	SWITCH, Pressure (North American Spec NA5-8299-1, type 1A) (Hydraulic Research) (used on 172-58622-3 and -5 only)	1	B
	172-58630		FILTER ASSY, Hydraulic emergency power control complete (see fig. 262 for next assy)	Ref	
	ATTACHING PARTS				
-18	AN3-25A		BOLT	2	
-19	NAS43DD4-43		SPACER, Screw and bolt	1	
-20	NAS43DD4-40		SPACER, Screw and bolt	1	
		---*---			
-21	AN6289-6		NUT	2	
-22	AN6291-6		RING	2	
-23	AN6290-6		GASKET	2	
-24	AN833-6		ELBOW	2	
-25	30017		FILTER, Hydraulic replaceable element line type (Purolator) (AN6234-2)	1	

*1 Intrch with (North American Spec NA5-8299-2) Frebank 5000-26, (North American Spec NA5-8299-5) Allen Eng Co 11138.

*2 Intrch with (North American Spec NA5-8299-2) Frebank 4000-16, (North American Spec NA5-8299-5) Allen Eng Co 11136.

*3 Intrch with (North American Spec NA5-8299-4) Cook Electric 575-53, (North American Spec NA5-8235-3) Leonard 106030-4, (North American Spec NA5-8235-11) Frebank 3000-24, (North American Spec NA5-8299-2) Frebank 5000-24, (North American Spec NA5-8235-4) Drescher 50001-4, (North American Spec NA5-8235-5) 29000-4 Hydraulic Research, (North American Spec NA5-8235-2) Meletron 1516-16-13, (North American Spec NA5-8299-3) Leonard, W.O. 106130-4, (North American Spec NA5-8299-5) Allen Eng Co 13133.

*4 Intrch with (North American Spec NA5-8299-4) Cook Electric 575-51, (North American Spec NA5-8235-4) Drescher 50001-1, (North American Spec NA5-8235-3) Leonard 106030-3 (North American Spec NA5-8235-5) Hydraulic Research 29000-1, (North American Spec NA5-8235-2) Meletron 1516-15-1, (North American Spec NA5-8299-2 Frebank 4000-14 (North American Spec NA5-8299-3) Leonard, W.O. 106130-2 and (North American Spec NA5-8299-5) Allen Eng Co 13131.

USEABLE ON CODE: A 51-2850 thru 51-12969, 51-13070 thru 51-13129 B 51-12970 thru 51-12976, 51-13130 and subs

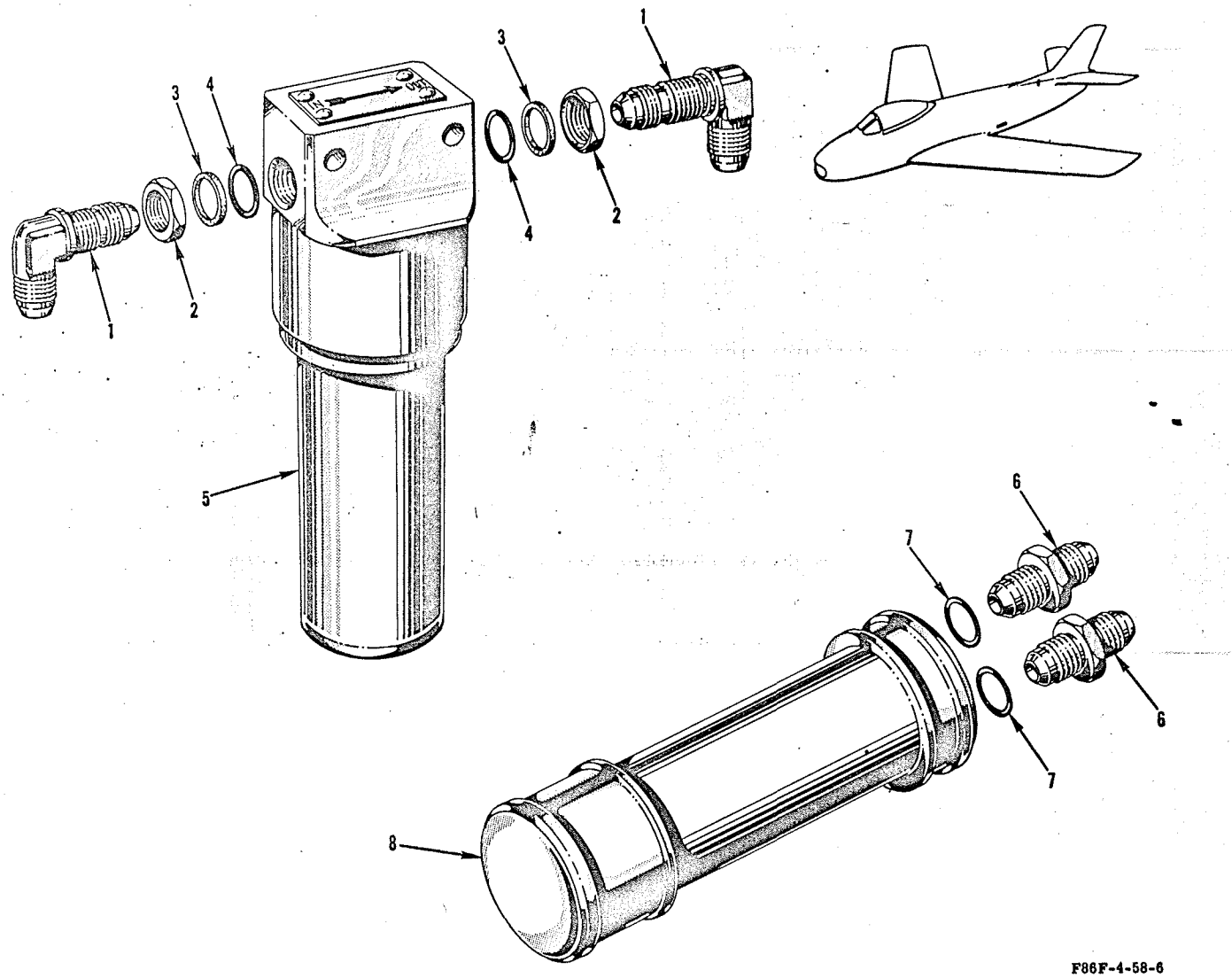


FIGURE 273 - AFT FUSELAGE NORMAL HYDRAULIC POWER CONTROL FILTER AND COMPENSATOR ASSEMBLIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
273			AFT FUSELAGE NORMAL HYDRAULIC POWER CONTROL FILTER AND COMPENSATOR ASSEMBLIES		
	170-58656-5	.	FILTER ASSEMBLY, Hydraulic power control 6 tube size (see figure 262 for next assembly)	Ref	
	170-58656-7	.	FILTER ASSEMBLY, Hydraulic power control 6 tube size	Ref	A
	170-58656-13	.	FILTER ASSEMBLY, Hydraulic power control 6 tube size (see figure 255 for next assembly)	Ref	B
-1	AN833-6	. .	ELBOW, (used on 170-58656-5)	2	
	AN833-6	. .	ELBOW, (used on 170-58656-7)	2	A
	AN833-6D	. .	ELBOW, (used on 170-58656-13)	2	B
-2	AN6289-6	. .	NUT	2	
-3	AN6291-6	. .	RING	2	
-4	AN6290-6	. .	GASKET	2	
-5	MS28720-6	. .	FILTER ASSY, (Purolator) (use Purolator 38426 until exh)	1	
	172-58610	.	COMPENSATOR ASSY, Hyd power control complete (see figure 262 for next assembly)	Ref	
-6	AN815-6	. .	UNION	2	
-7	AN6290-6	. .	GASKET	2	
-8	170-58010-3	. .	COMPENSATOR ASSY, Hyd power control (use 170-58010 until exh) (refer to T. O. 9H1-2-7-4 for breakdown)	1	

USEABLE ON CODE: A 51-2850 thru 52-4604 B 52-4605 and subs

FUSELAGE HYDRAULICS (Cont)

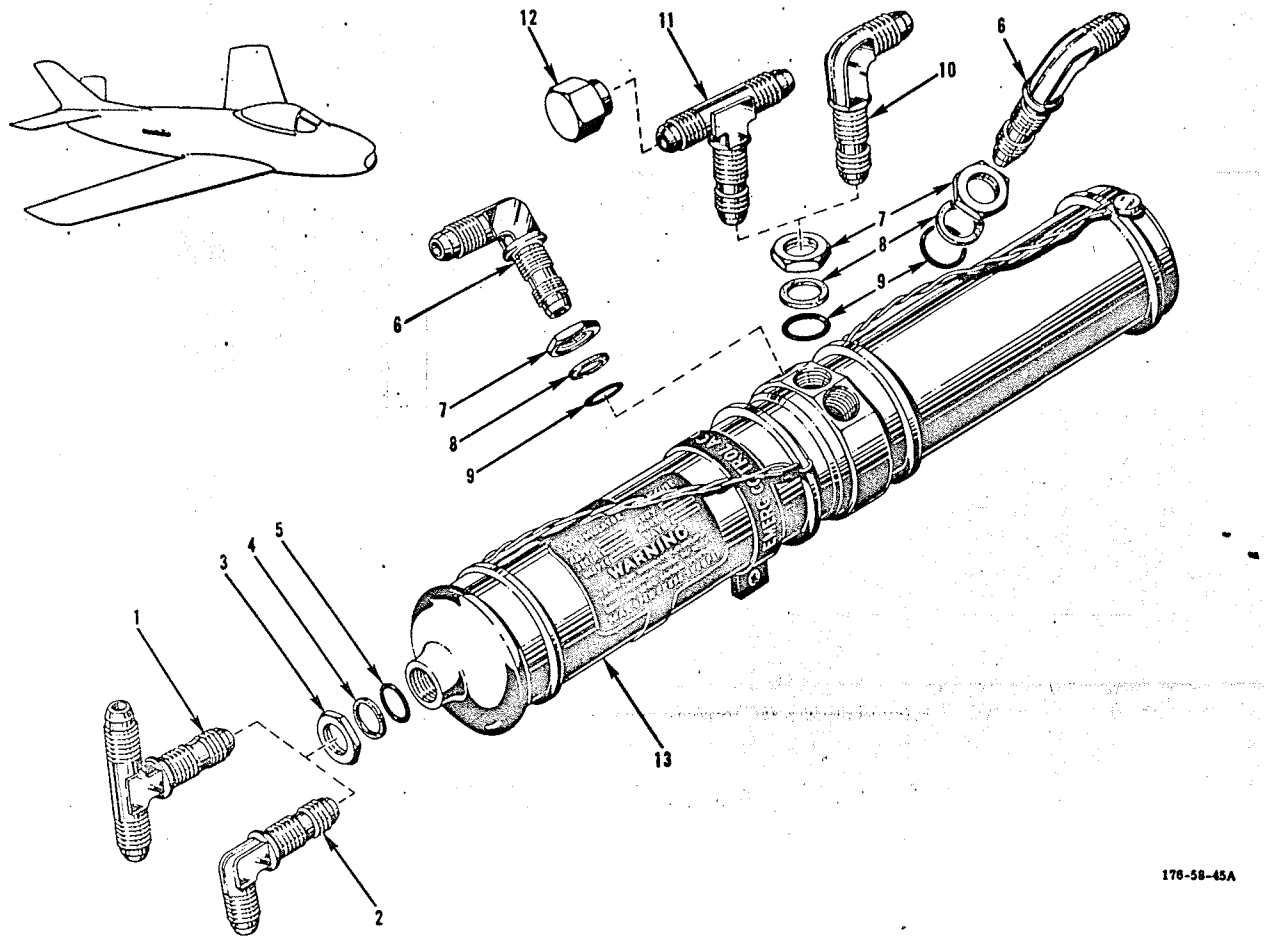


FIGURE 274 - COMPLETE HYDRAULIC EMERGENCY POWER CONTROL SELF-DISPLACING ACCUMULATOR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
274	172-58627-3	ACCUMULATOR ASSY, Hydraulic emer power control self-displacing . complete (RH upper) (see figure 262 for next assembly)	Ref	A
	172-58627-11	ACCUMULATOR ASSY, Hydraulic emer power control self-displacing . complete (RH upper) (see figure 262 for next assembly)	Ref	B
	172-58627-5	ACCUMULATOR ASSY, Hydraulic emer power control self-displacing . complete (RH lower) (see figure 262 for next assembly)	Ref	C
	172-58627-13	ACCUMULATOR ASSY, Hydraulic emer power control self-displacing . complete (RH lower) (see figure 262 for next assembly)	Ref	D
	172-58627-15	ACCUMULATOR ASSY, Hydraulic emer power control self-displacing . complete (RH lower) (see figure 262 for next assembly)	Ref	E
	172-58627-17	ACCUMULATOR ASSY, Hydraulic emer power control self-displacing . complete (RH lower) (see figure 262 for next assembly)	Ref	F
	172-58627-19	ACCUMULATOR ASSY, Hydraulic emer power control self-displacing . complete (RH lower) (see figure 262 for next assembly)	Ref	G
-1	AN834-4	. TEE, (used on 172-58627-3, -11, -15, -17 and -19)	1	A,B,E,F,G
-2	AN833-4	. ELBOW, (used on 172-58627-5 and -13)	1	C,D
-3	AN6289-4	. NUT	1	
-4	AN6291-4	. RING	1	
-5	AN6290-4	. GASKET	1	
-6	AN833-6	. ELBOW	2	
-7	AN6289-6	. NUT	3	
-8	AN6280-6	. RING	3	
-9	AN6291-6	. GASKET	3	
-10	AN833-6	. ELBOW, (used on 172-58627-3 only)	1	A
-11	AN834-6	. TEE, (used on 172-58627-5, -11, -13, -15, -17 and -19) . . .	1	B,C,D,E,F,G
-12	AN929-6	. CAP, (used on 172-58627-13, -15, and -19)	1	D,E
-13	177-58047-15	. ACCUMULATOR ASSY, Hyd 60 cubic inch self-displacing (refer to T. O. 9H1-2-6-4 for breakdown) (use 165-58047-3 if reworked per T. O. 1F-86-125 or 177-58047, 177-58047-10 or 177-58047-13 until exh)	1	

USEABLE ON CODE: A 51-2850 thru 51-2928, 51-13070 thru 51-13510; B 51-2929 thru 51-12976, 52-4305 and subs; C 51-2850 thru 51-2928, 51-13070 thru 51-13169; D 51-2929 thru 51-12976; E 52-4305 thru 52-5063 and 52-5272 thru 52-5386; F 51-13170 thru 51-13510; G 52-5064 thru 52-5271 and 52-5387 and subs

FUSELAGE HYDRAULICS (Cont)

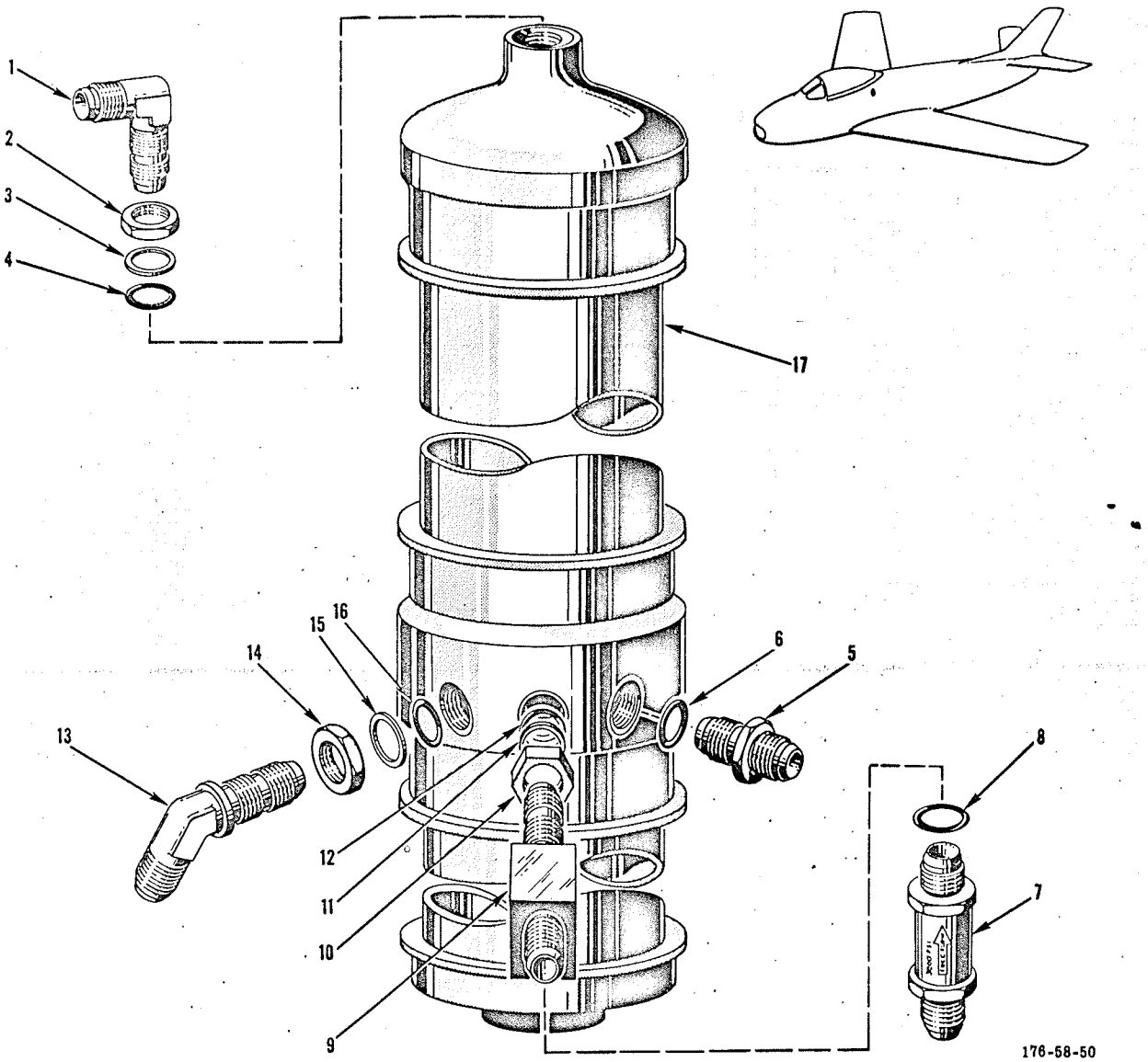


FIGURE 275 - COMPLETE HYDRAULIC POWER CONTROL SYSTEM ACCUMULATOR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
275	172-58607-5	ACCUMULATOR ASSEMBLY, Hydraulic power control system complete (see figure 255 for next assembly)	Ref	A
	172-58607-7	ACCUMULATOR ASSEMBLY, Hydraulic power control system complete (see figure 255 for next assembly)	Ref	B
-1	AN833-4	. ELBOW	1	A
	AN833-4D	. ELBOW	1	B
-2	AN6289-4	. NUT	1	
-3	AN6291-4	. RING	1	
-4	AN6290-4	. GASKET	1	
-5	AN919-12D	. REDUCER	1	
-6	AN6290-6	. GASKET	1	
-7	AN6249-8	. VALVE ASSEMBLY, 3000 psi hydraulic check	1	
-8	AN6290-8	. GASKET	1	
-9	172-58188	. FITTING, Hydraulic universal	1	
-10	AN6289-6	. NUT	1	
-11	AN6291-6	. RING	1	
-12	AN6290-6	. GASKET	1	
-13	AN837-6D	. ELBOW	1	
-14	AN6289-6	. NUT	1	
-15	AN6291-6	. RING	1	
-16	AN6290-6	. GASKET	1	
-17	177-58047-15	. ACCUMULATOR ASSY, Hyd 60 cubic inch self-displacing (refer to T. O. 9H1-2-6-4 for breakdown) (use 165-58047-3 if reworked per T. O. 1F-86-125 or 177-58047, 177-58047-10 or 177-58047-13 until exh)	1	

USEABLE ON CODE: A 51-2850 thru 52-4604 B 52-4605 and subs

FUSELAGE HYDRAULICS (Cont)

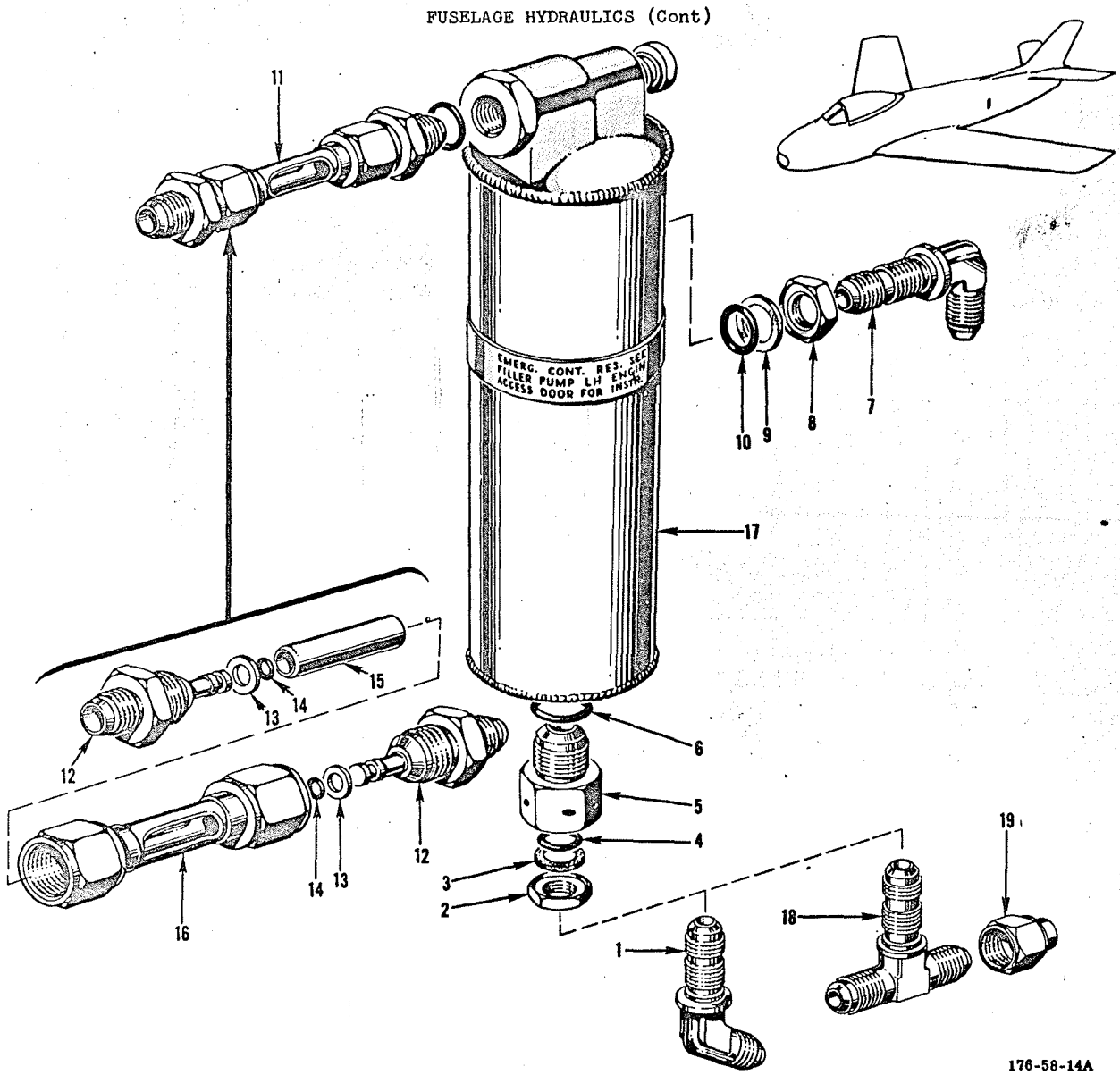


FIGURE 276 - COMPLETE HYDRAULIC EMERGENCY POWER CONTROL RESERVOIR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
276	172-58629	RESERVOIR ASSY, Hydraulic emergency power control complete (see figure 262 for next assembly)	Ref	A
	172-58629-3	RESERVOIR ASSY, Hydraulic emergency power control complete (see figure 262 for next assembly)	Ref	B
-1	AN837-8D	. ELBOW, (used with 172-58629 only)	1	A
-2	AN6289D8	. NUT	1	
-3	AN6291-8	. RING	1	
-4	AN6290-8	. GASKET	1	
-5	AN893-16D	. BUSHING	1	
-6	AN6290-12	. GASKET	1	
-7	AN833-6	. ELBOW	1	
-8	AN6289-6	. NUT	1	
-9	AN6291-6	. RING	1	
-10	AN6290-6	. GASKET	2	
-11	165-58300-3	. GAGE ASSY, Hydraulic power control air purge sight	1	
-12	165-58321-3	. . FITTING, Hydraulic power control air purge sight	1	
-13	2W1R16-16-62	. . WASHER, Plain (North American)	2	
-14	AN6227-3	. . PACKING	2	
-15	165-58325	. . GLASS, Hydraulic power control air purging sight	1	
-16	165-58322	. . TUBE ASSY, Hydraulic power control air purge sight	1	
-17	165-58061-7	. RESERVOIR ASSEMBLY, Hyd power control sys (refer to T. O. 9H1-2-7-4 for breakdown)(use 165-58061-3 until exh)	1	
-18	AN834-8D	. TEE, (use with 172-58629-3 only)	1	B
-19	AN929-8	. CAP, (use with 172-58629-3 only)	1	B
	USEABLE ON CODE:	A 51-2850 thru 51-2928, 51-13070 thru 51-13510 B 51-2929 thru 51-12976, 52-4305 and subs		

FUSELAGE HYDRAULICS (Cont)

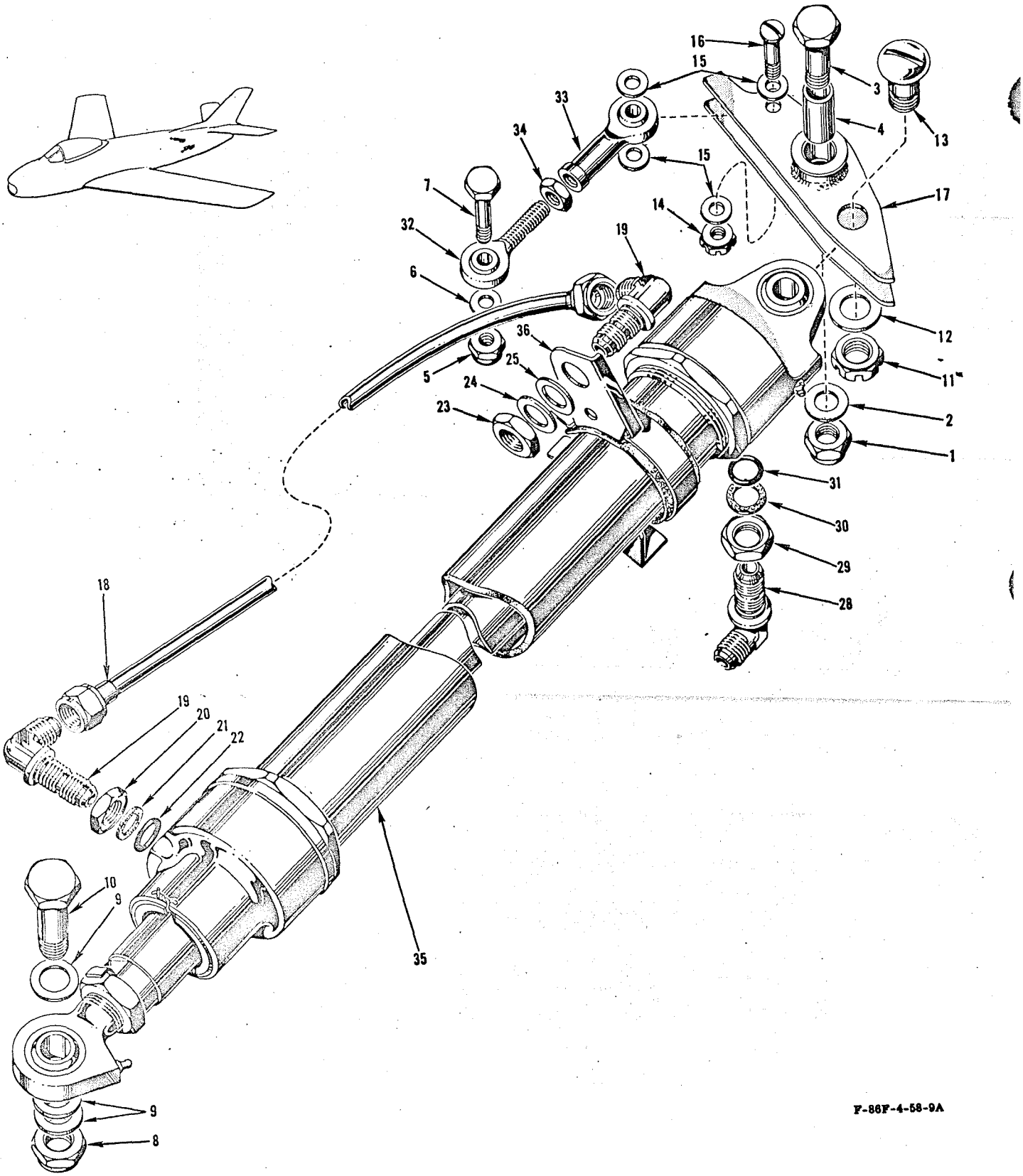


FIGURE 277 - HYDRAULIC DIVE BRAKE OPERATING COMPLETE CYLINDER ASSEMBLY

FUSELAGE HYDRAULICS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
277	151-58644-1	CYLINDER ASSY, Hydraulic dive brake operating complete LH (see figure 262 for next assembly)	Ref	A,*1
	151-58644-11	CYLINDER ASSY, Hydraulic dive brake operating complete LH (see figure 262 for next assembly)	Ref	B,*1
	151-58644-9	CYLINDER ASSY, Hydraulic dive brake operating complete RH (see figure 262 for next assembly)	Ref	A,*1
	151-58644-12	CYLINDER ASSY, Hydraulic dive brake operating complete RH (see figure 262 for next assembly)	Ref	B,*1
	ATTACHING PARTS			
-1	AN365-720	NUT	2	
-2	AN960D716	WASHER	2	
-3	AN7-27A	BOLT	2	
-4	NAS72-7-113	BUSHING, Clamp-up steel chrome plated	2	
-5	AN365-524	NUT	2	
-6	AN960D516L	WASHER	2	
-7	AN5-10A	BOLT	2	
-8	AN365-918	NUT	2	
-9	AN960D916	WASHER	6	*2
-10	AN9-15A	BOLT	2	
	---*---			
-11	AN320-9	. NUT	1	
-12	AN960-916L	. WASHER	1	
-13	151-58208	. BOLT, Hydraulic dive brake cylinder	1	
-14	AN320-5	. NUT	1	
-15	AN960-516L	. WASHER	4	
-16	AN25-18	. BOLT	1	
-17	140-39038-1	. BELLCRANK ASSY, Fuselage dive brake actuator LH	1	
	140-39038-2	. BELLCRANK ASSY, Fuselage dive brake actuator RH	1	
	4B16RF10-27	. . BEARING, Sintered oil impregnated (North American)	2	
-18	172-58823-39	. LINE ASSY, Dive brake closed from hose to cylinder head (used on 151-58644-11)	1	A,B,*1
	172-58823-45	. LINE ASSY, Dive brake closed from hose to cylinder head (used on 151-58644-12)	1	A,B,*1
-19	AN833-6	. ELBOW	2	
-20	AN6289-6	. NUT	1	
-21	AN6291-6	. RING	1	
-22	AN6290-6	. GASKET	1	
-23	AN924-6D	. NUT	1	
-24	AN960D916	. WASHER	1	
-25	AN960D916L	. WASHER	1	
-26	DELETED			
-27	DELETED			
-28	AN833-6	. ELBOW	1	
-29	AN6289-6	. NUT	1	
-30	AN6291-6	. RING	1	
-31	AN6290-6	. GASKET	1	
-32	HM5	. BEARING, (Heim)	1	
-33	HF5	. BEARING, (Heim)	1	
-34	AN316-5R	. NUT	1	
-35	191-58044-1	. CYLINDER ASSEMBLY, Hydraulic side dive brake LH (use 151-58044-1 until exh) (refer to T. O. 9H2-5-28-4 for breakdown)	1	
	191-58044-2	. CYLINDER ASSEMBLY, Hydraulic side dive brake RH (use 151-58044-2 until exh) (refer to T. O. 9H2-5-28-4 for breakdown)	1	
-36	172-58182-1	. CLAMP ASSY, Hydraulic dive brake cylinder line LH	1	A,B,*1
	172-58182-2	. CLAMP ASSY, Hydraulic dive brake cylinder line RH	1	A,B,*1
	AN4-5A	. BOLT	1	
	AN960D416	. WASHER	1	
	AN365-428	. NUT	1	

*1 Reworked in accordance with T. O. 1F-86-168.
*2 Install one AN960D916 washer on each side of actuator bearing, between the flanges of the attaching bracket on the speed brake.

USEABLE ON CODE: A 51-2850 thru 52-4854 and 52-5272 thru 52-5328
B 52-4855 thru 52-5271 and 52-5329 and subs

FUSELAGE ELECTRICAL

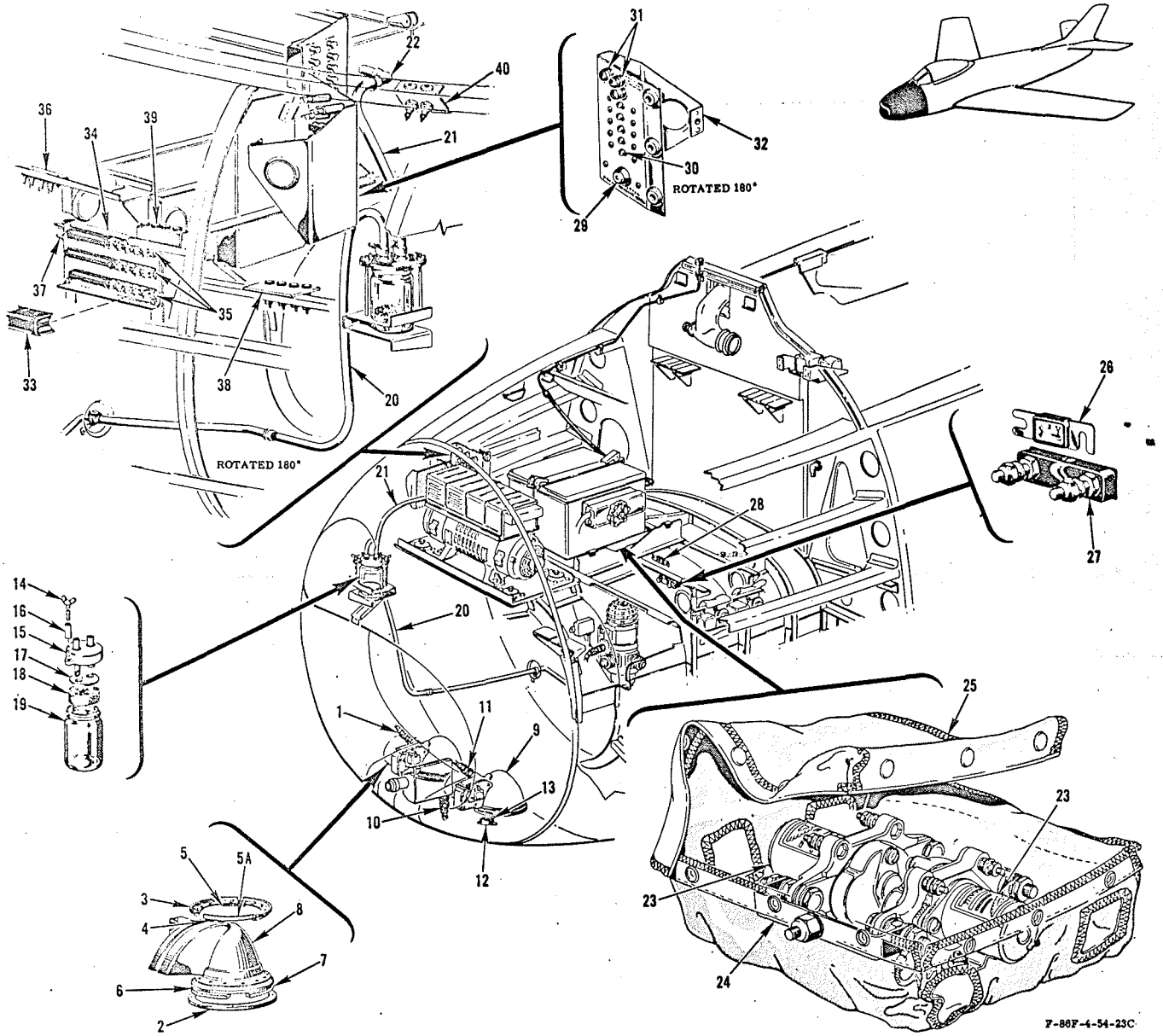


FIGURE 278 - FORWARD FUSELAGE STATION 0 TO STATION 53.5 ELECTRICAL EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
278		FORWARD FUSELAGE STATION 0 TO STATION 53.5 ELECTRICAL EQUIPMENT		
	170-54031	. . ELECTRICAL EQUIP. INSTL, Fus fwd (see fig. 108 for next assy) (see fig. 279 for additional breakdown)	NP	A
	176-54031	. ELECTRICAL EQUIP. INSTL, Fus fwd (see fig. 108 for next assy) (see fig. 279 for additional breakdown)	NP	B
	191-54031	. ELECTRICAL EQUIP. INSTL, Fwd fus (see fig. 108 for next assy) (see fig. 279 for additional breakdown)	NP	C
	227-54034	. ELEC EQUIP. INSTL, Fus sta 0 to 53 1/2 nose section (see fig. 108 for next assy) (see fig. 279 for adtl bkdn)	NP	L
	227-54033	. ELEC EQUIP. INSTL, Fus sta 53 1/2 to 125 LH (see fig.108 for next assy) (see fig. 279 for additional bkdn)	NP	L
	227-54032	. ELEC EQUIP. INSTL, Fus sta 53 1/2 to 125 RH (see fig. 108 for next assy) (see fig. 279 for adtl bkdn)	NP	L
	227-54031	. ELEC EQUIP. INSTL, Fus cockpit (see fig. 108 for next assy) (see fig. 279 for additional breakdown)	NP	1
	No Number	. . NOSE GEAR STEERING & GUNS ELEC EQUIP., (see fig. 292)	NP	
	No Number	. . FUSELAGE STA 53.5 to 62.58 ELEC EQUIP., (see fig. 306)	NP	
	No Number	. . FUS STA 62.58 to 131 ELEC EQUIP. LH SIDE, (see fig. 293)	NP	

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
278	No Number	PILOT'S COMPARTMENT ELEC EQUIP. LH SIDE STA 105 TO STA 104, (see fig. 294 for breakdown)	NP	
	No Number	PILOT'S COMPARTMENT ELEC EQUIP. LH SIDE STA 105 TO STA 131, (see fig. 295 for breakdown)	NP	
	No Number	FUS STA 62.58 TO 131 ELEC EQUIP. RH SIDE (see fig. 304 & 305)	NP	
-1	AN3106B18-5S	PLUG, (landing light)	1	
	AN3057-10A	ADAPTER	1	
-2	161-54119	FAIRING, Electric landing lights	1	
-3	161-54114	STIFFENER ASSY, Electrical landing lights	2	
-4	151-54433	. PAD, Electrical landing lights shock	2	
-5	161-54113-3	. PAD, Electrical landing light 130° shock	1	
-5A	161-54114-3	. RING, Electrical landing lights	1	
	161-54118-21	LIGHT ASSEMBLY, Electrical landing RH	1	D,F
	161-54118-31	LIGHT ASSEMBLY, Electrical landing RH	1	E,G
	172-54122	LIGHT ASSEMBLY, Elec landing and taxi G4710 (LH)	11	H
	172-54122-10	LIGHT ASSEMBLY, Elec landing and taxi G4710 (LH)	1	J
	161-54117-11	. STIFFENER, Elec landing light ring (used on 161-54118-21 & -31 only)	1	
-6	151-54433	. PAD, Electrical landing lights shock	2	
-7	161-54113-3	. PAD, Electrical landing light 130° shock	1	
-8	AN3095-7	. LIGHT ASSY, (elec retractable landing) (RH)	1	D,F
	D5530	. LIGHT ASSY, Landing and taxi (Grimes) (RH)	1	E,G
-9	G4710	. LIGHT ASSY, Landing and taxi (Grimes) (LH)	1	H
	G4710A	. LIGHT ASSY, Landing and taxi (Grimes) (LH)	1	J
	AN3129-4523	. . LIGHT	1	
-10	102-0	ELECTRICAL CONNECTOR, (GFAP camera) (Burton)	1	A,K,S,X
-11	AN3106B18-9S	PLUG, (landing and taxi light)	1	
	AN3057-10A	ADAPTER	1	
-12	4JX55	FILTER, Radio noise camera (Sprague) (use Sprague JX55C, JX55F and Solar EA125 untl exh)	1	A,K,S,X
-13	151-54361	CLIP, Electrical EA125 filter supporting	1	A,B,S
-14	5B23	BOLT, Battery vent outlet sump (North American) (use 120-54058 untl exh)	2	
-15	207-954201	COVER ASSY, Battery sump jar	1	
-16	NAS43DD3-32	SPACER	2	
-17	3S9	SEAL, Battery vent outlet sump (North American)	1	
-18	11S1	SPONGE, Battery vent trap (North American)	1	
-19	3509	BOTTLE, Battery (glass containers) (intrch with OP262, Olympic Plastics or equal size pint fruit jar obtained thru local purchase)	1	
-20	6T1-56	TUBE, Battery sump to overflow (North American)	1	
-21	6T1-20	TUBE, Battery to sump jar (North American)	1	
-22	9555	ELBOW, (Henry, Paul)	1	
-23	AN3370-1	RELAY, (200 amp spst) (battery & windshield anti-icing power)	2	A,K
-24	151-54095-10	BAR, Elec engine section relay panel power relay bus	1	A,K
-25	172-54069	COVER ASSY, Elec windshield anti-ice & battery relay	1	A,K
-26	FLLB	LIMITER, Current (windshield heater) (Burndy)	1	A,K,Y
-27	FSH	MOUNTING, Current (windshield heater) (Burndy)	1	A,K,Y
-28	FLLB	LIMITER, Current (spare limiter) (Burndy)	1	M
-29	C6766-3-105	CIRCUIT BREAKER, (inverter 1 phase) (Spencer Thermostat) (use PDLM105 untl exh)	1	N
-30	AN3161P15	CIRCUIT BREAKER, (gun fire) (intrch with MS24506-15)	1	N
-31	HKP	HOLDER, Fuse (Bussman)	3	N
	AGC1	FUSE, 1 amp (fuel flowmeter, cockpit temp & windshield anti-ice control) (Bussman)	3	N
-32	172-54070-10	BRACKET ASSY, Elec forward fuselage circuit breaker	1	N
	172-54078	BRACKET ASSY, Elec forward fuselage circuit breaker complete (see fig. 284 for breakdown)	1	P
	172-54166	BRACKET ASSY, Elec forward fuselage circuit breaker complete (see fig. 284 for breakdown)	1	F,G
-33	397-11	COVER, (Henry Engineering)	3	
-34	170-54069-20	PANEL ASSEMBLY, Electric terminal strip	1	
-35	3T3-6-11	. TERMINAL BLOCK ASSEMBLY, (intrch wth AN3436-6-11)	3	
	AN3433-2-2	TERMINAL BLOCK	1	W
-36	3T3-6-3	TERMINAL BLOCK ASSY, (intrch wth AN3436-6-3) (prmry bus RH)	1	
-37	3T3-6-1	TERMINAL BLOCK ASSY, (intrch wth AN3436-6-1) (battery)	1	A,K
-38	172-54108	PANEL ASSY, Electric nose spare fuse	1	R
-39	191-54108	PANEL ASSY, Electric nose spare fuse	1	T
	AGC1	. FUSE, (spare fuse) (Bussman)	4	R,T
	HKP	. FOLDER, Fuse (Bussman)	4	R,T
	191-54409	BRACKET ASSEMBLY, Electrical radio test fuse	1	A,K,Z
-40	HKP	HOLDER, Fuse (Bussman)	2	A,K,Z
	MTH5	FUSE, 5 amp (radio test receptacle) (Bussman)	2	A,K,Z

USEABLE ON CODE:

A 51-2850 thru 51-12976
B 51-13070 thru 51-31510, 52-5272 thru 52-5530
C 52-4305 thru 52-5271, 53-1072 thru 53-1228
D 51-2850 thru 51-12969
E 51-12970 thru 51-12976
F 51-13070 thru 51-13129
G 51-13130 and subs
H 51-2850 thru 51-2877
J 51-2878 and subs
K 51-13070 thru 51-13510
L 55-3816 and subs
M 51-13170 and subs
N 51-2850 thru 51-2927
P 51-2928 thru 51-2943
R 51-12936 thru 52-5013, 52-5272 thru 52-5446
S 52-4305 thru 52-4745
T 52-4705 thru 52-5271.
W 52-5164 and subs
X 52-5272 thru 52-5380
Y 52-4305 thru 52-5063, 52-5272 thru 52-5328
Z 52-4305 thru 52-5180, 52-5272 thru 52-5489
52-5447 and subs

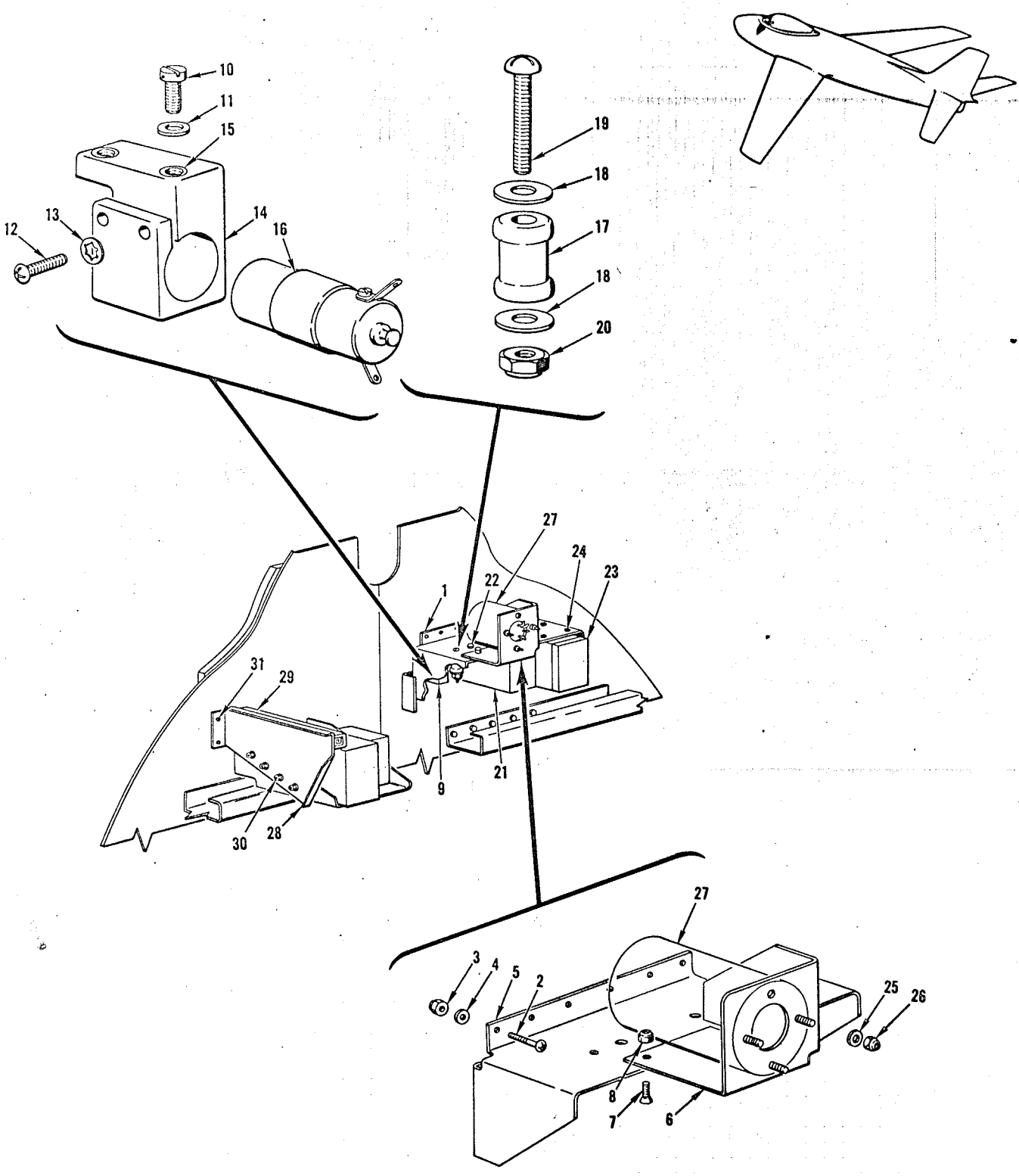


FIGURE 278A - GAR-8 SIDEWINDER MISSILE ELECTRICAL EQUIPMENT INSTALLATION (MODIFICATION)

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
278A	202-540001	*1	ELECTRICAL EQUIP. INSTL, GAR-8 sidewinder missile (Mod) (see fig. 108 for next assy)	NP	A
	202-540007	.	BRACKET INSTL, Relay GAR-8 sidewinder missile upper fus sta 53.5	NP	A
-1	202-540012	. .	BRACKET ASSY, Relay and switch GAR-8 sidewinder missile upper fus sta 53.5	1	A
	ATTACHING PARTS				
-2	AN515-8R22	. .	SCREW	12	A
-3	AN365-832	. .	NUT	12	A
-4	2W18-8	. .	WASHER, (North American)	12	A
	---*---				
-5	202-540012-3	. . .	BRACKET, Relay and switch GAR-8 sidewinder missile	1	A
-6	202-540012-5	. . .	BRACKET, Relay and switch GAR-8 sidewinder missile	1	A
-7	AN507-832R7	. . .	SCREW	4	A
-8	NAS679A08	. . .	NUT	4	A
-9	202-540019	. .	SWITCH ASSY, Inertia GAR-8 sidewinder missile fus sta 53.5	1	A
	ATTACHING PARTS				
-10	AN500A4-4	. .	SCREW	2	A
-11	2W1AL8-10-32	. .	WASHER, (North American)	2	A
	---*---				
-12	AN515-6R10	. . .	SCREW	2	A
-13	AN936A6	. . .	WASHER	2	A
-14	202-540018	. . .	CLAMP, Mounting inertia switch, GAR-8 sidewinder missile fus sta 53.5, assy of	1	A
-15	1185-04CN x .168	. . .	INSERT, (Heli-Coil)	2	A
-16	191724	. . .	SWITCH, Inertia (Magnavox)	1	A
-17	RW30G500	. .	RESISTOR, (Spec MIL-R26)	1	A
-18	2W1AL11-18-62	. .	WASHER, (North American)	2	A
-19	AN515-8R24	. .	SCREW	1	A
-20	AN365-832	. .	NUT	1	A
-21	AN3311-2	. .	RELAY, (missile fire control)	1	A
-22	AN507-832R6	. .	SCREW	2	A
	AN365-832	. .	NUT	2	A
-23	MS25024-2	. .	RELAY, (missile jettison)	1	A
-24	AN515-8R6	. .	SCREW	3	A
	AN365-832	. .	NUT	3	A
-25	2W18-8	. .	WASHER, (North American)	3	A
-26	AN365-832	. .	NUT	3	A
	202-540002-31	. .	WIRING HARNESS, Elec GAR-8 sidewinder	1	A
-27	S6455	. . .	RELAY, Time delay (Haydon) (missile salvo and jettison)	1	A
-28	202-540011	. .	BRACKET, Terminal block, GAR-8 sidewinder missile upper fus sta 53.5	1	A
-29	AN3436-1-9	. .	TERMINAL BLOCK ASSY, (LH)	1	A
	397-9	. .	COVER, (Henry Engineering)	1	A
-30	AN515-8R6	. .	SCREW	4	A
	AN365-832	. .	NUT	4	A
-31	AN515-8R22	. .	SCREW	2	A
	2W18-8	. .	WASHER, (North American)	2	A
	AN365-832	. .	NUT	2	A

*1 Used on airplanes coded A modified per T. O. 1F-86F-533.

USEABLE ON CODE: A 51-13170 thru 51-13510,
52-5272 thru 52-5521,
52-5523 thru 52-5530,
52-4305 thru 52-5015,
52-5017 thru 52-5163

FUSELAGE ELECTRICAL (Cont)

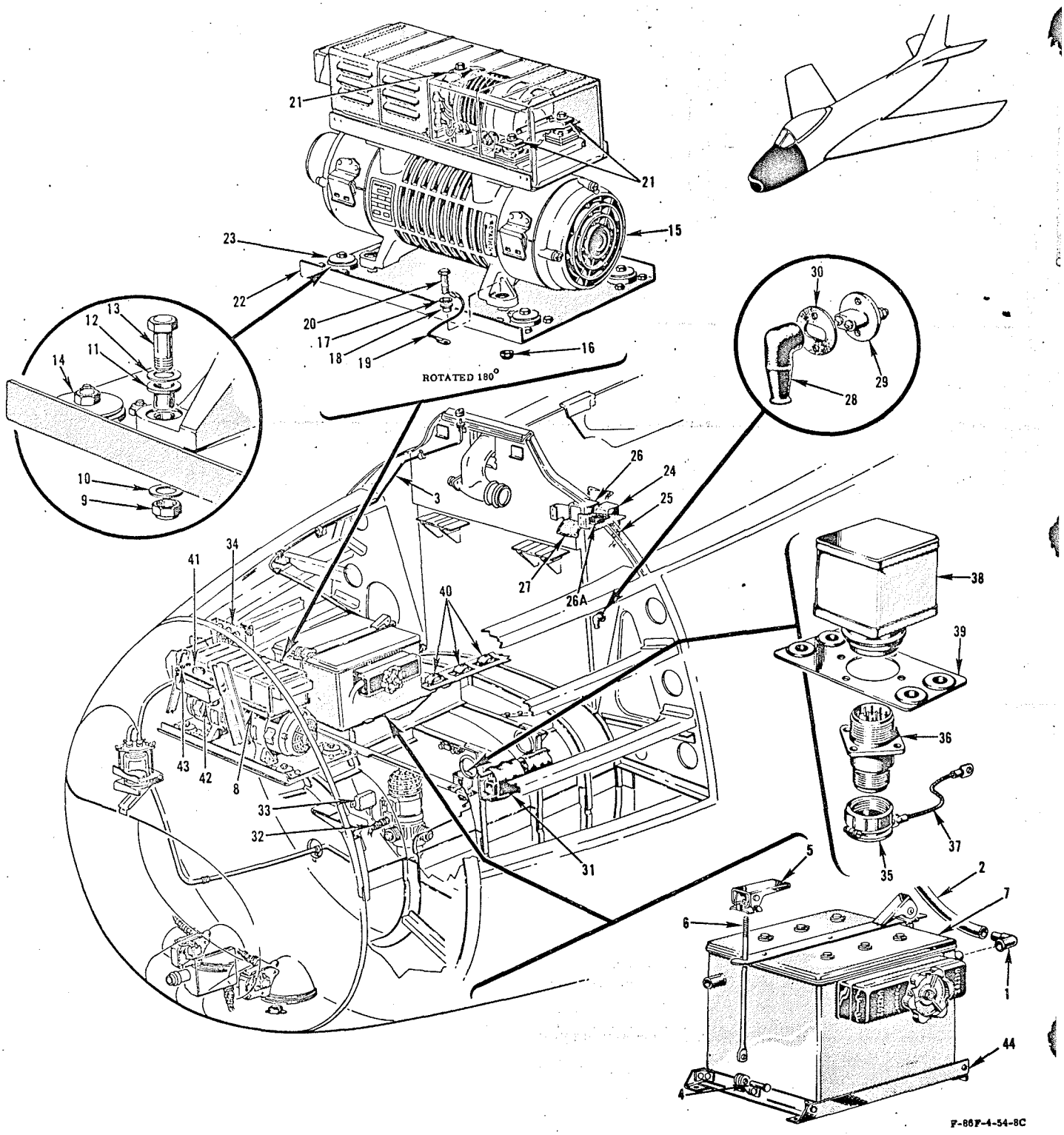


FIGURE 279 - FORWARD FUSELAGE STATION 0 TO 53.5 ELECTRICAL EQUIPMENT (CONT)

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
279			FORWARD FUSELAGE STA 0 TO STA 53.5 ELECTRICAL EQUIPMENT (CONT)		
	170-54031		. ELECTRICAL EQUIP. INSTL, Fus fwd (see fig. 108 for next assy) (see figure 278 for additional breakdown)	NP	A
	176-54031		. ELECTRICAL EQUIP. INSTL, Fus fwd (see fig. 108 for next assy) (see fig. 278 for additional breakdown)	NP	B
	191-54031		. ELECTRICAL EQUIP. INSTL, Fwd fuselage (see fig. 108 for next assy) (see fig. 278 for additional breakdown)	NP	C,CC
-1	9555		. . ELBOW, (Henry, Paul)	11	
-2	151-54368-3		. . TUBE, Electrical battery vent intake flexible	1	
-3	151-54370-30		. . TUBE ASSY, Electrical battery vent intake ridged	1	K
	151-54370-50		. . TUBE ASSY, Electrical battery vent intake ridged	1	L
-4	AN392-11		. . PIN	2	
-5	5022-3		. . CLAMP ASSY, Battery holddown (Henry, Paul)	2	
-6	140-54083		. . ROD, Electrical battery holddown	2	
-7	AN3150-2		. . BATTERY, (24 volt 34 amp-hour) (Spec MIL-B6148) (GFAE) (AERNO 42-375)	1	
-8	AN3515-1		. . INVERTER, (Spec AN-I10B) (GFAE) (AERNO 42-2360) (Leland Electric SD135-3 modified in accordance with T. O. 1F-86-166)	1	D,*1
	ATTACHING PARTS				
-9	AN365-428		. . NUT	4	D
-10	AN960-416		. . WASHER	4	D
-11	NAS77-4-30		. . BUSHING, Flanged press-fit steel	4	D
-12	AN960-616		. . WASHER	4	D
-13	AN4-7A		. . BOLT	4	D
	---*---				
	151-54102-10		. . MOUNT ASSY, Main electrical inverter shock	1	D
-14	AN8008D10		. . . INSULATOR	4	D
	176-54040		. . INVERTER ASSEMBLY, Electrical main instrument (rework)	1	DD
	202-54040	*2	. . INVERTER ASSY, Elec main instrument (rework)	1	CC
-15	No Number	*4	. . . INVERTER ASSY, Class A 1500 volt ampeer, 1 phase class 03C (Jack & Heintz F35) (Spec AN-I10B) (GFAE) (AERNO 42-2361) (modified per dwg No. 176-54040)	1	DD
	No Number	*4	. . . INVERTER ASSY, Motor-gen 115V 400 cycle 1PH 1500 VA, 28V DC class 03C (Jack & Heintz F137) (Spec AN-I10B) (GFAE) (AERNO 42-2362) (mod per dwg 202-54040) (rework in accordance with T. O. 1F-86-505)	1	CC
	MGE31-1	*5	. . . INVERTER ASSY, (Motor generator) (Leland Electric)	1	
	ATTACHING PARTS				
-16	AN365-428		. . . NUT	1	DD,CC
-17	AN960D416		. . . WASHER, (used on RH aft leg only)	1	DD,CC
-18	4B20S4-010		. . . BUSHING, Press fit flanged (North American)	4	DD,CC
-19	10B1-4-4-6		. . . JUMPER, Bonding (used on RH aft leg only) (North American)	1	DD,CC
-20	AN4-7A		. . . BOLT	3	DD,CC
	AN4-10A		. . . BOLT, (used on RH aft leg only)	1	DD,CC
	2W1-18-18-32		. . . WASHER, Plain (North American) (used on RH aft leg only)	1	DD,CC
	---*---				
-21	157-54105		. . . CLIP, Voltage regulator shock mount deactivated	6	DD
	202-54041		. . . CLIP, Elec shock mount deactivating	3	CC
-22	151-54102-10		. . . MOUNT ASSY, Main electrical inverter shock	1	DD,CC
-23	AN8008D10		. . . . INSULATOR	4	DD,CC
-24	AN3310-1		. . RELAY, 10 amp 4 pdt connector mounting sealed (throttle)	1	
-25	AN3102A22-19S		. . RECEPTACLE, (throttle relay)	1	
-26	2069-25D		. . RELAY ASSY, (eng starter ignition control) (Leach)	1	D
	9048-26F		. . RELAY, 10 amp 3 pdt hermetically sealed (engine starter ignition control) (Leach)	1	E
-26A	JX55F		. . RELAY, 10 amp 3 pdt hermetically sealed (gun camera radio noise filter) (Sprague)	1	A,F,BB
-27	151-54428-21		. . COVER ASSY, Elec inflatable canopy seal relay (install cover with snaps on upper aft edge of relay)	1	D
-28	AN781-2		. . NIPPLE	2	A,B,EE
-29	140-54008		. . PANEL ASSEMBLY, Electrical connector pressure	1	A,B,EE
-30	151-54010		. . GASKET, Electrical connector pressure panel	1	A,B,EE
-31	172-54035		. . PANEL ASSY, Elec gun charger relay (see figure 280)	1	A,F
	191-54035		. . PANEL ASSY, Elec fus sta 31 to sta 46 relay (see figure 281 and 301 for breakdown & added usage)	1	H
-32	AN3106B16S11S	*3	. . PLUG, (gun charger air compressor)	1	X,Z
	AN3057-8A	*3	. . ADAPTER	1	X,Z
-33	CP53B2EB405K	*3	. . FILTER, (gun charger air compressor) (Spec JAN-C25)	1	X,Z
-34	170-54055-30		. . PANEL ASSY, Elec fus sta 26 relay complete (see fig. 282)	1	J
	172-54129		. . PANEL ASSY, Elec fus sta 26 relay complete (see fig. 283)	Ref	
	191-54127		. . COVER, Elec fuselage station 26 relay panel	1	AA
	191-54042	*3	. . SUPPORT ASSY, Elec gun charger time delay relay	1	Y,X
-35	AN3057-12A	*3	. . . ADAPTER	1	Y,Z
-36	AN3100A22-19SW	*3	. . . RECEPTACLE, (gun charger time delay relay)	1	Y,Z
-37	1J1-1-3-5	*3	. . . JUMPER, Wire (North American)	1	Y,Z
-38	650-3029	*3	. . . RELAY, Time delay (Cook)	1	Y,Z
-39	191-54042-3	*3	. . . SUPPORT, Electrical gun charger time delay relay	1	Y,Z
-40	165-54112		. . HOLDER ASSY, Electrical spare lens	3	

(Nomenclature continued on next page)

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
279-41	202-54022	*5	.	.					PANEL ASSY, Elec radar inverter circuit breaker	1	
	ATTACHING PARTS										
	AN507-10R7	*5	.	.					SCREW	1	
		---*---									
-42	C7855-6-200	*5	.	.	.				CIRCUIT BREAKER, (Spencer Thermostat)	1	
-43	AN3-3A	*5	.	.	.				BOLT	4	
-44	170-54443								SUPPORT ASSY, AN3150 battery (see figure 131)	Ref	

*1 For replacement of AN3515-1 inverter use Jack & Heintz F35 inverter (reworked per 176-54040)
*2 Intrch wth 202-54040-11 consisting of Leland SE15-1 inverter.
*3 Parts marked thus not used on aircraft modified per T.O. 1F-86-221.
*4 Removed from airplanes modified per T.O. 1F-86F-532.
*5 Used on airplanes modified per T.O. 1F-86F-532.

USEABLE ON CODE:

A 51-2850 thru 51-12976
B 51-13070 thru 51-13510, 52-5272 thru 52-5530
C 52-4305 thru 52-5271,
D 51-2850 thru 51-2877
E 51-2878 and subs
F 51-13070 thru 51-13510
G 52-4305 and subs
H 52-4305 thru 52-4404
J 51-2850 thru 51-2927, 51-13070 thru 51-13079
K 51-13070 thru 55-3975
L 55-3976 and subs
X 51-2850 thru 52-4963
Y 52-4405 thru 52-4963
Z 52-5272 thru 52-5277 52-5279 thru 52-5290, 52-5292, 52-5294 thru 52-5295,
Z 52-5297 thru 52-5298, 52-5300 - 52-5302, 52-5304 52-5304, 52-5270
AA 52-5014 thru 52-5271, 52-5447 and subs
BB 52-5272 thru 52-5330
CC 53-1072 and subs
DD 51-2878 thru 52-5530
EE 52-4305 thru 52-5163

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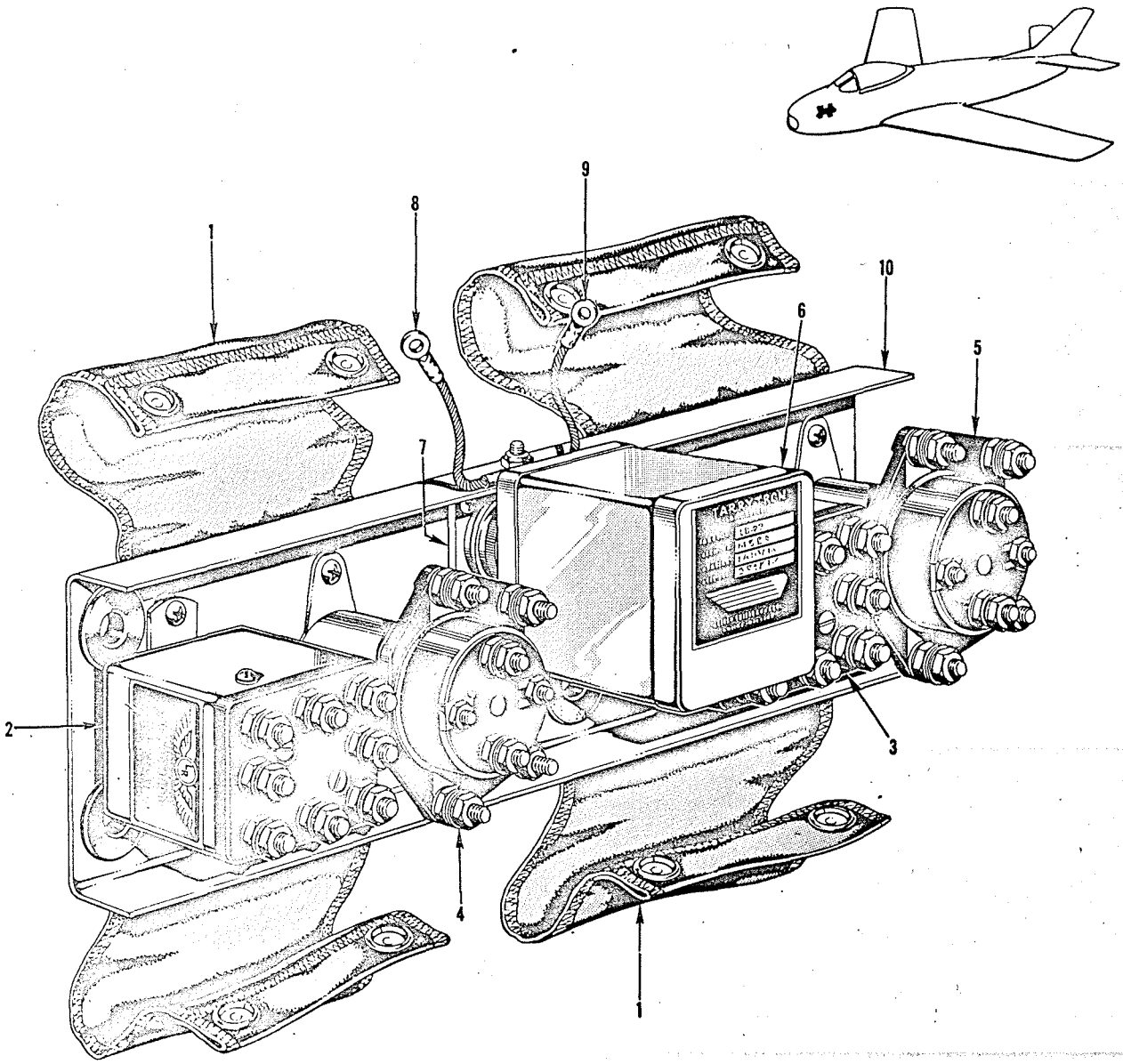
FUSELAGE ELECTRICAL (Cont)



176-54-131

FIGURE 280 - ELECTRICAL GUN CHARGER RELAY PANEL ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
280	172-54035		PANEL ASSY, Elec gun charger relay (see fig. 279 for next assy).	Ref	A
-1	172-54038		. COVER ASSY, Electrical gun charger relay panel	2	A
-2	237EAU		. RELAY ASSY, (Leach) (landing gear and taxi light control) . .	1	A
-3	237EAU		. RELAY ASSY, (Leach) (landing gear and taxi light control) . .	1	A
-4	AN3353-1	*1	. RELAY, 50 amp spdt (gun charger retract)	1	A
-5	AN3353-1	*1	. RELAY, 50 amp spdt (gun charger return)	1	A
-6	650-3029	*1	. TIME DELAY ASSY, Tarrytron 5 Sec. 20%, 28V DC . . . . . (Cook) (gun charger time delay relay)	1	A
-7	AN3100A22-19SW	*1	. RECEPTACLE, (gun charger time delay relay)	1	A
	AN3057-12A	*1	. ADAPTER	1	A
-8	1J1-2-2-6		. JUMPER, Wire (North American)	1	A
-9	AN749-3-3		. JUMPER	1	A
-10	172-54034		. PANEL, Elec gun charger relay	1	A

*1 Parts marked thus not used on airplanes modified per T. O. 1F-86-221.

USEABLE ON CODE: A 51-2850 thru 51-13510.

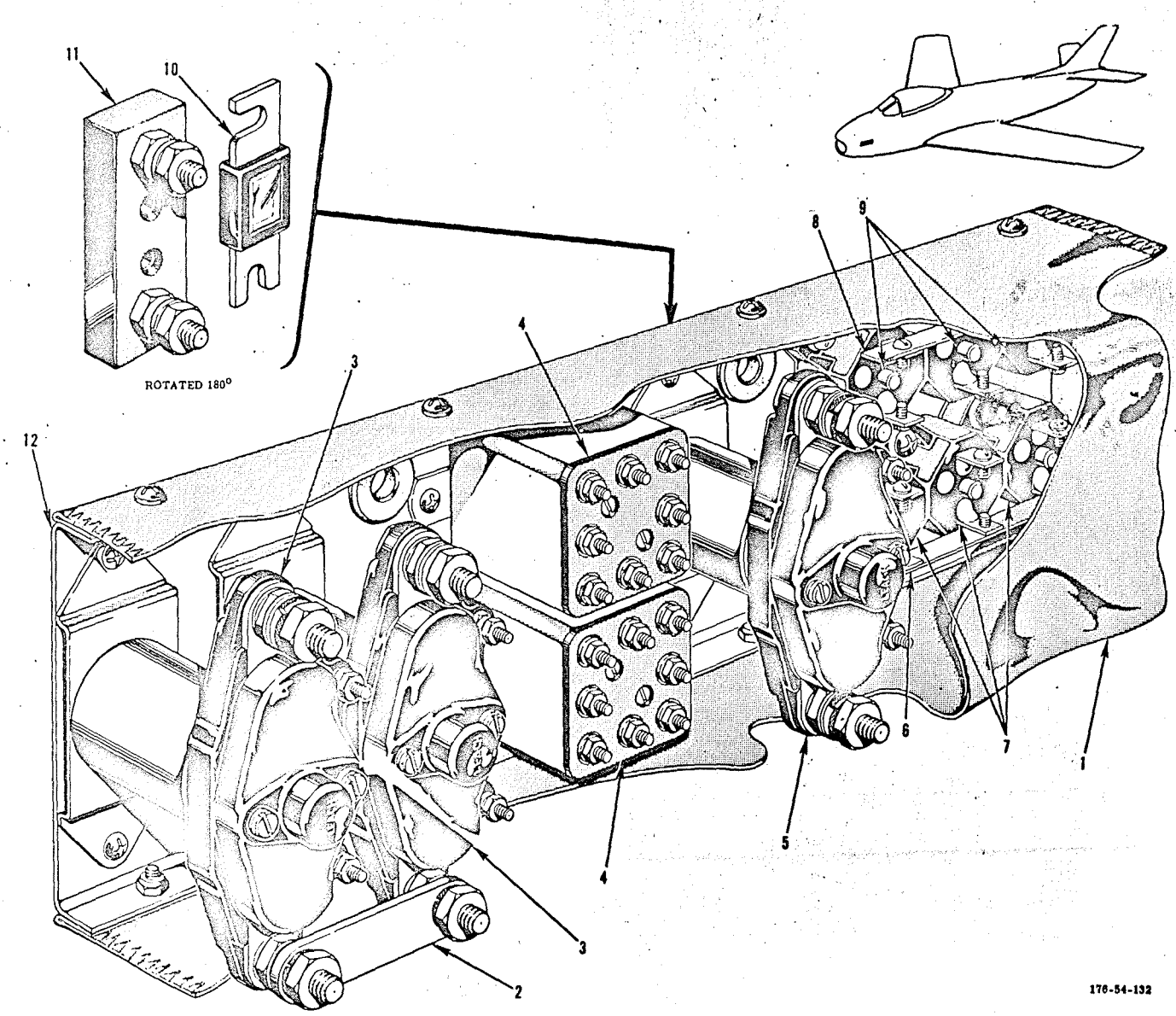


FIGURE 281 - ELECTRICAL FUSELAGE STATION 31 TO STATION 46 RELAY PANEL ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
281	191-54035		PANEL ASSY, Elec fus sta 31 to sta 46 relay (see figure 279) . .	Ref	A
-1	191-54037	.	COVER ASSY, Elec fus sta 31 to sta 46 relay panel	1	A
-2	191-54036	.	BAR, Elec battery and windshield heater relays bus	1	A
-3	AN3370-2	.	RELAY, 200 amp spst (windshield anti-ice and battery bus tie-in)	2	A
-4	237EAU	.	RELAY ASSY, (landing taxi light & landing light control)(Leach)	2	A
-5	AN3370-2	.	RELAY, 200 amp spst (ammo boost motor).	1	A
-6	2B1B9-3	.	BAR, Bus (North American)	1	A
-7	PDA35	.	CIRCUIT BREAKER, Automatic reset 15 to 40 amps . . . . . (ammo boost motor relay) (Spencer Thermostat)	3	A
-8	2B1B9-3	.	BAR, Bus (North American)	1	A
-9	PDA35	.	CIRCUIT BREAKER, Automatic reset 15 to 40 amps (ammo boost motor relay) (Spencer Thermostat)	3	A
-10	FLLB	.	LIMITER, Current (Burndy)	1	A
-11	FSH	.	LIMITER, Mounting (Burndy)	1	A
-12	191-54034	.	PANEL, Electrical fuselage sta 31 to sta 46 relay	1	A
	USEABLE ON CODE:	A	52-4305 thru 52-4404		

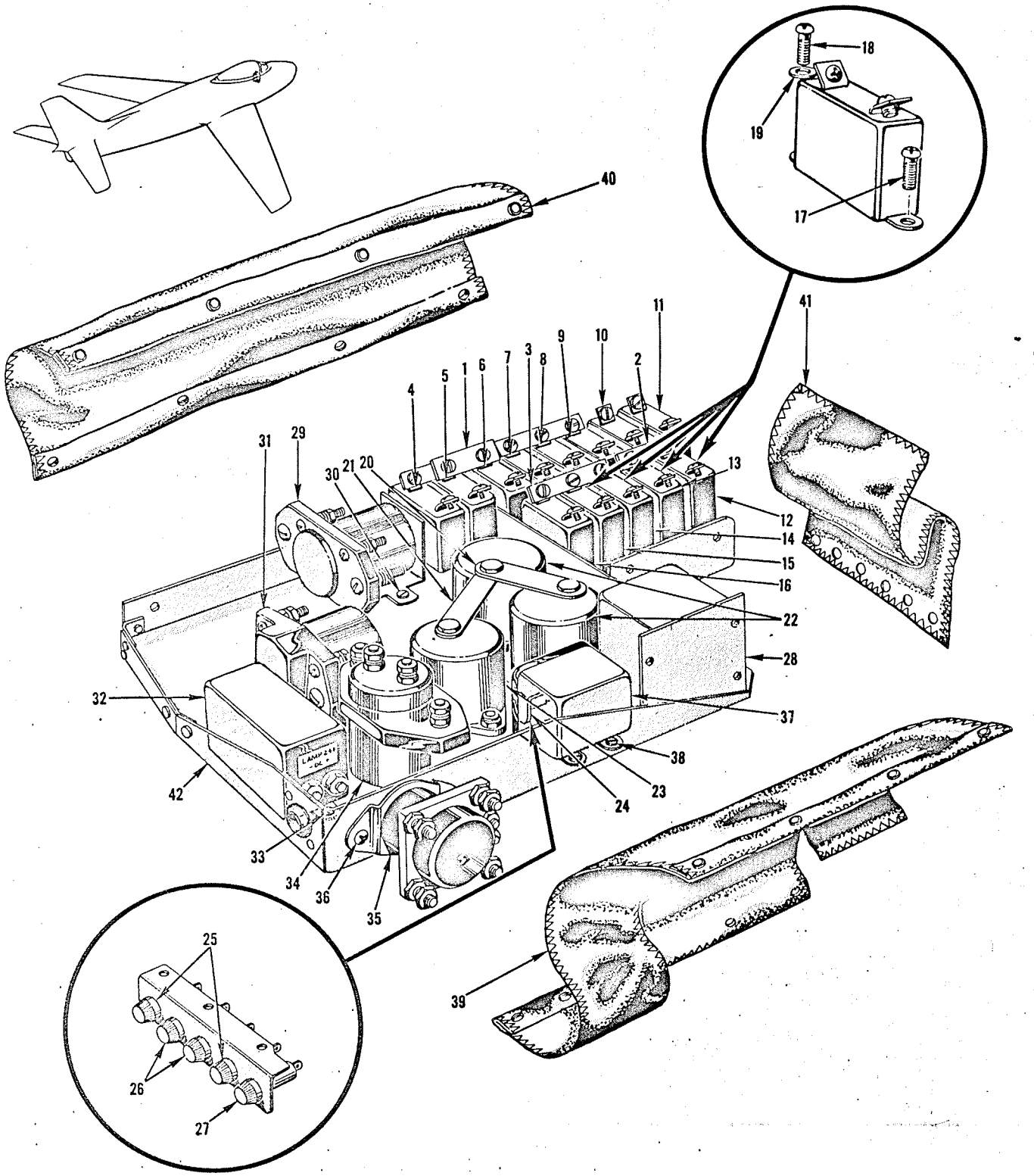


FIGURE 282 - FUSELAGE STATION 26 COMPLETE ELECTRICAL RELAY PANEL ASSEMBLY

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
282	170-54055-30		PANEL ASSY, Electrical fuselage station 26 relay complete (see figure 279 for next assembly)	Ref	A
	170-54055-40		PANEL ASSY, Electrical fuselage station 26 relay complete (see figure 279 for next assembly)	Ref	B
-1	2B1-2-2		. BAR BUS, (fuel transfer pump to nose wheel steering)	1	A,B
-2	2B1-10-2		. BAR BUS, (manual gun charger to auto gun charging)	1	A,B
-3	2B1-10-3		. BAR BUS, (cockpit temperature to radar power)	1	A,B
-4	AN3161P5	*2	. CIRCUIT BREAKER, (landing gear emergency retracting)	1	A,B
-5	AN3161P10	*2	. CIRCUIT BREAKER, (navigation and external light and position light flasher) (nose wheel steering)	1	A,B
-6	AN3161P15	*2	. CIRCUIT BREAKER, (fuel transfer pump)	1	A,B
-7	AN3161P5	*2	. CIRCUIT BREAKER, (panel vibrator and G.S.A.P. camera)	1	A,B
-8	AN3161P5	*2	. CIRCUIT BREAKER, (ammunition gun heater control)	1	A,B
-9	AN3161P5	*2	. CIRCUIT BREAKER, (one phase inverter failure)	1	A,B
-10	AN3161P25	*1*2.	CIRCUIT BREAKER, (gun charger compressor)	1	A,B
-11	AN3161P5	*2.	CIRCUIT BREAKER, (ammunition boost control)	1	A,B
-12	AN3161P25	*1*2.	CIRCUIT BREAKER, (manual gun charger)	1	A,B
-13	AN3161P25	*1*2.	CIRCUIT BREAKER, (auto gun charging)	1	A,B
-14	AN3161P5	*2	. CIRCUIT BREAKER, (cockpit temperature and windshield anti-ice)	1	A,B
-15	AN3161P15	*2	. CIRCUIT BREAKER, (gun heater LH)	1	A,B
-16	AN3161P5	*2	. CIRCUIT BREAKER, (radar power)	1	A,B
	ATTACHING PARTS				
-17	AN515-6R6		. SCREW	22	A,B
-18	AN515-6R6		. SCREW	4	A,B
-19	AN960D6		. WASHER, (used on manual gun charger, cockpit temp, gun heater, and radar power circuit breakers only)	4	A,B
	---*---				
-20	NAS44-416P2		. BUS BAR, Electrical	1	A,B
-21	NAS44-416P3		. BUS BAR, Electrical	1	A
-22	MS2561-70		. CIRCUIT BREAKER, (hyd pump emer) (Spencer Thermostat)	2	A,B
-23	MS2561-70		. CIRCUIT BREAKER, (emergency hydraulic pump manual override) (Spencer Thermostat)	1	A
-24	170-74048		. PANEL ASSY, AN/APG30 radar volt reg and range servo fuse	1	A,B
-25	HKP		. . HOLDER, Fuse (Bussman)	2	A,B
	AGC2		. . FUSE, 2 amp (Bussman)	2	A,B
-26	HKP		. . HOLDER, Fuse (Bussman)	2	A,B
	AGC5		. . FUSE, 5 amp (Bussman)	2	A,B
-27	HKP		. . HOLDER, Fuse (Bussman)	1	A,B
	3AG		. . FUSE, 2 amp (this part has been removed from Servomechanisms power supply unit part No. G101723) (Bussman)	1	A,B
-28	AN3316-1		. RELAY, (emergency hydraulic tie-in control) (rework)	1	A
	ATTACHING PARTS				
	AN515-8R8		. SCREW	2	A
	---*---				
-29	G39989A		. RELAY, (gunsight power) (Guardian)	1	A
	ATTACHING PARTS				
-30	AN515-6R4		. SCREW	4	A
	AN936A6		. WASHER	4	A
	---*---				
	AN3312-1		. RELAY, (gun sight power)	1	B
	ATTACHING PARTS				
	AN515-8R8		. SCREW	4	B
	---*---				
-31	AN3350-1		. RELAY, 50 amp spst (gun firing)	1	A,B
	ATTACHING PARTS				
	AN515-8R8		. SCREW	2	A,B
	---*---				
-32	No Number		. RELAY, Type D1 (inverter failure) (Spec 32471) (use 44B18574 until exh)	1	A,B
	ATTACHING PARTS				
-33	AN509-8R9		. SCREW	2	A,B
	---*---				
-34	AN3353-1		. RELAY, 50 amp spst (canopy alternate power selector)	1	A,B
-35	AN3352-1		. RELAY, 55 amp 2 pst (gun heater LH)	1	A,B
	ATTACHING PARTS				
-36	AN515-8R8		. SCREW	2	A,B
	---*---				
-37	36548		. RELAY, Type B9A (Spec 32439A) (windshield de-ice) (Guardian)	1	A,B
	ATTACHING PARTS				
-38	AN515-6R4		. SCREW	4	A,B
	AN936A6		. WASHER	4	A,B
	---*---				
-39	170-54058-3		. COVER ASSEMBLY, Electrical fuselage sta 26 relay panel	1	A,B
-40	170-54058-5		. COVER ASSEMBLY, Electrical fuselage sta 26 relay panel	1	A,B
-41	170-54062-10		. COVER, Electrical fuselage station 26 relay panel	1	A,B
-42	170-54056-30		. PANEL ASSEMBLY, Electrical fuselage station 26 relay	1	A
	170-54056-40		. PANEL ASSEMBLY, Electrical fuselage station 26 relay	1	B

*1 Parts marked thus not used on aircraft modified in accordance with T.O. 1F-86-221.
*2 AN3161P( ) circuit breakers are intrch with MS24506( ) of the same dash number.

USEABLE ON CODE: A 51-2850 thru 51-2927
B 51-13070 thru 51-13079

FUSELAGE ELECTRICAL (Cont)

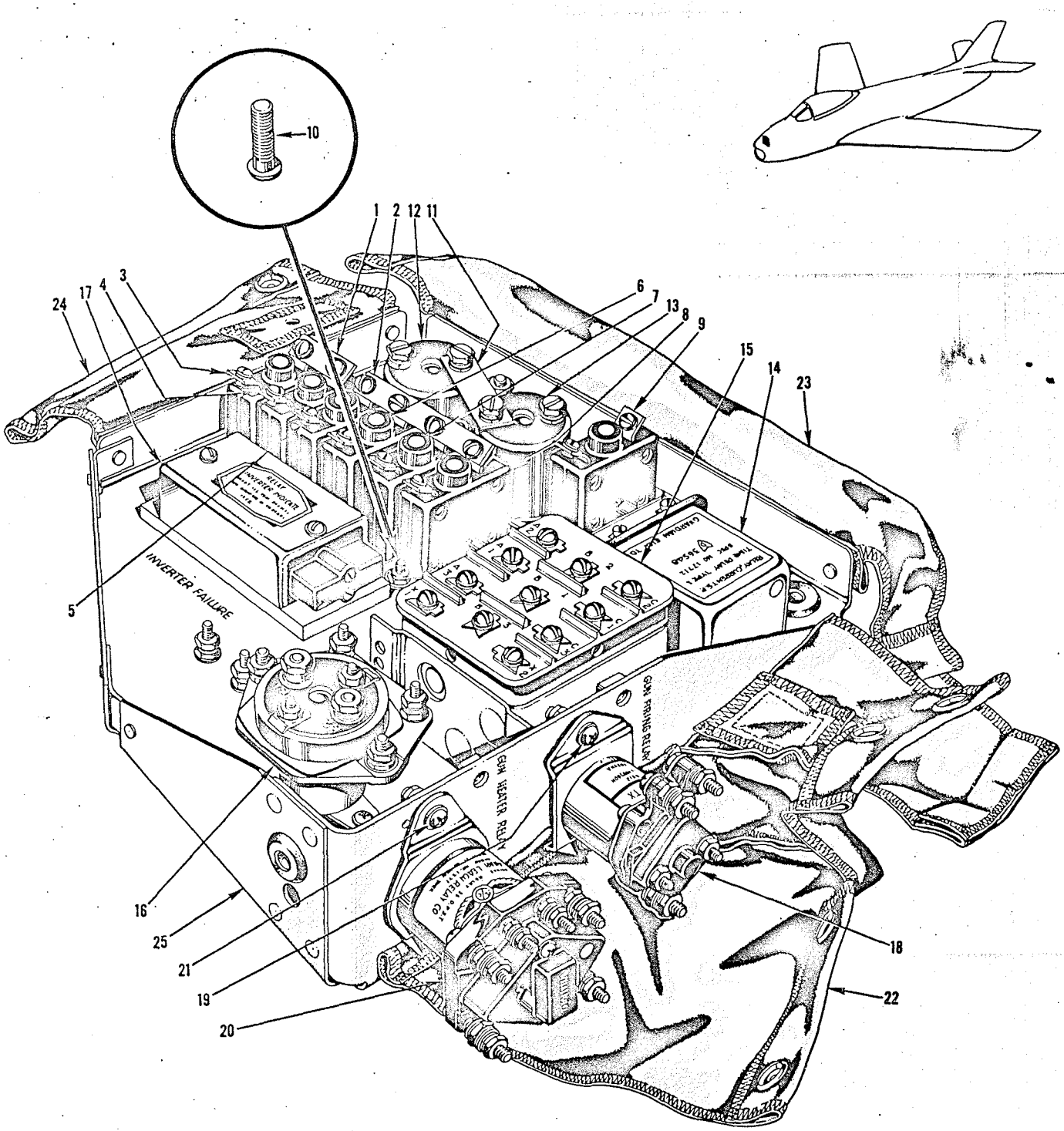


FIGURE 283 - FUSELAGE STATION 26 ELECTRICAL RELAY PANEL ASSEMBLY

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
283	172-54129		PANEL ASSY, Elec fus sta 26 relay (see fig. 279 for next assy) .	1	A,R
	172-54129-10		PANEL ASSY, Elec fus sta 26 relay (see fig. 279 for next assy) .	1	B
	172-54129-20		PANEL ASSY, Elec fus sta 26 relay (see fig. 279 for next assy) .	1	C
	172-54129-30		PANEL ASSY, Elec fus sta 26 relay (see fig. 279 for next assy) .	1	D
	172-54129-40		PANEL ASSY, Elec fus sta 26 relay (see fig. 279 for next assy) .	1	E
	172-54129-50		PANEL ASSY, Elec fus sta 26 relay (see fig. 279 for next assy) .	1	F
	172-54129-60		PANEL ASSY, Elec fus sta 26 relay (see fig. 279 for next assy) .	1	G
	172-54129-70		PANEL ASSY, Elec fus sta 26 relay (see fig. 279 for next assy) .	1	H
	172-54129-80		PANEL ASSY, Elec fus sta 26 relay (see fig. 279 for next assy) .	1	J
	172-54129-90		PANEL ASSY, Elec fus sta 26 relay (see fig. 279 for next assy) .	1	L
	172-54129-101		PANEL ASSY, Elec fus sta 26 relay (see fig. 279 for next assy) .	1	M
-1	2B1-10-2		. BAR, Bus (panel vibrator and G.S.A.P. camera to gun charger compressor)	1	
-2	2B1-10-4		. BAR, Bus (manual gun charging to one phase inverter failure .	1	A,B,C,R
-3	AN3161P5	*2	. CIRCUIT BREAKER, (panel vibrator and G.S.A.P. camera)	1	A,B,R,R,Z
	AN3161P10	*2	. CIRCUIT BREAKER, (panel vibrator and cameras)	1	F,G,J,S
-4	AN3161P25	*1,*2	. CIRCUIT BREAKER, (gun charger compressor)	1	A,B,C,R,Z
-5	AN3161P10	*2	. CIRCUIT BREAKER, (nose steering navigator and external and position light flasher)(nose wheel steering) . . .	1	T,K
-6	AN3161P25	*1,*2	. CIRCUIT BREAKER, (manual gun charging)	1	A,B,C,R,Z
-7	AN3161P25	*1,*2	. CIRCUIT BREAKER, (auto gun charging)	1	A,B,C,R,Z
-8	AN3161P5	*2	. CIRCUIT BREAKER, (ammunition gun heater control)	1	B,Z
-9	AN3161P5	*2	. CIRCUIT BREAKER, (ammunition boost control)	1	F,G,J,S
	ATTACHING PARTS				
-10	AN515-6R5		. SCREW, (use wth Mechanical Prod. & Square "D" circuit breakers)	AR	T,K
	AN515-6R7		. SCREW, (use wth Spencer Thermostat circuit breakers)	AR	T,K
	---*---				
-11	NAS44-416P2		. BUS BAR, Electrical	1	T,K
-12	C6766-3-70		. CIRCUIT BREAKER, (manual override hyd pump) (Spencer Thermostat)	1	T,K
-13	C6766-3-70		. CIRCUIT BREAKER, (alternate override hyd pump) (Spencer Thermostat) . . .	1	T,K
	ATTACHING PARTS				
	AN520-10R12		. SCREW	4	T,K
	---*---				
-14	36548		. RELAY, (windshield anti-ice time delay) (type B9A) (Spec 32439A) (Guardian or equivalent) . .	1	A,B,J,P,R,Z
	ATTACHING PARTS				
	AN515-6R4		. SCREW	4	A,B,J,P
	AN936A6		. WASHER	4	A,B,J,P
	---*---				
-15	AN3312-1		. RELAY, (gunsight power)	1	T,K
	ATTACHING PARTS				
	AN515-8R8		. SCREW	4	T,K
	---*---				
-16	AN3353-1		. RELAY, (canopy power select)	1	T,K
	ATTACHING PARTS				
	AN515-8R8		. SCREW	2	T,K
	---*---				
-17	No Number		. RELAY, (inverter failure) (type D1) (Spec 32471)	1	T,K
	ATTACHING PARTS				
	AN509-8R9		. SCREW	2	T,K
	---*---				
-18	AN3350-2		. RELAY, (gun firing relay LH)	1	T,V
	9022		. RELAY, (gun fire and charger) (Leach)	1	B
-19	AN515-8R10		. SCREW	2	T,K
-20	AN3352-1		. RELAY, (gun heater relay)	1	T,K
-21	AN515-8R10		. SCREW	2	T,K
	172-54127		. COVER ASSY, Electrical fuselage station 26 relay panel. . . .	1	T,V,Y
-22	172-54127-3		. . COVER ASSY, Elec fuselage station 26 relay panel	1	T,V,Y
-23	172-54127-5		. . COVER ASSY, Elec fuselage station 26 relay panel	1	T,V,Y
-24	172-54127-7		. . COVER ASSY, Elec fuselage station 26 relay panel	1	T,V,Y
-25	172-54128		. BASE ASSEMBLY, Electrical fuselage station 26 relay	1	A,R
	172-54128-10		. BASE ASSEMBLY, Electrical fuselage station 26 relay	1	B
	172-54128-20		. BASE ASSEMBLY, Electrical fuselage station 26 relay	1	C
	172-54128-30		. BASE ASSEMBLY, Electrical fuselage station 26 relay	1	D
	172-54128-40		. BASE ASSEMBLY, Electrical fuselage station 26 relay	1	E
	172-54128-50		. BASE ASSEMBLY, Electrical fuselage station 26 relay	1	F
	172-54128-60		. BASE ASSEMBLY, Electrical fuselage station 26 relay	1	G
	172-54128-70		. BASE ASSEMBLY, Electrical fuselage station 26 relay	1	H
	172-54128-80		. BASE ASSEMBLY, Electrical fuselage station 26 relay	1	J
	172-54128-90		. BASE ASSEMBLY, Electrical fuselage station 26 relay	1	L
	172-54128-101		. BASE ASSEMBLY, Electrical fuselage station 26 relay	1	M

*1 Parts marked thus not used on aircraft modified in accordance with T. O. 1F-86-221.
*2 AN3161P( ) circuit breakers are intrch with MS24506( ) of the same dash number.

USEABLE ON CODE:
A 51-13170 thru 51-13510, 52-4405 thru 52-4904
B 52-4305 thru 52-4404
C 52-4905 thru 52-5063
E 52-5064 thru 52-5271, 52-5447 thru 55-3830
F 52-5329 thru 52-5386
G 52-5387 thru 52-5446
H 52-4964 thru 52-5013
J 52-5278, 52-5291, 52-5293, 52-5296, 52-5299, 52-5303, 52-5309 thru 52-5328
K 51-13080 and subs
L 51-13080 thru 51-13179
M 55-3831 and subs
P 52-4905 thru 52-5271, 52-5447 and subs
R 52-5272 thru 52-5277, 52-5279 thru 52-5290, 52-5292, 52-5294, 52-5295, 52-5297 thru 52-5298, 52-5300, 52-5302, 52-5304
S 52-4905 thru 52-5271, 53-1072 thru 53-1228
T 51-2928 thru 51-12976
V 51-13080 thru 51-13510
Y 52-4305 thru 52-5013, 52-5272 thru 52-5446
Z 51-2928 thru 51-12976, 51-13080 thru 51-13169

FUSELAGE ELECTRICAL (Cont)

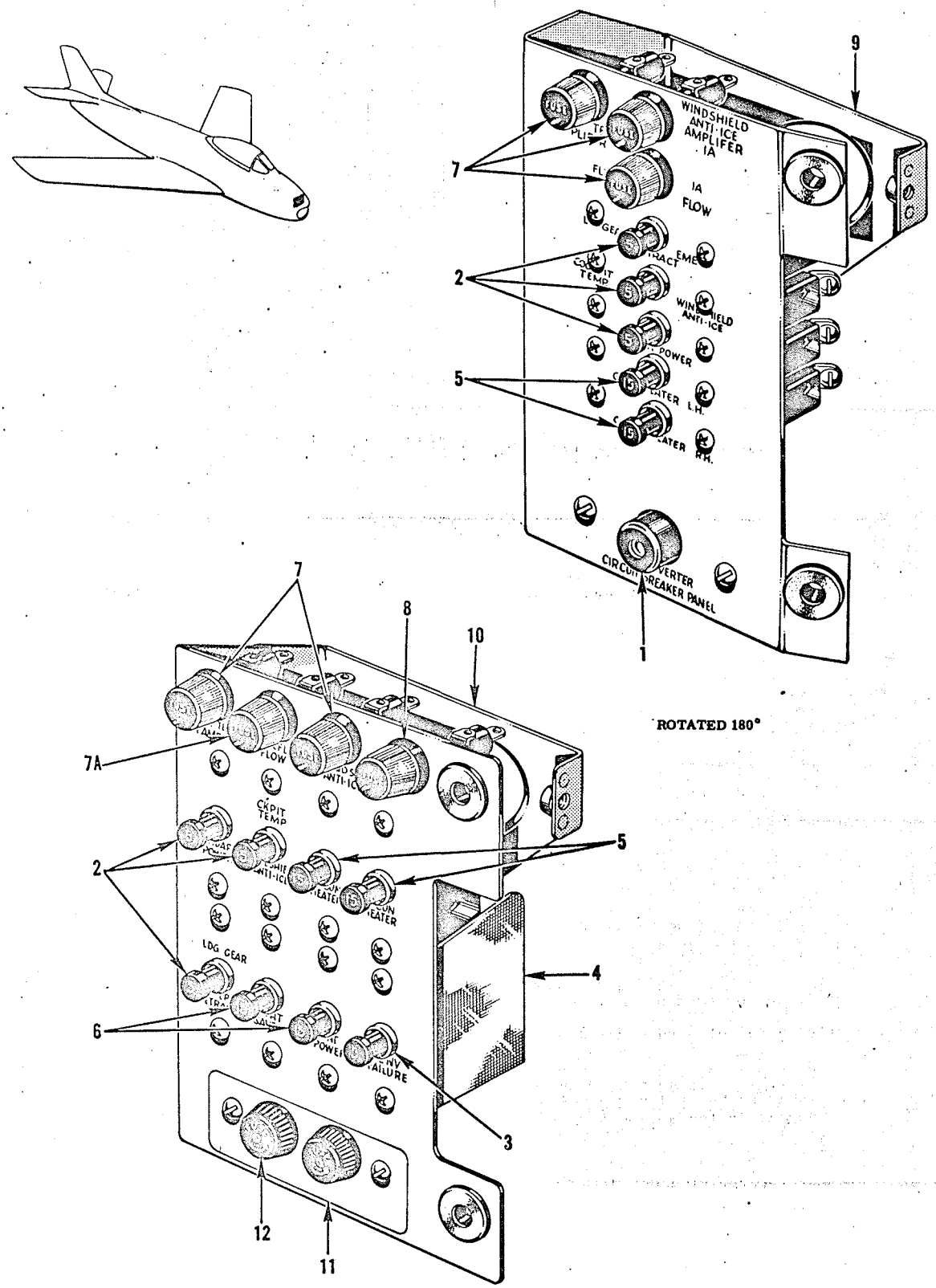


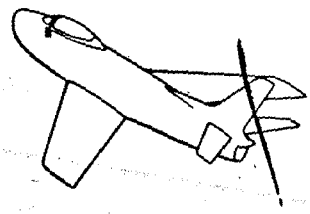
FIGURE 284 - ELECTRICAL FORWARD FUSELAGE CIRCUIT BREAKER BRACKET ASSEMBLY COMPLETE

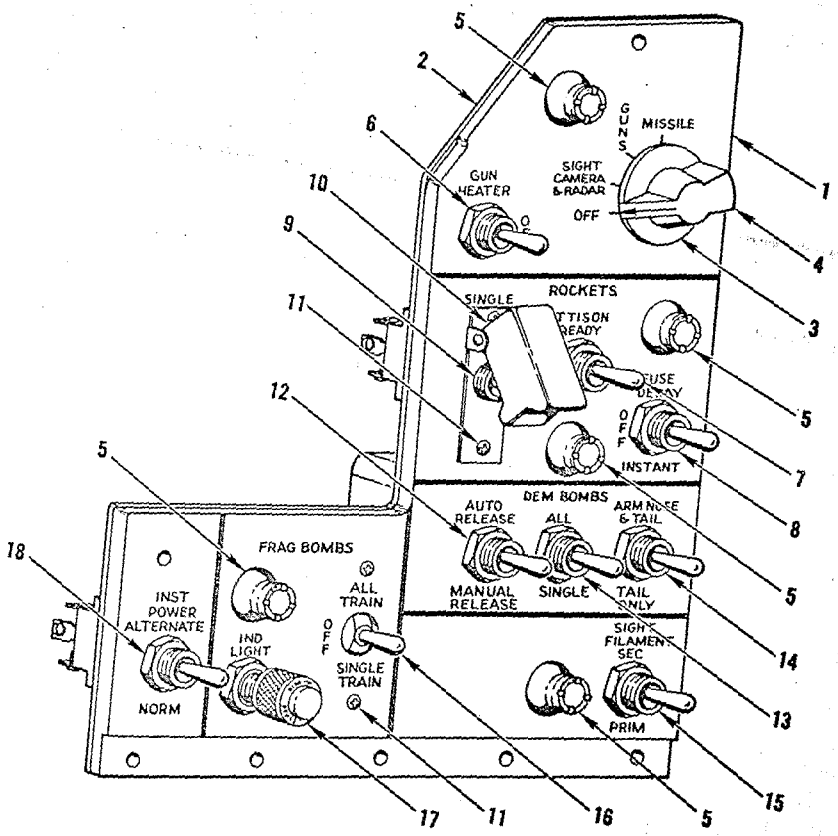
FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
284	172-54078		BRACKET ASSY, Elec forward fuselage circuit breaker complete (see figure 278 for next assembly)	Ref	A
	172-54166		BRACKET ASSY, Elec forward fuselage circuit breaker complete (see figure 278 for next assembly)	Ref	B
	172-54166-10		BRACKET ASSY, Elec forward fuselage circuit breaker complete (see figure 278 for next assembly)	Ref	C
	172-54166-20		BRACKET ASSY, Elec forward fuselage circuit breaker complete (see figure 278 for next assembly)	Ref	H
	172-54166-30		BRACKET ASSY, Elec forward fuselage circuit breaker complete (see figure 278 for next assembly)	Ref	K
	172-54166-41	*1	BRACKET ASSY, Elec forward fuselage circuit breaker complete (see figure 278 for next assembly)	Ref	G
	172-54166-51		BRACKET ASSY, Elec forward fuselage circuit breaker complete (see figure 278 for next assembly)	Ref	L
	172-54166-61		BRACKET ASSY, Elec forward fuselage circuit breaker complete (see figure 278 for next assembly)	Ref	M
-1	C6766-3-105	*4	. CIRCUIT BREAKER, (inverter 1 phase) (Spencer Thermostat) (use PDLM105 until exh)	1	E
-2	AN3161P5	*3	. CIRCUIT BREAKER, (LH emer retract cockpit temperature and windshield anti-ice radar power)	3	E
-3	AN3161P5	*3	. CIRCUIT BREAKER, (1 phase inverter failure)	1	C,D,F,G
-4	191-54033		. INSULATOR, Elec fwd fus circuit breaker (1 PH inverter failure)	1	D,F,G
-5	AN3161P15	*3	. CIRCUIT BREAKER, (gun heater LH and RH)	2	E
-6	AN3161P15	*3	. CIRCUIT BREAKER, (sight heater and sight power)	2	J
-7	HKP		. HOLDER, Fuse (Bussman)	2	E
	AGC1		. FUSE, 1 amp (Bussman) (cockpit temperature and windshield anti-ice control amp)	2	E
-7A	HKP	*2	. HOLDER, Fuse (Bussman)	1	G,F
	MTH5	*2	. FUSE, 5 amp (Bussman)	1	G,F
-8	HKP		. HOLDER, Fuse (Bussman)	1	F
	AGC1		. FUSE, 1 amp (1 phase inverter warning)	1	F
	2B1-10-4		. BAR, Bus (RH gun heater to radar power) (North American)	1	E
	2B1-10-2		. BAR, Bus (sight heater to sight power) (North American)	1	J
-9	172-54070-20		. BRACKET ASSY, Elec forward fuselage circuit breaker	1	A
-10	172-54165		. BRACKET ASSY, Elec forward fuselage circuit breaker	1	B,C,H
	172-54165-10		. BRACKET ASSY, Elec forward fuselage circuit breaker	1	C
	172-54165-21		. BRACKET ASSY, Elec forward fuselage circuit breaker	1	G
	172-54165-31		. BRACKET ASSY, Elec forward fuselage circuit breaker	1	L
	172-54165-41		. BRACKET ASSY, Elec forward fuselage circuit breaker	1	M
-11	202-54019	*5	. PLATE, Elec AN/ARN 21 tacan identification.	1	
	AN520-10R7	*5	. SCREW	2	
	AN365-1032	*5	. SCREW	2	
-12	MDX7		. FUSE, (Bussman)	2	
	HKP-H		. HOLDER, Fuse (Bussman)	2	

*1 Reworked per T.O. 1F-86F-217.
*2 Refer to T.O. 1F-86-210.
*3 AN3161P( ) circuit breakers are intrch with MS24506 ( ) of the same dash number.
*4 Removed from airplanes modified per T.O. 1F-86F-532.
*5 Used on airplanes modified per T.O. 1F-86F-532.

USEABLE ON CODE:
A 51-2928 thru 51-2943
B 51-12936 thru 51-13169, 52-4305 thru 52-4404
C 51-1317 thru 51-1328
D 51-13284 thru 51-13510, 52-4405 thru 52-5180, 52-5272 thru 52-5489
E 51-2928 and subs
F 53-1072 and subs
G 52-5180 thru 52-5271, 52-5489 thru 52-5530
H 51-13284 thru 51-13510 52-4405 thru 52-5179
J 51-12936 and subs
K 53-1072 thru 53-1228
L 55-3816 thru 55-3875
M 55-3876 and subs





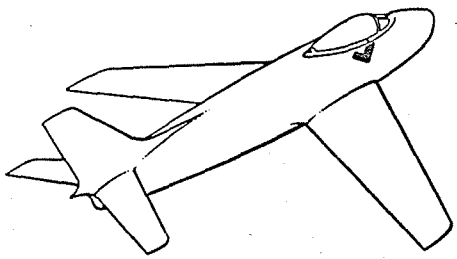
F-86F-4-54-43A

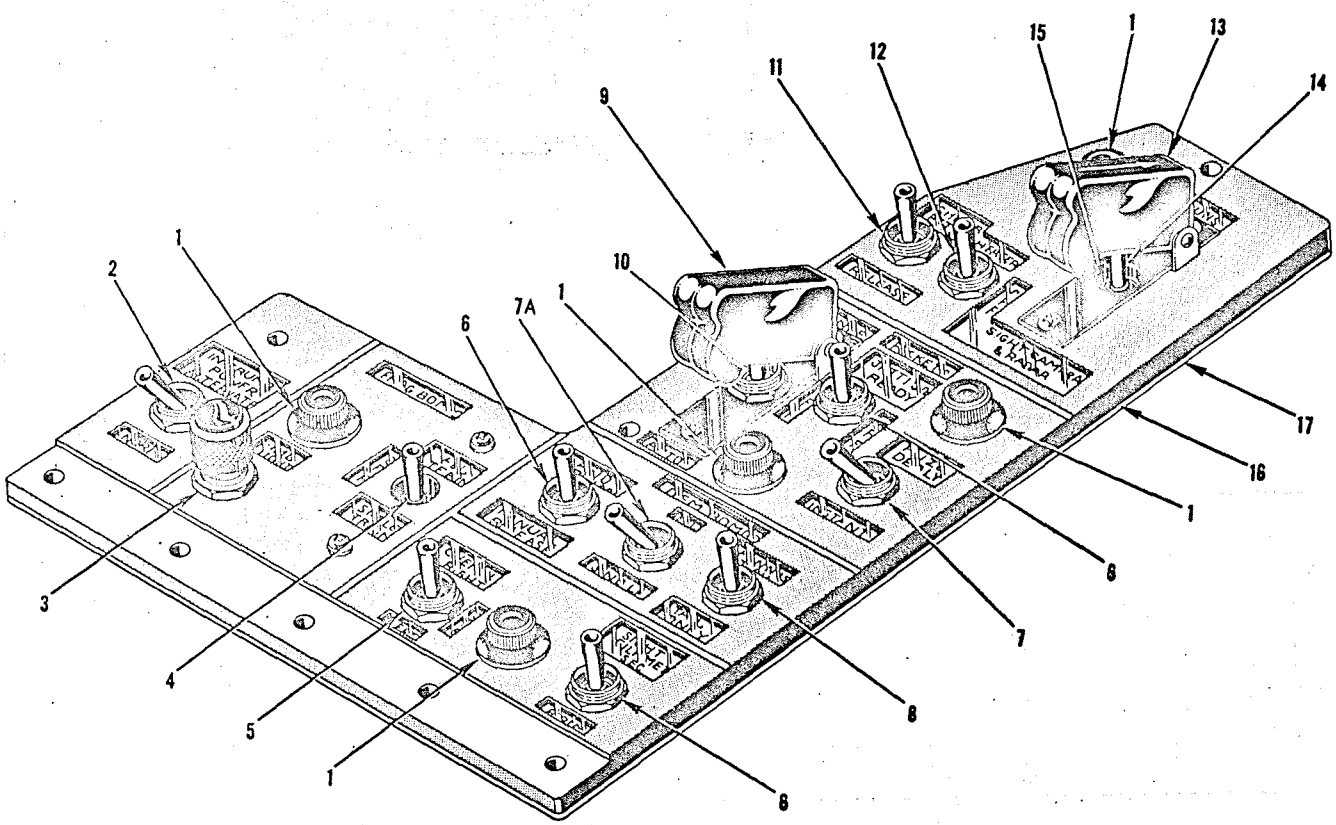
FIGURE 284A - ELECTRICAL CENTER PEDESTAL PANEL ASSEMBLY (MOD)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
284A				ELECTRICAL CENTER PEDESTAL PANEL ASSEMBLY (MOD)		
	202-540001	*1	.	ELECTRICAL EQUIP. INSTL, GAR-8 sidewinder missile (Mod) . . . (see fig. 108 for next assy)	NP	A
-1	202-540003-3		. .	PANEL, Elec GAR-8 sidewinder missile cont pedestal	1	A
	60D94153		. .	PLATE, Electrical center pedestal	1	B
-2	202-540003-5		. .	PANEL, Elec GAR-8 sidewinder missile cont pedestal	1	A
	60D94154		. .	SHIELD, Electrical center pedestal panel	1	B
	202-540002-11		. .	HARNESS ASSY, Elec GAR-8 sidewinder	1	A,B
-3	24YY2055-5		. . .	SWITCH, (Grayhill) (gun, missile selector)	1	A,B
-4	MS25165-1		. . .	KNOB	1	A,B
-5	MS25010-2		. .	LIGHT ASSY	5	A,B
	AN3140-327		. .	LAMP	5	A,B
-6	AN3027-6		. .	SWITCH, (gun heater)	1	A,B
	2B2C8		. .	BUS BAR, (North American)	1	A,B
-7	AN3021-3		. .	SWITCH, (jettison ready)	1	A,B
-8	AN3021-1		. .	SWITCH, (fuse delay, instant)	1	A,B
-9	AN3027-1		. .	SWITCH, (rockets)	1	A,B
-10	157-54089-13		. .	GUARD, Elec three hole mtg switch	1	A,B
-11	AN515-6R9		. .	SCREW	4	A,B
	AN365-632		. .	NUT	4	A,B
	2B2C7		. .	BUS BAR, (North American)	1	A,B
-12	AN3021-3		. .	SWITCH, (auto release)	1	A,B
-13	AN3021-1		. .	SWITCH, (bombs all or single)	1	A,B
-14	AN3027-1		. .	SWITCH (arm nose and tail) and (tail only)	1	A,B
	2B2C7		. .	BUS BAR, (North American)	1	A,B
	172-54157		. .	INSULATOR, Elec single hole mtg switch	1	A,B
-15	AN3021-3		. .	SWITCH, (sight filament)	1	A,B
-16	AN3226-1		. .	SWITCH, (fragmentation bombs, all train or single train) .	1	A,B
	2B2C8		. .	BUS BAR, (North American)	1	A,B
-17	AN3157-4		. .	LIGHT ASSY, (fragmentation bombs ind light)	1	A,B
	AN3121-313		. .	LAMP	1	A,B
-18	AN3027-3		. .	SWITCH, (instrument power, alternate or normal)	1	A,B

*1 Used on airplanes coded A modified per T.O. 1F-86F-533.

USEABLE ON CODE:
A 51-13170 thru 51-13510,
52-5272 thru 52-5521,
52-5523 thru 52-5530,
52-4305 thru 52-5015,
52-5017 thru 52-5163
B 52-5164 thru 52-5271
53-1072 thru 53-1228
55-3816 thru 55-3875





F-86F-4-54-42

FIGURE 285 - ELECTRICAL CENTER PEDESTAL PANEL ASSEMBLY

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
285	172-54102		PANEL ASSY, Elec center pedestal (see fig. 312 for next assy)	Ref	A
	172-54102-10		PANEL ASSY, Elec center pedestal (see fig. 312 for next assy)	Ref	B
	172-54102-20		PANEL ASSY, Elec center pedestal (see fig. 312 for next assy)	Ref	C
	172-54102-30		PANEL ASSY, Elec center pedestal (see fig. 312 for next assy)	Ref	D
	227-54102		PANEL ASSY, Elec center pedestal (see fig. 312 for next assy)	Ref	F
-1	MS25010-2		. LAMP ASSY, (inst panel) (use Wemac 1617C2 untl exh)	5	E
	AN3140-327		. LAMP (panel light)	5	E
-2	AN3027-3		. SWITCH (instrument power)	1	E
-3	AN3157-4		. LIGHT ASSY (fragmentation bombs)	1	E
	AN3121-313		. LAMP	1	E
-4	AN3226-1		. SWITCH, (bomb selector fragmentation)	1	E
	2B2C8		. BUS BAR, (North American)	1	E
-5	AN3021-1	*3	. SWITCH, (chemical tank)	1	A
-6	AN3021-3		. SWITCH, (sight filament, bombs release and rocket jettison)	3	E
-7	AN3021-1		. SWITCH, (rocket fuse)	1	E
-7A	AN3021-1		. SWITCH, (bomb arming)	1	A,B,D
	AN3027-1	*1	. SWITCH, (bomb train selector)	1	C
	45A7400-2	*2*3	. SWITCH ASSY, Single pole flush mounting four position	1	C,F
-8	AN3027-1		. SWITCH, (rocket selector)	1	E
	172-54157		. INSULATOR, Electrical single hole mounting switch	1	E
	2B2C7		. BUS BAR, (North American)	1	E
-9	157-54089-13		. GUARD, Electrical three hole mounting switch	1	E
-10	AN3027-1		. SWITCH, (rockets)	1	E
	2B2C7		. BUS BAR, (North American)	1	E
-11	AN3021-7		. SWITCH, (gun charger retract and release)	1	A,B
-12	AN3027-8	*3	. SWITCH, (gun charger heater)	1	E
	2B2C8	*3	. BUS BAR, (North American)	1	E
-13	8916K689	*3	. GUARD, (with arrow) (Cutler-Hammer)	1	E
-14	AN3226-1	*3	. SWITCH, (gun, sight, camera and radar safety)	1	E
-15	AN3221-1		. TIP, (guns, sight camera and radar)	1	E
-16	172-54103		. RETRACTOR, Electrical center pedestal panel	1	A
	172-54103-10		. RETRACTOR, Electrical center pedestal panel	1	B
	172-54103-30	*1*3	. RETRACTOR, Electrical center pedestal panel	1	C,D
	191-54175	*2	. PLATE, Elec center pedestal revision (plastic)	1	C
-17	172-54101		. SHIELD, Electrical center pedestal panel	1	A
	172-54101-10		. SHIELD, Electrical center pedestal panel	1	B
	172-54101-20	*1*3	. SHIELD, Electrical center pedestal panel	1	C,D
	191-54174	*2	. SHIELD, Electrical center pedestal panel	1	C

*1 Not used on airplanes coded C when modified per T.O. 1F-86F-219.
*2 Used on airplanes coded C when modified per T.O. 1F-86F-219.
*3 Not used on airplanes coded C, F and G when modified per T.O. 1F-86F-533. see fig. 284A for modified panel

USEABLE ON CODE:

A 51-12936 thru 51-13169
B 51-13170 thru 51-13510, 52-4305 thru 52-4963, 52-5272 thru 52-5277, 52-5279 thru 52-5290, 52-5292, 52-5294 - 52-5295, 52-5297 thru 52-5298 52-5200 - 52-5302, 52-5304
C 52-5164 thru 52-5271, 53-1072 thru 53-1228
D 52-4964 thru 52-5163, 52-5381 thru 52-5530, 52-5278, 52-5291, 52-5293, 52-5296, 52-5299, 52-5303, 52-5305 - 52-5380
E 51-12936 thru 53-1228
F 55-3816 thru 55-3875
G 51-13170 thru 51-13510, 52-5272 thru 52-5521, 52-5523 thru 52-5530, 52-4305 thru 52-5015, [illegible] thru 52-5163

FUSELAGE ELECTRICAL (Cont)

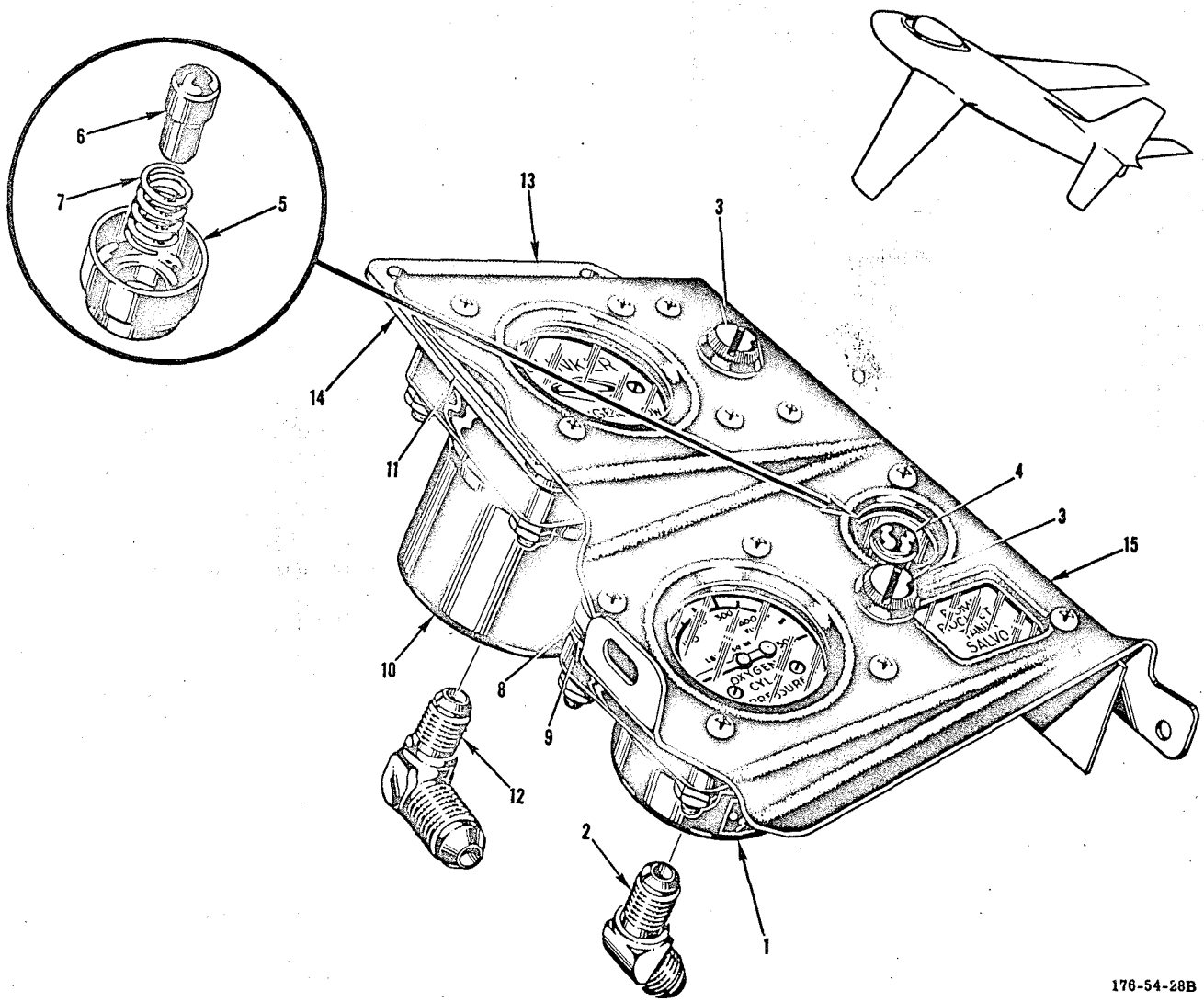


FIGURE 286 - FUSELAGE STATION 78 15/16 TO 84 3/16 LH ELECTRICAL CONSOLE PANEL ASSEMBLY COMPLETE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
286		FUSELAGE STATION 78 15/16 TO 84 3/16 LH ELECTRICAL CONSOLE PANEL ASSEMBLY COMPLETE		
	151-54296-20 *1	. PANEL ASSY, Elec console LH sta 78 15/16 to 84 3/16 complete (see figure 294 for next assembly)	Ref	A
-1	AN6021-1A	. . GAGE, Panel mounting low pressure oxygen (GFAE)	1	A
-2	AN823-5D	. . ELBOW	1	A
-3	A4185	. . LIGHT ASSEMBLY, Instrument panel (Grimes)	2	A
	AN3140-327	. . LAMP	2	A
-4	AN3216-1	. . SWITCH, (bomb salvo)	1	A
	AN3166-1	. . ACTUATOR, (bomb salvo)	1	A
-5	151-54391	. . GUARD, Elec AN3216-1 bomb rocket tank jettison switch	1	A
-6	151-54399	. . PLUNGER, Elec AN3216-1 bomb rocket tank jettison switch	1	A
-7	151-54400	. . SPRING, Elec AN3216-1 bomb rocket tank jettison switch	1	A
-8	151-54298-10	. . LIGHTING PLATE, Elec AN6021-1 oxygen pressure gage	1	A
-9	151-54297	. . BASE ASSY, Elec AN6021-1 oxygen pressure gage	1	A
-10	AN6029-1	. . INDICATOR, Oxygen flow (GFAE)	1	A
-11	151-54300	. . REFRACTOR, Elec AN6029-1 oxygen flow indicator	1	A
-12	AN822-5D	. . ELBOW	1	A
-13	172-54299-3	. . BASE, Elec AN6029-1 oxygen flow indicator	1	A
-14	172-54299-5	. . BASE, Elec AN6029-1 oxygen flow indicator	1	A
-15	172-54295	. . PANEL ASSY, Elec console LH station 79 to 84 3/16	1	A

*1 This panel not used on aircraft modified in accordance with T. O. 1F-86F-126. (see fig. 288)
USEABLE ON CODE: A 51-2850 thru 51-12976.

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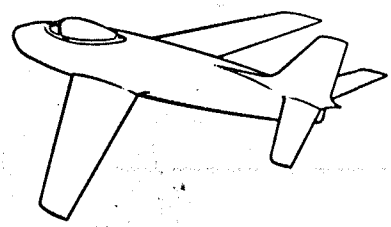
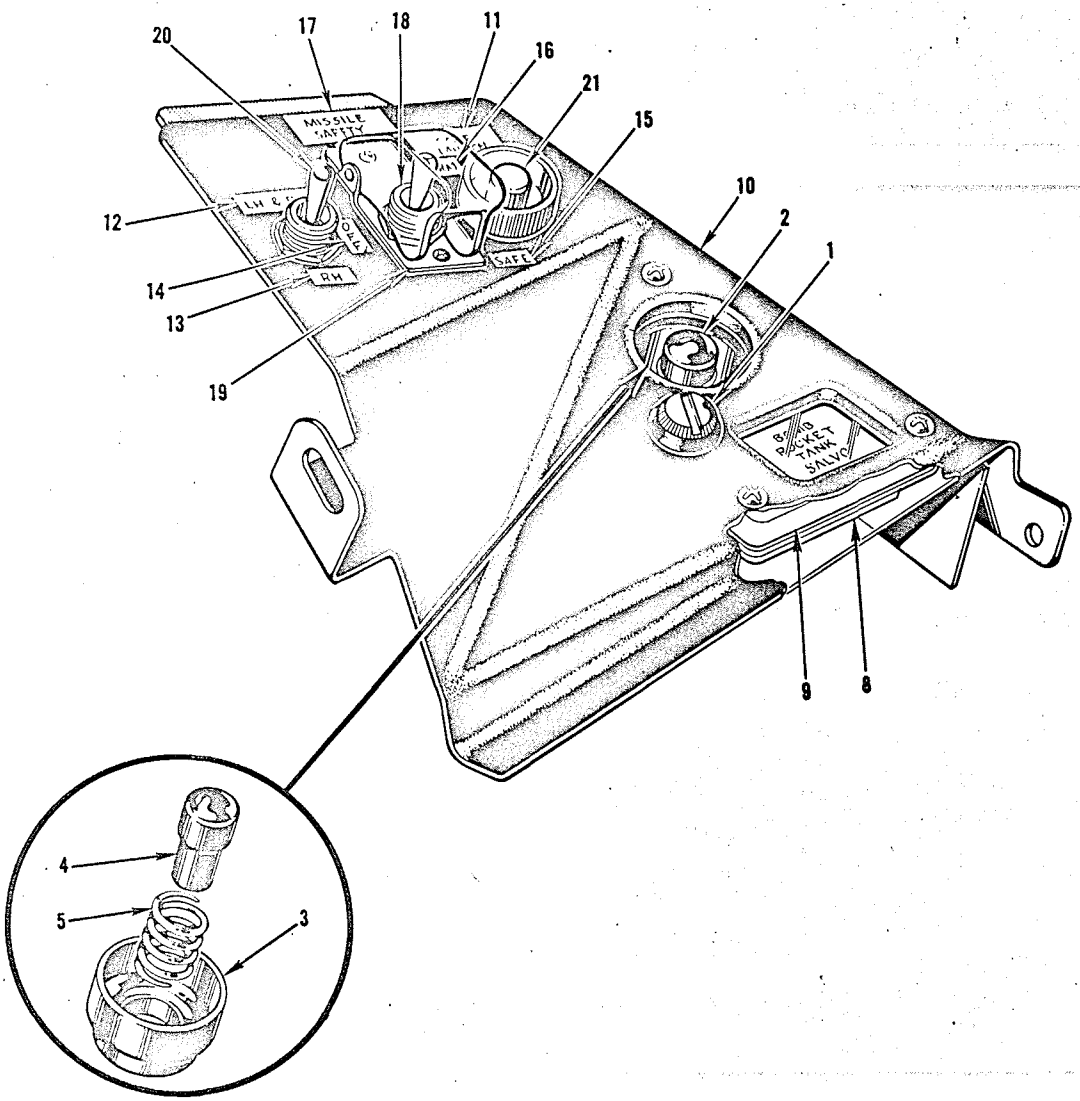




F-86F-4-54-17A

FIGURE 287 - FUSELAGE STATION 78 15/16 TO 84 3/16 LH ELECTRICAL CONSOLE PANEL ASSEMBLY COMPLETE

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
287			FUS STA 78 15/16 TO 84 3/16 LH ELEC CONSOLE PANEL ASSY COMPLETE		
	176-54296	*1	. PANEL ASSY, Elec fuselage station 78 15/16 to 84 3/16 LH console (see figure 294 for next assembly)	Ref	A
	176-54296-10	*1	. PANEL ASSY, Elec fuselage station 78 15/16 to 84 3/16 LH console (see figure 294 for next assembly)	Ref	B,E
-1	A4185		. . LIGHT ASSEMBLY, Instrument panel (Grimes)	1	A,B,C
	MS25010-2		. . LIGHT ASSY, (instrument panel) (use Wemac 1617C2 until exh)	1	D
	AN3140-327		. . LAMP	1	E,F
-2	AN3216-1		. . SWITCH, (bomb salvo)	1	A,B,E
	AN3166-1		. . ACTUATOR, (bomb salvo)	1	A,B,E
-3	151-54391		. . GUARD, Elec AN3216-1 bomb rocket tank jettison switch	1	A,B,E
-4	151-54399		. . PLUNGER, Elec AN3216-1 bomb rocket tank jettison switch	1	A,B,E
-5	151-54400		. . SPRING, Elec AN3216-1 bomb rocket tank jettison switch	1	A,B,E
-6	Deleted				
-7	Deleted				
-8	176-54297		. . BASE ASSY, Elec fus sta 81 9/16 to 84 3/16 LH console	1	A,B,E
-9	176-54298		. . PLATE, Electric fus sta 81 9/16 to 84 3/16 LH console	1	A,B,E
-10	176-54295		. . BASE, Elec fus sta 81 9/16 to 84 3/16 LH console	1	A
	176-54295-10		. . BASE, Elec fus sta 81 9/16 to 84 3/16 LH console	1	B,E
-11	61C40105-3	*2	. . DECAL, Missile safety (SAFE LAUNCH)	1	A,B,E
-12	61C40105-9	*2	. . DECAL, Missile safety (LH and RH)	1	A,B,E
-13	61C40105-13	*2	. . DECAL, Missile safety (RH)	1	A,B,E
-14	62B40220-9	*2	. . DECAL, Missile safety (OFF)	1	A,B,E
-15	62B40220-5	*2	. . DECAL, Missile safety (SAFE)	1	A,B,E
-16	62B40220-7	*2	. . DECAL, Missile safety (ARM)	1	A,B,E
-17	62B40220-3	*2	. . DECAL, Missile safety (MISSILE SAFETY)	1	A,B,E
-18	MS35058-23	*2	. . SWITCH, (missile safety)	1	A,B,E
-19	MS25224-1	*2	. . GUARD	1	A,B,E
-20	AN3027-1	*2	. . SWITCH, (RH, LH and RH)	1	A,B,E
-21	W1034RHRS4S	*2	. . SWITCH, (safe launch) (Hetherington)	1	A,B,E

USEABLE ON CODE:

A 51-13070 thru 51-13109
B 51-13110 thru 52-4954
C 51-13070 thru 51-13272
D 52-4305 thru 52-5163
E 52-5272 thru 52-5386
F 51-13070 thru 52-5163

*1 Reworked per T.O. No. 1F-86F-37
*2 Used on airplanes modified per T.O. 1F-86-593.

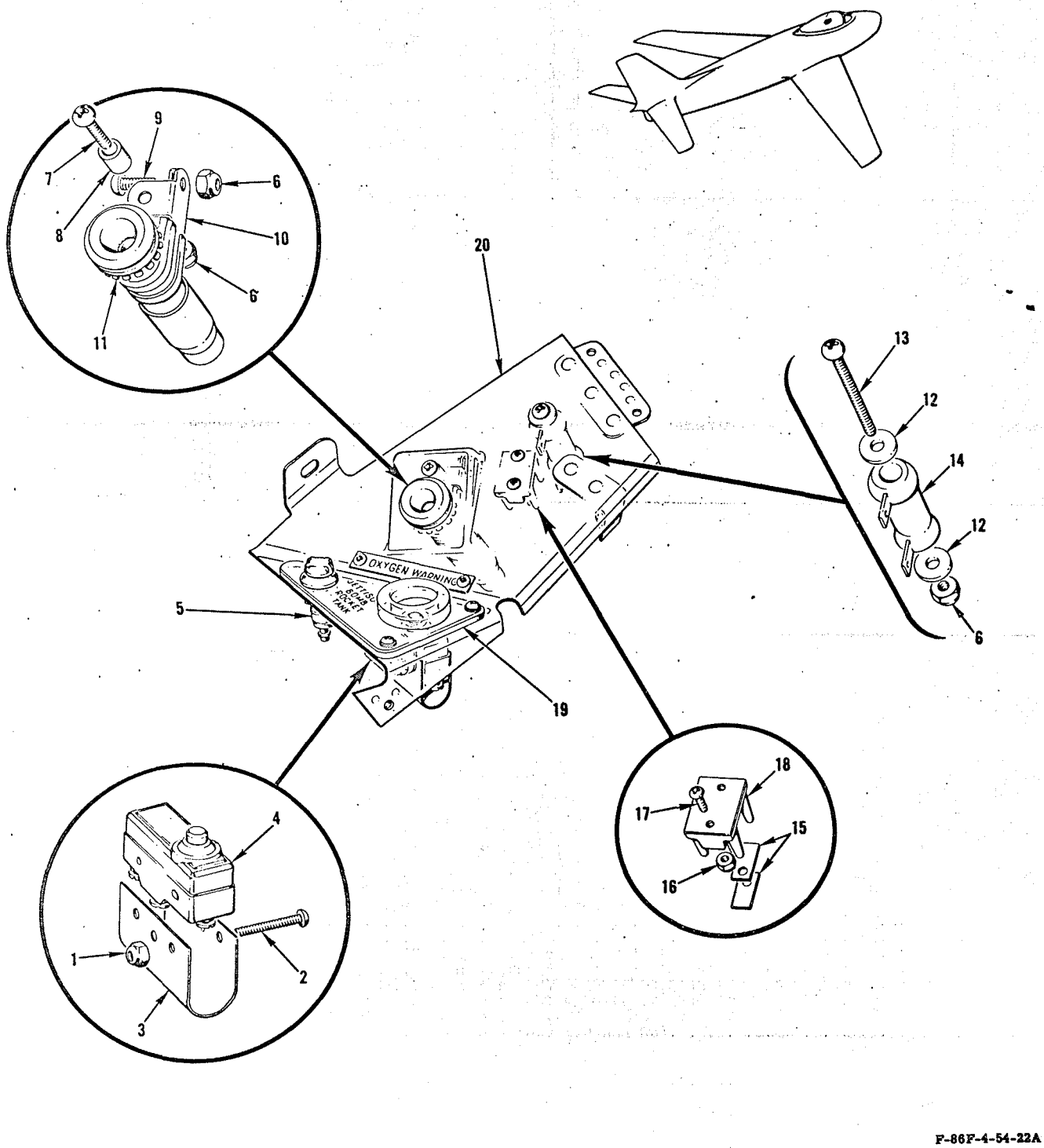


FIGURE 288 - FUSELAGE STATION 78 15/16 TO 84 11/16 ELECTRICAL LH CONSOLE COMPLETE (MODIFICATION)

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
288	172-54296	PANEL ASSEMBLY, Electrical fuselage station 78 15/16 to station 84 11/16 LH console complete (see figure 294 for next assy)	Ref	*1
-1	AN365-632	. NUT	2	*1
-2	AN515-6R16	. SCREW	2	*1
-3	804-3	. COVER, Switch protector (North American)	1	*1
-4	BZ3YDT	. SWITCH, (bomb, rocket, tank jettison) (Micro Switch)	1	*1
-5	MS25010-4	. LIGHT	1	*1
	AN3140-327	. LAMP	1	*1
-6	AN365-832	. NUT	3	*1
-7	AN515-8R14	. SCREW	1	*1
-8	NAS43DD3-24	. SPACER, Screw and bolt	1	*1
-9	AN515-8R7	. SCREW	1	*1
-10	739-10	. CLAMP, (Adel)	1	*1
-11	T1270	. LIGHT ASSEMBLY, Oxygen warning (Master Specialties)	1	*1
-12	2W1R12-16-62	. WASHER, Plain (North American)	2	*1
-13	AN515-8R32	. SCREW	1	*1
-14	RW31J800	. RESISTOR, Oxygen light dimming 80 ohm (Spec JAN-R26A)	1	*1
-15	AN3434-1	. STRIP	2	*1
-16	AN365-440	. NUT	2	*1
-17	AN515-4R7	. SCREW	2	*1
-18	AN3436-2-1	. TERMINAL BLOCK ASSEMBLY	1	*1
-19	191-54202	. PLATE ASSY, Elec fus sta 82 1/8 to 84 11/16 LH console forward plastic	1	*1
-20	191-54295-10	. PANEL ASSY, Elec fus sta 79 to sta 84 11/16 LH console	1	*1

*1 Used on aircraft 51-2850 thru 51-12976 which have been modified in accordance with T. O. 1F-86F-126 to incorporate type D2 oxygen regulator.

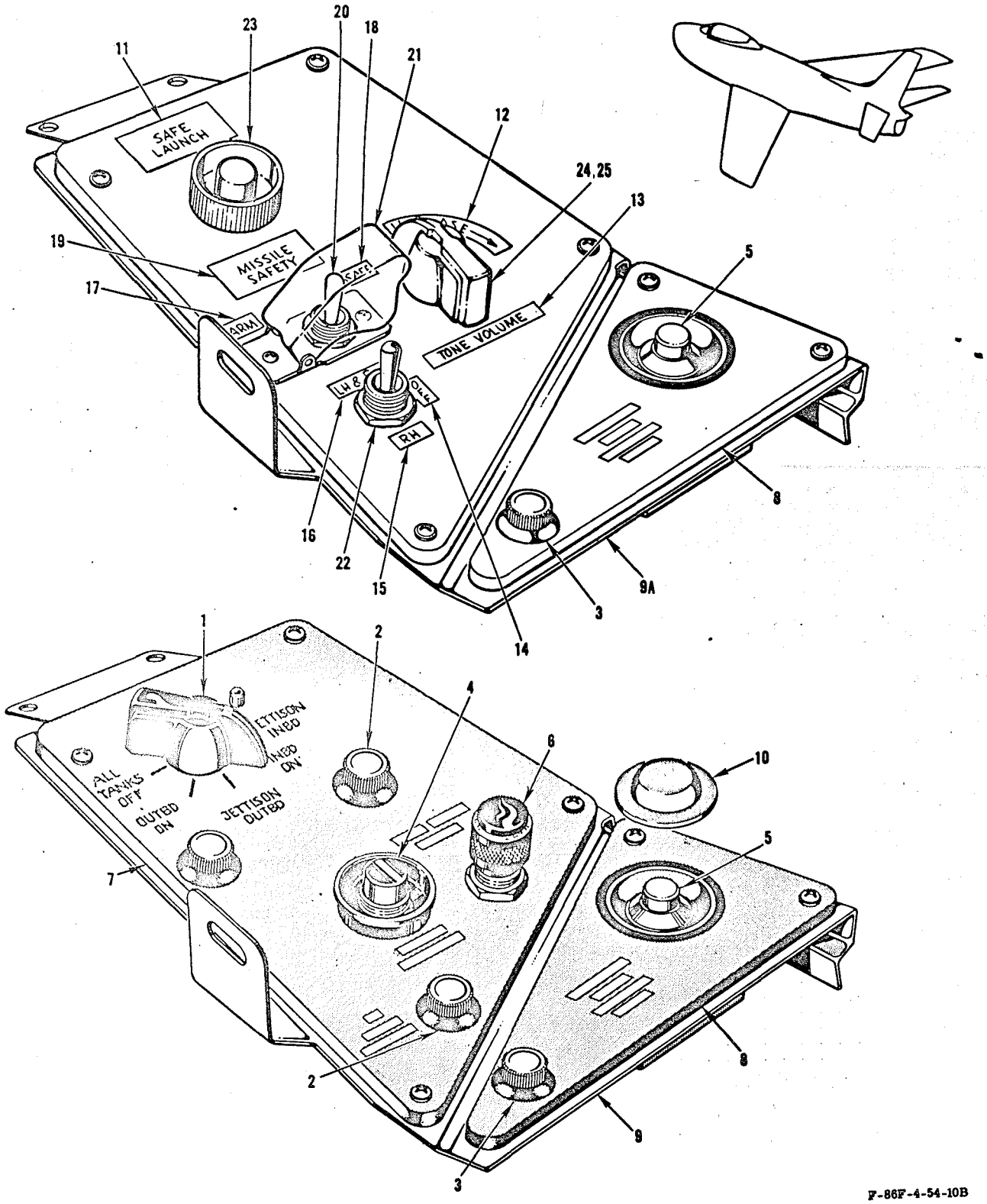


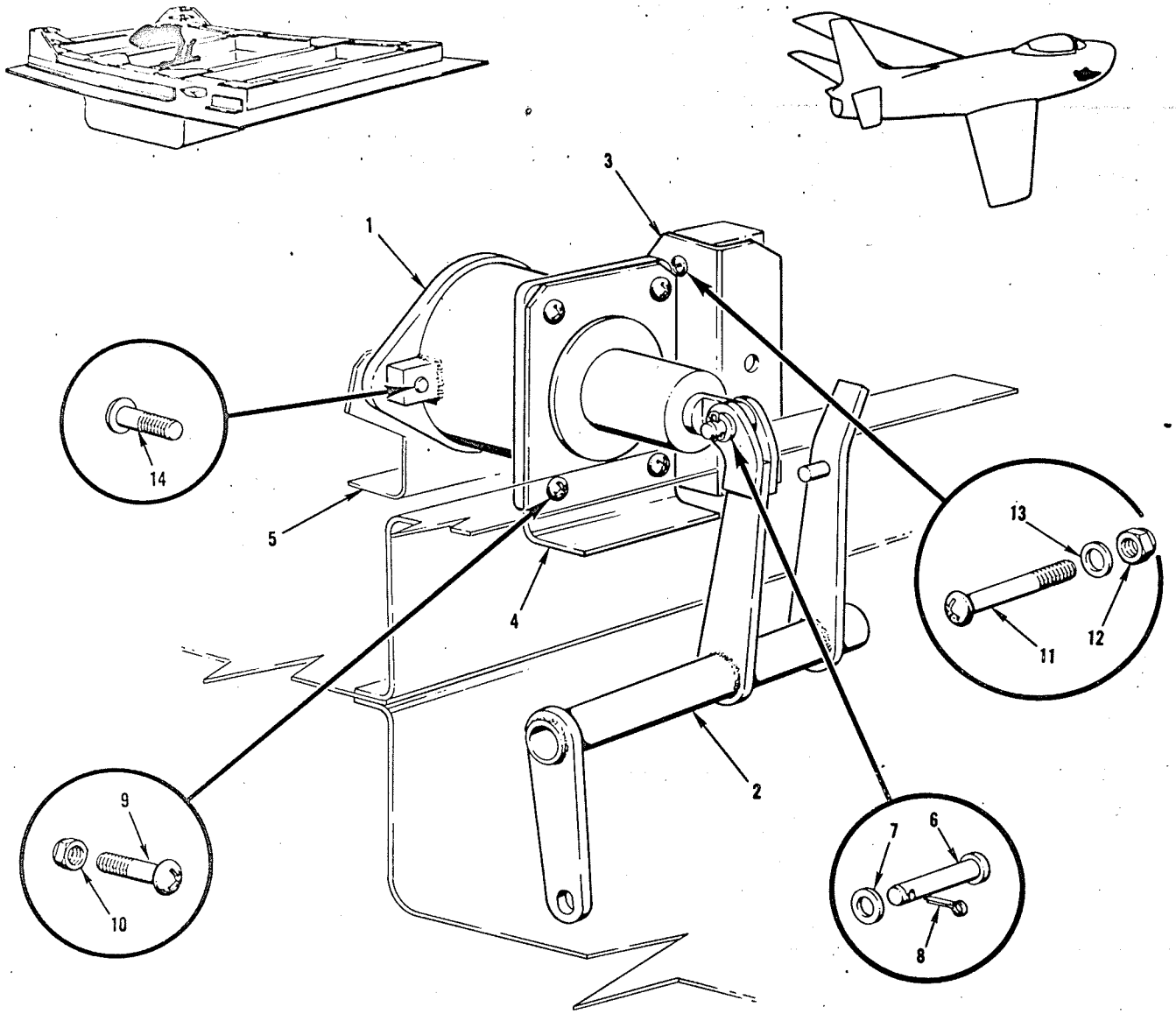
FIGURE 289 - ELECTRICAL FUSELAGE STATION 78 15/16 TO STATION 84 11/16 LH CONSOLE COMPLETE PANEL ASSEMBLY

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
289	191-54296		PANEL ASSY, Elec fus sta 78 15/16 to sta 84 11/16 LH console . . complete (see figure 294 for next assembly)	Ref	A
	191-54296-10		PANEL ASSY, Elec fus sta 78 15/16 to sta 84 11/16 LH console . . complete (see figure 294 for next assembly)	Ref	B
	191-54296-20		PANEL ASSY, Elec fus sta 78 15/16 to sta 94 11/16 LH console . . complete (see figure 294 for next assembly)	Ref	C
	191-54296-30		PANEL ASSY, Elec fus sta 78 15/16 to sta 94 11/16 LH console . . complete (see figure 294 for next assembly)	Ref	D
-1	187-54014		. KNOB, Electrical (altered from AN3220-2).	1	A,D,*3
	AN3211-3		. SWITCH, Rotary selector	1	A,D,*3
	AN3220-3		. KNOB	1	A,D,*3
	MS25002-3		. SWITCH	1	A,D,*3
	176-54035		. BAR, Electric AN321 selector switch bus	4	A,D
-2	MS25010-2		. LAMP ASSY, (inst panel) (use Wemac 1617C2 untl exh)	3	A,D
	AN3140-327		. LAMP, T1 3/4 bulb, midget flange base	3	A,D
-3	MS25010-2		. LAMP ASSY, (inst panel) (use Wemac 1617C2 untl exh)	1	A,B,C,D
	AN3140-327		. LAMP, T1 3/4 bulb, midget flange base	1	A,B,C,D
-4	A1901RCUR		. SWITCH, (Hetherington).	1	A,D
-5	BZ3YDT		. MICRO SWITCH, (Micro Switch).	1	A,B,C,D
-6	AN3157-4		. LIGHT ASSY, Press to test indicator	1	A,D
	AN3121-313		. LAMP, T3 1/4 bulb single contact miniature bayonet base . . .	1	A,D
-7	191-54173	*1	. PLATE, Elec LH fwd console jett revision	1	A
-8	191-54202		. PLATE ASSY, Elec fus sta 82 1/8 to sta 84 11/16 LH console . forward plastic	1	A
	191-54202-10		. PLATE ASSY, Elec fus sta 82 1/8 to sta 84 11/16 LH console .	1	A,D
	191-54201		. . RING, Elec fuselage station 82 1/8 to station 84 11/16 . . LH console forward plastic	1	A
	191-54298-20		. . PLATE, Electric fuselage station 82 1/8 to station 84 11/16 LH console forward plastic	1	A
	191-54298		. PLATE, Electric fuselage station 82 1/8 to station 84 11/16 . LH console forward plastic	1	B
	191-54298-10		. PLATE, Electric fuselage station 82 1/8 to station 84 11/16 . LH console forward plastic	1	C
	191-54298-30		. PLATE, Electric fuselage station 82 1/8 to station 84 11/16 . LH console forward plastic	1	D
-9	191-54295		. PANEL ASSY, Elec fus sta 78 15/16 to sta 84 11/16 LH console.	1	A,D
-9A	191-54295-30		. PANEL ASSY, Elec fus sta 78 15/16 to sta 84 11/16 LH console.	1	B,C
-10	191-54066		. DIAPHRAM, Electric panel switch water excluding	1	*2
-11	61C40105-3	*4	. DECAL, Missile safety (SAFE LAUNCH)	1	B,C
-12	61C40105-5	*4	. DECAL, Missile safety (INCREASE).	1	B,C
-13	61C40105-7	*4	. DECAL, Missile safety (TONE VOLUME)	1	B,C
-14	62B40220-9	*4	. DECAL, Missile safety (OFF)	1	B,C
-15	61C40105-13	*4	. DECAL, Missile safety (RH).	1	B,C
-16	61C40105-9	*4	. DECAL, Missile safety (LH and RH)	1	B,C
-17	62B40220-7	*4	. DECAL, Missile safety (ARM)	1	B,C
-18	62BH0220-5	*4	. DECAL, Missile safety (SAFE).	1	B,C
-19	62B40220-3	*4	. DECAL, Missile safety (MISSILE SAFETY).	1	B,C
-20	MS35058-23	*4	. SWITCH, (Missile safety).	1	B,C
-21	MS25224-1	*4	. GUARD	1	B,C
-22	AN3027-1	*4	. SWITCH, (RH, LH and RH)	1	B,C
-23	W1034BHRS4S	*4	. SWITCH, (safe launch) (Hetherington).	1	B,C
-24	AN3220-1	*4	. KNOB	1	B,C
-25	RV4SAYSD102B	*4	. RHEOSTAT, (signal volume control) (1000 ohm) (Spec MIL-R94B).	1	B,C

*1 Refer to T.O. 1F-86F-219.
*2 Refer to T.O. 1F-86F-539.
*3 Use AN3211-3 together with 187-54014 untl exh, when exh use MS25002-3 together with AN3220-3.
*4 Used on airplanes modified per T.O. 1F-86-593.

USEABLE ON CODE: A 52-5164 thru 52-5271, 53-1072 thru 53-1228
B 52-4955 thru 52-5163
C 52-5387 thru 52-5530
D 55-3816 and subs



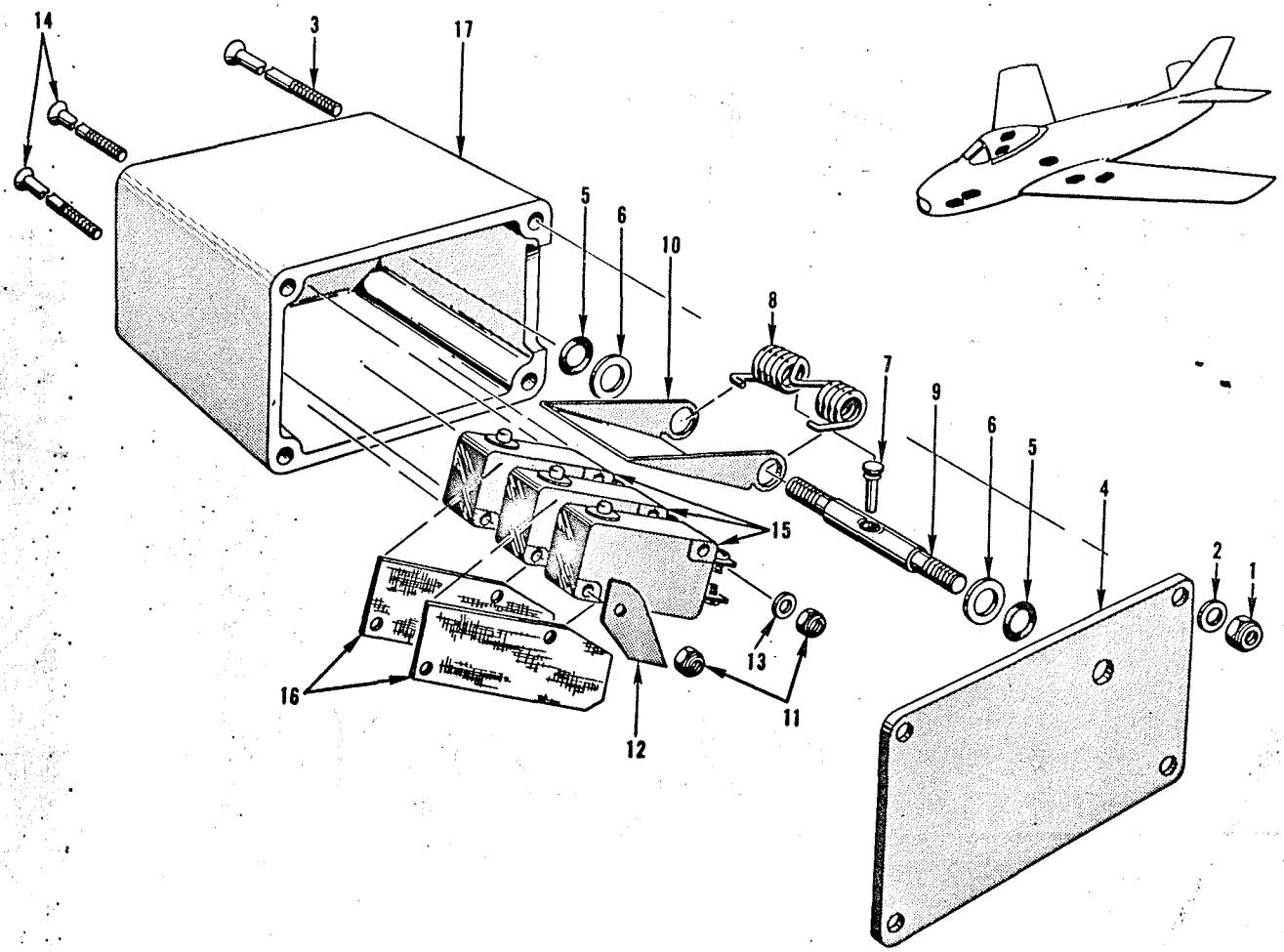
F-86F-4-31-36

FIGURE 290 - K17 ALTERNATE SOLENOID INSTALLATION

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
290	54FEH2063	*1	K17 Installation	NP	
	54FEJ1505		. Sliding Door Assy Mount, K17	Ref	
	54FEC1562		. . Solenoid Installation, Mount, K17, Alternate	1	
-1	54FEB1563		. . . Solenoid Modification, Mount, K17	1	
	137		. . . . Solenoid, (Meletron)	1	
-2	54FEC1564		. . . Lever, Solenoid, Sliding Door, Alternate	1	
-3	54FEB1565		. . . Bracket, (Micro-Switch)	1	
-4	54FEA1566		. . . Bracket, Solenoid, Front	1	
-5	54FEA1567		. . . Bracket, Solenoid, Rear	1	
-6	AN393-11		. . . Pin	1	
-7	AN960C10L		. . . Washer	1	
-8	AN381-2-7		. . . Pin	1	
-9	AN520-10-8		. . . Screw	3	
-10	AN365-1032		. . . Nut	3	
-11	AN515-6-18		. . . Screw	2	
-12	AN365-632		. . . Nut	2	
-13	AN960-6		. . . Washer	2	
-14	AN515-8-7		. . . Screw	2	

*1 Used on RF-86F-30 airplanes only

FUSELAGE ELECTRICAL (Cont)



170-54-2821A

FIGURE 291 - ELECTRICAL THREE UNIT LIMIT SWITCH ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
291	152-54201-30	SWITCH ASSEMBLY, Electrical three unit limit (see figures 93 and 292 for next assembly)	Ref	A,*1
	152-54201-60	SWITCH ASSEMBLY, Electrical three unit limit (see figure 401 for next assembly)	Ref	A
	152-54201-70	SWITCH ASSEMBLY, Electrical three unit limit (see figure 401 for next assembly)	Ref	A
-1	AN364-632	NUT	2	A
-2	AN960-6	WASHER	2	A
-3	AN507-632R32	SCREW	2	A
-4	152-54204	COVER, Electrical three unit limit switch	1	A
-5	AN6290-6	GASKET	2	A
-6	AN960A516L	WASHER	2	A
-7	151-54326	PIN, Electrical three unit limit switch	1	A
-8	151-54323	SPRING, Electrical three unit limit switch	1	A
-9	151-54325	SHAFT, Electrical three unit limit switch (used on -30 only)	1	A *1
	151-54325-3	SHAFT, Electrical three unit limit switch (used on -60 & -70. only)	1	A
-10	151-54324	ACTUATOR, Electrical three unit limit switch	1	A
-11	AN365-440	NUT	2	A
-12	165-54239	SPACER, Electrical three unit limit switch	1	A
-13	AN960-4L	WASHER	1	A
-14	AN507-440R24	SCREW	2	A
-15	AN3234-1	SWITCH (Main LG uplock and downlock switch)	3	A
-16	152-54208	SHIELD, Electrical three unit limit switch	2	A
-17	152-54203	BOX, Electrical three unit limit switch	1	A

*1 Not used on airplanes modified per T. O. 1F-86-120, see fig. 426

USEABLE ON CODE: A 51-2850 thru 51-2927

FUSELAGE ELECTRICAL (Cont)

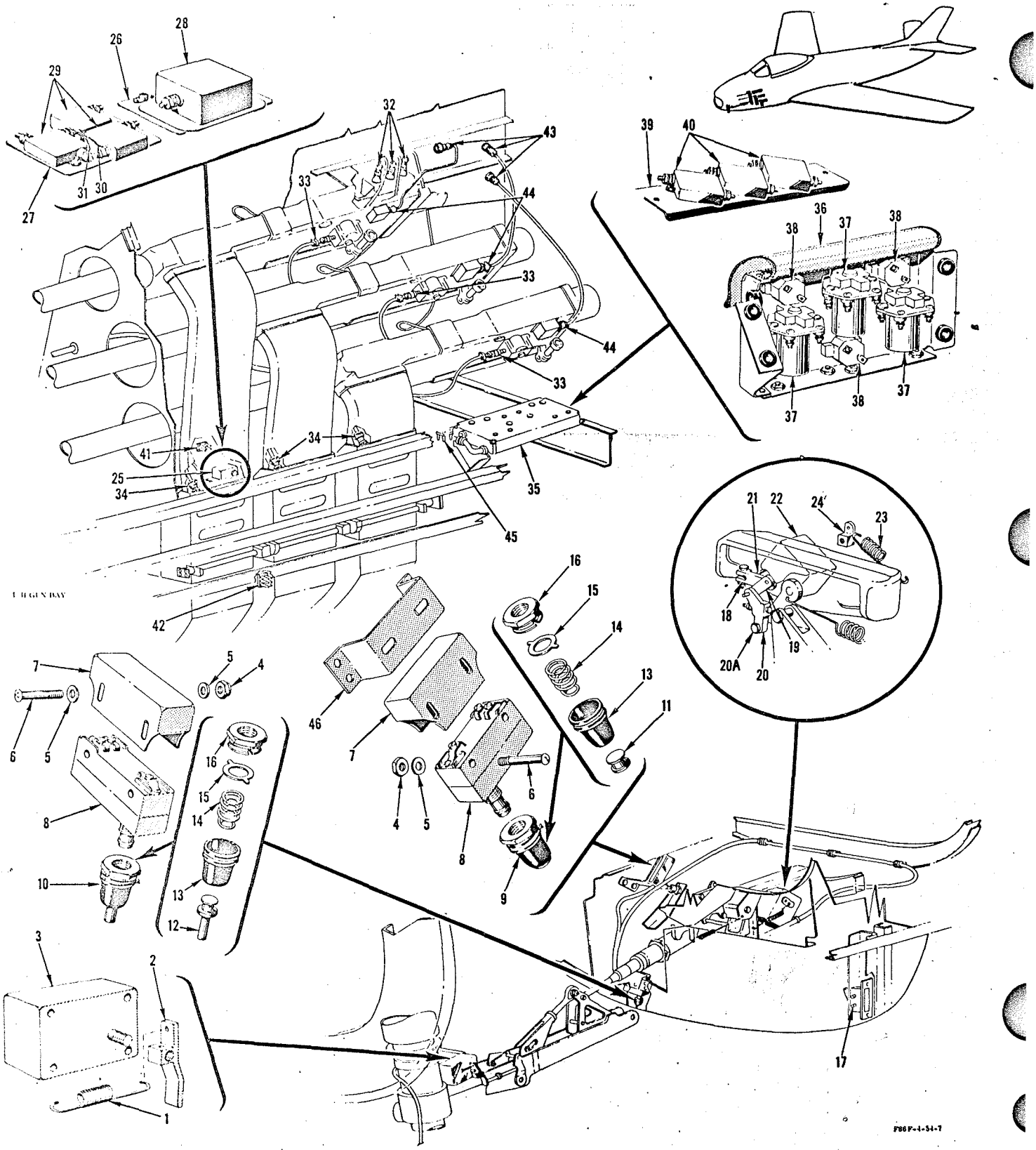


FIGURE 292 - NOSE GEAR STEERING AND GUNS ELECTRICAL EQUIPMENT

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
292	No Number		NOSE GEAR STEERING AND GUNS ELECTRICAL EQUIPMENT, (see figure 278 for next assembly)	NP	
-1	140-54194	*3	. SPRING, Gun port door solenoid retainer	1	A
-2	151-54221	*3	. ARM, Elec auxiliary LG downlock sequence switch	1	A
-3	152-54201-30	*3	. SWITCH ASSY, Elec three unit limit (see fig. 291 for breakdown) (nose gear downlock)	1	A
-4	AN365-632	*3	. NUT	4	A
-5	AN960-6L	*3	. WASHER	6	A
-6	AN515-6R18	*3	. SCREW	4	A
-7	8C4-3	*3	. COVER, Switch protector (North American)	2	A
-8	BZ7RQ1T	*3	. SWITCH, (nose wheel fairing door lock) (Micro Switch) (intrch wth Micro Switch BZ7YQ1T1)	2	A
-9	102-54257	*3	. SEAL ASSY, LG position indicator switch protector	1	A
-10	102-54257-2	*3	. SEAL ASSY, LG position indicator switch protector	1	A
-11	102-54258	*3	. . CAP, LG position indicator switch protector seal	1	A
-12	109-54259	*3	. . CAP, LG position indicator switch protector seal	1	A
-13	102-54261	*3	. . SLEEVE, LG position indicator switch protector	1	A
-14	102-54259	*3	. . SPRING, LG position indicator switch protector	1	A
-15	102-54265	*3	. . RETAINER, Switch protector seal spring	1	A
-16	102-54256	*3	. . NUT, LG position indicator switch protector	1	A
-17	140-54117	*3	. SWITCH ASSY, Position ind & control (nose wheel door open)	1	A
	AN3215-1	*3	. . SWITCH ASSEMBLY, (nose wheel door open)	1	A
	10-15045	*3	. . BOOT, (Micro Switch) (use 10-10102 unti exh)	1	A
	151-54230	*3	. BOX, Nose wheel door sequence switch	1	A
-18	151-54216	*3	. ARM ASSY, Auxiliary landing gear uplock switch	1	A
-19	151-54215	*3	. LINK ASSEMBLY, Auxiliary landing gear uplock switch	1	A
-20	151-54212	*3	. BELLCRANK, Auxiliary landing gear uplock switch	1	A
-20A	5B1-13	*3	. BOLT, (North American)	1	A
-21	151-54327-3	*3	. EXTENSION, Electrical LG sequence switch shaft	1	A
-22	152-54201-30	*3	. SWITCH ASSY, Elec three unit limit (see fig. 291 for breakdown) (nose gear downlock)	1	A
-23	140-54194-3	*3	. SPRING, Gun port door solenoid retainer	1	A
-24	151-54329	*3	. ARM, Elec aux LG sequence switch uplock return	1	A
-25	12270		. FILTER, (ammo booster motor filter) (Airesearch)	2	B,C
-26	172-54110-1		. PANEL ASSY, Elec radio noise filters LH (intrch wth 172-54110-3)	1	D
-27	172-54110-3		. PANEL ASSY, Elec radio noise filters LH (intrch wth 172-54110-1)	1	D
	172-54110-2		. PANEL ASSY, Elec radio noise filters RH (intrch wth 172-54110-4)	1	D
	172-54110-4		. PANEL ASSY, Elec radio noise filters RH (intrch wth 172-54110-2)	1	D
-28	12270		. . FILTER, (ammo booster)(Airesearch) (used on 172-54110-1 and -2 only)	1	D
-29	B115		. . FILTER, (ammo booster) (Potter) (used on 172-54110-3 and -4 only)	3	D
-30	1J1-2-2-5		. . JUMPER, Wire (North American)(used on 172-54110-3, -4 only)	2	D
-31	1J1-2-2-6		. . JUMPER, Wire (North American)(used on 172-54110-3, -4 only)	2	D
-32	AN3102A12S3S		. RECEPTACLE, (gun heater disconnect)	6	
-33	AN3101A14S2S	*1	. RECEPTACLE, (gun charger)	6	
	AN3057-6A	*1	. ADAPTER	6	
-34	AN3106B14S2S		. PLUG, (ammo booster motor plug)	4	K,Q
	AN3106B14S2S		. PLUG, (ammo booster motor plug)	6	J
	AN3057-6A		. ADAPTER	6	J
	AN3057-6A		. ADAPTER	4	K,Q
-35	161-54037-1		. BRACKET ASSY, Ammunition booster motors electrical circuit breakers and relays LH	1	B,F
	161-54037-4		. BRACKET ASSY, Ammunition booster motors elec circuit breakers and relay RH	1	C,G
	161-54037-6		. BRACKET ASSY, Ammunition booster motors elec circuit breakers and relay RH	1	D,H
-36	161-54039		. . COVER ASSY, Ammunition booster motors electrical circuit breakers and relays	1	B,F
-37	AN3350-1		. . RELAY, 50 amp spst (ammo booster)	3	B,F
-38	PDA35		. . CIRCUIT BREAKER, (ammo booster)(Spencer Thermostat)	3	B,F
-39	191-54110		. PANEL ASSY, Elec ammo boost motor filter (LH and RH)	2	E
-40	B115		. . Filter, (ammo booster) (Potter)	3	E
-41	AN3436-2-1		. TERMINAL BLOCK ASSEMBLY, (ammunition booster)	2	B,P
-42	AN3436-2-3		. TERMINAL BLOCK ASSEMBLY, (ammunition complete) (LH only)	1	F,R
	397-1		. COVER, (ammunition booster) (Henry Engineering)	2	
	397-3		. COVER, (ammunition complete) (Henry Engineering) (LH only)	1	F,R
	191-54138	*2	. HARNESS ASSY, Elec type G9 solenoid	6	
-43	AN3106B14S2P	*2	. . PLUG	1	
	AN3057-6A	*2	. . ADAPTER	1	
-44	AN3106B10S2S	*2	. . PLUG	1	
	AN3057-3A	*2	. . ADAPTER	1	
-45	AN3436-2-2		. TERMINAL BLOCK ASSEMBLY, (ammunition booster)	2	K,N,Q
	397-2		. COVER, (Henry Engineering)	2	K,N,Q
-46	151-54318		BRACKET, Elec aux LG door uplock indicator (see figure 135)	Ref	

*1 Parts marked thus not used on aircraft modified in accordance with T. O. 1F-86-221.
*2 Parts marked thus used on aircraft modified in accordance with T. O. 1F-86-221.
*3 Parts marked thus are not used on aircraft modified in accordance with T. O. 1F-86-120. See fig. 422, 426 and 429.

USEABLE ON CODE:

A	51-2850 thru 51-2927	E	52-4305 thru 52-5063, 52-5272 thru 52-5328	J	51-2850 thru 52-5063	P	52-4305 thru 52-5271
B	51-2850 thru 51-12976				52-5272 thru 52-5530		53-1072 and subs
C	51-13070 thru 51-13079	F	51-13070 thru 51-13510	K	52-5064 thru 52-5271, 53-1072 thru 53-1228	Q	55-3816 and subs
D	51-13080 thru 51-13510	G	51-2850 thru 51-2877			R	52-4305 thru 52-5013
		H	51-2878 thru 51-12976	N	52-5329 thru 52-5530		52-5272 thru 52-5328

FUSELAGE ELECTRICAL (Cont)

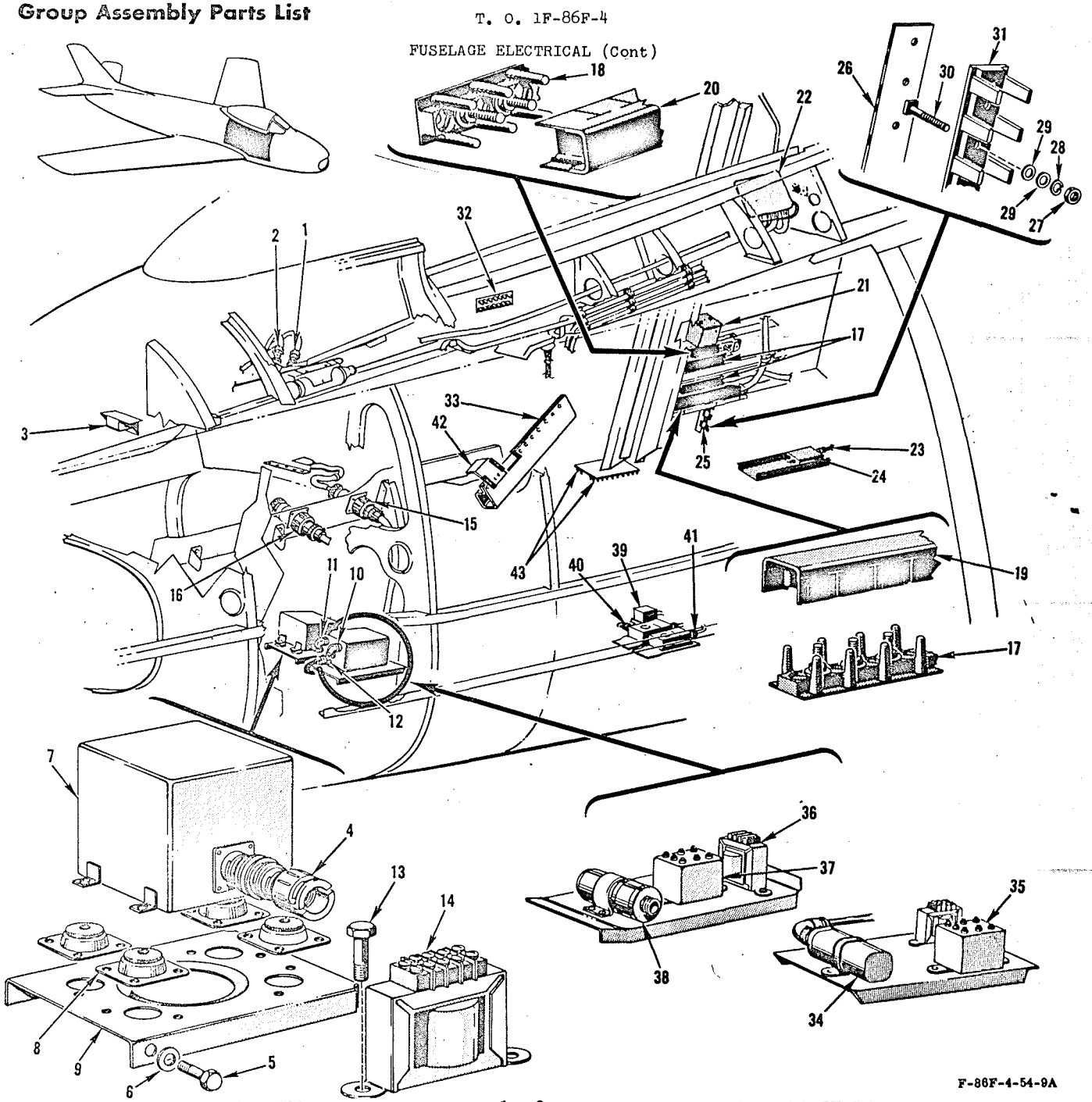


FIGURE 293 - FUSELAGE STATION 62.58 TO 131 ELECTRICAL EQUIPMENT LH SIDE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
293	No Number	FUSELAGE STATION 62.58 TO 131 ELECTRICAL EQUIPMENT LH SIDE, (see figure 278 for next assembly)	NP	
-1	AN3106A32-7P	. PLUG, (pedestal disconnect)	1	A
	AN3100A32-7S	. RECEPTACLE, (pedestal disconnect)	1	A
	AN3057-20A	. ADAPTER	2	A
	144-54071	. COVER ASSEMBLY, Electrical connector plug	1	A
-2	AN3106B28-11P	. PLUG, (pedestal disconnect)	1	A
	AN3100A28-11S	. RECEPTACLE, (pedestal disconnect)	1	A
	AN3057-16A	. ADAPTER	2	A
	144-54071	. COVER ASSEMBLY, Electrical connector plug	1	A
-3	CA275X	. CAPACITOR, (windshield heater) (Sprague)	1	B
	CP53B2EB405K	. FILTER, (windshield heater) (Spec JAN-C25)	1	C
-4	AN3106B16S8S	. PLUG, (position light flasher)	1	F,H,J
	AN3057-8A	. ADAPTER	1	F,H,J
	172-54024	. BRACKET ASSY, Electrical position light flasher	1	F,H
	191-54179	. BRACKET ASSY, Electrical flasher complete	1	J,U
	ATTACHING PARTS			
-5	AN3-3A	. BOLT	4	F,H
-6	AN960D10	. WASHER	4	F,H

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FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
293-7	MS24577-2	. . FLASHER	1	
-8	AN8008D21	. . INSULATOR	4	
-9	172-54023	. . BRACKET, Electric flasher mounting	1	F,H
	191-54181	. . BRACKET, Electric flasher mounting	1	J
-10	AN3106B14S5P	. PLUG, (fuel flow totalizer amplifier)	1	D
-11	AN3106B14S9S	. PLUG, (fuel flow totalizer amplifier)	1	D
	AN3054-6	. NUT	2	D
-12	AN3106A18-12P	. PLUG, (fuel flow totalizer amplifier)	1	D
	AN3054-10	. NUT	1	D
-13	AN3-5A	. BOLT	2	E
-14	C124	. TRANSFORMER, (fuel flowmeter power) (Frampton)	1	E
-15	AN3106B28-12S	. PLUG, (Flasher position disconnect)	1	
	AN3100C28-12P	. RECEPTACLE, (flasher position disconnect)	1	
	AN3057-16A	. ADAPTER	2	
	4G3-28	. GASKET, Pressure plug (North American)	1	
-16	AN3106B24-28S	. PLUG, (gun bay pressure)	1	
	AN3100M24-28P	. RECEPTACLE, (gun bay pressure)	1	N
	10-71024-28P	. RECEPTACLE, (gun bay pressure) (Bendix Aviation)	1	H,J
	AN3057-16A	. ADAPTER	1	
	AN3054-16	. NUT	1	
	4G3-24	. GASKET, Pressure plug (North American)	1	
-17	AN3436-2-12	. TERMINAL BLOCK ASSEMBLY	3	F,H
	AN3436-2-12	. TERMINAL BLOCK ASSEMBLY	2	J
	AN3436-2-8	. TERMINAL BLOCK ASSEMBLY	1	J
-18	AN3436-2-10	. TERMINAL BLOCK ASSEMBLY	1	F,H
	AN3436-2-14	. TERMINAL BLOCK ASSEMBLY	1	J
	AN3436-2-6	. TERMINAL BLOCK ASSEMBLY	1	J
-19	397-12	. COVER, (Henry Engineering)	3	F,H
	397-12	. COVER, (Henry Engineering)	2	J
	397-8	. COVER, (Henry Engineering)	1	J
-20	397-10	. COVER, (Henry Engineering)	1	F,H
	397-14	. COVER, (Henry Engineering)	1	J
	397-6	. COVER, (Henry Engineering)	1	J
-21	233-51A	. RELAY, (canopy seal) (Leach)	1	
	151-54428	. COVER ASSEMBLY, Relay	1	
	151-54427-3	. PLATE, Electrical inflatable canopy seal relay	1	
-22	YHS100S6	. TERMINAL BLOCK, (Burndy)	1	
	130-51066	. GASKET, Pressurized thermocouple panel	1	
	140-54222	. COVER, Fuselage sta 114 1/4 LH pressurized elec disconnect	1	
	172-54088-1	. SHIELD ASSY, Elec pressure disconnect LH	1	
	A3	. CLIP, (Burndy)	3	
	8-32NC3	. SCREW, (Standard Pressed Steel)	12	
-23	AN3106B12S3P	. PLUG, (heat and vent radio noise)	1	
	AN3057-4A	. ADAPTER	1	
-24	12288	. FILTER, (heat and vent radio noise) (Airesearch)	1	
-25	3T3-5-2	. TERMINAL BLOCK ASSEMBLY, (gun bay LH) (North American)	1	N
-26	AN3437-3-3	. STRIP	1	J
-27	AN341-416	. NUT	2	J
-28	AN935-416	. WASHER	2	J
-29	2W1-16-18-78	. WASHER, Plain (North American)	4	J
-30	AN3432-428-20	. STUD	2	J
-31	3T2-2	. TERMINAL BLOCK, (North American)	1	J
-32	AN3436-2-6	. TERMINAL BLOCK ASSEMBLY, (windshield heater switch)	1	F
	397-6	. COVER, (Henry Engineering)	1	F
-33	172-54082	. CONDUIT, Electric wire fuselage station 84.5	1	F,P
	191-54082	. CONDUIT, Electric fus sta 84.5 wire	1	R
-34	52C522-1	. CONTROL BOX, (P2 camera temp control) (Vapor Heating) (use 52C522 untl exh)	1	F,T,K,*1
	AN3106B16S1S	. PLUG, (P2 camera temperature control box)	1	G
	AN3057-8A	. ADAPTER	1	G
-35	237EAU	. RELAY, (P2 camera door control) (Leach)	1	F,T,K,*1
	191-54183	. PANEL ASSY, Elec relay fus sta 53.5 to 62.625 complete	1	J
-36	C124	. . TRANSFORMER, (fuel flowmeter power) (Frampton)	1	F,T,K,*1
-37	237EAU	. . RELAY, (P2 camera door control) (Leach)	1	F,T,K,*1
-38	52C522-1	. . CONTROL BOX, (P2 camera temp control)(Vapor Heating) (use 52C522 untl exh)	1	F,T,K,*1
-39	CYZR275	. FILTER, (P2 camera door actuator) (Barber-Colman)	1	F,T,K,*1
	AN3100A14S2S	. RECEPTACLE, (P2 camera door actuator)	1	G
-40	AN3101A14S5S	. RECEPTACLE, (P2 camera)	1	G
	AN3057-6A	. ADAPTER	2	G
	025-497-00	. COVER, (Cannon Elec)	1	G
-41	AN3100A16S1S	. RECEPTACLE, (P2 camera)	1	G
	AN3057-8A	. ADAPTER	1	G
	025-498-00	. COVER, (Cannon Elec)	1	G
-42	191-54047	. GUARD ASSY, Elec throttle quadrant	1	M
	191-54124	. PANEL ASSY, Elec cockpit terminal block mounting	1	J
-43	AN3436-2-10	. . TERMINAL BLOCK ASSEMBLY, (cockpit elec)	2	J

Used on airplanes noted when reworked per T. O. 1F-86-523

USEABLE ON CODE:

A 51-2850 thru 51-2943
B 51-2850 thru 51-12976, 51-13070 thru 51-13510, 52-5272 and subs
C 52-4305 thru 52-5063
D 51-13070 thru 51-13109
E 51-13110 and subs
F 51-2850 thru 51-12976, 51-13070 thru 51-13510
G 52-4905 thru 52-5271, 52-5387 and subs
H 52-4305 thru 52-5163, 52-5272 thru 52-5530
J 52-5164 thru 52-5271, 53-1072 thru 53-1228
K 52-4905 thru 52-5294
M 51-13398 thru 51-13510,
M 52-4605 and subs
N 51-2850 thru 52-5163
P 52-4305 thru 52-4854
R 52-4855 and subs
T 52-4305 thru 52-4704, 52-5387 and subs
U 55-3816 and subs

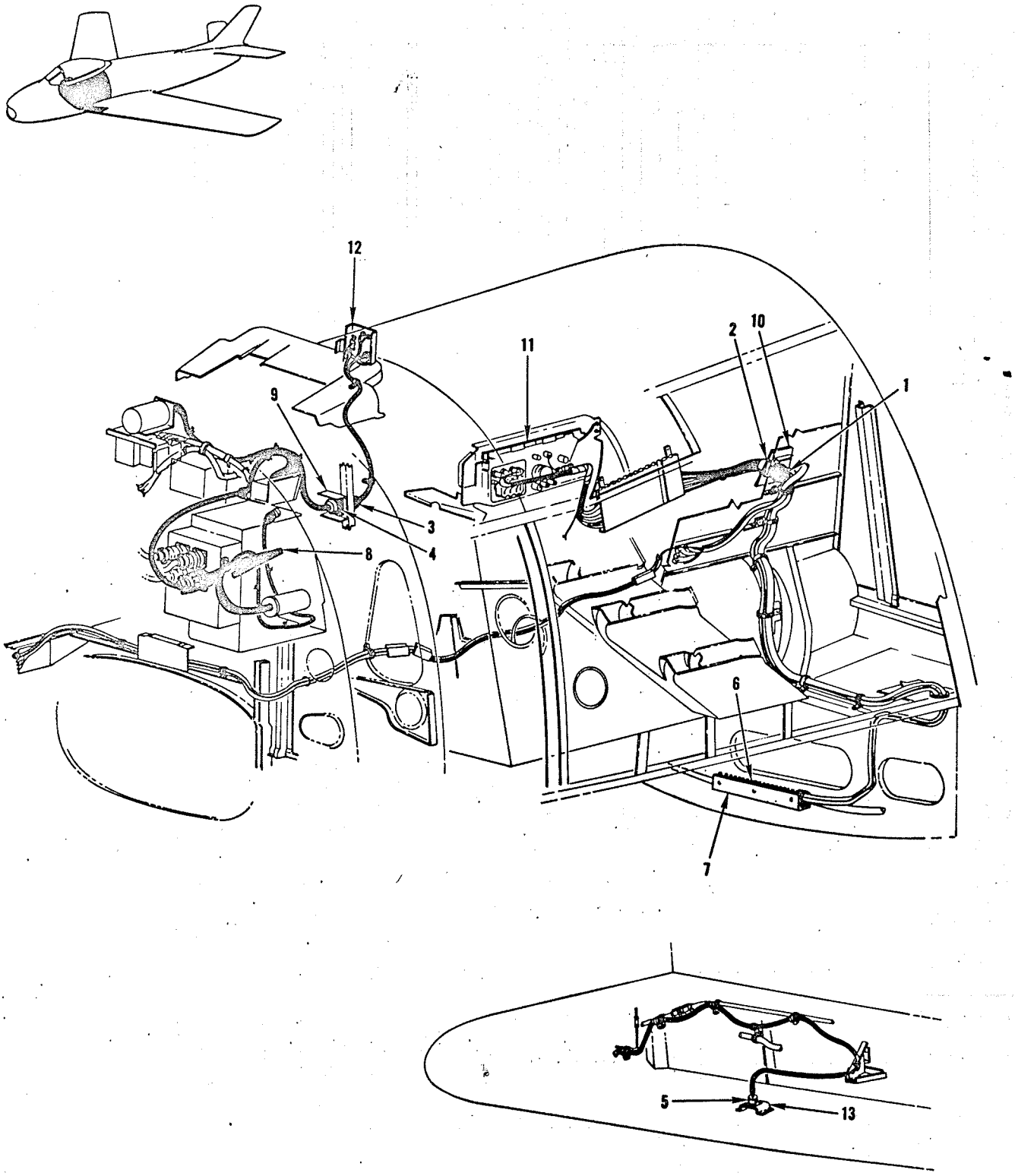

FIGURE 293A - GAR-8 SIDEWINDER MISSILE FUSELAGE ELECTRICAL CONNECTORS (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
293A			GAR-8 SIDEWINDER MISSILE FUSELAGE ELECTRICAL CONNECTORS (MOD)		
	202-540001	*1	. ELECTRICAL EQUIP. INSTL, GAR-8 sidewinder missile (Mod) . . . (see fig. 108 for next assy)	NP	A
	202-540002-71		. . HARNESS ASSY, GAR-8 sidewinder	1	A
-1	MS25183-22-14P		. . . PLUG, (LH sta 117 press. disconnect)	1	A
	202-540002-61		. . HARNESS ASSY, GAR-8 sidewinder	1	A
-2	MS3102A22-14S		. . . RECEPTACLE, (LH sta 117 press. disconnect)	1	A
	202-540002-51		. . HARNESS ASSY, GAR-8 sidewinder	1	A
-3	MS25183-20-29P		. . . PLUG, (shroud disconnect)	1	A
	202-540002-41		. . HARNESS ASSY, GAR-8 sidewinder	1	A
-4	MS3102A20-29S		. . . RECEPTACLE, (shroud disconnect)	1	A
	202-540002-91		. . HARNESS ASSY, GAR-8 sidewinder (LH)	1	A
	202-540002-81		. . HARNESS ASSY, GAR-8 sidewinder (RH)	1	A
-5	MS3102A20-27S		. . . RECEPTACLE, (wing to pylon disconnect) (LH)	1	A
	MS3102A20-21S		. . . RECEPTACLE, (wing to pylon disconnect) (RH)	1	A
-6	AN3436-1-18		. . TERMINAL BLOCK ASSY, (sta 125.75)	1	A
	397-18		. . COVER, (Henry Engineering)	1	A
-7	191-54017-11		. . ANGLE ASSY, Elec terminal strip attaching	1	A
-8	AN3436-1-12		. . TERMINAL BLOCK ASSY, (pedestal)	1	A
	397-12		. . COVER, (Henry Engineering)	1	A
-9	202-540015		. . BRACKET, Elec disconnect cockpit enclosure frame LH Fus sta 62.5 . . .	1	A
-10	202-540008		. . DOUBLER, Elec disconnect cockpit press. web, LH fus sta 109 3/16 . . .	1	A
-11	202-540006		PANEL, Fuse and circuit breaker, GAR-8 sidewinder missile, assy of (see fig. 321) . . .	Ref	
-12	202-540004		PANEL, Elec control GAR-8 sidewinder missile shroud, assy of (see fig. 321A)	Ref	
-13	202-914044-9		BRACKET, WOP GAR-8 sidewinder missile elec (see fig. 19A) . . .	Ref	

*1 Used on airplanes coded A modified per T. O. 1F-86F-533.

USEABLE ON CODE: A 51-13170 thru 51-13510,
52-5272 thru 52-5521,
52-5523 thru 52-5530,
52-4305 thru 52-5015,
52-5017 thru 52-5163

FUSELAGE ELECTRICAL (Cont)

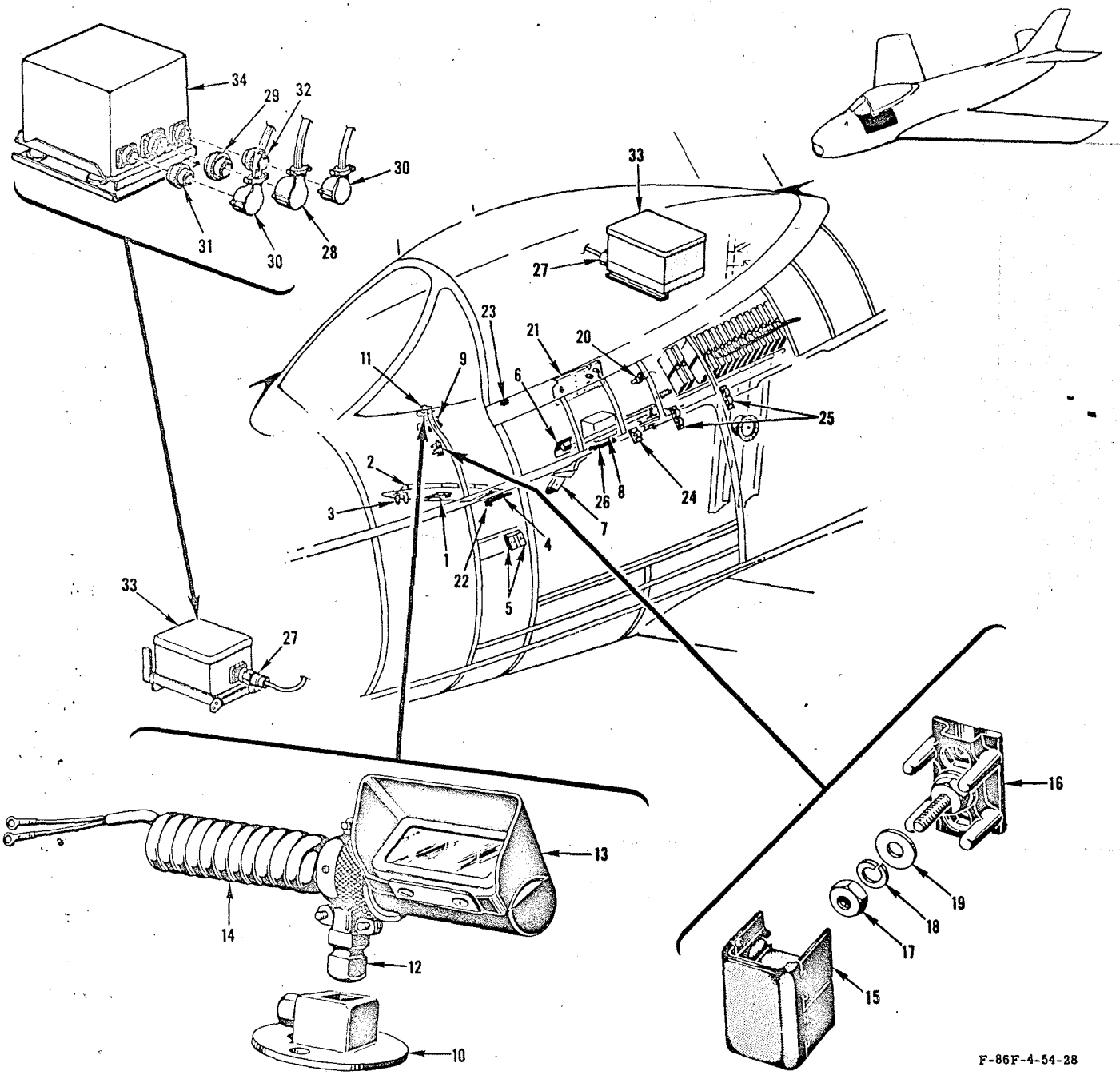

FIGURE 294 - PILOT'S COMPARTMENT ELECTRICAL EQUIPMENT LH SIDE STATION 53.5 TO STATION 104

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
294	No Number	PILOT'S COMPARTMENT ELECTRICAL EQUIPMENT LH SIDE STA 53.5 TO STATION 104, (see figure 278 for next assembly)	NP	
-1	172-54028-20	. PANEL ASSY, Electrical LH forward console complete (see figure 300 for breakdown)	1	A
	172-54028-30	. PANEL ASSY, Electrical LH forward console complete (see figure 300 for breakdown)	1	B
	191-54028	. PANEL ASSY, Electrical LH forward console complete (see figure 300 for breakdown)	1	N
		ATTACHING PARTS		
-2	AN520-10R8	. SCREW	8	
	AN960D10L	. WASHER	8	
		---*---		
	327	. LAMP, (General Electric)	3	C
	AN3140-327	. LAMP	3	T
-3	AN3106B10SL3S	. PLUG, (landing gear position indicator)	3	

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
294	AN3054-4		.	NUT	3	
-4	151-54296-20	*1	.	PANEL ASSY, Elec console LH sta 78 15/16 to sta 84 3/16 complete (see fig. 286 for breakdown)	1	C
	172-54296	*2	.	PANEL ASSY, Elec fus sta 78 15/16 to sta 84 11/16 LH console complete (see fig. 288 for breakdown)	1	C
	176-54296		.	PANEL ASSY, Elec fus sta 78 15/16 to sta 84 3/16 LH console (see figure 287 for breakdown)	1	E
	176-54296-10		.	PANEL ASSY, Elec fus sta 78 15/16 to sta 84 3/16 LH console (see figure 287 for breakdown)	1	F,K
	191-54296		.	PANEL ASSY, Elec fus sta 78 15/16 to sta 84 11/16 LH console complete (see fig. 289 for breakdown)	1	M
	191-54296-10		.	PANEL ASSY, Elec fus sta 78 15/16 to sta 84 11/16 LH console complete (see fig. 289 for breakdown)	1	P
	191-54296-20		.	PANEL ASSY, Elec fus sta 78 15/16 to sta 84 11/16 LH console complete (see fig. 289 for breakdown)	1	V
	191-54296-30		.	PANEL ASSY, Elec fus sta 78 15/16 to sta 84 11/16 LH console complete (see fig. 289 for breakdown)	1	W
-5	140-54117-20	*3	.	SWITCH ASSY, Position indicator and control	2	
	BZ3YST		.	. SWITCH, (Micro Switch) (intrch wth AN3215-1)	1	
	10-15045		.	. BOOT, (Micro Switch) (use 10-10102 untl exh)	1	
	159-48167		.	INSULATOR, Fuel selector valve control micro switch	1	
-6	AN3021-5		.	SWITCH, (emergency fuel system)	1	G
	161-54102		.	BRACKET, Electrical emergency fuel system	1	G
-7	BZ3YDT		.	SWITCH, (inflatable canopy seal emergency dump switch) Micro Switch)	1	
	8C4-3		.	COVER, Switch protector (North American)	1	
-8	151-54007-31		.	CONTROL ASSY, Elec release (altered from type A3 (AERNO 52-2856) (Spec MIL-C7050 (GFAE) rocket intervalometer control) (use 151-54007-20 untl exh)	1	
	191-54077-10		.	INSULATOR, Elec rocket release control	1	R,S
	191-54086		.	SUPPORT, Type A3 electric intervalometer	1	R,S
	191-54086-11		.	SUPPORT, Type A3 electric intervalometer	1	W
-9	AN3022-6		.	SWITCH, (canopy control)	1	
	AN3225-1		.	GUARD	1	
-10	1028-4		.	BASE ASSY, Cockpit lamp type (Soderburg)	1	
-11	172-54086-1		.	LIGHT ASSY, Elec primary instrument flood (left side)	1	X
	172-54086-11		.	LIGHT ASSY, Elec primary instrument flood (left side)	1	W
-12	A4902		.	. POST AND BRACKET ASSY, Instrument light (Grimes)	1	
-13	A4255A5		.	. LIGHT ASSY, Instrument red (Grimes)	1	
-14	172-54086-7		.	. CORD, Elec primary inst flood light extension (altered from 8001 (Whitney-Blake)	1	
	AN3131-303		.	LAMP, (instrument flood lights)	1	
-15	397-1		.	COVER, (Henry Engineering)	1	
-16	AN3436-2-1		.	TERMINAL BLOCK ASSY, (auxiliary instrument light)	1	
-17	AN341-6		.	NUT	1	
-18	AN936A6B		.	WASHER	1	
-19	AN961-6		.	WASHER	1	
-20	AN3157-4		.	LIGHT ASSY, (windshield anti-ice overheat warning light)	1	
	AN3121-313		.	LAMP	1	
-21	176-54032		.	PANEL ASSY, Elec LH fus sta 80.97 to 95.75 complete (see fig. 283 for breakdown and attaching parts)	1	H
	176-54032-11		.	PANEL ASSY, Elec LH fus sta 80.97 to 95.75 complete (see fig. 283 for breakdown and attaching parts)	1	J
-22	AN3436-2-1		.	TERMINAL BLOCK ASSY, (landing gear position indicator)	1	D
	AN341-6		.	NUT	1	D
	AN936A6B		.	WASHER	1	D
	AN961-6		.	WASHER	1	D
	397-1		.	COVER, (Henry Engineering)	1	D
-23	1028-4		.	BASE ASSY, Cockpit lamp type C4 and C5 (Soderburg)	1	
-24	5C8-11		.	CLAMP, Elec wire harness (use 161-54040-3 untl exh)	2	
-25	5C8-13		.	CLAMP, Elec wire harness (use 161-54040 untl exh)	1	
-26	151-54190		.	SHIELD, Electrical projector release wire	1	
-27	AN3106B20-27S		.	PLUG, (Gyro compass amplifier)	1	Z,*4
	AN3054-12		.	NUT	1	Z,*4
-28	K08-21 5/8		.	ADAPTER, (Canon)	1	Y
-29	K03-21-30PN		.	NUT, Coupling (Canon)	1	Y
-30	K08-16 3/8		.	ADAPTER, (Canon)	2	Y
-31	K03-16-10PN		.	NUT, Coupling (Canon)	1	Y
-32	K03-16-10SN		.	NUT, Coupling (Canon)	1	Y
-33	No Number			AMPLIFIER, Compass type A2 (Spec MIL-A6589A) (GFAE) (see fig.179)	Ref	
-34	No Number			AMPLIFIER, Compass type J4 (Spec MIL-C8412) (GFAE) (see fig.179)	Ref	

*1 Not used on aircraft modified in accordance with T. O. 1F-86F-126. See fig. 288.
*2 Used on aircraft modified in accordance with T. O. 1F-86F-126. See fig. 288.
*3 Not used on aircraft modified in accordance with T. O. 1F-86-120.
*4 Also used on airplanes 52-5164 thru 52-5271 and 53-1072 thru 53-1171 modified per T. O. 1F-86F-212.

USEABLE ON CODE:

A 51-2850 thru 51-13510, 52-5272 thru 52-5386, 52-4505 thru 52-4954
B 52-4305 thru 52-4504
C 51-2850 thru 51-12976
D 51-13070 and subs
E 51-13070 thru 51-13109
F 51-13110 thru 52-4954
G 51-2850 thru 51-12976, 51-13070 thru 51-13089
H 51-13170 thru 51-13283, 52-4305 thru 52-4454
J 51-13284 thru 51-13510, 52-4455 thru 52-5163, 52-5272 thru 52-5530
K 52-5272 thru 52-5386
M 52-5164 thru 52-5271, 53-1072 and subs
N 52-4955 thru 52-5271, 53-1072 and subs
P 52-4955 thru 52-5163
R 52-5164 thru 52-5272, 53-1072 thru 53-1228
S 52-5387 thru 52-5530
T 51-13070 thru 52-4954, 52-5272 thru 52-5386
V 52-5387 thru 52-5530
W 55-3816 and subs
X 51-2850 thru 53-1228
Y 55-4983 and subs
Z 51-2850 thru 52-5163, 52-5272 thru 52-5530, 53-1172 thru 55-4030

FUSELAGE ELECTRICAL (Cont)

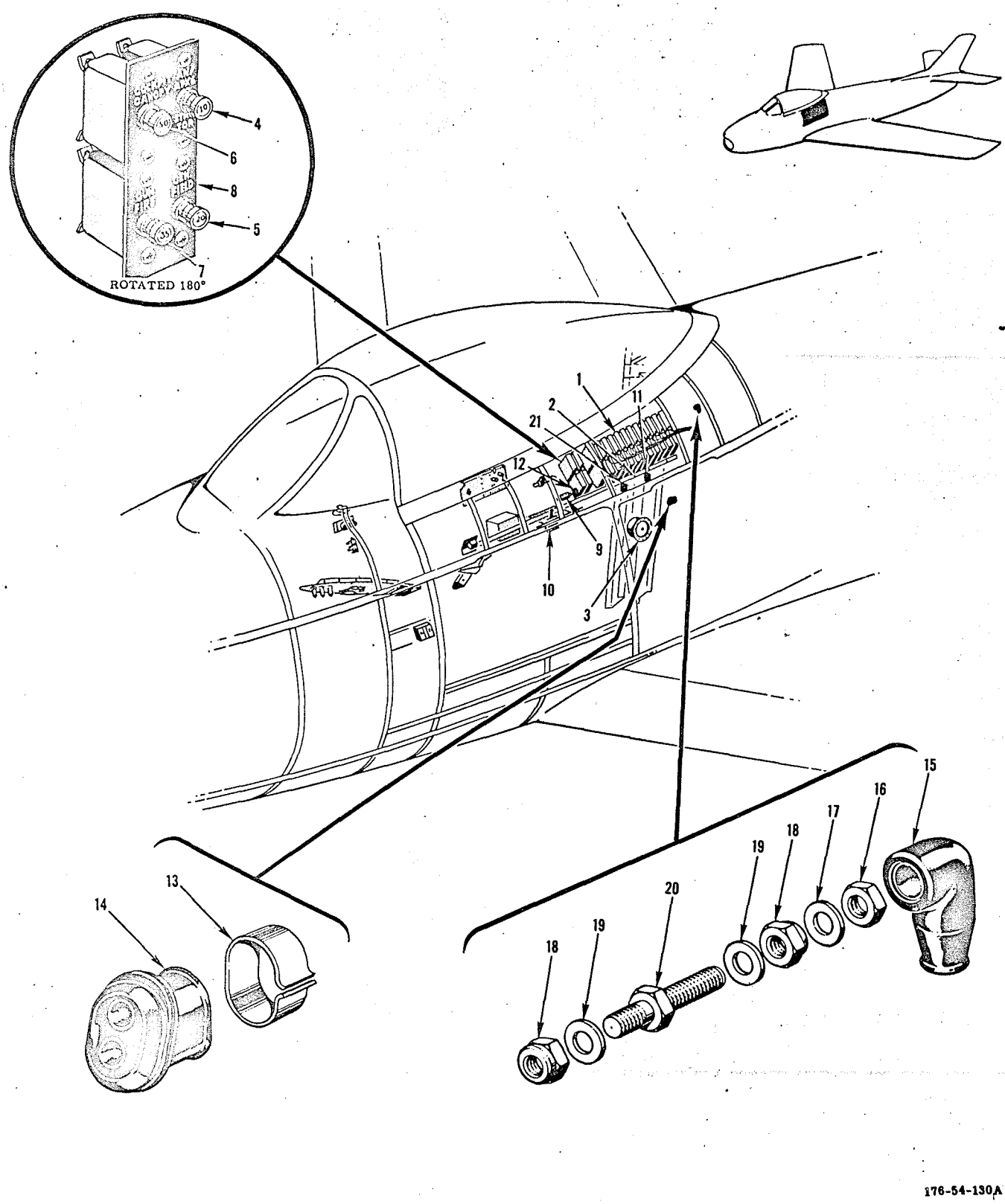

FIGURE 295 - PILOT'S COMPARTMENT ELECTRICAL EQUIPMENT LH SIDE STATION 105 TO 131

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
295	No Number		PILOT'S COMPARTMENT ELECTRICAL EQUIPMENT LH SIDE STA 105 to 131, (see figure 278 for next assembly)	NP	
-1	170-54068-30		. PANEL ASSEMBLY, Elec circuit breaker aft LH complete (see figure 302 for breakdown)	1	A
	170-54068-40		. PANEL ASSEMBLY, Elec circuit breaker aft LH complete (see figure 302 for breakdown)	1	B
	170-54068-50		. PANEL ASSEMBLY, Elec circuit breaker aft LH complete (see figure 302 for breakdown)	1	C
	170-54068-70		. PANEL ASSEMBLY, Elec circuit breaker aft LH complete (see figure 302 for breakdown)	1	D
	170-54068-80		. PANEL ASSEMBLY, Elec circuit breaker aft LH complete (see figure 302 for breakdown)	1	E
	170-54068-90		. PANEL ASSEMBLY, Elec circuit breaker aft LH complete (see figure 302 for breakdown)	1	P
	170-54068-101		. PANEL ASSEMBLY, Elec circuit breaker aft LH complete (see figure 302 for breakdown)	1	W
	ATTACHING PARTS				
-2	AN515-8R7		. SCREW	4	
	AN500A6-7		. SCREW	1	
	AN500A8-7		. SCREW	1	
	---*---				
-3	AN5776-1	*3	. HORN, Type M1 (LG warning) (Spec MIL S6904A)	1	
	170-54095		. PLATE, Alighting gear type J2 warning signal mounting	1	
-4	AN3161P10	*4	. CIRCUIT BREAKER, (APX6 destructor)	1	
-5	AN3161P20	*4	. CIRCUIT BREAKER, (general field)	1	F
-6	AN3161P35	*4	. CIRCUIT BREAKER, (cockpit canopy)	1	
-7	AN3161P15	*1,*4.	CIRCUIT BREAKER, (gunfire)	11	V
	AN3161P15-35	*2,*4.	CIRCUIT BREAKER, (gunfire)	1	
-8	170-54080		. NAMEPLATE, Electrical circuit breaker forward LH	1	F
	170-54080-20		. NAMEPLATE, Electrical circuit breaker forward LH	1	G
	170-54080-10		. NAMEPLATE, Electrical circuit breaker forward LH	1	H
-9	AN3034-1		. LIGHT ASSEMBLY, (LH console flood)	1	J
	AN3121R313		. LAMP	1	J
-10	No Number		. LH SIDE ELEC CONSOLE PANEL AND COCKPIT AIR SELECTOR, (see figure 296 for breakdown)	NP	
	327		. LAMP, (General Electric)	4	K
	AN3140-327		. LAMP	4	M
-11	AN3436-2-1		. TERMINAL BLOCK ASSEMBLY, (cockpit utility)	1	K,S
	AN341-6		. NUT	1	K,S
	AN936A6B		. WASHER	1	K,S
	AN961-6		. WASHER	1	K,S
	397-1		. COVER, (Henry Engineering)	1	K,S
-12	AN3436-2-4		. TERMINAL BLOCK ASSEMBLY, (ammo heater valve)	1	R
	AN341-6		. NUT	4	R
	AN936A6B		. WASHER	4	R
	AN961-6		. WASHER	4	R
	397-4		. COVER, (Henry Engineering)	1	R
-13	151-58134		. CLIP, Hydraulic flap valve cable pressure seal	1	
-14	151-58133		. SEAL, Hydraulic flap valve cable pressure	1	
-15	AN781-3		. NIPPLE	1	
-16	AN341-616		. NUT	1	
-17	2W1P25-28-125		. WASHER, Plain (North American)	1	
-18	AN364B624		. NUT	2	
-19	AN960D616		. WASHER	2	
-20	151-54037-3		. TERMINAL, Electrical pressurized	1	L
	151-54037-7		. TERMINAL, Electrical pressurized	1	N
-21	10245-1		. LAMP ASSY, Cockpit type C4A 24 volt DC (Spec 32294C) (Soderburg)	1	K,S

*1 Not used on aircraft modified in accordance with T. O. 1F-86-221.
*2 Refer to T. O. 1F-86-221.
*3 Intrch with type J2 Edwards 318 (Spec 32462) or Electric Service 78560 (Spec MIL-S6904A).
*4 AN3161P( ) circuit breakers are intrch with MS24506( ) of the same dash number.

USEABLE ON CODE:
A 51-2850 thru 51-2877
B 51-2878 thru 51-2927
C 51-2928 thru 51-2943
D 51-12936 thru 51-12976, 51-13070 thru 51-13169
E 51-13170 thru 51-13397, 52-4305 thru 52-4504
F 51-2850 thru 51-2927
G 51-2928 thru 51-12976, 51-13080 thru 51-13169
H 51-13070 thru 51-13079, 51-13170 and subs
J 51-2850 thru 51-12976, 51-13070 thru 51-13510, 52-5272 and subs
K 51-2850 thru 51-12976
L 51-2850 thru 53-1228
M 51-13070 and subs
N 55-3816 and subs
P 51-13398 thru 51-13510, 52-4505 thru 55-4030
R 52-4305 thru 52-5271
S 51-13080 and subs
V 52-4964 thru 52-5271, 52-5396 and subs
W 55-4983 and subs

FUSELAGE ELECTRICAL (Cont)

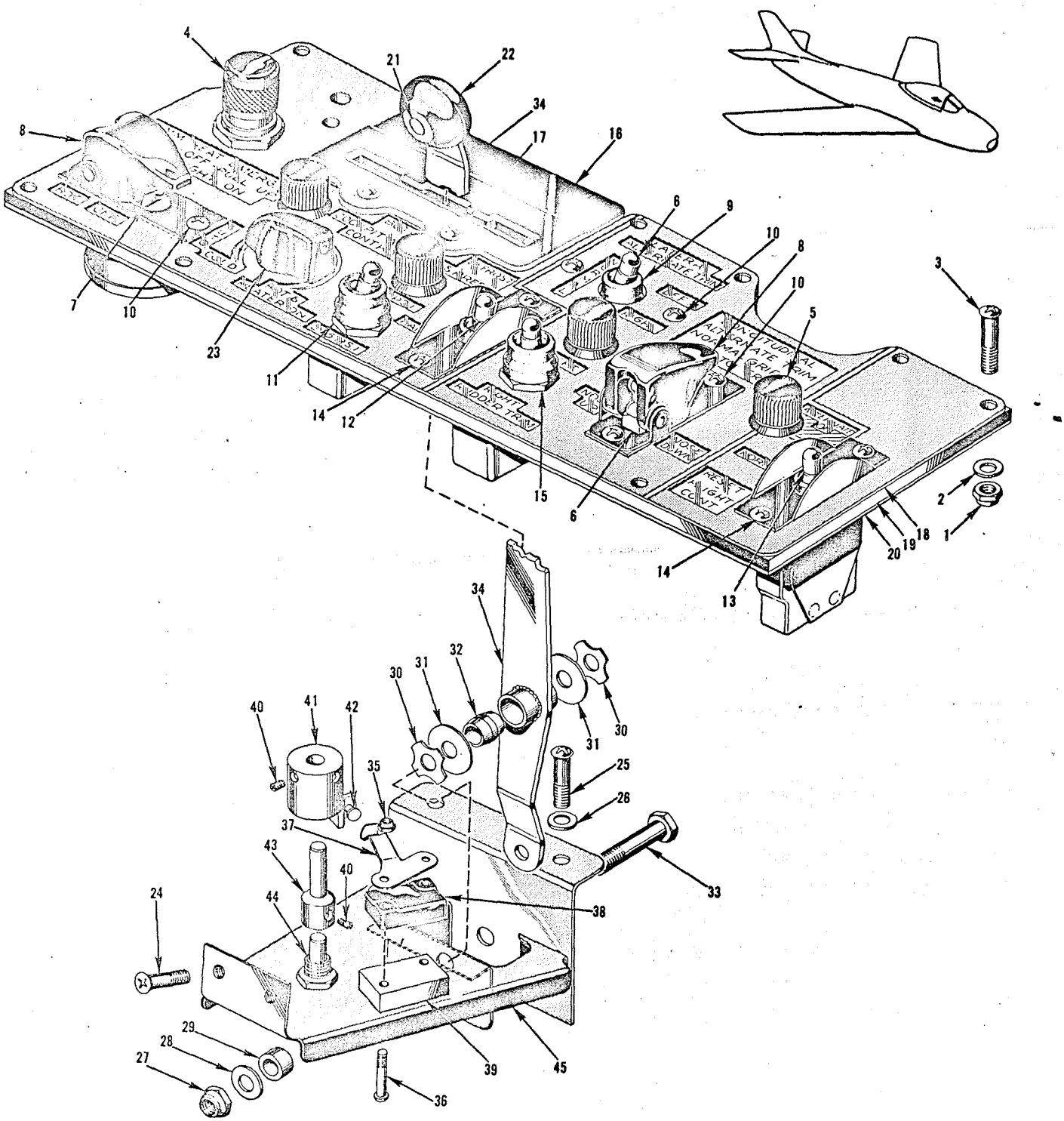

FIGURE 296 - LH SIDE ELECTRICAL CONSOLE PANEL AND COCKPIT AIR SELECTOR

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
296	No Number	LH SIDE ELECTRICAL CONSOLE PANEL AND COCKPIT AIR SELECTOR . . . (see figure 295 for next assembly)	NP	
	172-54065	. PANEL ASSY, Electrical console forward LH side	1	C,D
	172-54065-20	. PANEL ASSY, Electrical console forward LH side	1	E
	172-54065-30	. PANEL ASSY, Electrical console forward LH side	1	F
	ATTACHING PARTS			
-1	AN365-832	. NUT	9	
-2	AN960D8L	. WASHER	11	
-3	AN515-8R10	. SCREW	11	

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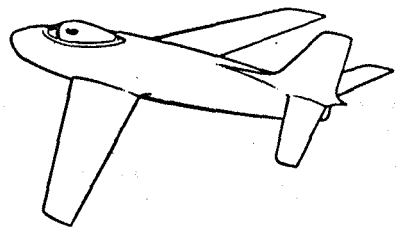
FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
296-4	AN3157-2		.	.					LIGHT ASSY, (ammunition heat emergency shut-off)	1	C,D
	AN3121-313		.	.					LAMP	1	C,D
-5	MS25010-2		.	.					LIGHT ASSEMBLY	4	
-6	45A7400-1		.	.					SWITCH ASSY, Single pole flush mtg four position (lateral alternate trim and longitudinal alternate trim normal grip control and auto-trim) (intrch wth Cutler-Hammer 8749K11)	2	
-7	45A7400-2		.	.					SWITCH ASSY, Single pole flush mtg four position (intrch wth Cutler-Hammer 8747K3)	1	
-8	CH8916K703		.	.					GUARD, Single pole flush mounting four position switch (Cutler-Hammer) (intrch with lamco 5)	2	
-9	AN3224-2		.	.					BOOT	1	
-10	AN515-6R10		.	.					SCREW	6	
-11	AN3021-2		.	.					SWITCH, (2.75 psi) (cockpit pressure regulator)	1	
	AN3223-1		.	.					BOOT	1	
-12	AN3227-3		.	.					SWITCH, (ram pressure selector)	1	
-13	1AT5		.	.					SWITCH ASSY, (reset power control) (Micro Switch)	1	
	1J1-1-1-3		.	.					JUMPER, Wire (North American)	1	
	2B2B6		.	.					BAR, Bus (North American)	1	
	165-54251		.	.					GUARD, Elec cockpit air switch (altered from AN3225-1)	2	
	AN3224-2		.	.					BOOT	2	
-14	AN515-6R10		.	.					SCREW	4	
-15	AN3027-7		.	.					SWITCH, (right rudder trim)	1	
	AN3223-1		.	.					BOOT	1	
-16	172-54061		.	.					GUIDE ASSY, Elec cockpit temperature control handle	1	
-17	AN515-8R10		.	.					SCREW	2	
	AN960D8L		.	.					WASHER	2	
	AN365-832		.	.					NUT	2	
-18	172-54064		.	.					SHIELD, Electrical console forward LH panel	1	C,D
	172-54064-20		.	.					SHIELD, Electrical console forward LH panel	1	E
	172-54064-30		.	.					SHIELD, Electrical console forward LH panel	1	F
-19	172-54063		.	.					REFRACTOR, Electrical console forward LH	1	C,D
	172-54063-20		.	.					REFRACTOR, Electrical console forward LH	1	E
	172-54063-30		.	.					REFRACTOR, Electrical console forward LH	1	F
-20	172-54062		.	.					BASE, Electrical console forward LH side	1	C,D
	191-54200		.	.					BASE ASSY, Elec console forward LH side	1	E
	172-54062-20		.	.	.				BASE, Electrical console forward LH side	1	E
	172-54062-30		.	.	.				BASE, Electrical console forward LH side	1	F
-21	AN507-1032-8		.						SCREW	1	
	AN960-10L		.						WASHER	1	
-22	NAS123B125		.						KNOB, Control 1 inch dia. x 5/8 oval plastic	1	A
	1K6		.						KNOB, Control (North American)	1	B
-23	AN3022-2		.						KNOB	1	
	172-54058-5		.						MOUNTING ASSY, Elec cockpit air sel and temp control (whn exh use 172-54058-7)	1	
	172-54058-7		.						MOUNTING ASSY, Elec cockpit air sel and temp control (use 172-54058-5 untl exh)	1	
	ATTACHING PARTS										
-24	AN507-832R5		.						SCREW	2	
-25	AN515-8R10		.						SCREW	2	
-26	AN960D8L		.						WASHER	2	
	---*---										
-27	AN365-428		.	.					NUT	1	
-28	2W18-416L		.	.					WASHER, Plain (North American)	1	
-29	NAS43DD4-8		.	.					SPACER, Bolt	1	
-30	146-43034		.	.					SPRING, Friction	2	
-31	2W1AL17-27-40		.	.					WASHER, Plain (North American)	2	
-32	151-53686-1		.	.					BUSHING, Tilt action alighting	1	
-33	AN4-14A		.	.					BOLT	1	
-34	172-54056		.	.					ARM ASSEMBLY, Electrical cockpit air selector	1	
-35	AN365-440		.	.					NUT	2	*1
-36	AN515-4R16		.	.					SCREW	2	*1
-37	172-54031		.	.					SPRING, Elec cockpit air temp control lock	1	*1
-38	AN3234-1		.	.					SWITCH ASSEMBLY, (cockpit heater)	1	*1
-39	172-54055		.	.					SPACER, Elec cockpit heater switch	1	*1
-40	AN565B4H3		.	.					SCREW	3	*1
	172-54053		.	.					ACTUATOR ASSY, Elec cockpit heater switch	1	*1
-41	172-54052		.	.	.				ACTUATOR, Elec cockpit heater switch	1	*1
-42	172-54051		.	.	.				SPRING, Compression	1	*1
-43	172-54054		.	.					ROD, Elec cockpit heater sw extension	1	*1
-44	30088		.	.					SELECTOR ASSY, Cabin temperature (Airesearch)	1	*1
	45032		.	.					SELECTOR ASSY, Cabin air temperature (Airesearch)	1	*2
-45	172-54057		.	.					BOX ASSY, Elec cockpit air temperature control	1	

*1 Used on 172-54058-5 *2 Used on 172-54058-7

USEABLE ON CODE: A 51-2850 thru 51-13397, 52-4305 thru 52-4504
B 51-13398 thru 51-13510, 52-4505 and subs
C 51-2850 thru 51-13510, 52-4305 thru 52-5063
D 52-5272 thru 52-5328
E 52-5164 thru 52-5271, 53-1072 and subs
F 52-5064 thru 52-5163, 52-5329 thru 52-5530



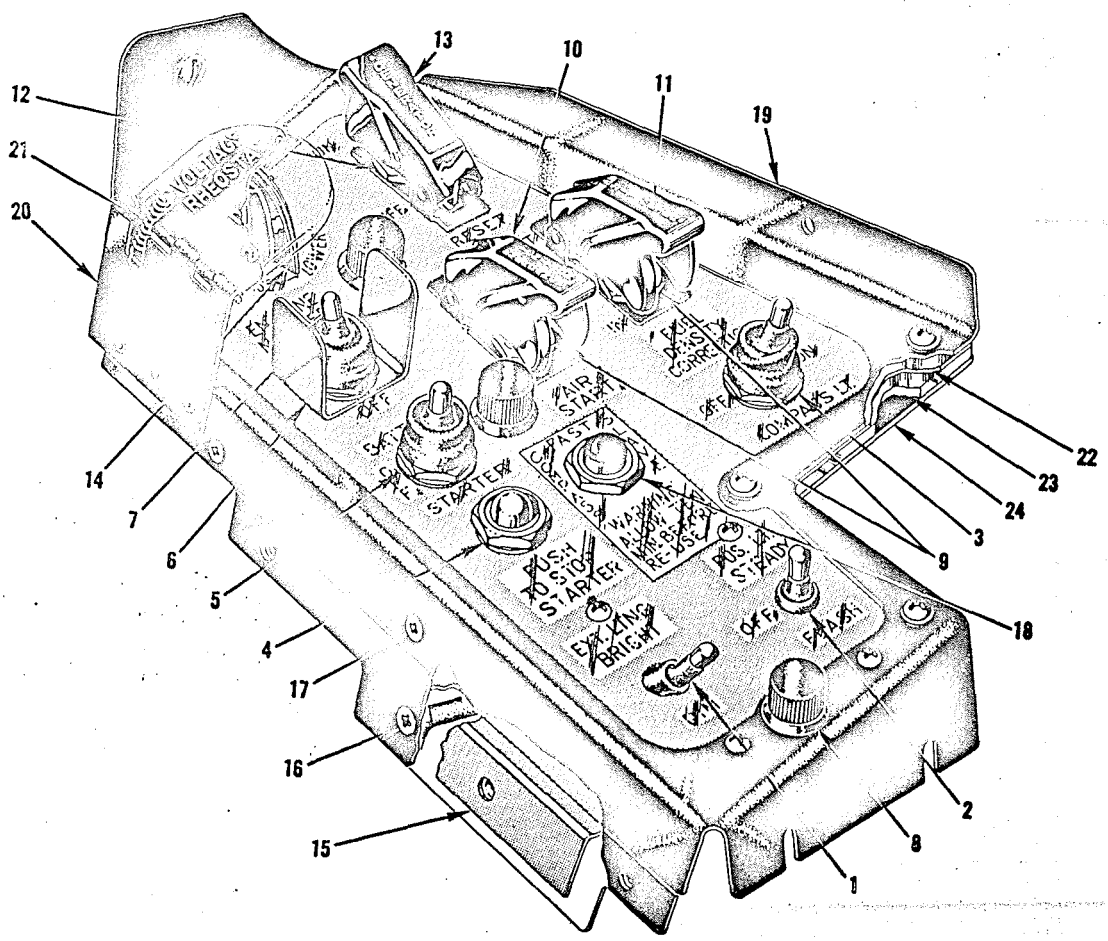


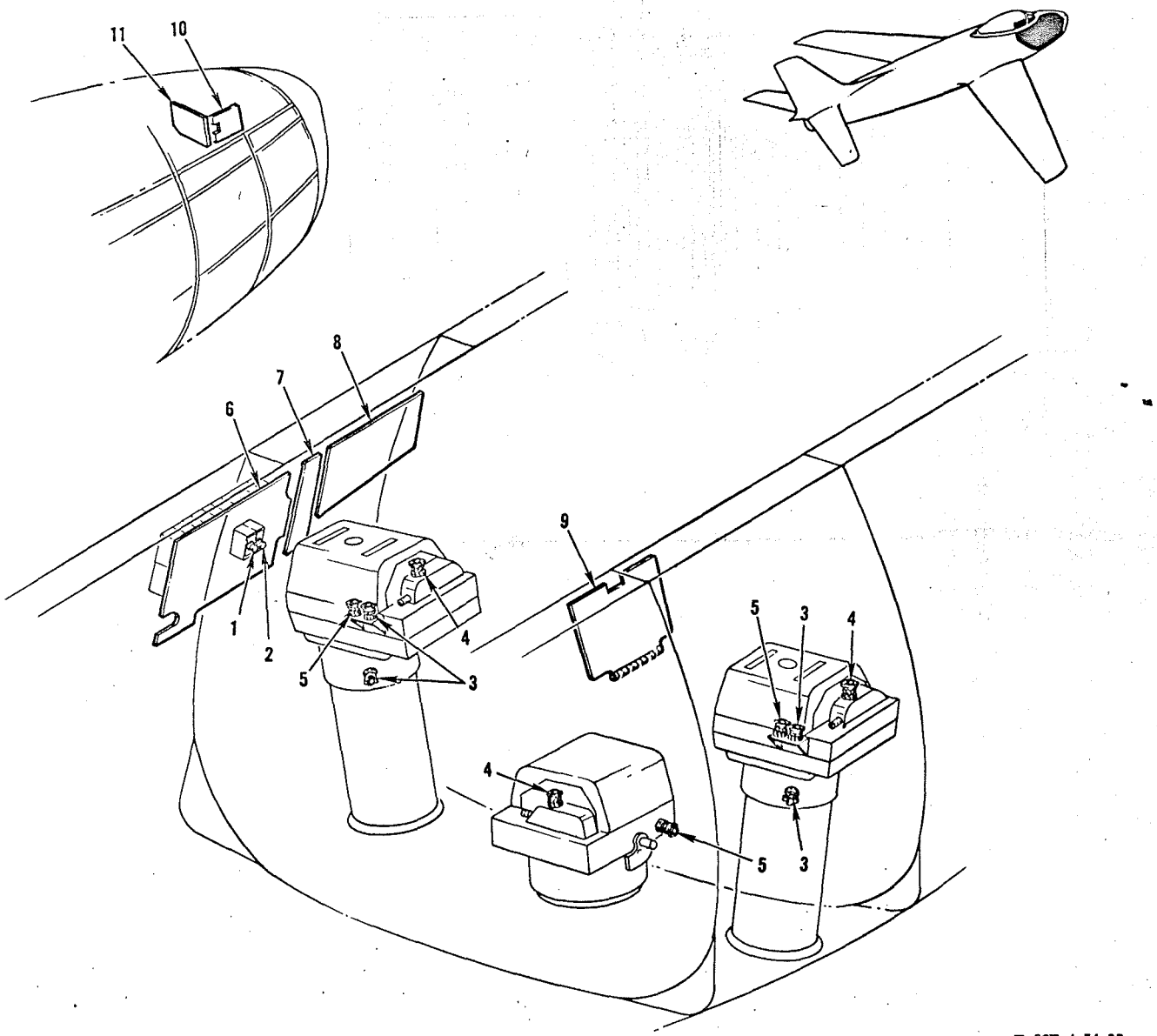
FIGURE 297 - ELECTRICAL CONSOLE RH FORWARD COMPLETE PANEL ASSEMBLY

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
297	172-54095-10	PANEL ASSY, Elec console RH fwd complete (see fig. 304 for next assembly)	Ref	B
	172-54095-21	PANEL ASSY, Elec console RH fwd complete (see fig. 304 for next assembly)	Ref	C
	172-54095-31	PANEL ASSY, Elec console RH fwd complete (see fig. 304 for next assembly)	Ref	D
	172-54095-41	PANEL ASSY, Elec console RH fwd complete (see fig. 304 for next assembly)	Ref	E
-1	AN3227-3	. SWITCH, (position and fuselage light dimmer)	1	
	AN3224-2	. BOOT	1	
-2	AN3227-1	. SWITCH, (position and fuselage lights)	1	
	AN3224-2	. BOOT	1	
-3	AN3021-2	. SWITCH, (stand-by compass light)	1	
	AN3223-1	. BOOT	1	
-4	D202W2R	. SWITCH, (Hetherington) (formerly Hetherington D800)	1	
-5	AN3027-8	. SWITCH, (battery and starter)	1	
	AN3223-1	. BOOT	1	
-6	161-54058	. GUARD, Elec RH console panel fwd eng master fuel switch	1	
-7	AN3027-3	. SWITCH, (engine master fuel switch)	1	
	AN3223-1	. BOOT	1	
-8	MS25010-2	. LIGHT ASSEMBLY	3	*1
	AN3140-327	. LAMP	3	*1
-9	AN3021-2	. SWITCH, (fuel density corrections and emergency ignition)	2	
-10	140-54128-11	. GUARD, One hole mounting switch (altered from AN3028-4)	1	
-11	140-54128-21	. GUARD, One hole mounting switch (altered from AN3028-4)	1	
-12	AN3027-8	. SWITCH, (generator control)	1	
-13	140-54128-3	. GUARD, One hole mounting switch (altered from AN3028-4)	1	
-14	AN3155-25-11	. RHEOSTAT, (pilot voltage control)	1	B
-15	161-54132	. GUARD, Electrical resistor	1	
-16	A25K10	. RESISTOR, 10 OHM (wing position light dimmer) (Clarostat)	1	
-17	B20K25	. RESISTOR, 25 OHM (tail position light dimmer) (Clarostat)	1	
-18	W102DB3	. SWITCH ASSY, (J2 fast slaved compass) (Hetherington) (use C3100DB3 until exh)	1	A
-19	172-54096	. PANEL ASSY, Electrical console RH forward	1	B
	172-54096-11	. PANEL ASSY, Electrical console RH forward	1	C,D
-20	152-54197	. . GUARD ASSY, Generator voltage control rheostat	1	B
-21	152-54198	. . . SPRING, Generator voltage control rheostat guard	1	
-22	172-54097	. SHIELD, Electrical console forward RH panel	1	B
	172-54097-11	. SHIELD, Electrical console forward RH panel	1	C,D
-23	172-54098	. PLATE, Electrical console forward RH panel	1	B
	172-54098-11	. PLATE, Electrical console forward RH panel	1	C,D
-24	172-54099	. BASE ASSY, Electrical console forward RH panel	1	

*1 Use AN3502-2A until exh, when exh use MS25010-2 together with AN3140-327

USEABLE ON CODE: A 51-2850 thru 51-2877 B 51-2850 thru 53-1171 C 53-1172 thru 53-1228 D 55-3816 thru 55-3875 E 55-3876 and subs

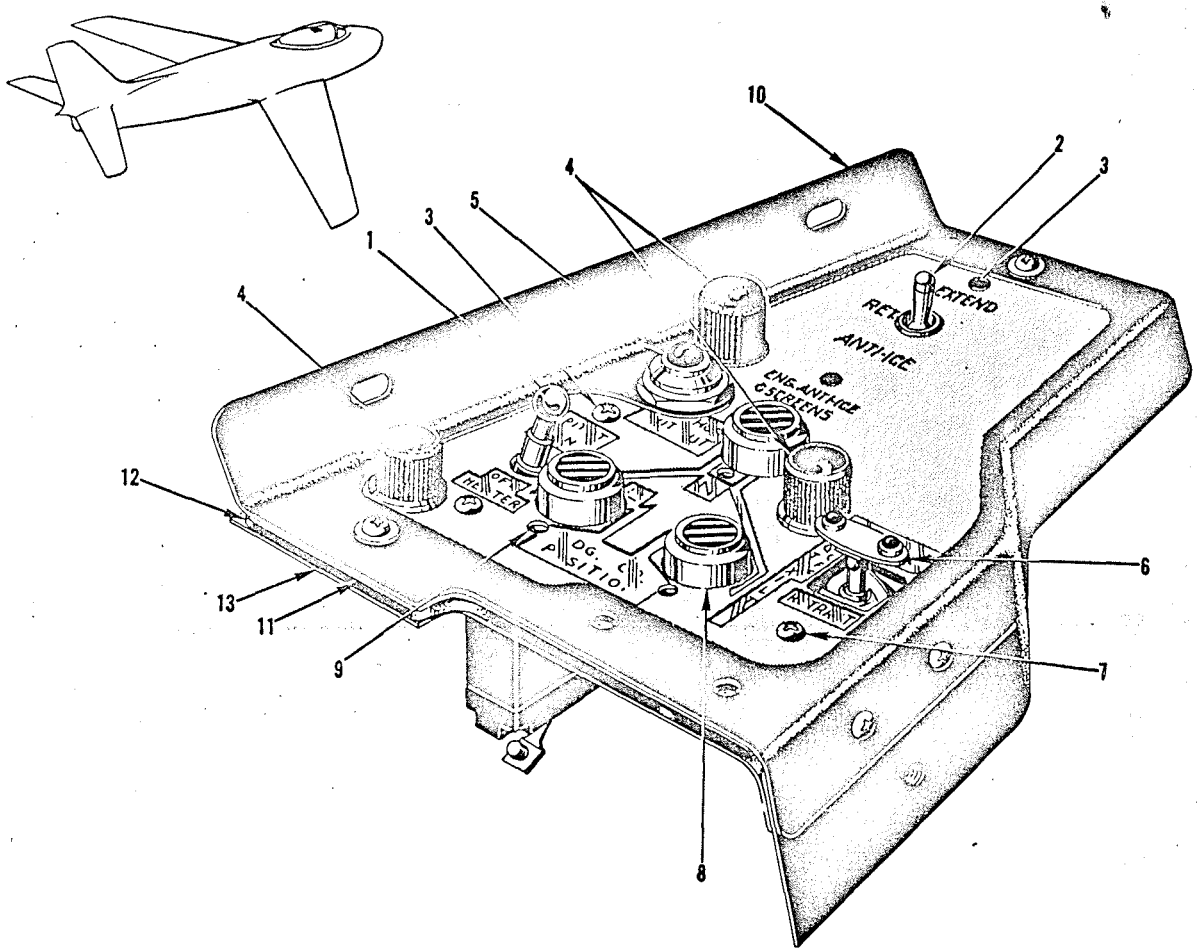


F-86F-4-54-32

FIGURE 298 - ELECTRICAL EQUIPMENT INSTALLATION & MODIFICATION

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
298	54FEH478	*1	Wiring Installation, Camera, K22 & K17	NP	
-1	AN3161P35		. Circuit Breaker	1	
-2	AN3161P5		. Circuit Breaker	1	
-3	AN3106A16-11S		. Connector, Elec, Plug, Straight	4	
	AN3057-8A		. Adapter, Elec, Accessory to Cable	4	
-4	AN3106-12S-3S		. Connector, Elec, Plug, Straight	3	
	AN3057-4A		. Adapter, Elec, Accessory to Cable	3	
-5	AN3106A16S6P		. Connector, Elec, Plug, Straight	3	
	AN3057-8A		. Adapter, Elec, Accessory to Cable	3	
-6	54FEC1693		. Panel Modification, Elec, Circuit Breaker, Aft	Ref	
-7	54FEA1691		. Name Plate Modification, Elec, Circuit Breaker	Ref	
-8	54FEB1671		. Panel Modification, Elec, Console Fwd LH Side (Part No. 172-54065)	Ref	
-9	54FEC1699		. Panel Modification, Elec., Circuit Breaker	Ref	
-10	54FEB1692		. Bracket Modification, Elec., Fwd Fus Circuit Breaker	Ref	
-11	54FEC1672		. Panel Modification, Fus Sta 26, Relay	Ref	

*1 Used on RF-86F-30 airplanes only



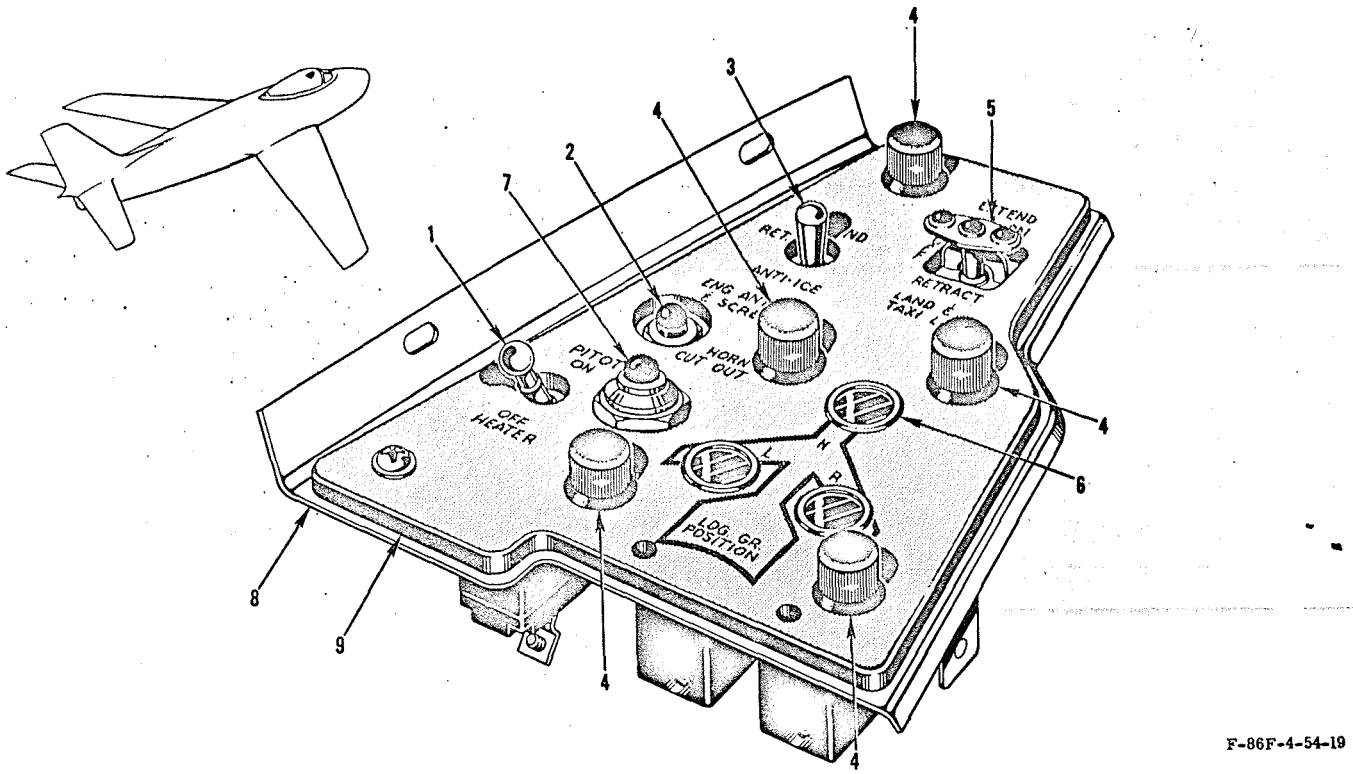
F-86F-4-54-18

FIGURE 299 - COMPLETE ELECTRICAL LH FORWARD CONSOLE PANEL ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
299	172-54028-20 *1*2		PANEL ASSEMBLY, Electrical LH forward console complete (see figure 294 for next assembly)	Ref	A
-1	AN3160-10	.	CIRCUIT BREAKER, (pitot heater)	1	A
-2	1AT3	.	SWITCH, (engine anti-ice and screen) (Micro Switch)	1	A
	ATTACHING PARTS				
-3	AN515-6R8	.	SCREW	4	A
	---*---				
-4	AN3502-2A	.	LIGHT ASSEMBLY	3	A
-5	A401B4	.	SWITCH, Horn cut-out (warning horn cut-out (Micro Switch) (use W101D4 Hetherington untl exh)	1	A
-6	AN3022-15B	.	SWITCH, (landing lamp control)	1	A
	ATTACHING PARTS				
-7	AN515-6R10	.	SCREW	2	A
	---*---				
-8	AN5839-1	.	INDICATOR, Position, landing gear, individual indicating 28V DC type C1 (Spec 21250A) (GFAE)	3	A
	ATTACHING PARTS				
-9	AN515-6R6	.	SCREW	6	A
	AN935-10	.	WASHER	6	A
	191-54050	.	SPACER, Electrical AN5839-1	3	A
	---*---				
-10	161-54029-10	.	PANEL ASSEMBLY, Electrical console LH forward	1	A
-11	172-54032-10	.	SHIELD, Electrical LH forward console panel	1	A
-12	172-54030-10	.	PLATE, Electrical LH forward console panel plastic	1	A
-13	172-54033-10	.	BASE, Electrical LH forward console panel	1	A

*1 For aircraft coded 51-13070 thru 52-4954 and 52-5272 thru 52-5386, see figure 300.
*2 This configuration not used on aircraft modified in accordance with T. O. 1F-86-126. See fig. 300.
USEABLE ON CODE: A 51-2850 thru 51-12976.

FUSELAGE ELECTRICAL (Cont)



F-86F-4-54-19

FIGURE 300 - ELECTRIC LH FORWARD CONSOLE PANEL ASSEMBLY COMPLETE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
300	191-54028		PANEL ASSY, Electric LH forward console complete . . . . . (see figure 294 for next assembly)	Ref	A,F
	191-54028-10		PANEL ASSY, Electric LH forward console complete . . . . . (see figure 294 for next assembly)	Ref	B
	172-54028-20	*1*2	PANEL ASSY, Electrical LH forward console complete . . . . . (see figure 294 for next assembly)	Ref	C
	172-54028-30	*1	PANEL ASSY, Electrical LH f rward console complete . . . . . (see figure 294 for next assembly)	Ref	D
-1	AN3160-10		. CIRCUIT BREAKER, (pitot heater)	1	E
	ATTACHING PARTS				
	AN507-6R8		. SCREW	2	F
	AN507-632R5		. SCREW	2	E
	---*---				
-2	W101D4		. SWITCH, Horn cut (warning horn cut-out) (Hetherington) . . . (use Micro Switch A401B4 untl exh)	1	E
-3	1AT3		. SWITCH, Engine anti-ice and screen (Micro Switch)	1	E
	ATTACHING PARTS				
	AN507-6R8		. SCREW	2	F
	AN507-632R5		. SCREW	2	E
	---*---				
	MS25010-4		. LIGHT ASSEMBLY, (instrument panel)	5	F
-4	MS25010-2		. LIGHT ASSEMBLY, (inst panel) (use Wemac 1617C2 untl exh) . .	5	E
	AN3140-327		. LAMP	5	
-5	AN3022-15B		. SWITCH, (landing lamp control)	1	E
	ATTACHING PARTS				
	AN507-632R5		. SCREW	2	E
	---*---				
-6	AN5839-1		. INDICATOR, Position LG individual ind 28 volt DC type C1 . . (Spec 21250A) (GFAE) (intrch with AN5839-2)	3	E
	ATTACHING PARTS				
	AN507-632R5	*3	. SCREW	6	
	227-54050	*3	. SPACER, Electric LG ind (use 191-54050-11 untl exh)	1	
	---*---				
-7	A406BB3		. SWITCH, (landing gear warning light) (Hetherington)	1	C,D
-8	191-54029		. PANEL ASSY, Electric LH forward console	1	C
	191-54029-50		. PANEL ASSY, Electric LH forward console panel plastic	1	D
-9	191-54030		. PLATE, Electric LH forward console panel plastic	1	
	191-54030-20		. PLATE, Electric LH forward console panel plastic	1	D

*1 Modified per T. O. 1F-86F-37
*2 Modified per T. O. 1F-86-126.
*3 Refer to T. O. 1F-86-178.

USEABLE ON CODE: A 52-4955 thru 52-5271, 53-1072 and subs
B 52-5387 thru 52-5530
C 51-13070 thru 51-13510, 52-4505 thru 52-4954, 52-5272 thru 52-5386
D 52-4305 thru 52-4504
E 51-13070 and subs
F 51-2850 thru 51-12976

FUSELAGE ELECTRICAL (Cont)

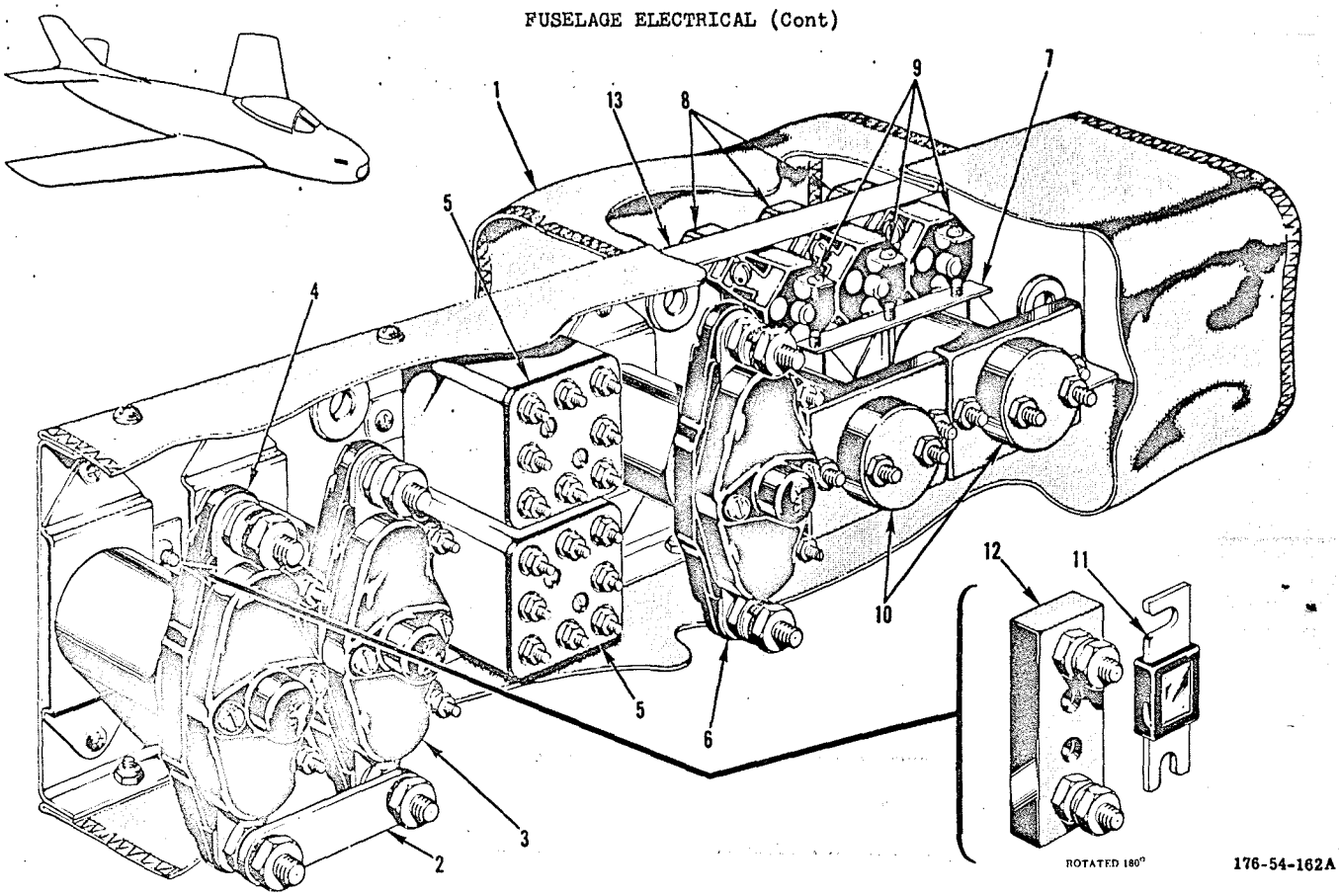


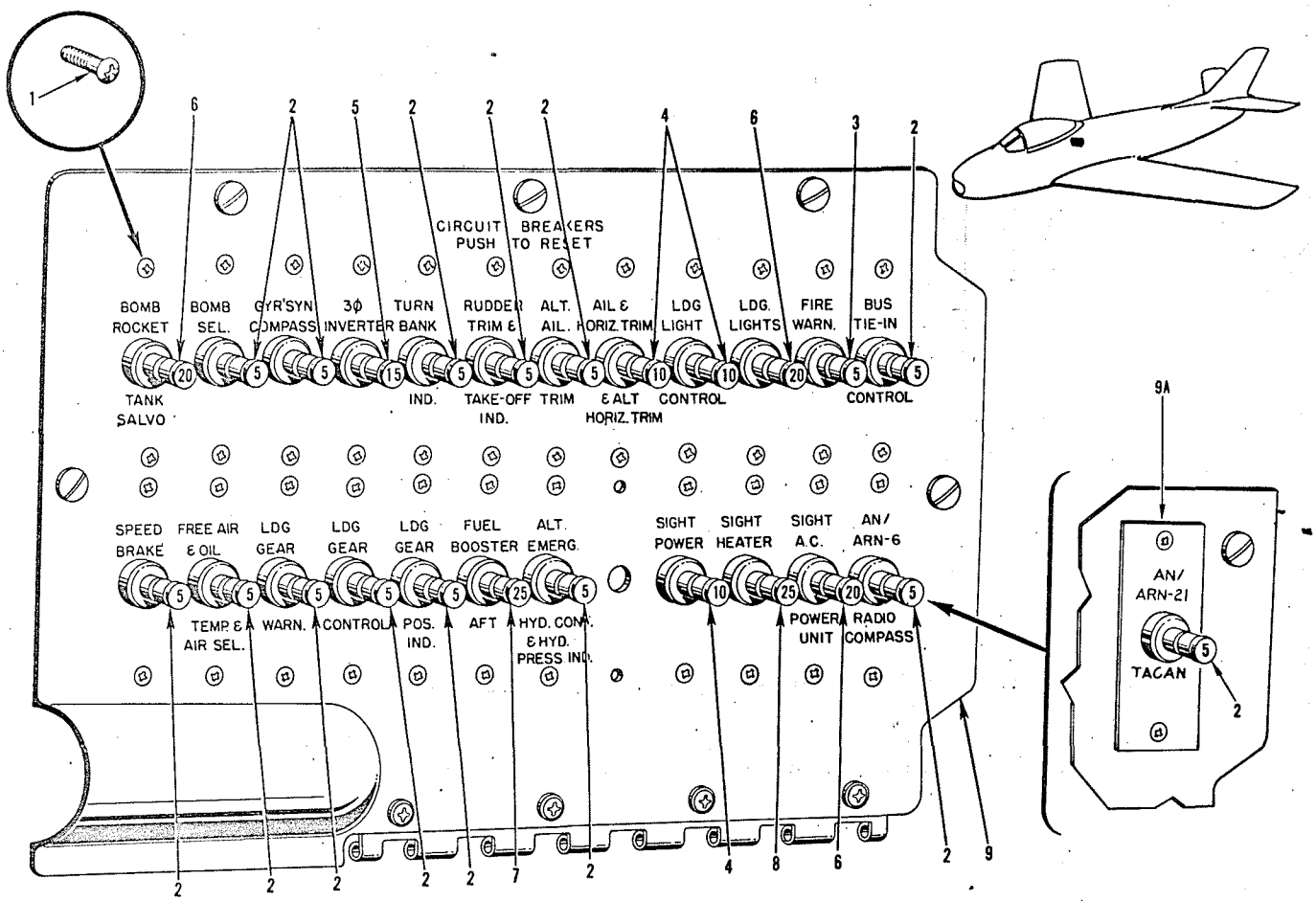
FIGURE 301 - ELECTRIC FUSELAGE STATION 31 TO STATION 46 RELAY PANEL ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
301	191-54035-11		PANEL ASSY, Elec fus sta 31 to sta 46 relay (see figure 279 for next assembly)	Ref	A
	191-54035-21		PANEL ASSY, Elec fus sta 31 to sta 46 relay (see figure 279 for next assembly)	Ref	B
	191-54035-31		PANEL ASSY, Elec fus sta 31 to sta 46 relay (see figure 279 for next assembly)	Ref	C
	191-54035-51		PANEL ASSY, Elec fus sta 31 to sta 46 relay (see figure 279 for next assembly)	Ref	E
	191-54035-61		PANEL ASSY, Elec fus sta 31 to sta 46 relay (see figure 279 for next assembly)	Ref	D
-1	191-54039		COVER ASSY, Elec fus sta 40 relay panel	1	A,E
	191-54039-10		COVER ASSY, Elec fus sta 40 relay panel	1	B,C,D
-2	191-54036		BAR, Elec battery and windshield heater relays bus bar	1	A,E
-3	AN3370-2		RELAY, (battery bus tie-in)	1	A,B
-4	AN3370-2		RELAY, (windshield anti-ice)	1	A,E,D
	AN3350-2		RELAY, (landing lights)	1	C
	G54329A		RELAY (Ac external power) (Guardian)	1	D
-5	237EAU		RELAY ASSY, (Leach) (landing taxi light & landing light control)	2	
-6	AN3370-2		RELAY, (ammunition boost motor)	1	A,B
-7	2B1B9-3		BAR, Bus (North American)	1	A,E
	2B1B9-4		BAR, Bus (North American)	1	B,C
	2B1B9-2		BAR, Bus (North American)	2	D
-8	PDA35		CIRCUIT BREAKER, Automatic reset 15 to 40 amps (ammunition boost motor relay) (Spencer Thermostat)	3	A,E
-9	PDA35		CIRCUIT BREAKER, Automatic reset 15 to 40 amps (ammunition boost motor relay) (Spencer Thermostat)	6	A,E
	PDA35		CIRCUIT BREAKER, Automatic reset 15 to 40 amps (ammunition boost motor relay) (Spencer Thermostat)	4	B,C,D
-10	AN3353-1	*1	RELAY, (gun charger retract return relay)	2	A
-11	FLLB		LIMITER, Current (Burndy)	1	A,E
-12	FSH		LIMITER, Mounting (Burndy)	1	A,E
-13	191-54034-11		PANEL, Electrical fuselage station 31 to 46 relay	1	A
	191-54034-21		PANEL, Electrical fuselage station 31 to 46 relay	1	B
	191-54034-31		PANEL, Electrical fuselage station 31 to 46 relay	1	C
	191-54034-51		PANEL, Electrical fuselage station 31 to 46 relay	1	E
	191-54034-61		PANEL, Electrical fuselage station 31 to 46 relay	1	D

*1 Parts marked thus not used on airplanes modified in accordance with T. O. 1F-86-221.

USEABLE ON CODE: A 52-4405 thru 52-4963, 52-5272 thru 52-5275, 52-5279 thru 52-5290, 52-5292, 52-5294 - 52-5295, 52-5297 thru 52-5298,
B 52-5329 thru 52-5530, 52-5064 thru 52-5163
C 52-5164 thru 52-5271, 53-1076 thru 53-1228
A 52-5300 - 52-5302, 52-5304, 52-5270
D 53-3816 thru 55-3830 and subs
E 52-4964 thru 52-5063, 52-5278, 52-5291, 52-529[illegible] 52-5296, 52-5299, 52-530[illegible] 52-5305 thru 52-5328

FUSELAGE ELECTRICAL (Cont)



F-86F-4-54-45

FIGURE 302 - AFT LH ELECTRICAL CIRCUIT BREAKER PANEL ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
302	170-54068-30		PANEL ASSEMBLY, Electric circuit breaker aft LH complete (see figure 295 for next assembly)	Ref	A
	170-54068-40		PANEL ASSEMBLY, Electric circuit breaker aft LH complete (see figure 295 for next assembly)	Ref	B
	170-54068-50		PANEL ASSEMBLY, Electric circuit breaker aft LH complete (see figure 295 for next assembly)	Ref	C
	170-54068-70		PANEL ASSEMBLY, Electric circuit breaker aft LH complete (see figure 295 for next assembly)	Ref	D,E
	170-54068-80		PANEL ASSEMBLY, Electric circuit breaker aft LH complete (see figure 295 for next assembly)	Ref	F
	170-54068-90		PANEL ASSEMBLY, Electric circuit breaker aft LH complete (see figure 295 for next assembly)	Ref	K
	170-54068-101		PANEL ASSEMBLY, Electric circuit breaker aft LH complete (see figure 295 for next assembly)	Ref	L
-1	AN515-6R5		SCREW	AR	
-2	AN3161P5	*1*2	CIRCUIT BREAKER	13	
-3	AN3161P5	*1	CIRCUIT BREAKER, (fire warning)	1	G
	AN3161P5	*1	CIRCUIT BREAKER, (fuel drop tank)	1	F,K
-4	AN3161P10	*1	CIRCUIT BREAKER	3	
-5	AN3161P15	*1	CIRCUIT BREAKER	1	
-6	AN3161P20	*1	CIRCUIT BREAKER	3	
-7	AN3161P25	*1	CIRCUIT BREAKER	1	
-8	AN3161P25	*1	CIRCUIT BREAKER, (sight heater)	1	A,B,C
	AN3161P15	*1	CIRCUIT BREAKER, (sight heater)	1	H
-9	170-54070-30		PANEL ASSEMBLY, Electric circuit breaker aft LH	1	A
	170-54070-40		PANEL ASSEMBLY, Electric circuit breaker aft LH	1	J
	170-54070-50		PANEL ASSEMBLY, Electric circuit breaker aft LH	1	F
	170-54070-60		PANEL ASSEMBLY, Electric circuit breaker aft LH	1	K
	170-54070-70		PANEL ASSEMBLY, Electric circuit breaker aft LH	1	L
-9A	202-54018	*2	PLATE, Elec AN/ARN21 TACAN circuit breaker identification	1	

*1 AN3161P( ) circuit breakers are intrch wth MS24506( ) of the same dash number.
*2 Used on airplanes modified per T.O. 1F-86F-532.

USEABLE ON CODE:
A 51-2850 thru 51-2877
B 51-2878 thru 51-2927
C 51-2928 thru 51-2943
D 51-12936 thru 51-13069
E 51-13070 thru 51-13169
F 51-13170 thru 52-13397 & 52-4305 thru 52-4504
G 51-2850 thru 51-13169
H 51-12936 and subs
J 51-2878 thru 51-13169
K 51-13398 thru 51-13510 & 52-4505 thru 55-4030
L 55-4983 and subs

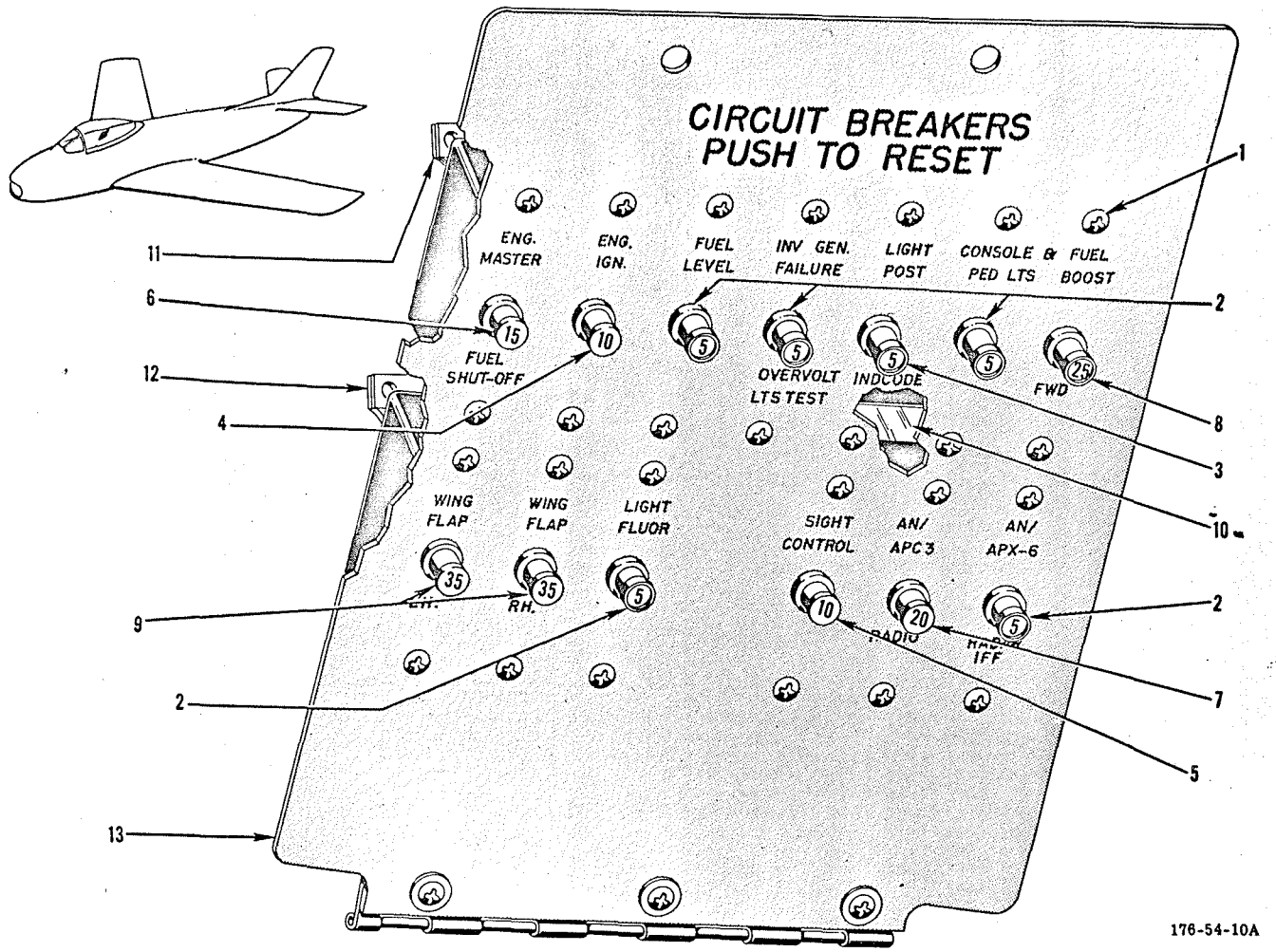


FIGURE 303 - COMPLETE ELECTRICAL RH CIRCUIT BREAKER PANEL ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
303	172-54040		PANEL ASSY, Elec circuit breaker RH complete (see fig. 304)	1	A
	172-54040-20		PANEL ASSY, Elec circuit breaker RH complete (see fig. 304)	1	B
	172-54040-30		PANEL ASSY, Elec circuit breaker RH complete (see fig. 304)	1	C
	172-54040-50		PANEL ASSY, Elec circuit breaker RH complete (see fig. 304)	1	D
	172-54040-60		PANEL ASSY, Elec circuit breaker RH complete (see fig. 304)	1	E
	172-54040-70		PANEL ASSY, Elec circuit breaker RH complete (see fig. 304)	1	F
-1	AN515-6R5		. SCREW	AR	
-2	AN3161P5	*1	. CIRCUIT BREAKER	5	
-3	AN3161P5	*1	. CIRCUIT BREAKER	1	G
-4	AN3161P10	*1	. CIRCUIT BREAKER	1	
-5	AN3161P10	*1	. CIRCUIT BREAKER	1	A,B
	AN3161P5	*1	. CIRCUIT BREAKER	1	H
-6	AN3161P15	*1	. CIRCUIT BREAKER	1	A,B
	AN3161P10	*1	. CIRCUIT BREAKER	1	H
-7	AN3161P20	*1	. CIRCUIT BREAKER, (AN/ARC3 radio)	1	A
	AN3161P25	*1	. CIRCUIT BREAKER, (AN/ARC33 radio)	1	B
	AN3161P25	*1	. CIRCUIT BREAKER, (AN/ARC27 radio)	1	H
-8	AN3161P25	*1	. CIRCUIT BREAKER	1	
-9	AN3161P35	*1	. CIRCUIT BREAKER	2	
-10	2B1-7-3		. BAR, Bus (North American)	1	
-11	2B1-7-6		. BAR, Bus (North American)	1	
-12	2B1-7-2		. BAR, Bus (North American)	1	
-13	172-54039		. PANEL ASSEMBLY, Electrical circuit breaker RH	1	A
	172-54039-30		. PANEL ASSEMBLY, Electrical circuit breaker RH	1	B
	172-54039-40		. PANEL ASSEMBLY, Electrical circuit breaker RH	1	C
	172-54039-60		. PANEL ASSEMBLY, Electrical circuit breaker RH	1	D
	172-54039-70		. PANEL ASSEMBLY, Electrical circuit breaker RH	1	E
	172-54039-80		. PANEL ASSEMBLY, Electrical circuit breaker RH	1	F

*1 AN3161P( ) circuit breakers are intrch with MS24506( ) of the same dash number.

USEABLE ON CODE:
A 51-2850 thru 51-12976
B 51-13070 thru 51-13169
C 52-4305 thru 52-4404
D 52-4405 thru 52-4504 and 51-13170 thru 51-13397
E 52-4505 thru 52-4904, 51-13398 thru 51-13510 and 52-5272 thru 52-5386
F 52-4905 thru 52-5271, 52-5387 and subs
G 51-13070 and subs
H 51-13170 and subs

FUSELAGE ELECTRICAL (Cont)

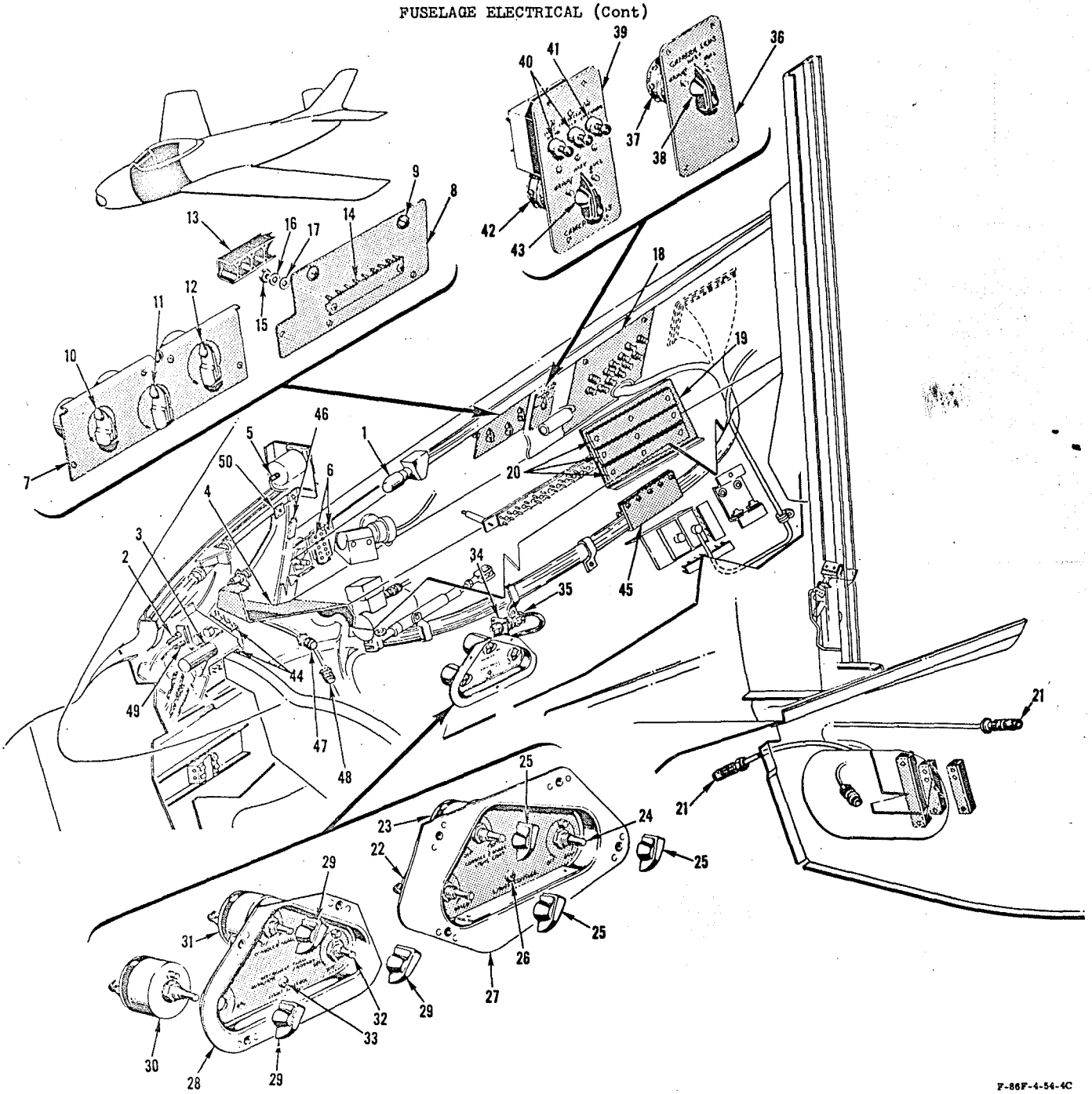


FIGURE 304 - FUSELAGE STATION 62.58 TO 131 ELECTRICAL EQUIPMENT RH SIDE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
304	No Number	FUSELAGE STATION 62.58 TO 131 ELEC EQUIP. RH SIDE, (see fig. 278 for next assy and fig. 305 for additional breakdown)	NP	
-1	AN3034-3	. LIGHT ASSEMBLY, (RH console floor)	1	
-2	AN3100A20-27S	. RECEPTACLE, (instrument panel disconnect)	1	
	AN3057-12A	. ADAPTER	1	
-3	HC1560	. CONDENSER, (fuel level indicator) (Mallory, P.R.)	1	
-4	172-54095-10	. PANEL ASSY, Elec console RH forward complete (see fig. 297)	1	T
	172-54095-21	. PANEL ASSY, Elec console RH forward complete (see fig. 297)	1	V
	172-54095-31	. PANEL ASSY, Elec console RH forward complete (see fig. 297)	1	DD
	172-54095-41	. PANEL ASSY, Elec console RH forward complete (see fig. 297)	1	EE
	AN3140-327	. LAMP, (indirect light panel)	3	
	AN3121-313	. LAMP	1	
-5	270-8	. PLUG, (pilot's stand-by compass) (Cannon)	1	S
	191-51091	. PLUG ASSY, Pilot's stand by compass connector (altered from Cannon 270-8)	1	P,Y
	AN3116-2	. PLUG	1	Z
-6	AN3131-303	. LAMP, (spare lamps)	1	
	AN3121-313	. LAMP, (warning)	5	

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY	USEABLE ON CODE
304	AN3140-327	.	LAMP, (ring lights instrument panel)	16	
	AN3121R313	.	LAMP, (spare lamps)	1	
	AN3136R323	.	LAMP, (spare lamps)	3	
-7	172-54119	.	PANEL, Electric cockpit light rheostat	1	A
-8	191-54118	.	PANEL ASSY, Elec terminal strip RH top console	1	B
-9	A4-30	.	. STUD, (Dzus)	2	B
	2W1AL15-20-16	.	. WASHER, Plain (North American)	4	B
-10	AN3155-25-100	.	RHEOSTAT, (instrument panel floor light)	1	A
-11	AN3155-50-100	.	RHEOSTAT, (indirect illuminating)	1	A
-12	CM11031	.	RHEOSTAT, (ring lights inst panel) (Clarostat)	1	A
-13	397-6	.	COVER, (Henry Engineering)	1	B
-14	AN3436-2-6	.	TERMINAL BLOCK ASSEMBLY, (RH top console)	1	B
-15	AN341-6	.	NUT	6	B
-16	AN936A6B	.	WASHER	6	B
-17	AN961-6	.	WASHER	6	B
-18	172-54040	.	PANEL ASSY, Elec circuit breaker RH complete (see fig. 303)	Ref	
-19	161-54057	.	BRACKET ASSY, Electrical terminal strip gun bay	1	
-20	AN3436-2-10	.	TERMINAL BLOCK ASSEMBLY, (gun bay RH side)	3	
	151-54376	.	COVER ASSY, Electric terminal block insulating	1	G,M
	397-10	.	COVER, (Henry Engineering)	2	G,M
	397-10	.	COVER, (Henry Engineering)	2	Z
-21	AN3108B32-8S	.	PLUG, (wing wiring disconnect)	2	
	AN3057-20A	.	ADAPTER	2	
-22	AN3155-25-100	.	RHEOSTAT, (auxiliary instrument lights)	1	C
-23	31873A	.	RHEOSTAT, (primary and inst flood lights) (Ohmite) (GFAE)	1	C
-24	CM11031	.	RHEOSTAT, (Clarostat) (primary inst lights)	1	C
-25	AN3219-1	.	KNOB	3	C
	AN565D8-6	.	SCREW	1	C
-26	RW31J800	.	RESISTOR, (Spec JAN-R26A) (LG warning light dimmer)	1	C
-27	176-954021	.	PANEL ASSY, Electrical interior lights control (rework)	1	C
-28	191-54120	.	PANEL ASSY, Electrical cockpit light rheostat	1	D
	191-54120-10	.	PANEL ASSY, Electrical cockpit light rheostat	1	E
	191-54120-20	.	PANEL ASSY, Electrical cockpit light rheostat	1	Z
-29	AN3219-1	.	. KNOB	3	D,E,Z
	AN565D8-6	.	. SCREW	3	D,E,Z
-30	AN3155-25-100	.	. RHEOSTAT, (instrument panel floor lights)	1	D,E,Z
-31	31873A	.	. RHEOSTAT, (ring lights inst panel) (Ohmite)	1	D,E
	CM11038	.	. RHEOSTAT, (ring lights inst panel) (Clarostat)	1	Z
-32	CM11031	.	. RHEOSTAT, (console and panel lights) (Clarostat)	1	D,E,Z
-33	RW31J800	.	. RESISTOR, (Spec JAN-R26A) (LG warning light dimmer)	1	D,E,Z
-34	AN3101B20-27S	.	RECEPTACLE, (cockpit lights control)	1	C,D
	AN3100A22-19P	.	RECEPTACLE, (cockpit lights control)	1	E
-35	AN3106B20-27P	.	PLUG, (cockpit lights control)	1	C,D
	AN3106B22-19S	.	PLUG, (cockpit lights control)	1	E,Z
-36	191-54043	.	PANEL ASSY, Camera lens selector switch	1	AA,*3
-37	AN3211-2	.	. SWITCH, Rotary sel (Spec MIL-S6807) (when exh use MS25002-2)	1	AA,*3
-38	AN3220-2	.	. KNOB, Pointer (when exh use AN3220-3)	1	AA,*3
-39	191-54069	.	PANEL ASSY, Electric selector switch and circuit breaker RH fwd	1	BB
	191-54069-11	.	PANEL ASSY, Electric selector switch and circuit breaker RH fwd	1	CC
-40	AN3161P10	*4 .	. CIRCUIT BREAKER (Spec MIL-C7079)	2	BB
	MS25005-35	.	. CIRCUIT BREAKER (Spec MIL-C7927)	2	CC
-41	AN3161P5	*4 .	. CIRCUIT BREAKER (Spec MIL-C7079)	1	BB,CC
-42	AN3211-2	.	. SWITCH, Rotary sel (Spec MIL-S6807) (whn exh use MS25002-2)	1	BB,CC
-43	AN3220-2	.	. KNOB, Pointer (when exh use AN3220-3)	1	BB,CC
-44	AN3436-2-3	.	TERMINAL BLOCK ASSEMBLY, (N9 sight)	2	H,J
	397-3	.	COVER, (Henry Engineering)	1	H,J
-45	172-54016	.	CONDUIT, Electric wire harness protecting	1	G,J,M
	10C1-3-8	.	CONDUIT, (North American)	1	Z
-46	EA125	.	FILTER, (Solar) (N6 camera) (intrch wth JB55X or 10JB55X)	1	P
	191-54143	.	HARNESS ASSY, Elec N6 camera adapter	1	P
	191-54143-11	.	HARNESS ASSY, Elec N6 camera adapter	1	R
-47	102-0	.	. PLUG, (Solar) (N6 camera)	1	P,R
-48	AN3106B16S1P	.	. PLUG, (N6 camera)	1	P
	AN3101B16S1P	.	. PLUG, (N9 camera)	1	R
	AN3057-8A	.	. ADAPTER	1	P,R
-49	AN3100A28-15S	.	RECEPTACLE, (shroud disconnect)	1	N
	AN3100A16S1S	*2 .	RECEPTACLE, (shroud disconnect)	1	X
	AN3054-16	.	NUT	1	X
	2W1P64-44-63	.	WASHER, Plain (North American)	1	X
	2W1SR40-44-63	.	WASHER, Plain (North American)	1	X
-50	AN3160-10	*1 .	SWITCH, (tow target release)	1	W

*1 Refer to T. O. 1F-86F-213.
*2 Refer to T. O. 1F-86F-34.
*3 Used on airplanes 51-2850 thru 52-4704 and 52-5272 thru 52-5294 modified per T. O. 1F-86-523.
*4 AN3161P() circuit breakers are intrch wth MS24506() of the same dash number.

USEABLE ON CODE:

A 51-2850 thru 51-12976
B 51-13070 and subs
C 51-13070 thru 51-13089
D 51-13090 thru 51-13454
E 51-13455 thru 52-5163
52-5272 thru 52-5530
G 52-5272 thru 52-5530
H 52-4746 thru 52-5271
J 53-1072 thru 53-1228
K 52-4305 thru 52-5163,
52-5307 thru 52-5530
L 51-2850 thru 52-5163
M 51-2850 thru 51-13510
N 52-5164 thru 52-5271
53-1072 thru 53-1228
P 52-5114 thru 52-5213
R 52-5214 thru 52-5271,
53-1072 and subs
S 51-2850 thru 52-5113
T 51-2850 thru 53-1171
V 53-1172 thru 53-1228
W 51-13170 thru 51-13510,
52-5272 thru 52-5530
52-4305 thru 52-5164
X 51-13170 and subs
Y 52-5214 thru 52-5271,
53-1072 thru 55-3830
Z 52-5164 thru 52-5271
53-1072 and subs
AA 52-4746 thru 52-5163,
52-5381 thru 52-5330
BB 52-5164 thru 52-5271,
53-1072 thru 55-4030
CC 55-4983 and subs
DD 55-3816 thru 55-3875
EE 55-3876 and subs

FUSELAGE ELECTRICAL (Cont)

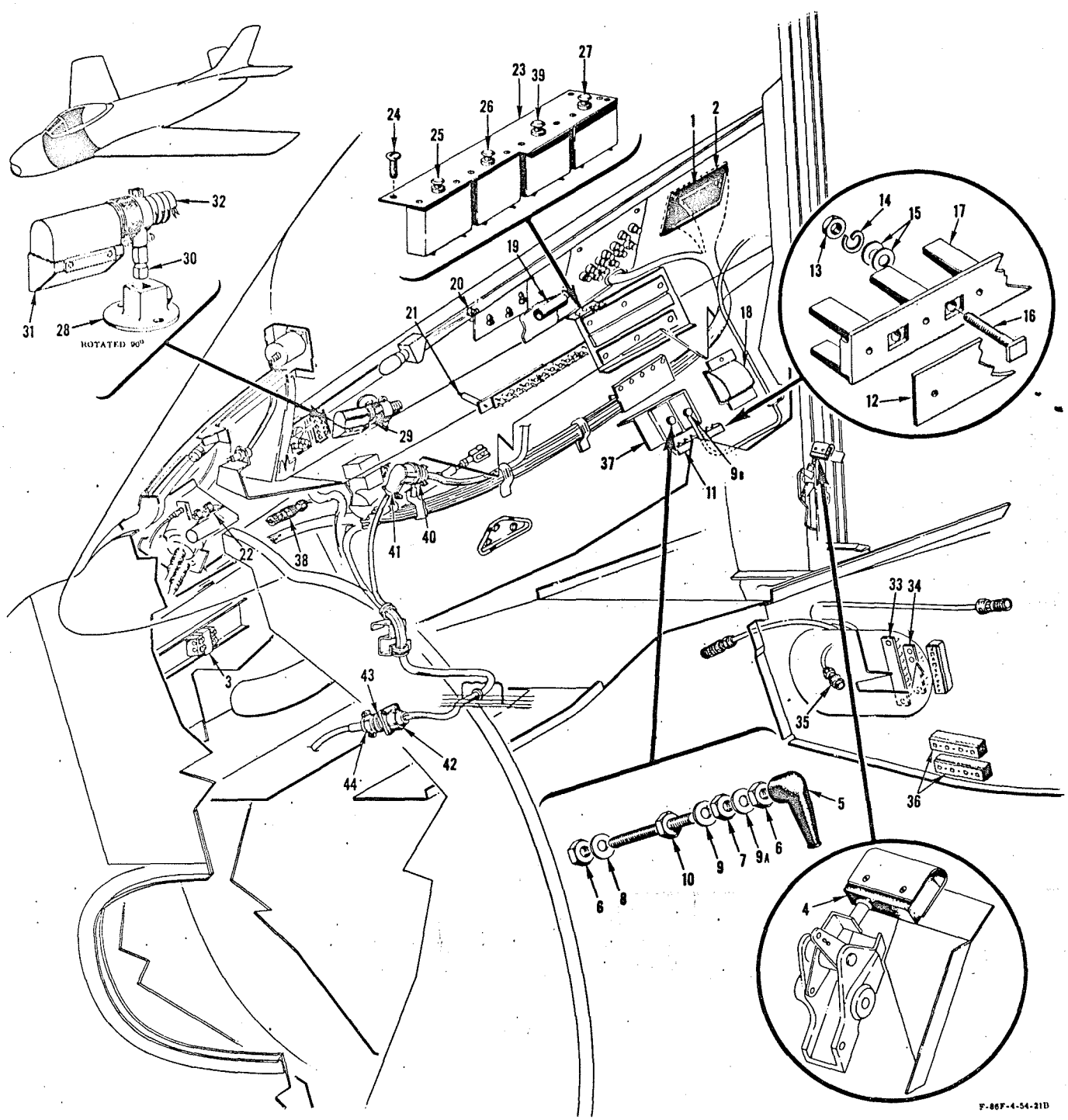


FIGURE 305 - FUSELAGE STATION 62.58 TO 131 ELECTRICAL EQUIPMENT RH SIDE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
305	No Number	FUSELAGE STA 62.58 TO 131 ELEC EQUIP. RH SIDE, (see fig. 278 for next assy)(see fig. 304 for additional breakdown)	NP	
-1	YHS100S6	. TERMINAL BLOCK, (Burndy)	1	
	A3	. CLIP, (Burndy)	3	
	8-32NC3	. SCREW, (Standard Pressed Steel)	12	
-2	130-51066	. GASKET, Pressurized thermocouple panel	1	
	152-54034	. COVER, Fuselage sta 114 1/4 RH elec pressure disconnect	1	P
	152-54034-10	. COVER, Fuselage sta 114 1/4 RH elec pressure disconnect	1	R
	172-54088-2	. SHIELD ASSY, Elec pressure disconnect	1	

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
305	140-54108		.	CLIP, Pressurized elec disconnect panel holddown	1	
	1J1-3-4-8		.	JUMPER, Wire (North American)	1	F,G,J
-3	140-54117-20	*1	.	SWITCH ASSEMBLY, Landing gear position indicator	2	
	ATTACHING PARTS					
	AN515-6R32		.	SCREW	2	
	---*---					
	10-15045		.	. BOOT, (Micro Switch)(intrch wth Micro Switch 10-10102)	1	
	BZ3YST		.	. SWITCH, (canopy open ext switch) (Micro Switch) (intrch wth AN3215-1)	1	
	159-48167		.	. INSULATOR, Fuel selector valve control micro switch	1	
-4	BZ7RQ1T		.	SWITCH, (canopy seal dump switch) (Micro Switch) (intrch wth Micro Switch BZ7YQ1T1)	1	
	8C4-3		.	COVER, Switch protector (North American)	1	
-5	AN781-3		.	NIPPLE	2	
-6	AN364B624		.	NUT	4	
-7	AN341-616		.	NUT	2	
-8	AN960D616		.	WASHER	2	
-9	2W1P25-28-125		.	WASHER, Plain (North American)	2	
-9A	2W1-24-20-78		.	WASHER, Plain (North American)	2	
-9B	151-54037-3		.	TERMINAL, Elec press	1	
-10	151-54037-5		.	TERMINAL, Electrical pressurized (pressure)	1	
-11	3T3-5-2		.	TERMINAL BLOCK ASSEMBLY, (hydraulic system emer over-ride)	1	T
-12	AN3437-3-3		.	STRIP	1	V
-13	AN341-416		.	NUT	2	V
-14	AN935-416		.	WASHER	2	V
-15	2W1-16-18-78		.	WASHER, Plain (North American)	4	V
-16	AN3432-428-20		.	STUD	2	V
-17	3T2-2		.	TERMINAL BLOCK, (North American)	1	V
-18	AN3370-1		.	RELAY, 200 amp spst (bus tie-in relay)	1	
	172-54020		.	BUS BAR, Electrical bus tie-in relay to power	1	
	120-54229		.	COVER ASSEMBLY, Type B8 relay	1	
	MS25171-1S		.	NIPPLES, Control terminals	2	
	MS25171-3S		.	NIPPLE, Power terminals	1	
-19	10245-1		.	LAMP ASSY, Cockpit type C4A 24V dc (Spec 94-32294D)(Soderburg)	1	A
	AN3436-2-1		.	TERMINAL BLOCK ASSEMBLY	1	A
	397-1		.	COVER, (Henry Engineering)	1	A
	172-54026		.	SPACER, Electrical type C4 lamp assembly	1	A,S
-20	1028-4		.	BASE ASSY, Cockpit lamp type (Soderburg)	1	
	172-54090		.	BASE, Elec instrument panel aux RH floor light mounting	1	
	AN3436-2-1		.	TERMINAL BLOCK ASSEMBLY, (cockpit utility light)	1	
	397-1		.	COVER, (Henry Engineering)	1	
-21	B10F30		.	RESISTOR, (radio terminal strip) (Clarostat)	1	
-22	165-54152		.	PANEL ASSY, Elec stand-by compass light resistor	1	B
	165-54152-20		.	PANEL ASSY, Elec stand-by compass light resistor	1	C
	RW16J141		.	RESISTOR, (stand-by compass light) (Ohmite)	1	
-23	172-54021		.	NAMEPLATE, Electrical RH console circuit breaker	1	B,D
	172-54021-10		.	NAMEPLATE, Electrical RH console circuit breaker	1	H,M
	ATTACHING PARTS					
-24	AN515-6R6		.	SCREW	7	H,M
	---*---					
-25	AN3161P10	*2	.	CIRCUIT BREAKER, (instrument inverts, main)	1	H,M
-26	AN3161P10	*2	.	CIRCUIT BREAKERS, (instrument inverters, alternate)	1	H,M
-27	AN3161P5	*2	.	CIRCUIT BREAKERS, (fire warning)	1	H,M
-28	1028-4		.	BASE ASSY, Cockpit lamp type (Soderburg)	1	
-29	172-54086-2		.	LIGHT ASSY, Elec primary instrument flood (right side)	1	
-30	A4902		.	. POST AND BRACKET ASSY, Instrument light (Grimes)	1	
-31	A4255A5		.	. LIGHT ASSY, Instrument red (Grimes)	1	
-32	172-54086-7		.	. CORD, Elec primary instrument flood light extension (altered from 8001 Whitney-Blake)	1	
	AN3131-303		.	LAMP, (instrument flood lights)	1	
-33	AN3436-2-10		.	TERMINAL BLOCK ASSEMBLY, (wing RH center)	1	
	397-10		.	COVER, (Henry Engineering)	1	
-34	AN3436-2-9		.	TERMINAL BLOCK ASSEMBLY, (wing RH center)	1	B,D
	AN3436-2-10		.	TERMINAL BLOCK ASSEMBLY, (wing RH center)	1	E
	397-9		.	COVER, (Henry Engineering)	1	B,D
	397-10		.	COVER, (Henry Engineering)	1	E
-35	AN3106M22-14S		.	PLUG, (center wing hydraulic pressure)	1	
-36	AN3436-2-10		.	TERMINAL BLOCK ASSEMBLY	2	
	397-10			COVER, (Henry Engineering)	2	
-37	172-54042		.	GUARD, Elec RH side fus sta 119 battery studs	1	
-38	AN3101A16S1S		.	RECEPTACLE, (N9 G.S.A.P. camera)	1	N
	AN3057-8A		.	ADAPTER	1	N
-39	AN3161P5	*2	.	CIRCUIT BREAKER, (oxygen regulator)	1	B
-40	KO1-21-30SN		.	RECEPTACLE, Flangeless (Canon)	1	U
-41	KO821 5/8		.	ADAPTER, (Canon)	1	U
-42	AN3102M22-14S		.	CONNECTOR	1	U
-43	AN3106B22-14P		.	CONNECTOR	1	U
-44	AN3057-12A		.	ADAPTER	1	U

USEABLE ON CODE:

A	51-13070 thru 51-13079	F	51-13070 thru 51-13089		52-5381 and subs	T	51-2850 thru 52-5163
B	51-2850 thru 51-12976	G	51-13090 thru 51-13510	P	51-2850 thru 51-13510,V 52-5164 thru 52-5271,		
C	51-13070 thru 53-1228	H	51-13170 thru 51-13510		52-5164 thru 52-5272, 53-1072 and subs		
D	51-13070 thru 51-13169	J	52-5272 and subs		53-1072 and subs	U	55-3831 and subs
E	51-13170 and subs	M	52-4305 and subs	R	52-4305 thru 52-5163		
		N	52-4746 thru 52-5271,	S	51-2850 thru 51-2943		

*1 Not used on aircraft modified per T.O. 1F-86-120.

*2 AN3161P( ) circuit breakers are intrch with MS24506( ) of the same dash number.

FUSELAGE ELECTRICAL (Cont)

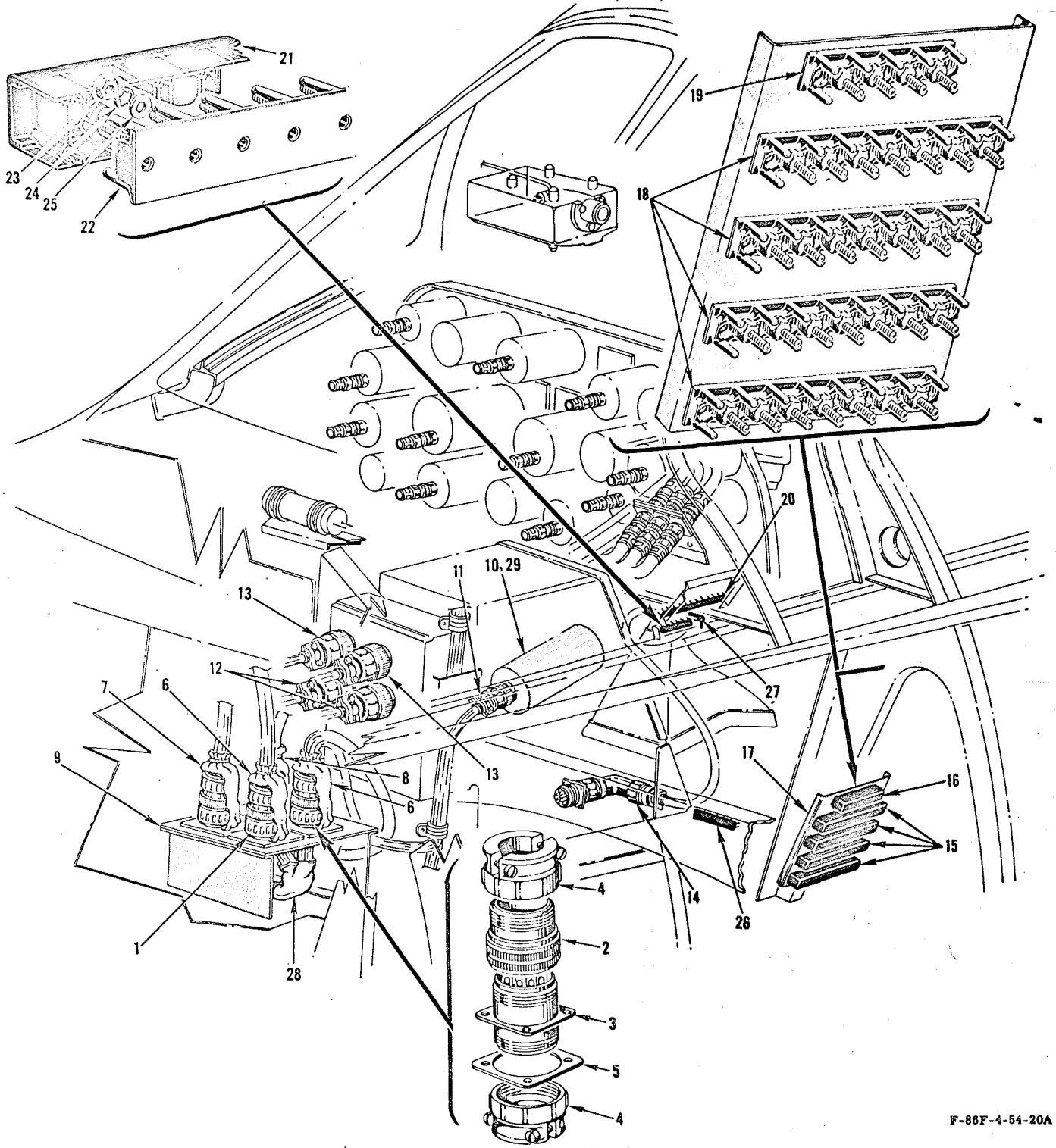


FIGURE 306 - FUSELAGE STATION 53.5 TO 62.58 ELECTRICAL EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
306	No Number	FUSELAGE STA 53.5 TO STA 62.58 ELEC EQUIP. (see fig. 278 for next assembly)	NP	
	No Number	. PILOT'S INSTRUMENT PANEL ELECTRICAL EQUIPMENT (see figure 307 for breakdown)	NP	
	No Number	. PEDESTAL ASSEMBLY AND ROCKET SETTING UNIT EXTENSION (see figure 309 for breakdown)	NP	A,*1
	No Number	. PEDESTAL ASSY AND ROCKET SETTING UNIT EXTENSION (see figure 310 for breakdown)	NP	A,*2
	172-54104	. PEDESTAL ASSY, Elec center complete (see fig. 312 for bkdn)	1	K,V
	172-54104-10	. PEDESTAL ASSY, Elec center complete (see fig. 312 for bkdn)	1	M

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
306	172-54104-20	.	PEDESTAL ASSY, Elec center complete (see fig. 312 for bkdn) .	1	R
	172-54104-30	.	PEDESTAL ASSY, Elec center complete (see fig. 312 for bkdn) .	1	S
	172-54104-30	.	PEDESTAL ASSY, Elec center complete (see fig. 312 for bkdn) .	1	T
	172-54104-50	.	PEDESTAL ASSY, Elec center complete (see fig. 312 for bkdn) .	1	Y
	172-54104-60	.	PEDESTAL ASSY, Elec center complete (see fig. 312 for bkdn) .	1	CC
	227-54104	.	PEDESTAL ASSY, Elec center complete (see fig. 312 for bkdn) .	1	DD
-1	AN3106A32-7S	.	PLUG, (pressure disconnect)	1	A,C
	AN3106B32-7S	.	PLUG, (pressure disconnect)	1	N
	AN3106M32-7S	.	PLUG, (pressure disconnect)	1	FF
	54A3A224-32-7S	.	PLUG, (pressure disconnect) (BuAer)	1	BB
	AN3100C32-7P	.	RECEPTACLE, (pressure disconnect)	1	
	AN3057-20A	.	ADAPTER	2	L
	4G3-32	.	GASKET, Pressure plug (North American)	1	L
-2	AN3106B28-11S	.	PLUG, (pressure disconnect)	1	EE
	AN3106H28-11S	.	PLUG, (pressure disconnect)	1	FF
	54A3A224-28-11S	.	PLUG, (pressure disconnect) (BuAer)	1	BB
-3	AN3100C28-11P	.	RECEPTACLE, (pressure disconnect)	1	
-4	AN3057-16A	.	ADAPTER	2	L
-5	4G3-28	.	GASKET, Pressure plug (North American)	1	L
-6	144-54071	.	COVER ASSY, Electrical connector to plug	2	L
-7	AN3106B28-12S	.	PLUG, (pressure disconnect)	1	A
	AN3100C28-12P	.	RECEPTACLE, (pressure disconnect)	1	A
	AN3057-16A	.	ADAPTER	2	A
	4G3-28	.	GASKET, Pressure plug (North American)	1	A
	144-54071	.	COVER ASSY, Electrical connector to plug	1	A
-8	AN3108A28-12S	.	PLUG, (pressure disconnect)	1	A
	AN3100C28-12P	.	RECEPTACLE, (pressure disconnect)	1	A
	AN3057-16A	.	ADAPTER	2	A
	4G3-28	.	GASKET, Pressure plug (North American)	1	A
-9	161-54042	.	PANEL, Electrical pressure disconnect plugs	1	
-10	665097	.	ROCKET SETTING ASSEMBLY, (rocket setting unit) (Sperry) . . . (component of AERNO 52-5262) (GFAE)	1	A,*1
-11	AN3106B18-8S	.	PLUG, (rocket setting unit)	1	A
	AN3057-10A	.	ADAPTER	1	A
	AN3106B22-14S	.	PLUG, (rocket setting unit)	1	B
	AN3054-12	.	NUT	1	B
	2W1P48-36-63	.	WASHER, Plain (North American)	1	B
	2W1SR32-36-91	.	WASHER, Plain (North American)	1	B
-12	AN3106B32-7S	.	PLUG, (pedestal disconnect) (LH lower)	2	B
	AN3106B32-7SW	.	PLUG, (pedestal disconnect) (RH lower)	1	B
-13	AN3106B28-11S	.	PLUG, (pedestal disconnect) (N9 camera) (RH upper)	1	B
	AN3106B28-11SW	.	PLUG, (pedestal disconnect) (LH upper)	1	
	AN3057-20A	.	ADAPTER	2	B
	AN3057-16A	.	ADAPTER	2	B
	144-54071	.	COVER, Electrical connector plug	4	B
-14	AN3102A20-27S	.	RECEPTACLE, (control stick)	1	
	161-54110	.	PLATE, Elec stick control disconnect plug retainer	1	
-15	397-7	.	COVER, (Henry Engineering)	4	
-16	397-4	.	COVER, (Henry Engineering)	1	F
-17	172-54071	.	PANEL ASSY, Electrical terminal strip fus sta 80.97	1	E
	172-54071-10	.	PANEL ASSY, Electrical terminal strip fus sta 80.97	1	F
-18	AN3436-2-7	.	. TERMINAL BLOCK ASSY, (gun bay press. disconnect)	4	
-19	AN3436-2-4	.	. TERMINAL BLOCK ASSY, (gun bay press. disconnect)	1	F
-20	AN3436-2-10	.	TERMINAL BLOCK ASSY, (landing gear control disconnect) . . .	1	A,H
	AN3436-2-11	.	TERMINAL BLOCK ASSY, (landing gear control disconnect) . . .	1	D,G,S
	397-10	.	COVER, (Henry Engineering)	1	A,H
	397-11	.	COVER, (Henry Engineering)	1	D,G
-21	397-6	.	COVER, (Henry Engineering)	1	A
	397-5	.	COVER, (Henry Engineering)	1	C,J
-22	AN3436-2-6	.	TERMINAL BLOCK ASSEMBLY, (landing gear control disconnect) .	1	A
	AN3436-2-5	.	TERMINAL BLOCK ASSEMBLY, (landing gear control disconnect) .	1	C,J
-23	AN341-6	.	NUT	6	A
-24	AN936A6B	.	WASHER	6	A
-25	AN961-6	.	WASHER	6	A
	AN341-6	.	NUT	5	C,J
	AN936A6B	.	WASHER	5	C,J
	AN961-6	.	WASHER	5	C,J
-26	AN3436-2-6	.	TERMINAL BLOCK ASSY, (flasher pressure receptacle)	1	P
	AN397-6	.	COVER, (Henry Engineering)	1	P
-27	RW31J800	.	RESISTOR, (Spec JAN-R26A)	1	AA
-28	202-54075	.	INSULATOR, Wire elec bundle protecting	1	Q,Z
-29	672636		SIGHT SELECTOR UNIT, Type A4 (GFAE) (Sperry) (see fig. 312) . .	Ref	

*1 Not used on airplanes modified per T. O. 1F-86-515. See fig. 311.
*2 Used on airplanes modified per T. O. 1F-86-515.

USEABLE ON CODE:

A 51-2850 thru 51-2943
B 51-12936 and subs
C 51-12936 thru 51-12976
D 51-13070 thru 51-13089
E 51-2850 thru 51-2877
F 51-2878 and subs
G 51-12936 thru 51-12969
H 51-13170 thru 52-5163, 51-5272 thru 52-5530
J 51-13070 thru 51-13169
K 51-12936 thru 51-13169
L 51-2850 thru 53-1228
M 51-13170 thru 51-13510, 52-4305 thru 52-4745
P 52-4905 thru 52-5271, 52-5387 and subs
Q 52-5164 thru 53-1228
R 52-4746 thru 52-4963
S 52-5164 thru 52-5271, 53-1072 and subs
T 52-4964 thru 52-5163
V 52-5272 thru 52-5277, 52-5279 thru 52-5290, 52-5292, 52-5294, 52-5295, 52-5297 thru 52-5298, 52-5300 thru 52-5302, and 52-5304
Y 52-5278, 52-5291, 52-5293, 52-5296, 52-5299, 52-5303 & 52-5305 thru 52-5380
Z 52-4305 thru 52-5163
AA 51-13070 thru 52-4954, 52-5164 thru 52-5386 & 53-1072 and subs
BB 55-3816 and subs
CC 55-3816 thru 55-3875
DD 55-3876 and subs
EE 51-2850 thru 51-5163 52-5272 thru 52-5480
FF 52-5164 thru 52-5271, 52-5481 thru 53-1228

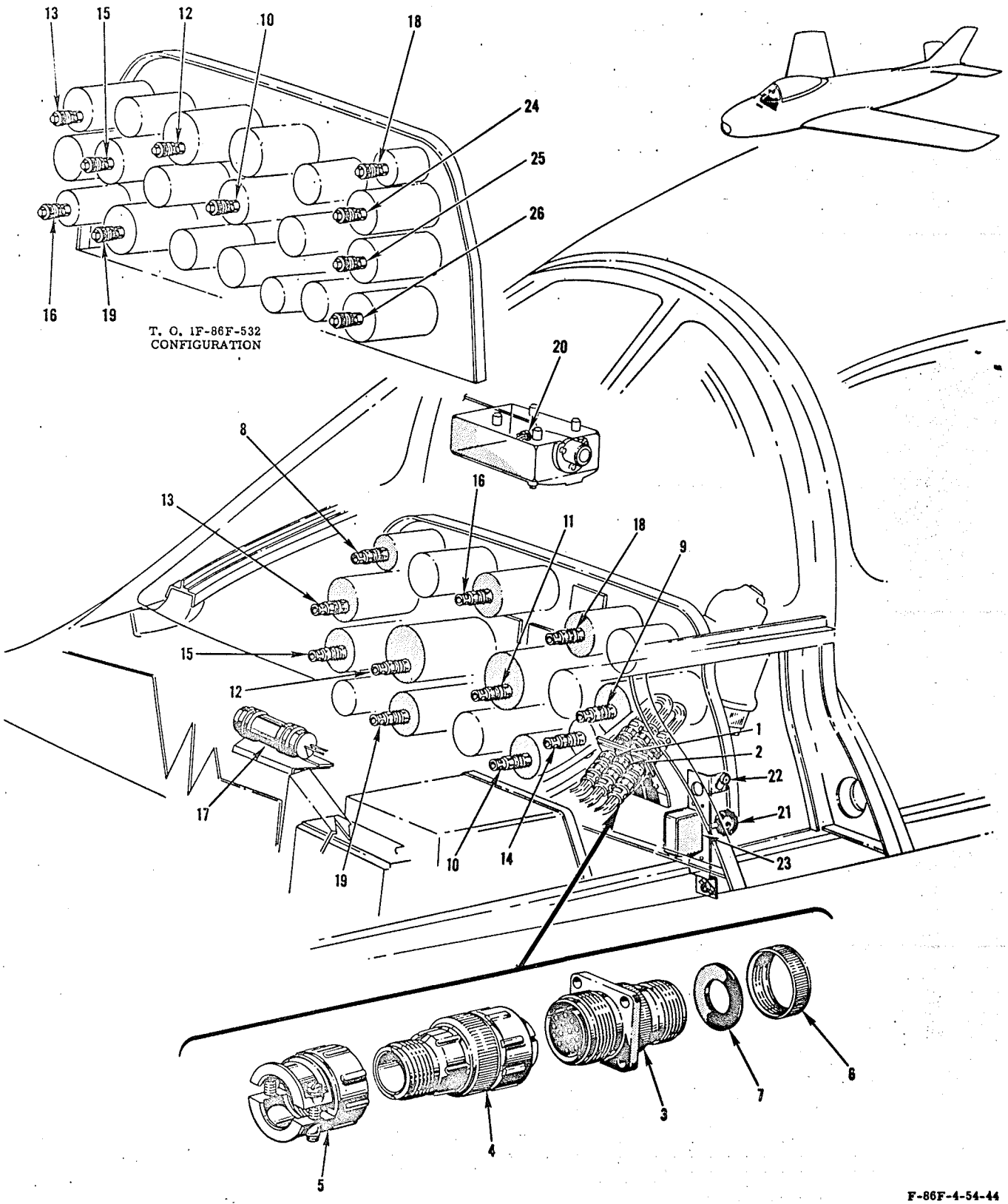


FIGURE 307 - PILOT'S INSTRUMENT PANEL ELECTRIC EQUIPMENT

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
307	No Number		PILOT'S INSTRUMENT PANEL ELECTRIC EQUIPMENT (see fig. 306 for next assembly)	NP	
-1	AN3100A16S1S	*1	RECEPTACLE (instrument panel light disconnect)	1	A,B
	AN3106B16S1P	*1	PLUG (instrument panel light disconnect)	1	A,B
	MS3102A20-27S	*2	CONNECTOR, (instrument panel disconnect)	1	
	MS25183-20-27P	*2	CONNECTOR, (instrument panel disconnect)	1	
	AN3057-8A		ADAPTER	2	A,B
-2	AN3100A18-1S		RECEPTACLE (instrument panel light disconnect)	1	A,B,C
	AN3106B18-1P	*1	PLUG (instrument panel light disconnect)	1	A,B,C
	MS25183-18-1P	*2	CONNECTOR, (instrument panel disconnect)	1	
	AN3057-10A		ADAPTER	2	A,B,C
	AN3100A20-27S		RECEPTACLE (instrument panel light disconnect)	1	D,E,F
	AN3106B20-27P	*1	PLUG (instrument panel light disconnect)	1	D,E,F
	MS25183-20-27P	*2	CONNECTOR, (instrument panel disconnect)	1	
	AN3057-10A		ADAPTER	1	D,E,F
-3	AN3100A22-14S	*1	RECEPTACLE (instrument panel light disconnect)	1	C,D,E,F
	MS3102A22-14S	*2	RECEPTACLE, (instrument panel disconnect)	1	
-4	AN3106B22-14P	*1	PLUG (instrument panel light disconnect)	1	C,D,E,F
	MS25183-22-14P	*2	CONNECTOR, (instrument panel disconnect)	1	
-5	AN3057-12A		ADAPTER	1	C,D
	AN3057-12A		ADAPTER	2	E,F
-6	AN3054-12		NUT	1	C,D
	AN3054-12		NUT	2	E,F
-7	2W1R24-36-91		WASHER (North American)	1	D,E,F
	2W1R24-36-91		WASHER (North American)	2	C
	2W1R32-36-91		WASHER (North American)	1	C,D,E,F
-8	AN3106B14S2S		PLUG (fuel pressure indicator)	1	A,B,E,P
	AN3054-6		NUT	1	A,B,E,P
	2W1SR16-22-125		WASHER (North American)	1	A,B,E,P
	2W1P32-22-63		WASHER (North American)	1	A,B,E,P
-9	AN3106B14S2S		PLUG (ID90A/ARN6 radio compass)	1	
	AN3057-6A		ADAPTER	1	
-10	AN3106B10SL3S		PLUG (turn and bank)	1	
	AN3054-4		NUT	1	
	2W1SR16-18-91		WASHER (North American)	1	
	2W1P32-18-63		WASHER (North American)	1	
-11	AN3106B14S5S		PLUG (compass indicator)	1	
	AN3057-6A		ADAPTER	1	
-12	AN3106B10SL3S		PLUG (altitude gyro)	1	
	AN3057-4A		ADAPTER	1	
-13	AN3106B10SL3S		PLUG (tachometer)	1	
	AN3057-4A		ADAPTER	1	
-14	AN3106B10SL4S		PLUG (instrument panel vibrator)	1	
	AN3057-4A		ADAPTER	1	
-15	AN3106B18-12S		PLUG (fuel flow to totalizer indicator)	1	A,D,G
	AN3054-10		NUT	1	A,D,G
	2W1R20-30-125		WASHER (North American)	1	A,D,G
	AN3106B14S2S		PLUG (fuel flow to totalizer)	1	C,H,Q
	AN3054-6		NUT	1	C,H,Q
	2W1SR16-22-125		WASHER (North American)	1	C,H,Q
	2W1P32-22-63		WASHER (North American)	1	
-16	AN3106B14S2S		PLUG (oil pressure indicator)	1	
	AN3054-6		NUT	1	
	2W1SR16-22-91		WASHER (North American)	1	
	2W1P32-18-63		WASHER (North American)	1	
-17	HC1560		CONDENSER, (Liquidensitometer) (Mallory, P.R.)	1	
-18	AN3106B14S2S		PLUG, (hydraulic pressure warning)	1	
	AN3054-6		NUT	1	
	2W1SR16-22-91		WASHER, Plain (North American)	1	
	2W1P32-22-63		WASHER, Plain (North American)	1	
-19	AN3106B14S2S		PLUG, (liquidensitometer indicator)	1	
	AN3057-6A		ADAPTER	1	
-20	102-0		PLUG, (G.S.A.P. camera) (Burton)	1	N
	AN3100A16S1S		PLUG, (N9 G.S.A.P. camera)	1	P
	AN3106B16S1S		PLUG, (N9 G.S.A.P. camera)	1	R
	AN3057-8A		ADAPTER	1	R
-21	10671	*1	SWITCH ASSY, Illuminated landing gear control (type B) (alighting gear) (Carma) (reworked per T.O. 1F-86-141)	1	M
-22	C8100	*1	SWITCH ASSY, (alighting gear up) (Hetherington)	1	M
-23	172-54041	*1	BRACKET ASSY, Elec alighting switch mounting	1	M
-24	MS25183-22-14S	*2	CONNECTOR, (ID 250/ARN course indicator)	1	
-25	MS25183-28-12S	*2	CONNECTOR, (ID 351/ARN course indicator)	1	
-26	MS25183-28-12S	*2	CONNECTOR, (ID 310/ARN range indicator)	1	

*1 Removed from airplanes modified per T.O. 1F-86F-532.
*2 Used on airplanes modified per T.O. 1F-86F-532.

USEABLE ON CODE:

A	51-2850 thru 51-12969	J	52-5272 thru 52-5530
B	51-13070 thru 51-13089	K	51-2850 thru 51-2943
C	52-4305 thru 52-5271	M	51-2850 thru 51-2877
D	51-12970 thru 51-12976	N	52-4305 thru 52-4745
E	51-13090 thru 51-13510	P	52-4305 thru 52-4904, 52-5272 thru 52-5446
F	52-5272 and subs	Q	55-3816 and subs
G	51-13070 thru 51-13109	R	52-5214 thru 52-5271, 53-1072 and subs
H	51-13110 thru 51-13510		
J	51-13070 thru 51-13510,		

T. O. 1F-86F-4
FUSELAGE ELECTRICAL (Cont)

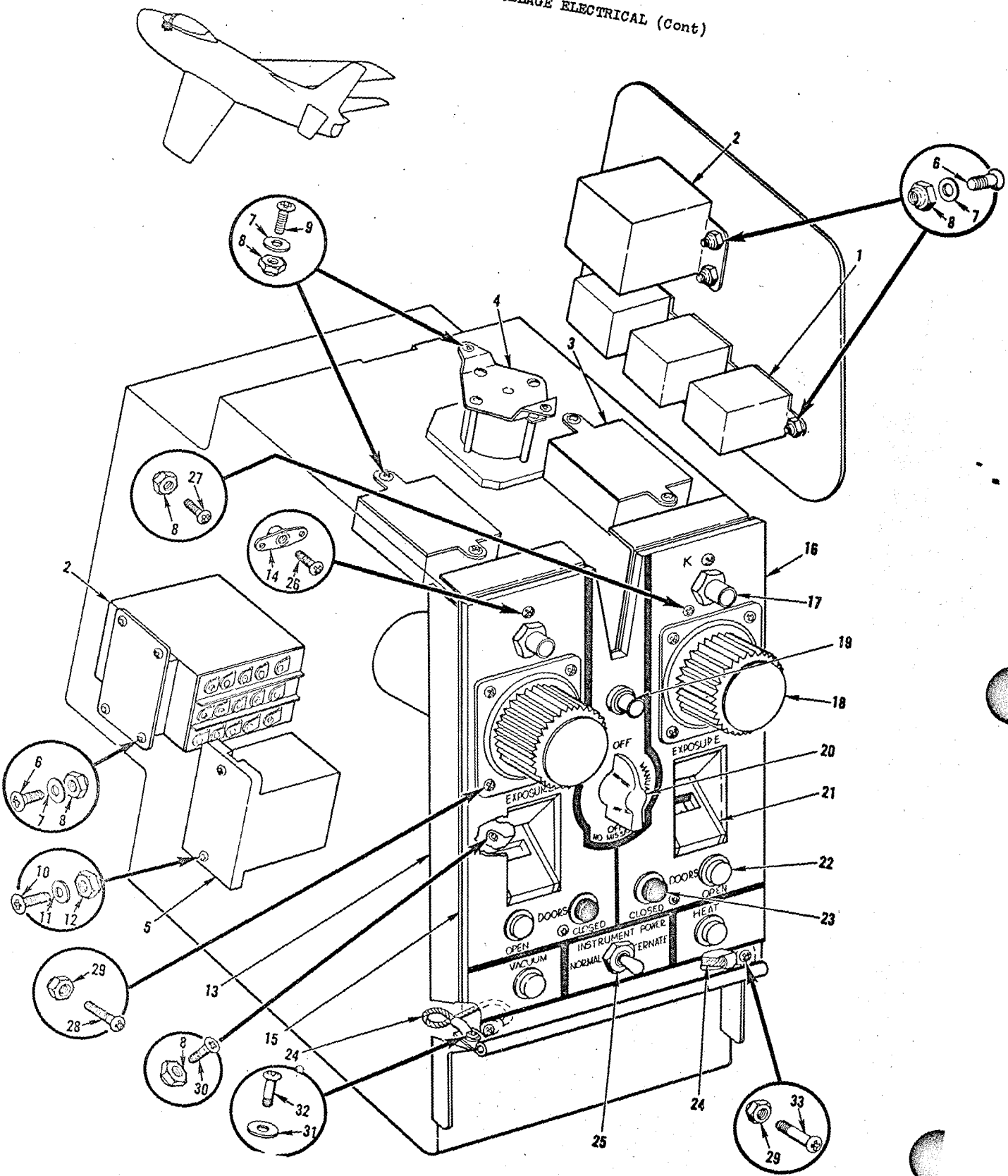


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FIGURE 308 - PEDESTAL MODIFICATION

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
308	55FEE601	*1	Pedestal Modification	NP	
-1	237EAU24		. Relay, (Leach)	1	
-2	AN3312-1		. Relay, 10 Amp, 3 PDT	2	
-3	A4853		. Radio Noise Filter (Component of Index No. 18 Below)	2	
-4	AN3350-2		. Relay, 50 Amp, SPST	1	
-5	AN3319-1		. Relay, 20 Amp, SPST, Normally Closed	1	
-6	AN507-632R7		. Screw	10	
-7	AN960D6L		. Washer	16	
-8	AN365-632		. Nut	24	
-9	AN515-6R7		. Screw	6	
-10	AN507-1032R10		. Screw	2	
-11	AN960D10L		. Washer	2	
-12	AN365-1032		. Nut	2	
-13	54FEF317		. Insert Modification, Pedestal, Center	1	
-14	AN366F832		. Nut Plate	2	
-15	55FEC603		. Panel, Shield, Pedestal, Center	1	
-16	55FEC602		. Panel, Pedestal, Center	1	
-17	AN3157-3		. Light Assy, Press To Test, Indicator	2	
	AN3121-313		. . Lamp, Incandescent, Bayonet Base	2	
-18	50D17600		. Intervalometer, Type B-9	2	
-19	40A7419-1		. Light Assy, (Dial Light)	1	
	321W		. . Lamp, (General Electric)	1	
-20	MS25002-6		. Switch, Rotary	1	
-21	B5059-1		. Counter (Component of Index No. 18 Above)	2	
-22	40A7419-1		. Light Assy, (Dial Light)	2	
	320G		. . Lamp, (General Electric)	4	
-23	40A7419-1		. Light Assy, (Dial Light)	4	
	320R		. . Lamp, (General Electric)	2	
-24	AN749-3-3		. Jumper	2	
-25	AN3027-3		. Switch, DP, Toggle	1	
-26	AN515-8R12		. Screw	2	
-27	AN515-6R8		. Screw	4	
-28	AN515-8R10		. Screw	8	
-29	AN365-832		. Nut	13	
-30	AN507-632R6		. Screw	4	
-31	AN960D8L		. Washer	2	
-32	AN515-8R7		. Screw	2	
-33	AN515-8R8		. Screw	5	

*1 Used on RF-86F-30 airplanes only

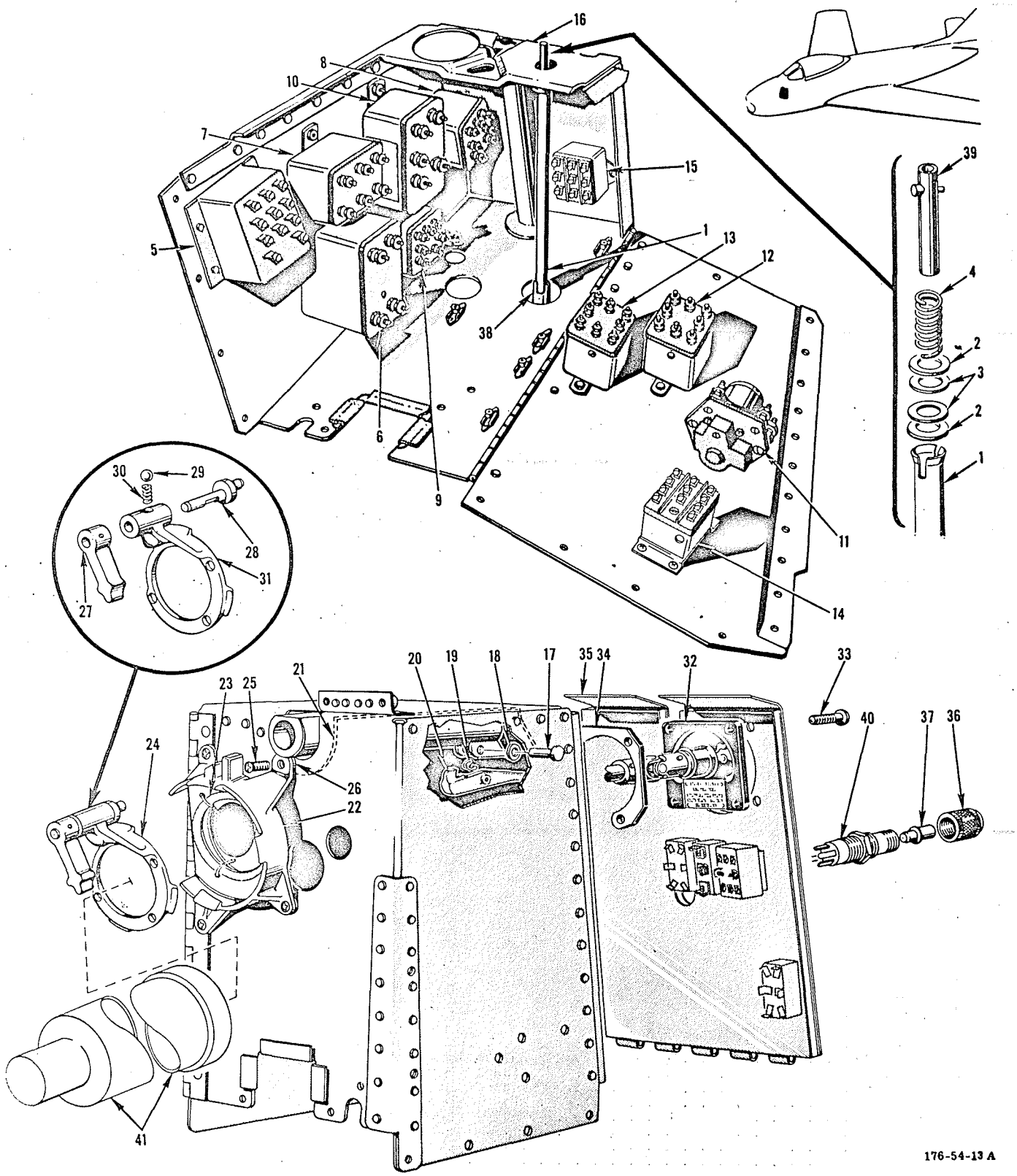

FIGURE 309 - PEDESTAL ASSEMBLY AND RDA UNIT EXTENSION

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
309	No Number		PEDESTAL ASSEMBLY AND ROCKET SETTING UNIT EXTENSION, (see figure 306 for next assembly)	NP	A,B,*1
	170-54104-30	.	PEDESTAL ASSEMBLY, Center electrical complete	1	A,*1
	170-54104-40	.	PEDESTAL ASSEMBLY, Center electrical complete	1	B,*1
-1	151-54112	. .	SHAFT, Rocket depression angle unit extension electrical	1	A,B,*1
-2	AN960-616L	. .	WASHER	3	A,B,*1
-3	AN960-616	. .	WASHER	2	A,B,*1
-4	130-52419	. .	SPRING, Tension	1	A,B,*1
-5	AN3316-1	. .	RELAY, (10 amp 3 pdt) (bus tie-in control) (intrch wth AN3316-2)	1	A,B,*1
-6	1227-893	. .	RELAY, (landing lights) (Leach)	1	A,B,*1
-7	237EAU	. .	RELAY, (bus tie-in control) (Leach)	1	A,B,*1
-8	237EAU	. .	RELAY, (fragmentation bomb selector) (Leach)	1	A,B,*1
-9	237EAU	. .	RELAY, (bomb release control) (Leach)	1	A,B,*1
-10	1251-937	. .	RELAY, (G.S.A.P. camera control) (Leach)	1	A,B,*1
-11	AN3350-1	. .	RELAY, (bomb release power)	1	A,B,*1
-12	237EAU	. .	RELAY, (fuel tank jettison) (Leach)	1	A,B,*1
-13	237EAU	. .	RELAY, (landing gear warning horn) (Leach)	1	A,B,*1
-14	AN3312-1	. .	RELAY, (alternate hydraulic tie-in control)	1	B,*1
-15	AN3311-1	. .	RELAY, (alternate hydraulic power control)	1	B,*1
-16	152-54106-30	. .	SHIELD ASSEMBLY, Center electrical pedestal	1	A,*1
	152-54106-40	. .	SHIELD ASSEMBLY, Center electrical pedestal	1	B,*1
-17	AN393-25	. . .	PIN	1	A,B,*1
-18	AN960D10	. . .	WASHER	1	A,B,*1
-19	151-52030	. . .	SPRING, Surface controls lock tube locking lever	1	A,B,*1
-20	151-52027	. . .	LEVER ASSY, Surface controls lock tube locking	1	A,B,*1
-21	151-52022	. . .	GUIDE, Surface controls lock tube	1	A,B,*1
-22	170-54436-3	. .	MOUNTING, Electrical rocket setting unit	1	A,B,*1
-23	170-54440	. .	SPRING, Electrical rocket mounting unit	1	A,B,*1
-24	170-54437	. .	MOUNTING ASSEMBLY, Electrical rocket setting unit	1	A,B,*1
	ATTACHING PARTS				
-25	AN515-8R10	. .	SCREW	3	A,B,*1
-26	AN960D10	. .	WASHER	1	A,B,*1
	---*---				
-27	170-54441	. . .	HANDLE, Electrical rocket setting unit mounting lock	1	A,B,*1
-28	170-54438	. . .	CAM, Electrical rocket setting unit mounting lock	1	A,B,*1
-29	No Number	. . .	BALL, Corrosion resistant steel 7/32 diameter (Strom Steel Ball)	1	A,B,*1
-30	170-54439	. . .	SPRING, Compression	1	A,B,*1
-31	170-54436-5	. . .	MOUNTING, Electrical rocket setting unit (intrch wth 170-954436-5)	1	A,B,*1
-32	151-54446	. .	SCALE ASSEMBLY, Electrical bomb target wind (altered from GFAE AC Spark Plug 665088)	1	A,B,*1
	ATTACHING PARTS				
-33	AN515-6R5	. .	SCREW	4	A,B,*1
	---*---				
-34	170-54039	. .	SPACER, Electrical bomb target wind scale assembly	1	A,B,*1
-35	151-54320-40	.	COVER ASSEMBLY, Center pedestal electrical (see figure 326 for breakdown)	1	A,B,*1
-36	A4364	.	LAMP HOUSING ASSY, Instrument light (Grimes)	5	A,B,*1
-37	AN3121-313	.	LAMP, (instrument light)	5	A,B,*1
-38	151-54118	.	SLEEVE ASSEMBLY, Electrical RDA unit extension shaft	1	A,B,*1
-39	151-54113	.	COUPLING ASSEMBLY, RDA unit extension shaft	1	A,B,*1
-40	A4363		SOCKET AND CONTRACT ASSY, Instrument light (Grimes) (see fig. 326)	Ref	
-41	665097		ROCKET SETTING ASSY, (rocket setting unit) (component of AERNO 52-5262) (see figure 306)	Ref	

USEABLE ON CODE: A 51-2850 thru 51-2927
B 51-2928 thru 51-2943

*1 Not used on airplanes modified per T. O. 1F-86-515. See fig. 310 for modified configuration.

FUSELAGE ELECTRICAL (Cont)

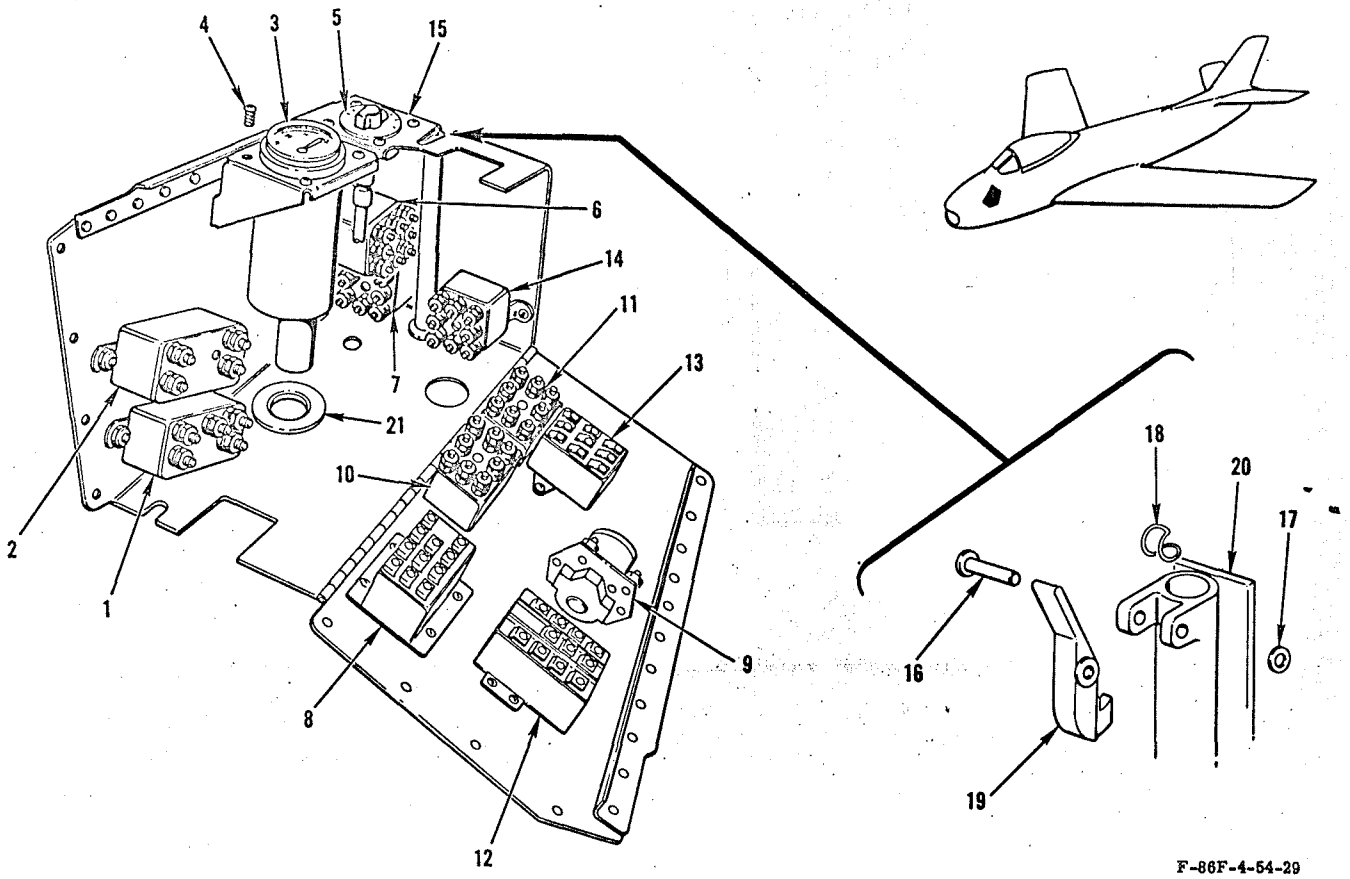

FIGURE 310 - PEDESTAL ASSEMBLY AND ROCKET SETTING UNIT EXTENSION (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
310	No Number	*1 PEDESTAL ASSEMBLY AND ROCKET SETTING UNIT EXTENSION (MODIFICATION) (see fig. 306 for next assy)	NP	A,B
-1	1251-937	. RELAY, (camera control) (Leach)	1	A,B
-2	1227-893	. RELAY, (landing lights) (Leach)	1	A,B
-3	5589533	. ROCKET DEPRESSION ANGLE UNIT (GFAE)	1	A,B
	ATTACHING PARTS			
-4	AN515-6R12	. SCREW	4	A,B
	---*---			
-5	151-54446	. SCALE ASSY, Electrical bomb target wind (altered from GFAE AC spark plug 665088)	1	A,B
	170-54039	. SPACER, Electrical bomb target wind scale assy	1	A,B
-6	237EAU	. RELAY, (fragmentation bomb selector) (Leach)	1	A,B
-7	237EAU	. RELAY, (fuel tank jettison) (Leach)	1	A,B
-8	AN3316-1	. RELAY, (bus tie-in) (Leach)	1	A,B
-9	AN3350-1	. RELAY, 50 amp spst (bomb release power)	1	A,B
-10	237EAU	. RELAY, (landing gear warning horn) (Leach)	1	A,B
-11	237EAU	. RELAY, (bomb release control) (Leach)	1	A,B
-12	AN3312-1	. RELAY, (alternate hydraulic bus tie-in)	1	B
-13	AN3311-1	. RELAY, (alternate hydraulic power control)	1	B
-14	237EAU	. RELAY, (bus tie-in) (Leach)	1	A,B
-15	152-54106-30	. SHIELD ASSY, Center electrical pedestal	1	A
	152-54106-40	. SHIELD ASSY, Center electrical pedestal	1	B
-16	AN393-15	. . PIN	1	A,B
-17	AN960D10	. . WASHER	1	A,B
-18	151-52030	. . SPRING, Surface controls lock tube locking lever	1	A,B
-19	151-52027	. . LEVER ASSY, Surface controls lock tube locking	1	A,B
-20	151-52022	. . GUIDE, Surface controls lock tube	1	A,B
-21	AN931-14-26	. GROMMET, Elastic	1	A,B
	No Number	. CENTER PEDESTAL ELEC COVER ASSY, (Modification) (see fig. 311 for breakdown)	NP	A,B

*1 Used on airplanes modified per T. O. 1F-86-515. See fig. 309 for airplanes not modified per T. O. 1F-86-515.

USEABLE ON CODE:
A 51-2850 thru 51-2927 B 51-2928 thru 51-2943

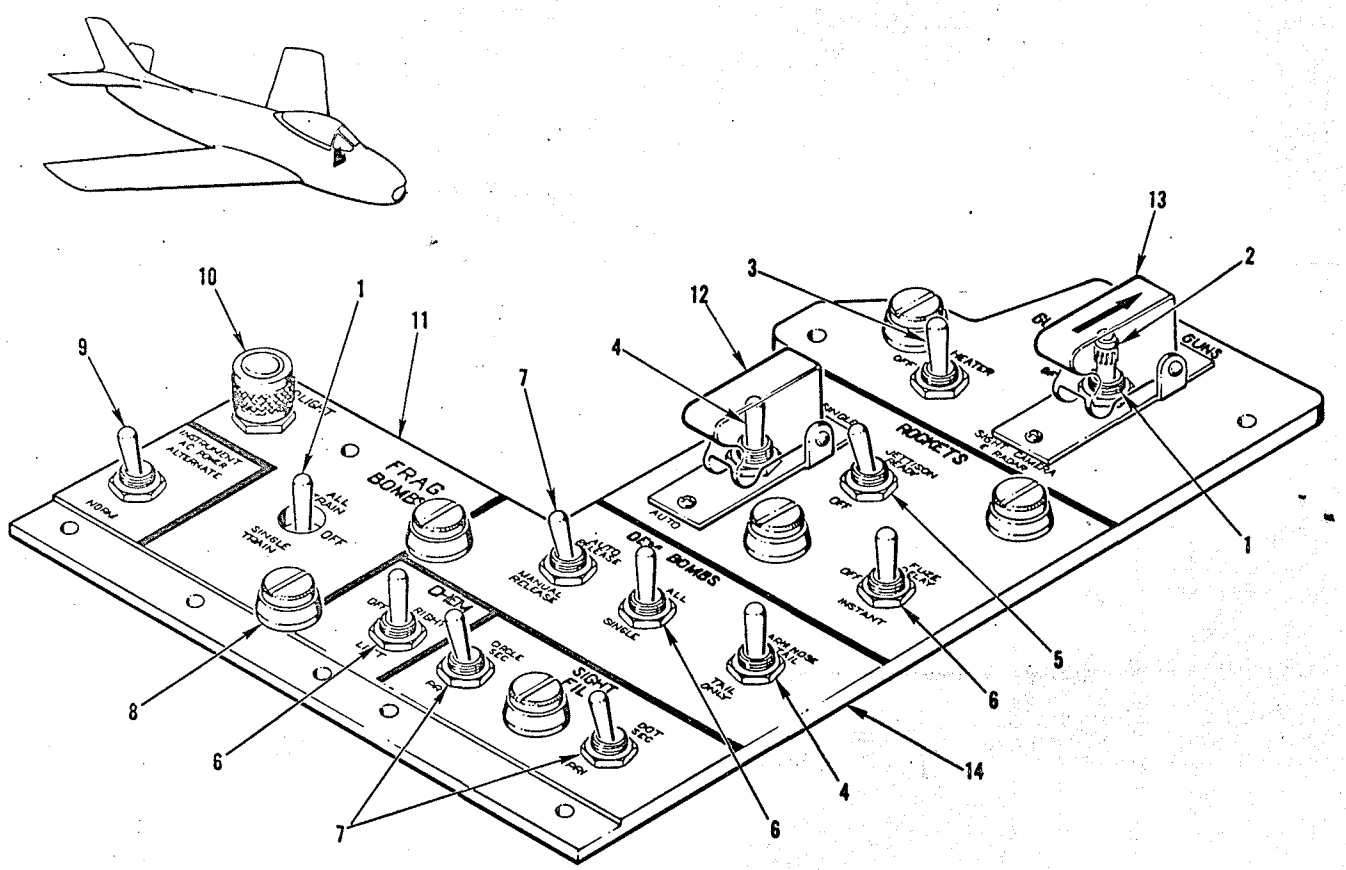

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FIGURE 311 - CENTER PEDESTAL ELECTRICAL COVER ASSEMBLY (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
311	No Number	CENTER PEDESTAL ELEC COVER ASSY, (MODIFICATION) . . . . . (see fig. 310 for next assy)	NP	A, *1
-1	AN3226-1	. SWITCH, Three hole mtg three pole toggle (guns) (frag bomb).	2	A, *1
-2	AN3221-1	. TIP, Toggle switch luminescent (guns).	1	A, *1
-3	AN3027-8	. SWITCH, One hole mtg double pole toggle (Ammo heater). . . .	1	A, *1
-4	AN3027-1	. SWITCH, (rocket jettison bomb salvo and bomb).	2	A, *1
-5	AN3027-3	. SWITCH, (rocket jettison).	1	A, *1
-6	AN3021-1	. SWITCH, (rocket jettison bomb salvo and chemical tank) . . .	3	A, *1
-7	AN3021-3	. SWITCH, (bomb salvo and sight filters)	3	A, *1
	2B2C7	. BUS BAR, (North American) (rocket jettison and bomb salvo) .	2	A, *1
	2B2C8	. BUS BAR, (North American) (fragmentation bombs).	1	A, *1
-8	A4363	. SOCKET ASSY, Instrument red (Grimes) (use together with . . Grimes A4364 housing assy)	6	A, *1
-9	AN3027-3	. SWITCH, (instrument power)	1	A, *1
-10	AN3157-4	. LIGHT ASSY, (fragmentation bombs).	1	A, *1
	170-54090	. INSULATOR, Electrical single hole mtg switch	1	A, *1
-11	172-54195	. PLATE ASSY, Electrical center pedestal panel	1	A, *1
-12	157-54089-13	. . GUARD, Toggle switch three position (rocket jettison) . .	1	A, *1
-13	8916K689	. . GUARD, (with arrow) (guns) (Cutler-Hammer).	1	A, *1
-14	172-54196	. SHIELD, Electrical center pedestal panel	1	A, *1

*1 Used on airplanes modified per T. O. 1F-86-515. See fig. 326 for airplanes not modified per T. O. 1F-86-515.
USEABLE ON CODE: A 51-2850 thru 51-2943

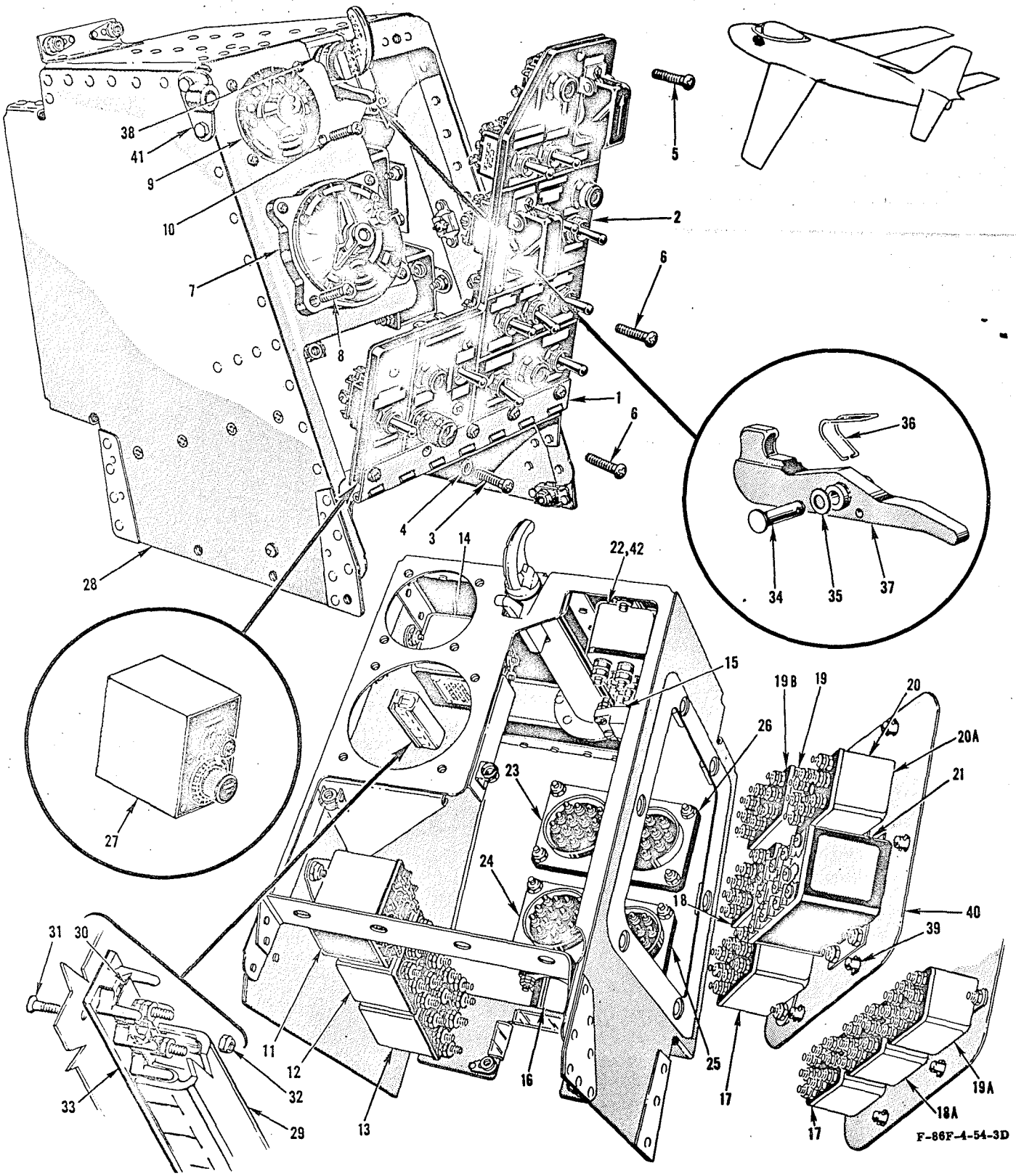


FIGURE 312 - CENTER ELECTRICAL PEDESTAL ASSEMBLY COMPLETE

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
312	172-54104	PEDESTAL ASSY, Elec center complete (see fig. 306 for next assy)	Ref	A,H
	172-54104-10	PEDESTAL ASSY, Elec center complete (see fig. 306 for next assy)	Ref	B
	172-54104-20	PEDESTAL ASSY, Elec center complete (see fig. 306 for next assy)	Ref	C
	172-54104-30	PEDESTAL ASSY, Elec center complete (see fig. 306 for next assy)	Ref	D
	172-54104-40	PEDESTAL ASSY, Elec center complete (see fig. 306 for next assy)	Ref	F
	172-54104-50	PEDESTAL ASSY, Elec center complete (see fig. 306 for next assy)	Ref	J
	172-54104-60	PEDESTAL ASSY, Elec center complete (see fig. 306 for next assy)	Ref	K
	227-54104	PEDESTAL ASSY, Elec center complete (see fig. 306 for next assy)	1	L
-1	172-54106	. HINGE ASSEMBLY, Electrical center pedestal	1	E
-2	172-54102	. PANEL ASSY, Elec center pedestal (see fig. 285 for breakdown)	1	A
	172-54102-10	. PANEL ASSY, Elec center pedestal (see fig. 285 for breakdown)	1	B,C,H
	172-54102-20	. PANEL ASSY, Elec center pedestal (see fig. 285 for breakdown)	1	D
	172-54102-30	. PANEL ASSY, Elec center pedestal (see fig. 285 for breakdown)	1	F,J
	227-54102	. PANEL ASSY, Elec center pedestal (see fig. 285 for breakdown)	1	K
	227-54107	. PANEL ASSY, Elec center pedestal (see fig. 318 for breakdown)	1	L
	ATTACHING PARTS			
-3	AN515-8R8	. SCREW	5	E
-4	AN960D8L	. WASHER	5	E
-5	AN500A8-12	. SCREW	1	E
-6	AN515-8R14	. SCREW	2	E
	---*---			
-7	672636	. SIGHT SELECTOR UNIT, Type A4 (GFAE) (intrch wth AC Spark Plug 686862)	1	E
	ATTACHING PARTS			
-8	AN515-6R12	. SCREW	4	E
	---*---			
-9	187-74023	. SCALE ASSY, Gun bomb rocket sight bomb target wind (altered from (GFAE) AC Spark Plug 665088)	1	E
	ATTACHING PARTS			
-10	AN515-6R12	. SCREW	4	E
	---*---			
-11	AN3311-1	. RELAY, (alternate hydraulic power control)	1	G
-12	237EAU	. RELAY, (landing gear warning horn) (Leach)	1	E
-13	233-51A	. RELAY, (G.S.A.P. camera) (Leach)	1	E
	2B2C5	. BAR, Bus (North American)	1	E
-14	237EAU	. RELAY, (fragmentation bomb select) (Leach)	1	E
-15	AN3350-2	. RELAY, (landing lights)	1	G
	AN3311-1	. RELAY, (alternate power control)	1	D,K,L
-16	AN3350-2	. RELAY, (bomb release power)	1	A,B,C,H
	AN3352-1	. RELAY, (bomb release power)	1	D,K,L
-17	237EAU	. RELAY, (bus tie-in control generator) (Leach)	1	E
-18	237EAU	. RELAY, (fuel tank jettison relay) (Leach)	1	M
-18A	237EAU	. RELAY, (fuel tank jettison) (Leach)	1	L
-19	237EAU	. RELAY, (bomb release control) (Leach)	1	M
-19A	237EAU	. RELAY, (bomb release controls) (Leach)	1	L
-19B	237EAU	. RELAY, (bus tie-in control external power) (Leach)	1	L
-20	237EAU	. RELAY, (bus tie-in control) (Leach)	1	M
-20A	AN3312-1	. RELAY, (emergency hyd tie-in control)	1	L
-21	AN3312-1	. RELAY, (alternate hydraulic tie-in control) (Guardian)	1	M
-22	237EAU	. RELAY, (bomb jettison) (Leach)	1	L
-23	AN3102A28-11P	. RECEPTACLE, (pedestal disconnect)	1	E
-24	AN3102A32-7PW	. RECEPTACLE, (pedestal disconnect)	1	E
-25	AN3102A32-7P	. RECEPTACLE, (pedestal disconnect)	1	E
-26	AN3102A28-11PW	. RECEPTACLE, (N9 camera)	1	C,D,F,N
-27	A24333	. RELAY ASSY, Time delay (A.W. Haydon)	1	L
-28	172-54105	. PEDESTAL ASSEMBLY, Electrical center	1	A,B,H,J
	172-54105-51	. PEDESTAL ASSEMBLY, Electrical center	1	C,F
	172-54105-53	. PEDESTAL ASSEMBLY, Electrical center	1	D,K
	172-54105-61	. PEDESTAL ASSEMBLY, Electrical center	1	L
-29	397-4	. . COVER, (Henry Engineering)	1	L
-30	AN3434-2	. . STRIP	2	L
-31	AN507-440R7	. . SCREW	2	L
-32	AN365-440	. . NUT	2	L
-33	AN3436-2-4	. . TERMINAL BLOCK ASSY	1	L
-34	AN393-25	. . PIN	1	E
-35	AN960D10	. . WASHER	1	E
-36	151-52030	. . SPRING, Surface controls lock tube locking lever	1	E
-37	151-52027	. . LEVER ASSEMBLY, Surface controls lock tube locking	1	E
-38	151-52022	. . GUIDE, Surface controls lock tube	1	E
-39	99833C.180	. . RECEPTACLE, (United-Carr)	6	E
	98265-1-.080	. . STUD, (United-Carr)	6	E
	99836	. . PIN, (United-Carr)	6	E
-40	151-54105-15	. . DOOR, Electrical center pedestal	1	E
-41	191-63702	. . SUPPORT, Special stores mechanical jettison handle	1	D,K
-42	237EAU *1	. RELAY, (drop tank control) (Leach)	1	D

*1 Added on airplanes coded D when modified per T. O. 1F-86F-219.

USEABLE ON CODE:
A 51-12936 thru 51-13169
B 51-13170 thru 51-13510, 52-4305 thru 52-4745
C 52-4746 thru 52-4963
D 52-5164 thru 52-5271, 53-1072 thru 53-1228
E 51-12936 and subs
F 52-4964 thru 52-5163, 52-5381 thru 52-5530
G 52-12936 thru 52-5163, 52-5272 thru 52-5530
H 52-5272 thru 52-5277, 52-5279 thru 52-5290, 52-5292, 52-5294 - 52-5295, 52-5297 thru 52-5298, 52-5300 - 52-5302, 52-5304
J 52-5278, 52-5291, 52-5293, 52-5296, 52-5299, 52-5303, 52-5305 thru 52-5380
K 55-3816 thru 55-3875
L 55-3876 and subs
M 51-12936 thru 55-3875
N 55-3816 and subs

FUSELAGE ELECTRICAL (Cont)

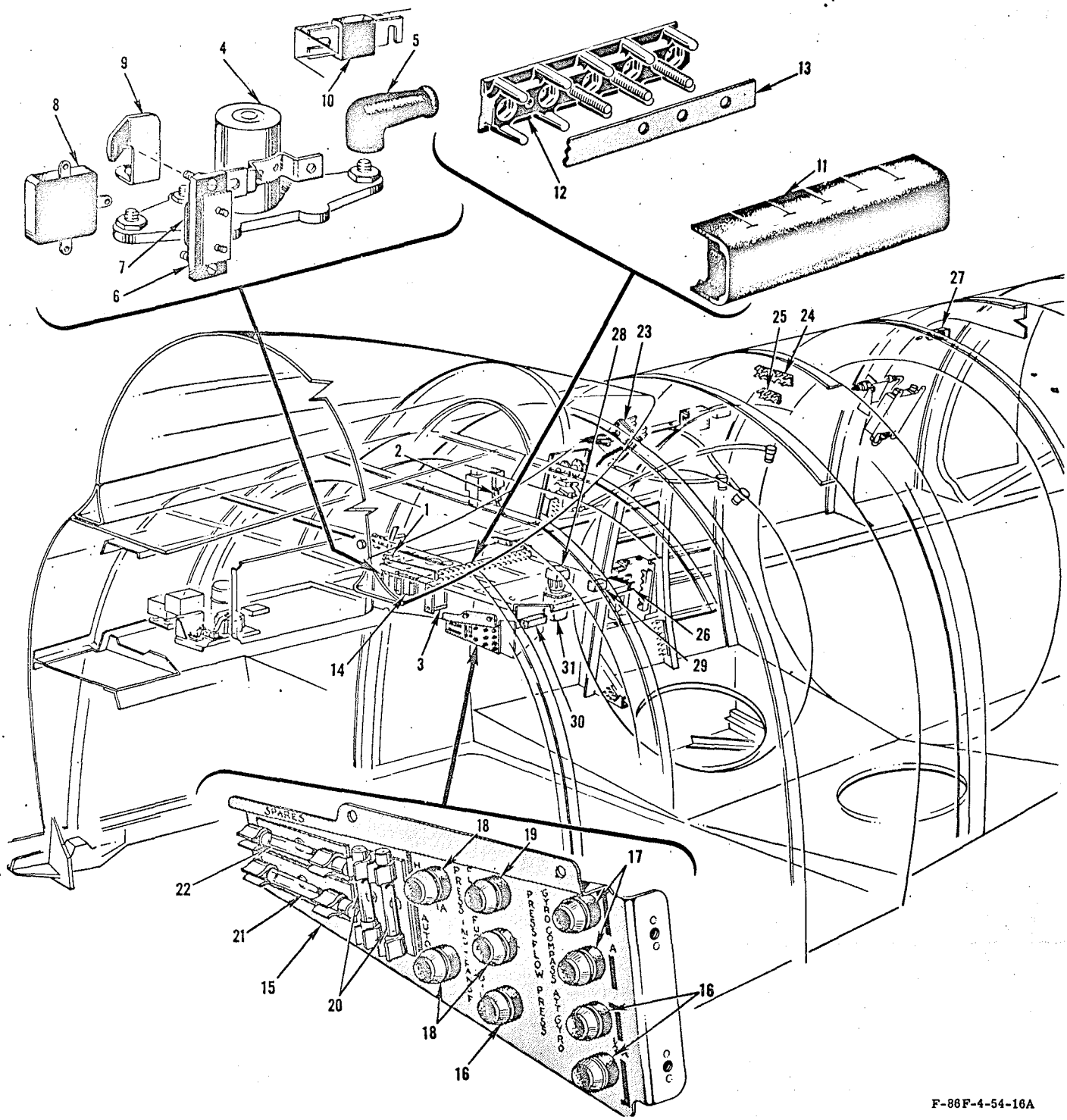


FIGURE 313 - INTERMEDIATE FUSELAGE STATION 133 TO STATION 235 ELECTRICAL EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
313			INTERMEDIATE FUSELAGE STATION 133 TO STATION 235 ELEC EQUIPMENT		
	170-54231		. ELEC EQUIP. INSTL, Intermed fus (see fig. 108 for next assy).	NP	A
	176-54231		. ELEC EQUIP. INSTL, Intermed fus (see fig. 108 for next assy).	NP	B
	191-54231		. ELEC EQUIP. INSTL, Intermed fus (see fig. 108 for next assy).	NP	C,V
	191-54231-10		. ELEC EQUIP. INSTL, Intermed fus (see fig. 108 for next assy).	NP	D
	No Number		. . FUSELAGE STATION 133 TO 235 ELECTRICAL EQUIP. RH SIDE, . . (see fig. 315 for breakdown)	NP	

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
313	No Number		.	.					FUSELAGE STATION 133 TO 235 ELECTRICAL EQUIPMENT RH SIDE, (see fig. 314 for breakdown)	NP	
	No Number		.	.					FUSELAGE STATION 133 TO 235 ELECTRICAL EQUIPMENT LH SIDE, (see fig. 316 for breakdown)	NP	
	No Number		.	.					LANDING GEAR INDICATOR SWITCHES AND CANOPY ELECTRICAL EQUIPMENT, (see fig. 320 for breakdown)	NP	
	No Number		.	.					HEAT AND VENT ELEC EQUIP. (see fig. 322 for breakdown)	NP	
-1	AN3106B4S5S		.	.					PLUG, (ram air solenoid shut-off valve)	1	K,M
	AN3057-6A		.	.					ADAPTER	1	K,M
-2	AN3106B14S7S		.	.					PLUG, (canopy actuating electrical disconnect)	1	
	AN3057-6A		.	.					ADAPTER	1	
-3	C124		.	.					TRANSFORMER ASSY, Auto 26V to 115V (10VA,AC) (Frampton) (simulated stick force controller)	1	
-4	AN3370-1		.	.					RELAY, 200 amp spst (cabin heater)	1	A,B,R
-5	AN781-2		.	.					NIPPLE	1	A,B,R
-6	FSH		.	.					MOUNTING, (Burndy) (cabin heater)	1	A,B,R
-7	FLLE		.	.					LIMITER, (Burndy) (cabin heater)	1	A,B,R
-8	CA275X		.	.					CAPACITOR, (Sprague) (cabin heater)	1	A,B
-9	151-54179		.	.					BUS, Electrical cabin heater power	1	A,B,R
-10	FLLE		.	.					LIMITER, (Burndy) (cabin heater spare)	1	B,S
-11	397-9		.	.					COVER, (Henry Engineering)	1	
-12	AN3436-2-9		.	.					TERMINAL BLOCK ASSY, (compass)	2	
-13	AN3433-2-2		.	.					BUS	1	
	AN3433-2-3		.	.					BUS	1	
	AN3434-1		.	.					STRIP	4	
-14	36548		.	.					RELAY, Type B9A (Spec 32439A) (Guardian) (cockpit heater time delay)	1	A,B,R
-15	170-54048		.	.					BRACKET ASSY, Elec aft radio compartment fuse	1	A,B,D
	170-54058-10		.	.					BRACKET ASSY, Elec aft radio compartment fuse	1	P
	170-54048-30	*1	.	.					BRACKET ASSY, Elec aft radio compartment fuse	1	N,T,U
	4111		.	.					BASE, Fuse holder (Bussman) (intrch wth Bussman 4574)	4	
-16	HKP		.	.					FUSE HOLDER, (Bussman) (alt gyro and oil press. indicator)	3	
	AGC 1/2		.	.					FUSE, (Bussman) (alternate gyro and oil press. indicator)	3	
-17	HKP		.	.					FUSE HOLDER, (Bussman) (gyro compass)	2	
	AGC1 1/2		.	.					FUSE, (Bussman) (gyro compass)	2	
-18	HKP		.	.					FUSE HOLDER, (Bussman) (fuel flow hyd press. indicator and autosyn transfer)	3	
	AGCI		.	.					FUSE, (Bussman) (fuel flow hydraulic pressure indicator and autosyn transfer)	3	
-19	HKP		.	.					FUSE HOLDER, (Bussman) (fuel pressure indicator)	1	P,K
	AGC 1/2		.	.					FUSE, (Bussman) (fuel pressure indicator)	1	P,k
-20	AGC 1/2		.	.					FUSE, (Bussman) (spare)	2	
-21	AGC1 1/2		.	.					FUSE, (Bussman) (spare)	1	
-22	AGCI 1/2		.	.					FUSE, (Bussman) (spare)	1	B,D
-23	172-54241	*2	.	.					SEAL, Electrical wiring thru bulkhead	1	
	202-71015	*3	.	.					SEAL, Radio fus sta 178 electrical wiring thru bhd	1	
	172-54240-3	*2	.	.					INSULATOR, Electrical wiring thru bulkhead	1	
	202-71014-3	*3							INSULATOR, Radio fus sta 178 elec wiring thru bhd	1	
	172-54240-5	*2	.	.					INSULATOR, Electrical wiring thru bulkhead	1	
	202-71014-5	*3	.	.					INSULATOR, Radio fus sta 178 elec wiring thru bhd	1	
	172-54242	*2	.	.					DOUBLER, Electrical wiring thru bulkhead	1	
	202-71024	*3	.	.					DOUBLER, Radio wiring thru bulkhead	1	
-24	AN3436-2-12		.	.					TERMINAL BLOCK ASSY, (LG connector upper)	1	
	397-12		.	.					COVER, (Henry Engineering)	1	
-25	AN3436-2-6		.	.					TERMINAL BLOCK ASSY, (LG connector upper)	1	B
	AN3436-2-8		.	.					TERMINAL BLOCK ASSY, (LG connector upper)	1	C,D,V
	397-6		.	.					COVER, (Henry Engineering)	1	B
	397-8		.	.					COVER, (Henry Engineering)	1	C,D
-26	AN3436-4-2		.	.					TERMINAL BLOCK ASSY	1	H.J
-27	AN3100A16-12S		.	.					RECEPTACLE, (Hydraulic manual override disconnect)	1	
	AN3057-8A		.	.					ADAPTER	1	
-28	AN3308-1		.	.					RELAY, (instrument power transmitter)	1	W
	2044-84		.	.					RECEPTACLE, (inst power transmitter) (Cannon)	1	W
	AN3100A20-33S		.	.					RECEPTACLE	1	W
	AN3057-12A		.	.					ADAPTER	1	W
-29	237EAU		.	.					RELAY, (instrument inverter warning) (Leach)	1	E
	151-54428-21		.	.					COVER ASSY, Elec inflatable canopy seal relay	1	E
	44B18574		.	.					RELAY, Current single pole type D1 (Spec 32471) (instrument inverter warning)	1	F
-30	44B18547		.	.					RELAY, Current single pole type D1 (Spec 32471) (instrument inverter off relay)	1	E
-31	237EAU		.	.					RELAY, (Leach) (hydraulic pressure indicator)	1	E
	151-54428-21		.	.					COVER ASSY, Elec inflatable canopy seal relay	1	E

*1 Refer to T. O. 1F-86F-217
*2 Removed from airplanes modified per T. O. 1F-865-532
*3 Used on airplanes modified per T. O. 1F-86F-532.

USEABLE ON CODE:

A 51-2850 thru 51-12976
B 51-13070 thru 51-13510
C 52-4305 thru 52-5271, 53-1072 thru 53-1228
D 52-5272 thru 52-5530
E 51-2850 thru 51-2877
F 51-12936 and subs
H 51-2850 thru 52-4655
J 52-4705 thru 52-5271, 53-1072 and subs
K 51-2850 thru 51-13510
M 52-4905 thru 52-5271, 52-5387 and subs
N 52-4905 thru 52-5180, 52-5447 thru 52-5489
P 52-4305 thru 52-4904,
R 52-4305 thru 52-5063,
S 52-4305 thru 52-5073, 52-5272 thru 52-5328
T 52-5181 thru 52-5271, 52-5490 thru 55-4030
U 55-4983 and subs
V 55-3816 thru 55-4030
W 52-4305 thru 55-4030

FUSELAGE ELECTRICAL (Cont)

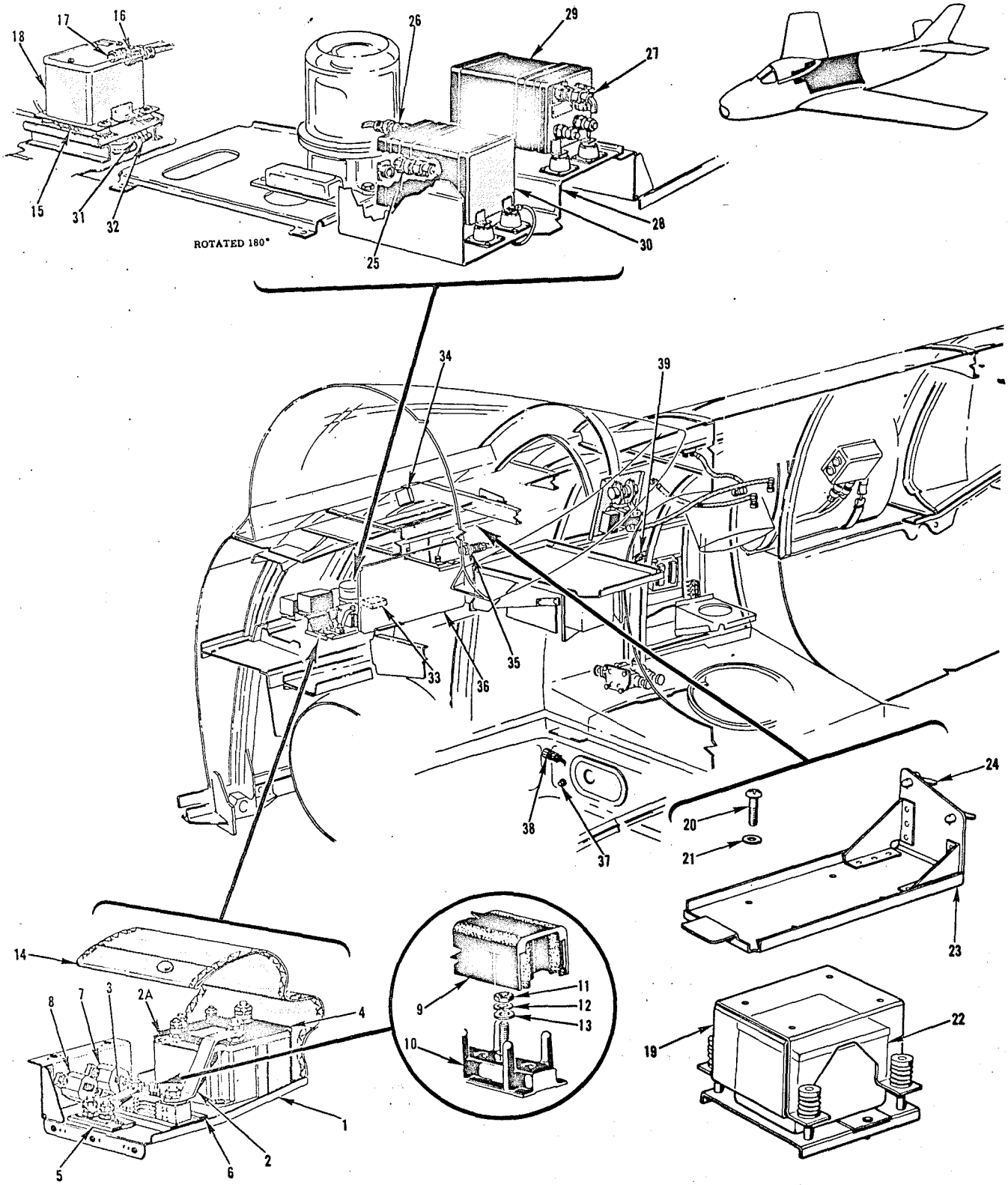


FIGURE 314 - FUSELAGE STATION 133 TO 235 ELECTRICAL EQUIPMENT RH SIDE

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
314	No Number		FUSELAGE STATION 133 TO 235 ELECTRICAL EQUIP. RH SIDE, (see fig. 313 for next assy & fig. 302 for additional breakdown)	NP	
-1	172-54048		PANEL ASSY, Elec reverse current relay and shunt	1	Z
	172-54048-10		PANEL ASSY, Elec reverse current relay and shunt	1	Y
-2	151-54129		BUS, Electrical reverse current relay and shunt	1	
-2A	191-54166		BUS BAR, Elec reverse current relay	1	AA,DD
-3	140-54147		BAR, Shunt to terminal electrical bus	1	BB
	191-54158		BUS BAR, Shunt to terminal elec	1	AA
-4	AN3025-2		CUTOUT, 24 volt (reverse current) (Spec MIL-C5026) (GFAE)	1	
-5	140-54045		BUS ASSY, Fuselage station 190.093 electrical junction	1	BB
	140-54035-30		BUS ASSY, Fuselage station 190.093 electrical junction	1	AA
-6	120814		SHUNT, (Weston Electric)	1	
-7	PSA5		CIRCUIT BREAKER, (bus control relay) (Spencer Thermostat)	1	
-8	PSA5		CIRCUIT BREAKER, (fuel filter de-ice) (Spencer Thermostat)	1	A,B
	PSA10		CIRCUIT BREAKER, (fuel filter de-ice) (Spencer Thermostat)	1	T
-9	397-2		COVER, (Henry Engineering)	1	
-10	AN3436-2-2		TERMINAL BLOCK ASSEMBLY, (ammeter)	1	
	AN3434-1		STRIP	2	
-11	AN341-6		NUT	2	
-12	AN936A6B		WASHER	2	
-13	AN960D4L		WASHER	2	
-14	172-54049	*1	COVER ASSY, Electric reverse current relay	1	
	191-54167		COVER ASSY, Electric reverse current relay	1	
-15	AN3101A14S2S		RECEPTACLE, (fuel level transmitter)	1	S
	AN3057-6A		ADAPTER	1	R
	AN3101A16S1S		RECEPTACLE, (fuel level transmitter)	1	S
	AN3057-8A		ADAPTER	1	S
-16	AN3108B14S5S		PLUG, (fire warning relay)	1	CC
	AN3057-6A		ADAPTER	1	CC
	AN3108B14S5S		PLUG, (fire warning relay)	1	FF
	AN3057-6A		ADAPTER	1	FF
-17	AN3108B16S1S		PLUG, (fire warning relay)	1	CC
	AN3057-8A		ADAPTER	1	CC
	AN3108B16-1S		PLUG, (fire warning relay)	1	FF
	AN3057-6A		ADAPTER	1	FF
-18	161-54116-20		PANEL ASSY, Elec fire detector relay (altered from Edison 35886, model 117-62A panel assembly)	1	CC
	227-54043		PANEL ASSY, Elec fire detector relay	1	FF
-19	K553-2		. MOUNT ASSY, (Robinson)	1	FF
-20	AN515-8R9		. SCREW	4	FF
-21	2W17-8		. WASHER, Corrosion resistant steel (North American)	4	FF
-22	45132		. PANEL, Fire detector relay (Edison)	1	FF
-23	227-54042		. SUPPORT, Electric fire detector relay panel assy of	1	FF
-24	W98292-1-.120		. . STUD, Wing (United-Carr)	2	FF
	99836		. . PIN, (United-Carr)	2	FF
-25	AN3106B20-29S		PLUG, (slaved gyro compass)	1	CC
	AN3057-12A		ADAPTER	1	CC
	K03-19-20SN		PLUG, (slaved gyro compass)	1	FF
	K08-19 1/2		ADAPTER	1	FF
-26	AN3106B20-27S		PLUG, (cockpit air temperature control amplifier)	1	
-27	AN3108B20-27SX		PLUG, (windshield anti-ice control amplifier)	1	
	AN3057-12A		ADAPTER	2	
-28	172-54045		SUPPORT ASSY, Elec windshield anti-ice and cockpit temperature control amplifier complete)	1	
-29	30058-30		. REGULATOR, Temperature (215° - 235°F) (Spec NAS6225-1) (Airesearch) (use Airesearch 30058-24 until exh)	1	
-30	30058-29		. REGULATOR, Temperature (20° - 240°F) (Spec NAS6225-1) (Airesearch) (use Airesearch 30058-14 until exh)	1	
-31	RW30J1R0		RESISTOR, (fire detector warning) (Spec JAN-R26A)	1	J
-32	RW30J2R0		RESISTOR, (fire detector warning) (Spec JAN-R26A)	1	K
	RW30J3R1		RESISTOR, (fire detector warning) (Spec JAN-R26A)	1	M
-33	CA275X		CAPACITOR, (slaved gyro compass filter) (Sprague)	1	A,N
-34	CA275X		CAPACITOR, (slaved gyro compass filter) (Sprague)	1	P
-35	AN3106B24-7S		PLUG, (generator field control relay)	1	
	AN3057-16A		ADAPTER	1	
-36	151-54122-50		PANEL ASSY, Elec relay and control complete (see fig. 324)	1	D
	151-54122-60		PANEL ASSY, Elec relay and control complete (see fig. 324)	1	F,H,T
	151-54122-70		PANEL ASSY, Elec relay and control complete (see fig. 324)	1	G
	151-54122-80		PANEL ASSY, Elec relay and control complete (see fig. 324)	1	V
	151-54122-90		PANEL ASSY, Elec relay and control complete (see fig. 324)	1	EE
-37	412266F		CONNECTOR ASSY, (liquidensitometer) (Minneapolis-Honeywell)	1	
-38	AN3101A14S5S		RECEPTACLE, (fuel level transmitter)	1	
	AN3057-6A		ADAPTER	1	
-39	AN3436-2-4		TERMINAL BLOCK ASSEMBLY, (bomb rack)	1	C
	397-4		COVER, (Henry Engineering)	1	C

*1 Refer to T. O. 1F-86-236.

USEABLE ON CODE:

A 51-2850 thru 51-12976
B 51-13070 thru 51-13169
C 51-13170 and subs
D 51-2850 thru 51-2927
F 51-2928 thru 51-12976
G 51-13070 thru 51-13079
H 51-13080 thru 51-13510
J 51-13284 thru 51-13510, 52-4605 and subs
K 51-2901 thru 51-12976, 51-13130 thru 51-13149, 52-4305 thru 52-4404
M 51-13150 thru 51-13510, 52-4405 and subs
N 51-13070 thru 51-13510, 52-5272 thru 52-5530
P 52-4305 thru 52-5271, 53-1072 thru 53-1228
R 51-2850 thru 51-13499, 52-4305 thru 52-4831
S 51-13500 thru 51-13510, 52-4832 and subs
T 52-4305 thru 52-5063, 52-5272 thru 52-5328
V 52-5064 thru 52-5271, 52-5329 thru 53-1228
Y 52-5064 thru 52-5271, 53-1072 and subs
Z 51-2850 thru 52-5063, 52-5272 thru 52-5530
AA 53-1072 thru 53-1228
BB 51-2850 thru 52-5530
CC 51-2850 thru 55-4030
DD 52-5165 thru 52-5271
EE 55-3816 and subs
FF 55-4983 and subs

FUSELAGE ELECTRICAL (Cont)

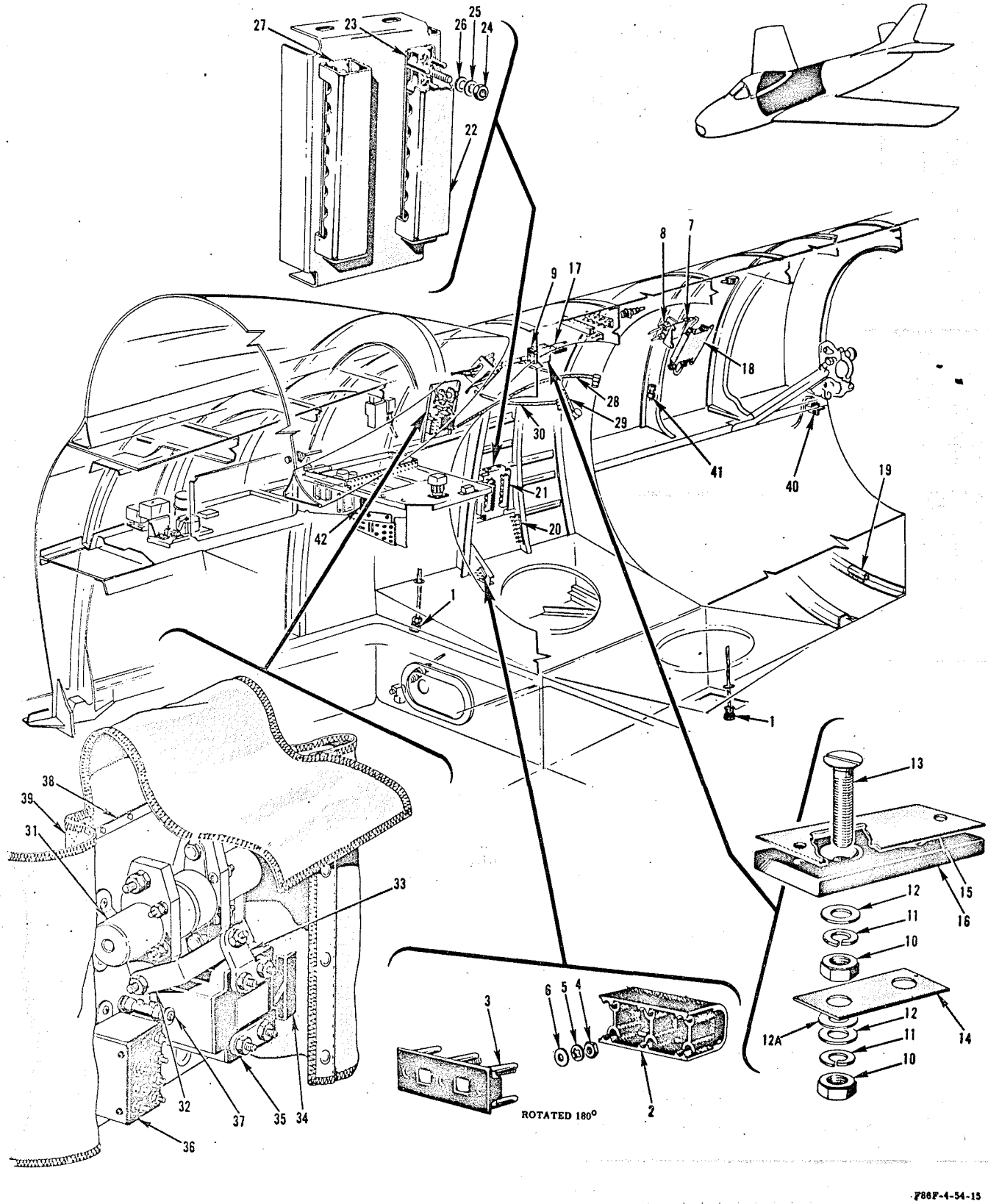


FIGURE 315 - FUSELAGE STATION 133 TO 235 ELECTRICAL EQUIPMENT RH SIDE

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
315	No Number	FUSELAGE STATION 133 TO 235 ELEC EQUIP. RH SIDE, (see fig. 313 for next assy) (see fig. 314 for additional breakdown)	NP	
-1	AN3106B20-27S	PLUG, (bomb rack) (LH and RH side)	2	A
	AN3057-12A	ADAPTER	2	A
-2	397-2	COVER, (Henry Engineering)	1	
-3	AN3436-2-2	TERMINAL BLOCK ASSEMBLY, (landing gear test)	1	
-4	AN341-6	NUT	4	
-5	AN935-6L	WASHER	4	
-6	AN960D6	WASHER	4	
-7	AN3100A28-12P	RECEPTACLE, (engine harness disconnect)	1	
-8	AN3106B28-12S	PLUG, (engine harness disconnect)	1	
-9	176-54124	COVER, Elec generator terminal disconnect block	1	
	140-54035	BUS ASSEMBLY, Fuselage sta 190.093 electric junction	1	N
	140-54035-20	BUS ASSEMBLY, Fuselage sta 190.093 electric junction	1	K
-10	AN340-616	. NUT	4	
-11	AN935-616	. WASHER	4	
-12	AN960-616	. WASHER	4	
-12A	AN960-616	. WASHER	3	K
	2W1-24-30-125	. WASHER, Plain (North American)	2	K
-13	AN507B616R28	. SCREW	2	
-14	140-54035-3	. BUS, Fuselage station 190.093 electric junction	1	
-15	140-54035-5	. INSULATOR, Fuselage station 190.093 electric junction	1	
-16	140-54035-4	. BASE, Fuselage station 190.093 electric junction	1	
-17	CA275X	CAPACITOR, (generator filter) (Sprague)	1	P
-18	AN3106B28-11S	PLUG, (large engine harness disconnect)	1	
	AN3057-16A	ADAPTER	1	
-19	AN3436-2-1	TERMINAL BLOCK ASSEMBLY	1	B
	AN341-6	NUT	1	B
	AN935-6L	WASHER	1	B
	AN960D6	WASHER	1	B
	397-1	COVER, (Henry Engineering)	1	B
-20	AN3436-2-12	TERMINAL BLOCK ASSEMBLY, (landing gear connector lower)	1	E
	AN3433-2-2	BUS, (landing gear connector lower)	1	E
	157-54328	COVER ASSEMBLY, Electrical terminal strip assembly	1	C,E,H
-21	172-54142	PANEL ASSEMBLY, Elec fus sta 195 RH circuit breaker complete	1	C,F
	172-54142-10	PANEL ASSEMBLY, Elec fus sta 195 RH circuit breaker complete	1	D
-22	397-6	. COVER, (Henry Engineering)	2	C,F
	397-8	. COVER, (Henry Engineering)	2	D
-23	AN3436-2-6	. TERMINAL BLOCK ASSEMBLY, (landing gear connector)	2	C,F
	AN3436-2-8	. TERMINAL BLOCK ASSEMBLY, (landing gear connector)	2	D
-24	AN341-6	. NUT	28	
-25	AN936A6B	. WASHER	28	
-26	AN961-6	. WASHER	28	
-27	5S5-2-5	. STRIP, Terminal base insulating (North American)	2	C,F
	5S5-2-7	. STRIP, Terminal base insulating (North American)	2	D
-28	80010	CABLE ASSY, Quick disconnect (socket "B") (Airtron)	1	
-29	80011	CABLE ASSY, Quick disconnect (socket "C") (Airtron)	1	
-30	80012	CABLE ASSY, Quick disconnect (socket "E") (Airtron)	1	
-31	AN3380-1	RELAY, (external power) (intrch wth Leach 7401C)	2	
-32	151-54095	BAR, Elec engine section relay panel starter relay bus	1	
-33	151-54096	BAR, Elec engine section relay panel starter relay bus	1	
-34	176-54127	COVER, Elec starter relay terminal	1	A
-35	AN3391-1	RELAY, (starter controller) (intrch wth Hartman Electrical A7110)	1	
-36	1264-938	RELAY ASSY, (fuel transfer pump) (Leach)	1	
-37	B10F50	RESISTOR, 50 ohm (fuel transfer pump) (Clarostat)	1	
-38	172-54079	PANEL ASSEMBLY, Elec engine section relay	1	
-39	172-54037	. COVER, Elec engine section panel relay	1	
-40	36010-2	THERMOCOUPLE, Fire detection (Edison)(use Edison 35534-20 or 315115-2 untl exh)	1	G
-41	AN3106B14S2S	PLUG, (fuel flow transmitter)	1	J
	AN3057-6	ADAPTER	1	J
-42	AN3436-2-2	TERMINAL BLOCK ASSY, (fuel flow meter)	1	C,D
	397-2	COVER, (Henry Engineering)	1	C,D

USEABLE ON CODE:

A	51-13070 and subs	H	52-4305 thru 52-4504
B	52-4305 and subs	J	52-4905 thru 52-5271 and 52-5447 and subs
C	51-13070 thru 51-13169	K	52-5164 thru 52-5272 and 53-1072 and subs
D	51-13170 and subs	N	51-2850 thru 52-5163 and 52-5272 thru 52-5530
E	51-2850 thru 51-2927	P	51-2850 thru 52-5063, 52-5272 thru 52-5446
F	51-2928 thru 51-12976		
G	51-13284 thru 51-13510, 52-5272 thru 52-5530 and 52-4605 and subs		

FUSELAGE ELECTRICAL (Cont)

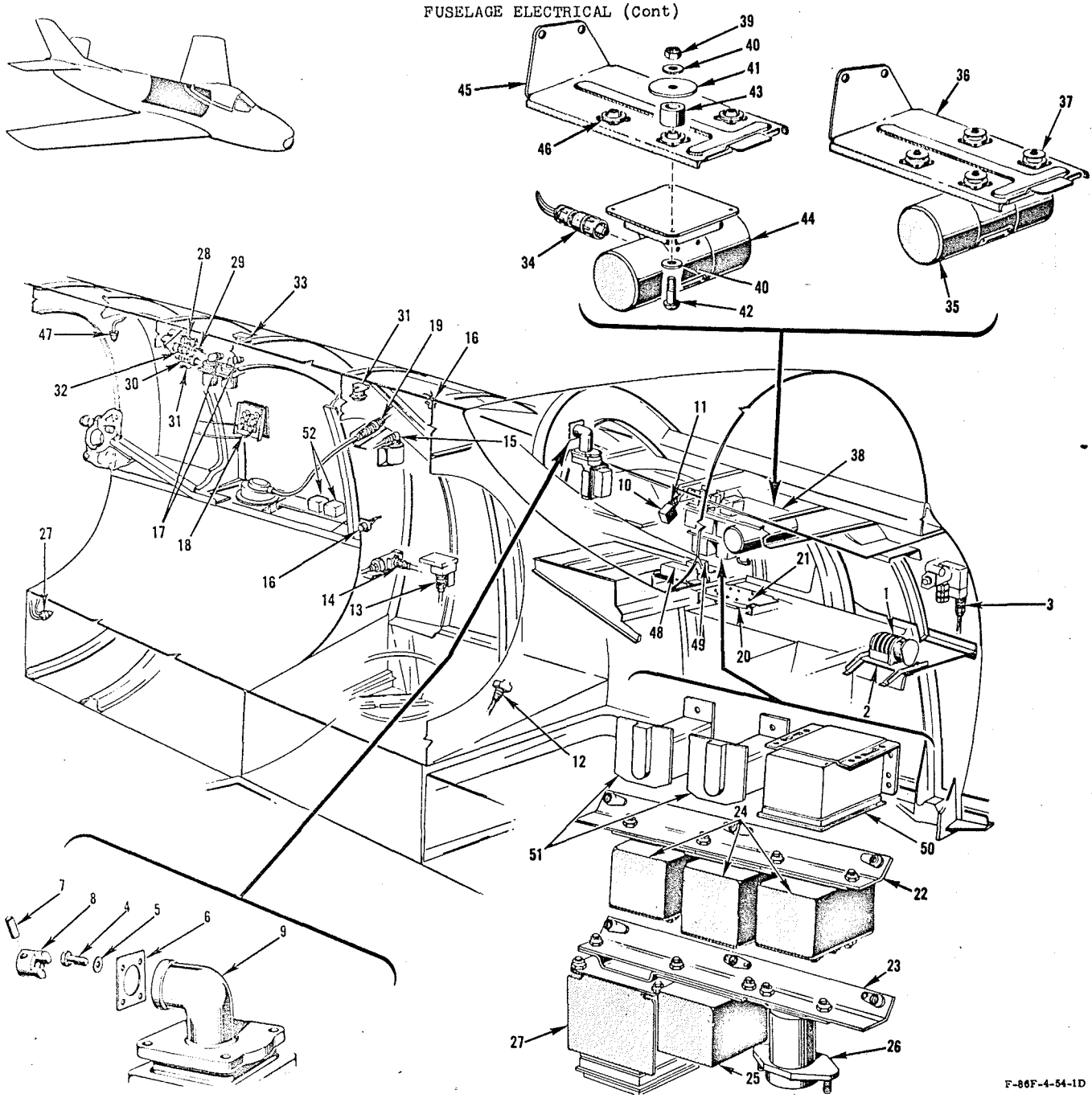


FIGURE 316 - FUSELAGE STATION 133 TO STATION 235 ELECTRICAL EQUIPMENT LH SIDE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
316	No Number	FUSELAGE STATION 133 TO STATION 235 ELECTRICAL EQUIPMENT . . . . . LH SIDE, (see figure 313 for next assembly)	NP	
-1	No Number	. REGULATOR, Generator voltage 30 volt (Navy Spec 17R21) . . . (AERNO 42-1501) (GFAE)	1	H,P
	No Number	. REGULATOR, Generator voltage 30 volt (Navy Spec 17R21) . . . (AERNO 42-1501)	1	Q
	151-54354	. INSULATOR, Voltage regulator jumper	1	
-2	24532	. BASE ASSY, Voltage regulator (Leece) (intrch wth 49C7573) . .	1	
-3	AN3108B18-12S	. PLUG, (horizontal stabilizer bungee trim actuator)	1	A
	AN3057-10A	. ADAPTER	1	A
	151-54176-10	. ACTUATOR ASSY, Pilot's canopy elec (use 151-54176 untl exh) .	1	
	ATTACHING PARTS			
-4	AN4B5A	. BOLT	4	
-5	AN960D4	. WASHER	4	
-6	151-54098	. SHIM, Fuselage canopy actuating motor	AR	
		---*---		
-7	151-54353-3	. . PIN, Canopy actuator coupling (use 151-54353 together wth. 151-54352 untl exh)	1	
-8	151-54352-10	. . COUPLING, Canopy elec actuator (use 151-54352 together . . wth 151-54353 untl exh)	1	

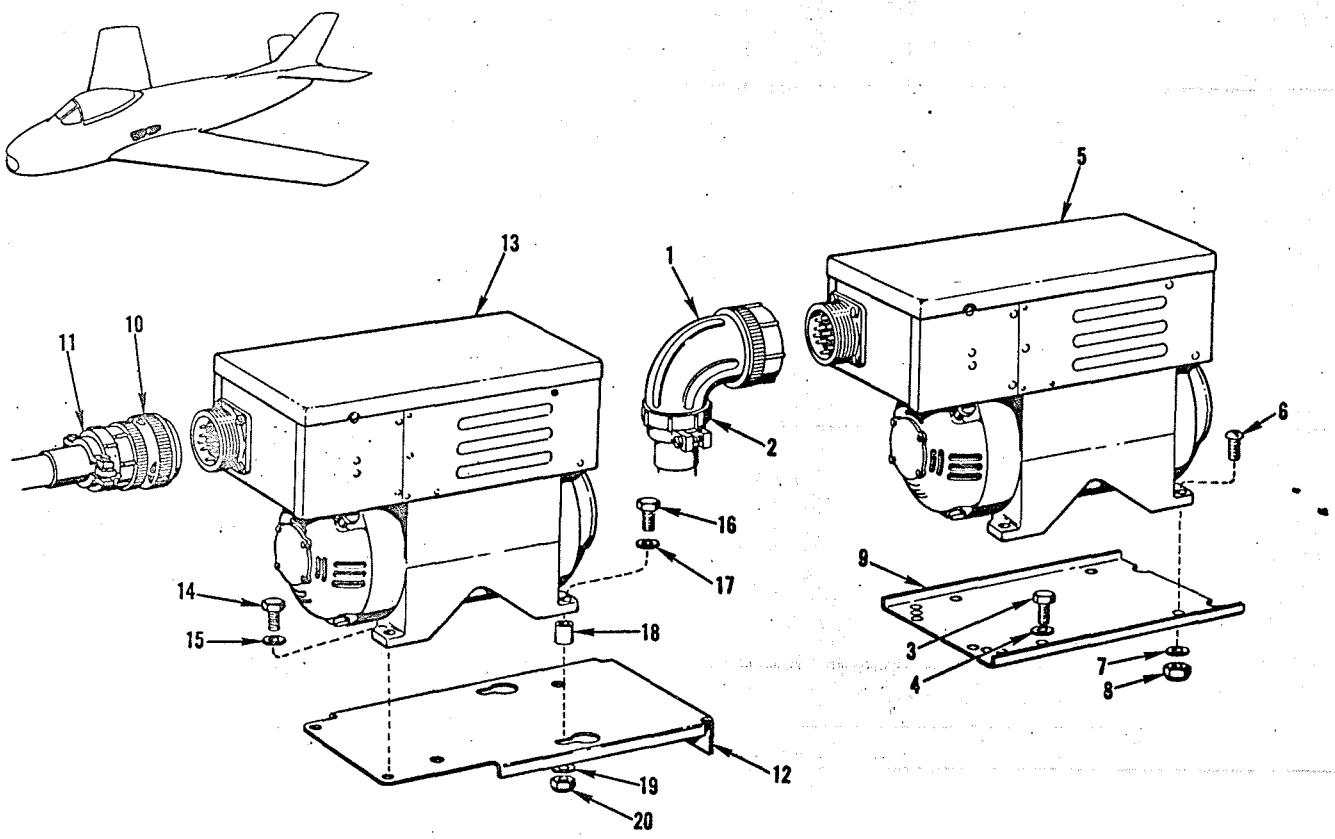
FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
316-9	D380-1	. .	ACTUATOR, Cockpit canopy (Hoover)	1	
	MKA7	. . .	THERMOSTAT, (Klixon)	1	
	No Number	.	MAIN & ALTERNATE ELEC INVERTER ASSEMBLIES AND RELATED EQUIP., (see fig. 317 for breakdown)	NP	R
-10	C330LA	.	FILTER, (ammo heat actuator) (Potter)	1	N,X
-11	AN3106B14S5S	.	PLUG, (ammo heat actuator filter)	1	N,X
	AN3057-6A	.	ADAPTER	1	N,X
-12	AN3108B14S2S	.	PLUG, (speed brake valve)	1	
-13	AN3106B14S5S	.	PLUG, (fuel shut-off valve)	1	
	AN3057-6A	.	ADAPTER	2	
-14	AN3108B12S3S	.	PLUG, (fuel de-icer shut-off valve)	1	
	AN3057-4A	.	ADAPTER	1	
-15	AN3106B14S9S	.	PLUG, (fuel de-icer pressure switch)	1	E,M
	AN3108B14S9S	.	PLUG, (fuel de-icer pressure switch)	1	J,K
-16	36101-2	.	THERMOCOUPLE, Fire detector (Edison) (use Edison 315115-2 or 33534-2 untl exh)	2	
-17	AN3108B14S2S	.	PLUG, (fuel oil pressure transmitter)	2	N,V
	AN3108B14S2S	.	PLUG, (oil pressure transmitter)	1	Y
	AN3057-6A	.	ADAPTER	1	Y
-18	AN2552A3A	.	RECEPTACLE, (external power) (intrch wth Burton 190-0)	2	
	172-54080	.	BUS BAR, External power receptacle electrical	1	Z
-19	AN3101A14S2S	.	RECEPTACLE, (fuel level transmitter)	1	
	AN3057-6A	.	ADAPTER	3	
-20	170-54071	.	CLUSTER ASSY, Elec wing flap control pulley and switch (see fig. 307 for breakdown)	1	A,B
-21	AN3-3A	.	BOLT	3	
-22	172-54161	.	BANK ASSY, Electrical aft radio bay relay	1	
-23	172-54161-20	.	BANK ASSY, Electrical aft radio bay relay	1	C,F
	172-54161-30	.	BANK ASSY, Electrical aft radio bay relay	1	T
-24	237EAU	. .	RELAY, (longitudinal trim) (Leach) (on 172-54161)	3	
-25	237EAU	. .	RELAY, (lateral trim) (Leach) (on 172-54161-20 & -30)	1	
-26	AN3353-1	. .	RELAY, (engine screen actuator control) (used on 172-54161-20 and 172-54161-30)	1	
-27	G54329A	. .	RELAY, (longitudinal trim tank jettison) (Guardian) (used on 172-54161-20)	1	C,F
-28	AN3310-1	.	RELAY, (cockpit air control)	1	
	AN3100A22-19S	.	RECEPTACLE, (cockpit air control)	1	
	AN3057-12A	.	ADAPTER	1	
-29	AN3308-1	.	RELAY, 10 amp 3PDT connector mounting sealed (LG control)	1	*2
	AN3100A20-33S	.	RECEPTACLE, (LG control) (intrch wth Cannon 2044-84)	1	H,P,*2
	AN3057-12A	.	ADAPTER	1	*2
-30	AN3100A32-6S	.	RECEPTACLE, (aft disconnect plug)	1	
	AN3057-20A	.	ADAPTER	1	
-31	AN3350-1	.	RELAY, 50 amp SPST (forward fuel pump)	2	
-32	AN3308-1	.	RELAY, 10 amp PDT (landing gear warning control)	1	*2
	AN3100A20-33S	.	RECEPTACLE, (LG control) (use Cannon 2044-84 untl exh)	1	H,P,*2
	AN3057-12A	.	ADAPTER	1	H,P,*2
-33	AN3436-6-1	.	TERMINAL BLOCK ASSY, (alt hyd pump) (formerly NAS45-416-1)	1	
-34	AN3108B14S7S	.	PLUG, (main instrument power)	1	H,W,*1
-35	AN3499-1	.	INVERTER, (main instrument power) (AERNO 42-2310) (GFAE)	1	H,*1
	AN3057-6A	.	ADAPTER	1	H,W,*1
-36	191-54176	.	PANEL ASSY, Elec AN3499-1 3 phase inverter	1	H,*1
-37	156PLE6	. .	MOUNT, (Lord) (used on 191-54176)	4	H,*1
-38	202-54037	.	INVERTER ASSY, Elec AN3499-1 fus sta 133.625 to 144.75	1	W
-39	AN365-832	. .	NUT	4	W
-40	2W1AL12-12-16	. .	WASHER, Plain (North American)	4	W
-41	2W1AL12-44-64	. .	WASHER, Plain (North American)	8	W
-42	AN515-8R28	. .	BOLT	4	W
-43	191-54081	. .	COLLAR, Electrical shock mount rubber snubbing	4	W
-44	AN3499-1	. .	INVERTER, (main instrument power) (AERNO 42-2310) (GFAE) (intrch wth AN3499 (GFAE) or 3187 (Eicore) (GFAE)	1	W
-45	191-54176	. .	PANEL ASSY, Elec AN3499-1 3 phase inverter	1	W
-46	156PLE6	. . .	MOUNT, (Lord) (used on 191-54176)	1	W
-47	36010-2	.	THERMOCOUPLE, Fire detector (Edison) (use Edison 315115-2 or 33534-2 untl exh)	2	S
-48	650-4034	.	RELAY, (Cook)	1	H,P,L
-49	G54329A	.	RELAY, (Guardian)	1	H,P,L
-50	G54329A	.	RELAY, (Guardian) (external ac power control relay)	1	R
-51	9022	.	RELAY, (Leach) (main and alternate inverter control relay)	2	R
-52	AN3312-1	.	RELAY, 10 amp 3 pdt (LG control)	2	Q,*3
	187-54178	.	COVER, Elec gyro power relay & external stores transmitter	2	Q,*3

*1 Refer to T. O. 1F-86-150.
*2 Not used on airplanes modified per T. O. 1F-86-532.
*3 Also used on airplanes modified per T. O. 1F-86-532.

USEABLE ON CODE:

A 51-2850 thru 51-12976
B 51-13070 thru 51-13109
C 51-2850 thru 51-12969
E 51-13170 thru 51-13169
F 51-13170 and subs
G 51-2928 and subs
H 51-2850 thru 52-5530
J 51-13170 thru 51-13510
K 52-5272 thru 52-5530
L 55-3816 thru 55-4030
M 52-4305 thru 52-5271, 53-1072 thru 53-1228
N 51-2850 thru 51-13510
P 53-1072 thru 53-1228
Q 55-3816 and subs
R 55-4983 and subs
S 51-13284 thru 51-13510, 52-4605 and subs
T 51-12970 thru 51-13169
V 52-4305 thru 52-4904, 52-5272 thru 52-5446
W 53-1072 thru 55-4030
X 51-4305 thru 52-5063, 52-5272 thru 52-5328
Y 52-4905 thru 52-5271, 52-5447 and subs
Z 52-5164 thru 52-5271



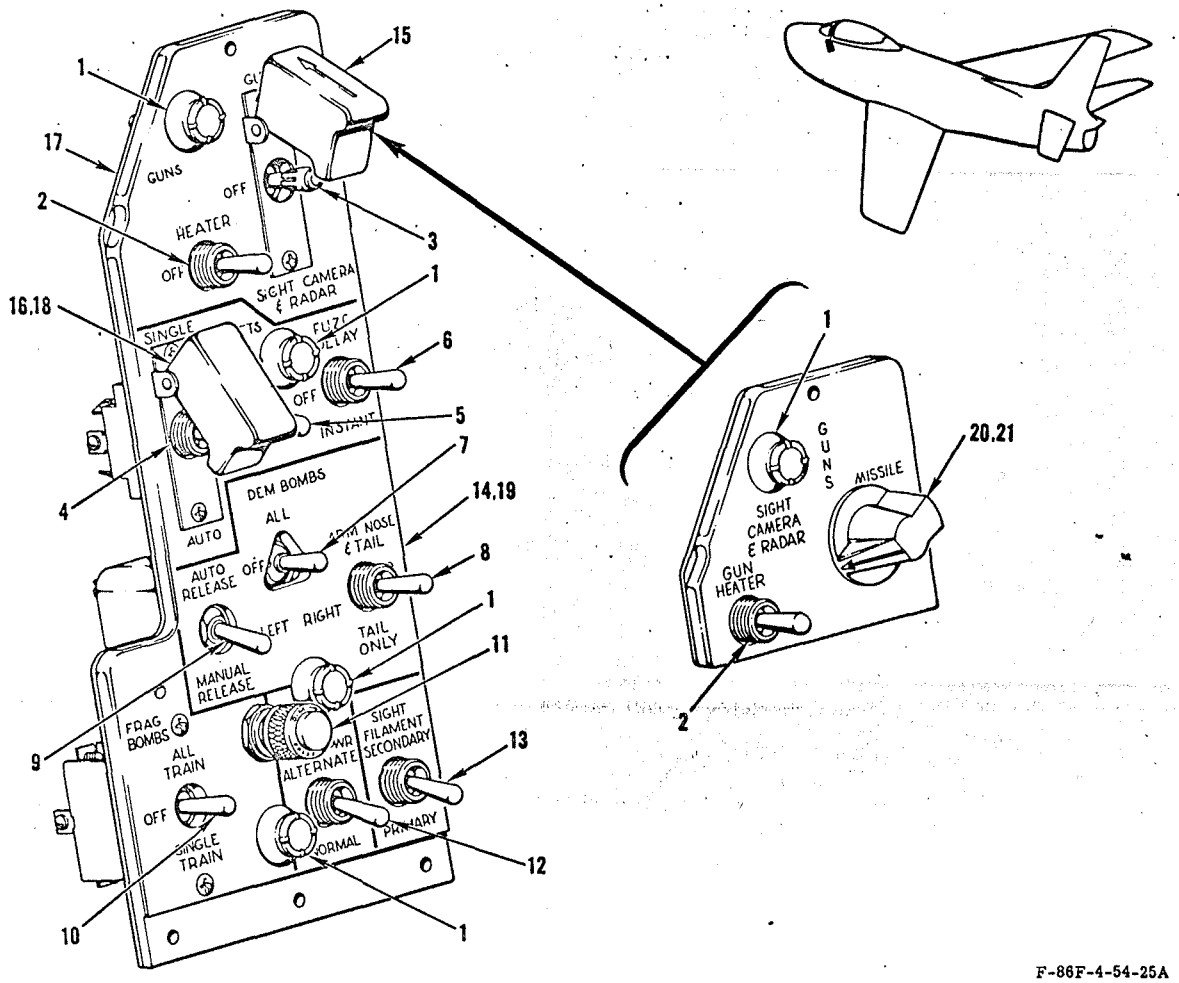
F-86F-4-54-26A

FIGURE 317 - MAIN AND ALTERNATE ELECTRIC INVERTER ASSEMBLIES AND RELATED EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
317	No Number	MAIN AND ALTERNATE ELECTRIC INVERTER ASSEMBLIES AND RELATED EQUIPMENT, (see fig. 316 for next assy)	NP	A
-1	AN3108B24-20S	. PLUG, (alternate inverter)	1	A
-2	AN3057-16A	. ADAPTER	1	A
	227-54027	. INVERTER ASSY, Electric alternate	1	A
	ATTACHING PARTS			
-3	AN3-3A	. BOLT	2	A
-4	2W17-10	. WASHER, Corrosion resistant steel (North American)	2	A
	---*---			
-5	SE16-2	. . INVERTER ASSY, Motor generator (Leland Electric) (Spec MIL-17032C) (GFAE) (AERNO 42-2316) (BuAer E5109-2) (intrch wth Leland Electric SE16-3)	1	A
-6	AN520-10R10	. . SCREW	4	A
-7	2W17-10	. . WASHER, Corrosion resistant steel (North American)	4	A
-8	AN365-1032	. . NUT	4	A
-9	227-54028	. . PLATE, Elec alternate inverter mounting (use 172-54094 untl exh)	1	A
-10	AN3106B24-20S	. PLUG, (main inverter)	1	A
-11	AN3057-16A	. ADAPTER	1	A
-12	227-54026	. SUPPORT, Electric main inverter mounting, assy of	1	A
-13	SE16-2	. INVERTER ASSY, Motor generator (Leland Electric) (Spec MIL-17032C) (GFAE) (AERNO 42-2316) (BuAer E5109-2) (intrch wth Leland Electric SE16-3)	1	A
	ATTACHING PARTS			
-14	AN3-6A	. BOLT	2	A
	NAS221-12	. SCREW, Phillips recess brazier head	2	A
-15	2W17-10	. WASHER, Corrosion resistant steel (North American)	4	A
-16	AN3-7A	. BOLT, (aft)	2	A
-17	2W17-10	. WASHER, Corrosion resistant steel (North American) (aft)	2	A
-18	NAS43DD3-5	. SPACER, Screw and bolt (aft)	2	A
-19	2W1-15-20-63	. WASHER, Plain (North American) (aft)	2	A
-20	AN365-1032	. NUT, (aft)	2	A

USEABLE ON CODE: A 55-4983 and subs

FUSELAGE ELECTRICAL (Cont)



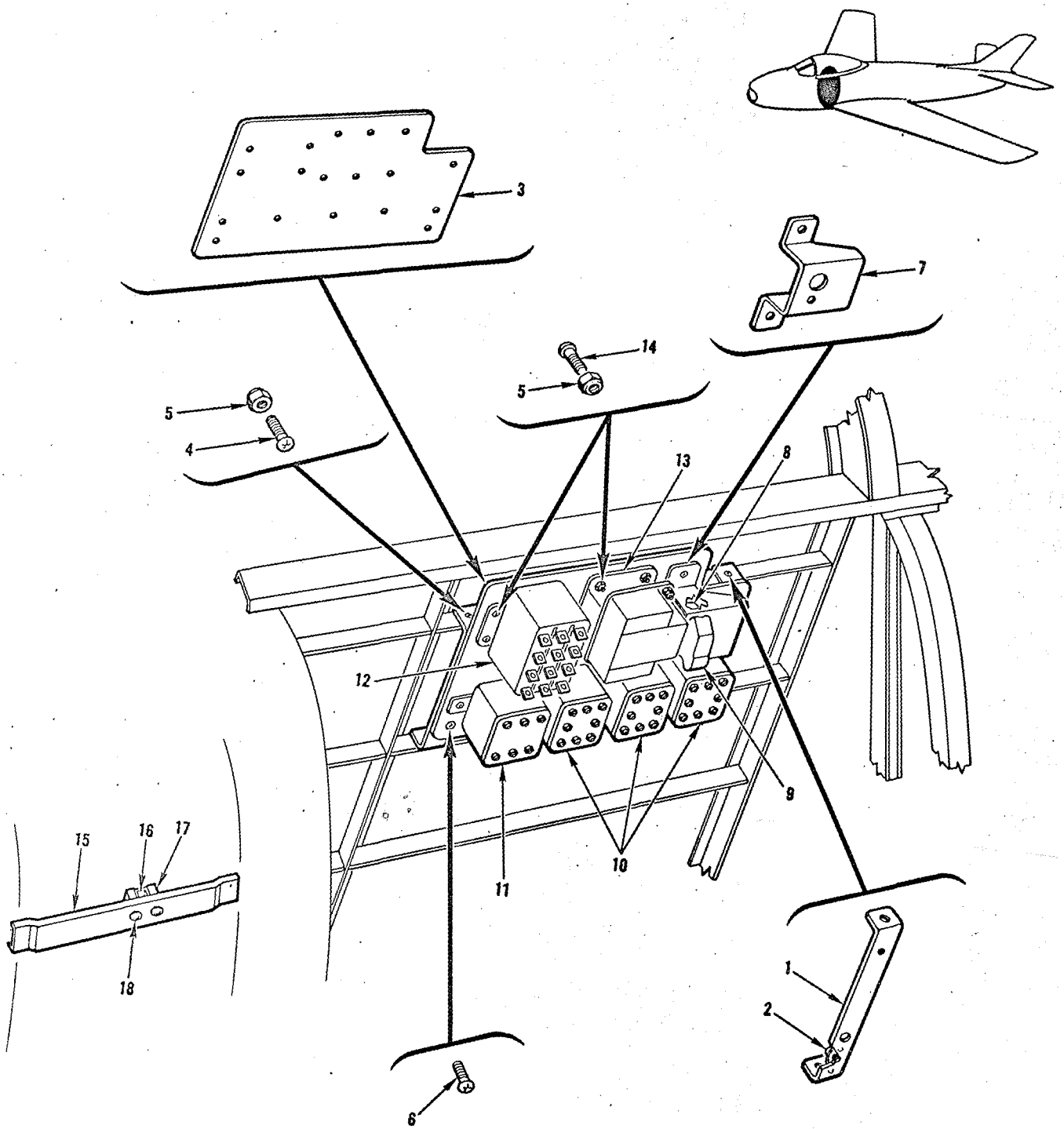
F-86F-4-54-25A

FIGURE 318 - ELECTRICAL CENTER PEDESTAL PANEL ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
318	227-54107		PANEL ASSY, Elec center pedestal (see fig. 312 for next assy)	Ref	A
-1	MS25010-2		. LAMP ASSY (inst panel)	4	A
	AN3140-327		. LAMP (panel light)	4	A
-2	AN3027-8		. SWITCH (gun heater)	1	A
-3	AN3226-1	*1	. SWITCH (sight camera radar)	1	A
	AN3221-1		. TIP, (sight camera radar gun switch)	1	A
	2W1AL-0-6-63		. WASHER, Plain (North American) (used btwn AN3226-1 & AN3221-1)	1	A
-4	AN3027-1		. SWITCH (rockets)	1	A
	2B2C7		. BUS BAR (North American)	1	A
-5	AN3021-3		. SWITCH (rockets jett ready)	1	A
-6	AN3021-1		. SWITCH (fuse delay)	1	A
-7	45A74002		. SWITCH (dem bombs)	1	A
-8	AN3027-1		. SWITCH (arm)	1	A
	2B2C7		. BUS BAR (North American)	1	A
-9	AN3023-1		. SWITCH (release)	1	A
-10	AN3226-1		. SWITCH (Frag Bombs)	1	A
-11	MS25041-4		. LIGHT ASSY, (inst panel)	1	A
	AN3140-327		. LAMP	1	A
-12	AN3027-3		. SWITCH, (inst power)	1	A
-13	AN3021-3		. SWITCH, (sight filament)	1	A
-14	227-54175	*1	. PLATE, Elec center pedestal assy of	1	A
-15	8916K689	*1	. . GUARD, (Cutler Hammer)	1	A
-16	157-54089-13	*1	. . GUARD, Elec three hole mounting	1	A
-17	227-54174	*1	. SHIELD, Electrical center pedestal panel	1	A
	60D94156	*2	. SHIELD, Electrical center pedestal panel	1	A
-18	157-54089-13	*2	. GUARD, Elec three hole mounting	1	A
-19	60D94155	*2	. PLATE ASSY, Elec center pedestal	1	A
	202-54002-11	*2	. HARNESS ASSY, Elec GAR-8 sidewinder	1	A
-20	24YY2055-5	*2	. . SWITCH, (Grayhill) (gun, missile selector)	1	A
-21	MS25165-1	*2	. . KNOB	1	A

*1 Used on airplanes not modified per T.O. 1F-86F-533
*2 Used on airplanes modified per T.O. 1F-86F-533

USEABLE ON CODE: A 55-3876 and subs



F-86F-4-54-34

FIGURE 319 - RELAY AND CANOPY CONTROL SWITCH INSTALLATION

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
319	54FEK407	*1	Structure Installation, Fuselage	NP	
	55FED637		. Relay and Bracket, Installation	NP	
-1	55FEB640		. . Support, Bracket	2	
-2	AN366F832		. . . Nut	2	
-3	55FEC638		. . Base, Mount, Relay	1	
-4	AN515-8-6		. . Screw	4	
-5	AN365-1032		. . Nut	18	
-6	AN515-8-8		. . Screw	4	
-7	55FEC642		. . Bracket Toggle Switch	1	
-8	AN3021-3		. . Switch, Toggle	1	
-9	AN3028-1		. . Guard, Toggle Switch	1	
-10	237EAU24		. . Relay, (Leach)	3	
-11	233-51A		. . Relay, (Leach)	1	
-12	AN3312-1		. . Relay	1	
-13	AN3339-1		. . Relay	1	
-14	AN515-8-7		. . Screw	14	
	54FEC513		. Switch Installation, Control Canopy, External	NP	
-15	54FEB514		. . Channel, Switch, Control Canopy	2	
-16	140-54168-5		. . Bracket, Gun Bay Door Latch Support Assy	2	
	140-54168-7		. . Spacer, Gun Bay Door Latch Support Assy	2	
-17	140-54117		. . Switch, Position Indicating and Control (Rework)	4	
-18	KM610-51		. . Latch, (Camloc)	4	

*1 Used on RF-86F-30 airplanes only

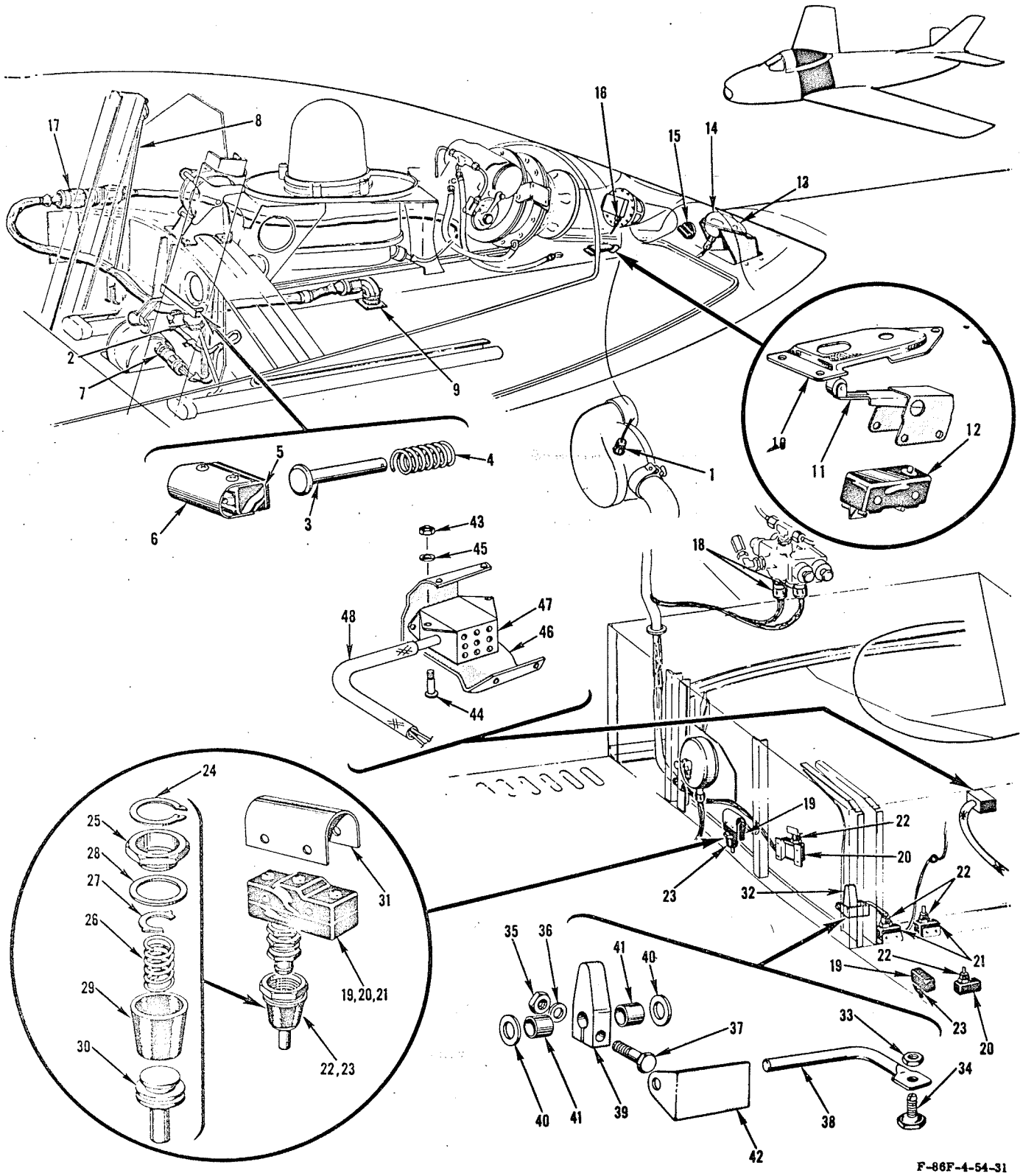


FIGURE 320 - LANDING GEAR INDICATOR SWITCHES AND CANOPY ELECTRICAL EQUIPMENT

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
320	No Number		LANDING GEAR INDICATOR SWITCHES AND CANOPY ELECTRICAL EQUIPMENT (see figure 313 for next assy)	NP	
-1	AN3106B10SL3S	.	PLUG, (windshield air temp pickup control)	1	
	AN3057-4A	.	ADAPTER	1	
-2	151-54087	.	CAM, Electrical canopy open limit switch	1	
-3	161-54093	.	PIN, Electrical canopy closed limit switch	1	
-4	161-54094	.	SPRING, Electrical canopy closed limit switch	1	
-5	AN3215-1	.	SWITCH, (canopy seal switch)	1	
-6	8C4-3	.	COVER, Switch protector (North American)	1	
-7	AN3106B18-10S	.	PLUG, (cabin heating control switch)	1	C,D
	AN3057-10A	.	ADAPTER	1	C,D
-8	151-71093	.	CORD ASSY, Radio compass loop cable supporting	1	
	151-71094	.	. HOOK, Radio compass loop wire bundle support	1	
-9	AN3100C20-29P	.	RECEPTACLE, (canopy deck disconnect)	1	
	AN3108B20-29S	.	PLUG	1	
	AN3057-12A	.	ADAPTER	1	
	4G3-20	.	GASKET, (North American)	1	
-10	151-54086	.	COVER, Electric canopy open limit switch	1	
-11	AN3169-1	.	ACTUATOR	1	
-12	AN3210-1	.	SWITCH, (canopy open limit)	1	
-13	AN3177-9	.	LIGHT ASSEMBLY	1	
	AN3131-303	.	LAMP	1	
	AN3133-11	.	LAMP	1	
-14	AN3099-7	.	COVER	1	
-15	140-54008	.	PANEL ASSY, Position light connector pressure	1	
-16	AN3106B10SL4S	.	PLUG, (cockpit pressure regulator)	1	
	AN3057-4A	.	ADAPTER	1	
-17	AN3100A20-29P	.	RECEPTACLE, (canopy disconnect)	1	
	AN3107B20-29S	.	PLUG, (canopy disconnect)	1	
	AN3057-12A	.	ADAPTER	2	
-18	AN3106B14S2S	.	PLUG, (main landing gear sequence selector)	2	
	AN3057-6A	.	ADAPTER	2	
-19	BZ7RQ1T	.	SWITCH, (landing gear door up position indicator) (intrch wth Micro Switch BZ74Q1T1)	2	A,*1
-20	BZ7RQ1T	.	SWITCH, (main landing gear door uplock indicator) (Micro Switch) (intrch wth Micro Switch BZ74Q1T1)	2	A,*1
-21	BZ7RQ1T	.	SWITCH, (landing gear door open position indicator) (Micro Switch) (intrch wth Micro Switch BZ74Q1T1)	2	A,*1
-22	146-54144	.	SEAL ASSY, Electrical switch protector	4	A,*1
-23	146-54144-5	.	SEAL ASSY, Electrical switch protector	2	A,*1
-24	NAS51-87	. .	RING, External retainer (used on 146-54144-5 only)	1	A,*1
-25	102-54256-3	. .	NUT, Landing gear position indicator switch protector	1	A,*1
-26	160-54259-3	. .	SPRING, Compression (used on 146-54144-5)	1	A,*1
	102-54259-3	. .	SPRING, Landing gear position indicator switch protector seal (used on 146-54144)	1	A,*1
-27	102-54265-3	. .	RETAINER, Switch protector seal spring	1	A,*1
-28	2W1AL32-21-72	. .	WASHER, (used on 146-54144-5) (North American)	1	A,*1
-29	146-54145	. .	SLEEVE, Electrical switch protector seal	1	A,*1
-30	146-54146-3	. .	CAP, Electrical switch protector seal (used on 146-54144-5)	1	A,*1
	146-54146	. .	CAP, Electrical switch protector seal (used on 146-54144)	1	A,*1
-31	8C4-3	.	COVER, Switch protector (North American)	6	A,*1
-32	151-54243-1	.	ACTUATOR ASSY, Main landing gear door open indicator switch LH	1	A,*1
	151-54243-2	.	ACTUATOR ASSY, Main landing gear door open indicator switch RH	1	A,*1
-33	AN315-3R	. .	NUT	1	A,*1
-34	151-54261-5	. .	STOP, Main landing gear uplock sequence switch elec	1	A,*1
-35	AN365-1032	. .	NUT	1	A,*1
-36	AN960D10L	. .	WASHER	1	A,*1
-37	AN3-6A	. .	BOLT	1	A,*1
-38	151-54244	. .	ACTUATOR, Main landing gear door open indicator switch	1	A,*1
-39	151-54245	. .	ARM, Main landing gear door open indicator switch actuator	1	A,*1
-40	AN960D416L	. .	WASHER	2	A,*1
-41	4S4D8-10	. .	SPACER, (North American)	2	A,*1
-42	151-54246	. .	BRACKET, Main landing gear door open indicator	1	A,*1
-43	AN365-832	*2 .	NUT	2	E,B
-44	AN515-8R8	*2 .	SCREW	2	E,B
-45	2W17-8M	*2 .	WASHER, Corrosive resistant steel (North American)	2	E,B
-46	151-54428-31	*2 .	COVER ASSY, Relay	1	E,B
-47	AN3311-1	*2 .	RELAY, 10 amp spdt (landing gear door control)	1	E,B
-48	8C7B7S-24	*2 .	COVER, (North American)	1	E,B

*1 Removed from airplanes reworked in accordance with T. O. 1F-86F-120 See fig. 421
*2 Also used on airplanes 51-2928 thru 51-12969 and 51-13070 thru 51-13089 that have been modified per T. O. 1F-86F-506.

USEABLE ON CODE:
A 51-2850 thru 51-2927
B 51-13090 and subs
C 51-2850 thru 51-13510
D 52-4305 thru 52-5063, 52-5272 thru 52-5328
E 51-12970 thru 51-12976

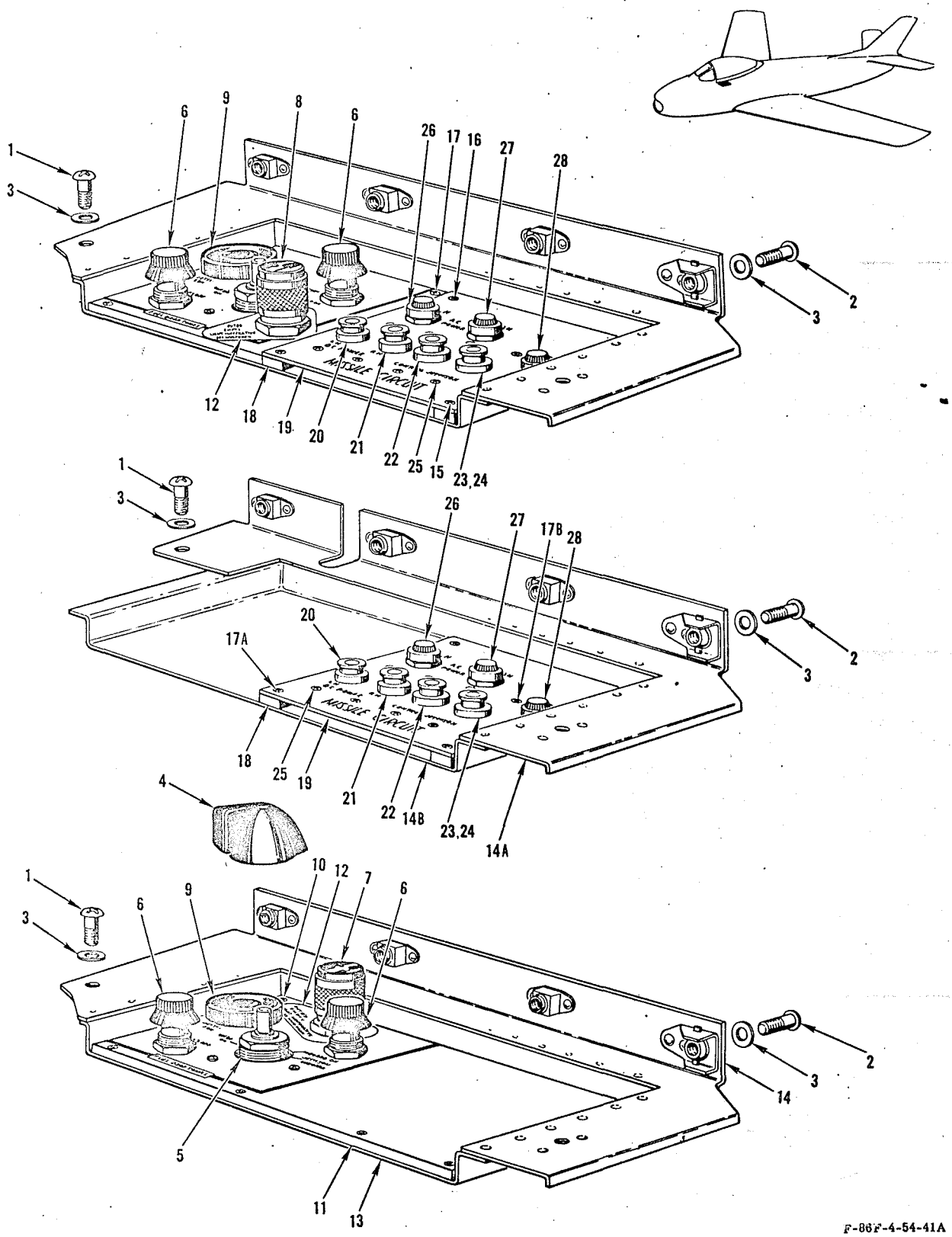


FIGURE 321 - FUSELAGE STATION 80.97 TO 90.75 COMPLETE LH ELECTRICAL PANEL ASSEMBLY

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
321	176-54032	*1	PANEL ASSEMBLY, Electrical LH fuselage station 80.97 to 95.75 complete (see figure 294 for next assembly)	Ref	A
	176-54032-11	*2	PANEL ASSEMBLY, Electrical LH fuselage station 80.97 to 95.75 complete (see figure 294 for next assembly)	Ref	B
	ATTACHING PARTS				
-1	AN515-8R7		SCREW	3	
-2	AN515-8R10		SCREW	6	
-3	AN960D8L		WASHER	9	
	---*---				
-4	187-54014		. KNOB, Electrical (altered from AN3220-3)	1	A,B
-5	AN3211-3		. SWITCH, (fuel drop tanks jettison)	1	A,B
	176-54035		. BAR, Electrical AN3211 selector switch bus	4	A,B
-6	MS25010-2		. LIGHT ASSY, (inst panel) (use (Wemac) 1617C2 until exh)	2	A,B
	AN3140-327		. LAMP	2	A,B
-7	AN3157-4		. LIGHT ASSEMBLY	1	A
	AN3121-313		. LAMP	1	A
-8	AN3157-4		. LIGHT ASSEMBLY	1	B
	AN3121-313		. LAMP	1	B
-9	A1901RCUR		. SWITCH, Push button (Hetherington)	1	A,B
	2W1AL40-28-64		. WASHER, (North American)	1	A,B
-10	AN365-632		. NUT	2	A,B
	AN960D6		. WASHER	2	A,B
	AN515-6R8		. SCREW	2	A,B
-11	176-54034		. RETRACTOR ASSY, Elec LH fus sta 80.97 to 95.75	1	A
	176-54034-11		. RETRACTOR ASSY, Elec LH fus sta 80.97 to 95.75	1	B
-12	191-54046		. NAMEPLATE, Elec outbd empty light inoperative	1	A,B
	176-54033		. PANEL ASSY, Elec LH fus sta 80.97 to 95.75	1	A
	176-54033-11		. PANEL ASSY, Elec LH fus sta 80.97 to 95.75	1	B
-13	176-54033-3		. . PANEL, Elec LH fus sta 80.97 to 95.75	1	A,B
-14	176-54033-5		. . WEB, Elec LH fus sta 80.97 to 95.75	1	A,B
	202-540010	*2	. PANEL INSTL, Fuse and circuit breaker, GAR-8 sidewinder missile (Mod)	NP	C
	59D76661	*4	. PANEL INSTL, Elec LH fus sta 80.97 to 95.75 GAR-8 sidewinder missile, fus and circuit breaker	1	D
-14A	59D76671	*4	. . PANEL ASSY, Elec LH fus sta 80.97 to 95.75	1	D
-14B	59D76660	*4	. . PANEL ASSY, Elec LH fus sta 80.97 to 95.75	1	D
-15	AN515-8R10	*2	. . SCREW	2	C
-16	AN515-6R10	*2	. . SCREW	2	C
	2W18-6	*2	. . WASHER, (North American)	2	C
	AN365-632	*2	. . NUT	2	C
-17	AN515-6R8	*2	. . SCREW	1	C
	2W18-6	*2	. . WASHER, (North American)	1	C
	AN365-632	*2	. . NUT	1	C
-17A	AN515-6R10	*4	. . SCREW	3	D
-17B	AN515-8R10	*4	. . SCREW	1	D
	202-540006	*2	. . PANEL, Fuse and circuit breaker, GAR-8 sidewinder missile, assy of	1	C,D
	202-540006-11		. . . PANEL ASSY, Fuse and circuit breaker, GAR-8 sidewinder missile	1	C,D
-18	202-540006-5		. . . . SPACER, Fuse and circuit breaker panel	2	C,D
-19	202-540006-3		. . . . WEB, Fuse and circuit breaker panel	1	C,D
-20	MS25017-10		. . . CIRCUIT BREAKER, (LH dc power)	1	C,D
-21	MS25017-10		. . . CIRCUIT BREAKER, (RH dc power)	1	C,D
-22	MS25017-10		. . . CIRCUIT BREAKER, (missile control)	1	C,D
-23	MS25017-5		. . . CIRCUIT BREAKER, (missile jettison)	1	C,D
	2B1B6-3		. . . BUS BAR, (North American)	1	C,D
-24			DELETED		
-25	AN515-6R5		. . . SCREW	8	C,D
-26	MDL 1/2	*3	. . . FUSE, (Bussmann) (LH ac power)	1	C,D
-27	MDL 1/2	*3	. . . FUSE, (Bussmann) (RH ac power)	1	C,D
	HKP-H		. . . HOLDER, (Bussmann)	2	C,D
-28	MDL 1/2	*3	. . . FUSE, (Bussmann) (spare)	1	C,D
	HKP-H		. . . HOLDER, (Bussmann) (spare)	1	C,D

*1 Not used on airplanes coded C modified per T. O. 1F-86F-533.
*2 Used on airplanes coded C modified per T. O. 1F-86F-533.
*3 Littlefuse 313.500 may be substituted for Bussmann MDL 1/2 amp fuse.
*4 Used on airplanes coded D modified per T. O. 1F-86F-533, see fig. 328 for airplanes not modified per T. O. 1F-86F-533.

USEABLE ON CODE:
A 51-13170 thru 51-13283, 52-4305 thru 52-4454
B 51-13284 thru 51-13510, 52-4455 thru 52-5163, 52-5272 thru 52-5530
C 51-13170 thru 51-13510, 52-5272 thru 52-5521, 52-5523 thru 52-5530, 52-4305 thru 52-5051, 52-5017 thru 52-5163
D 52-5164 thru 52-5271, 53-1072 and subs

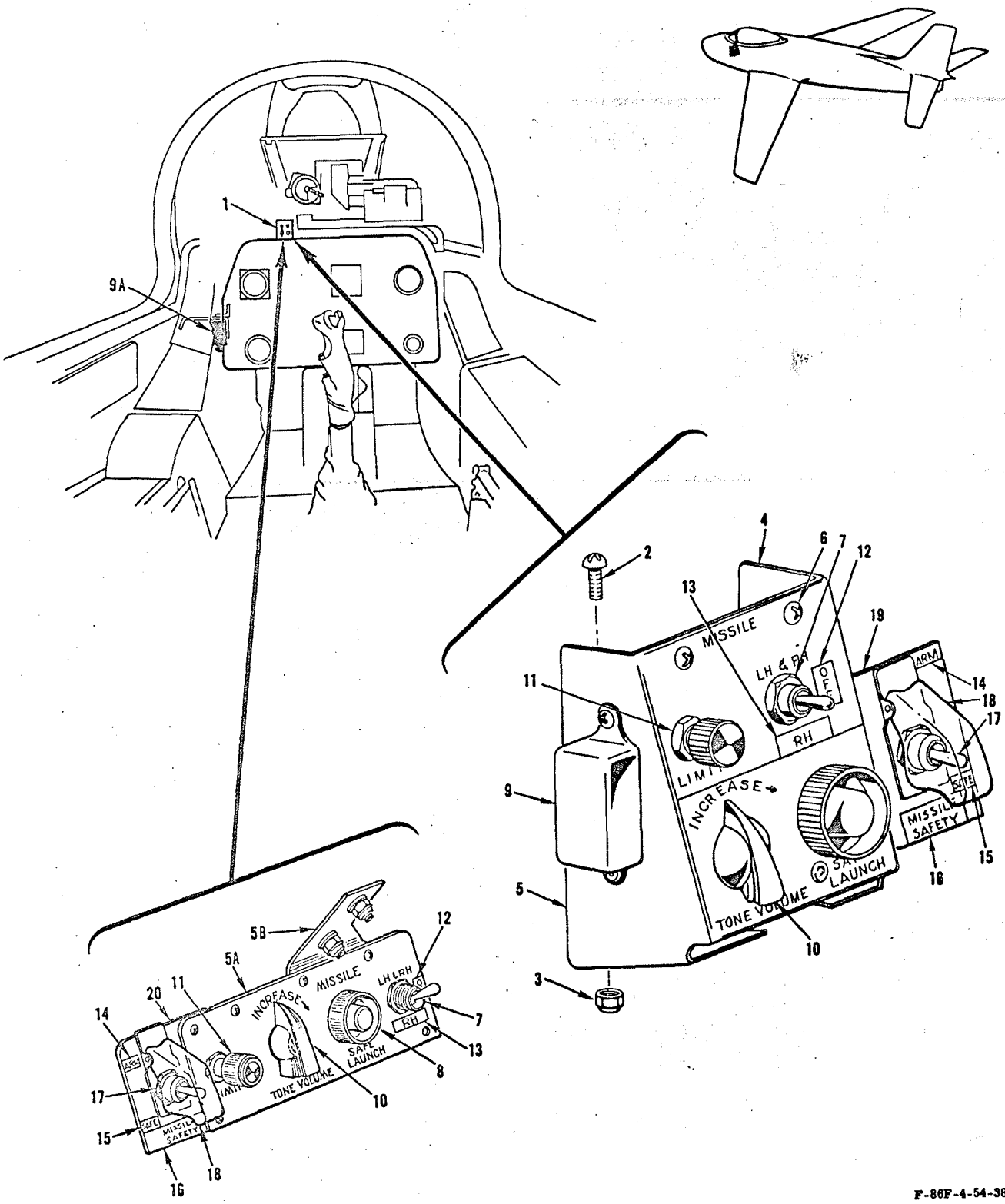
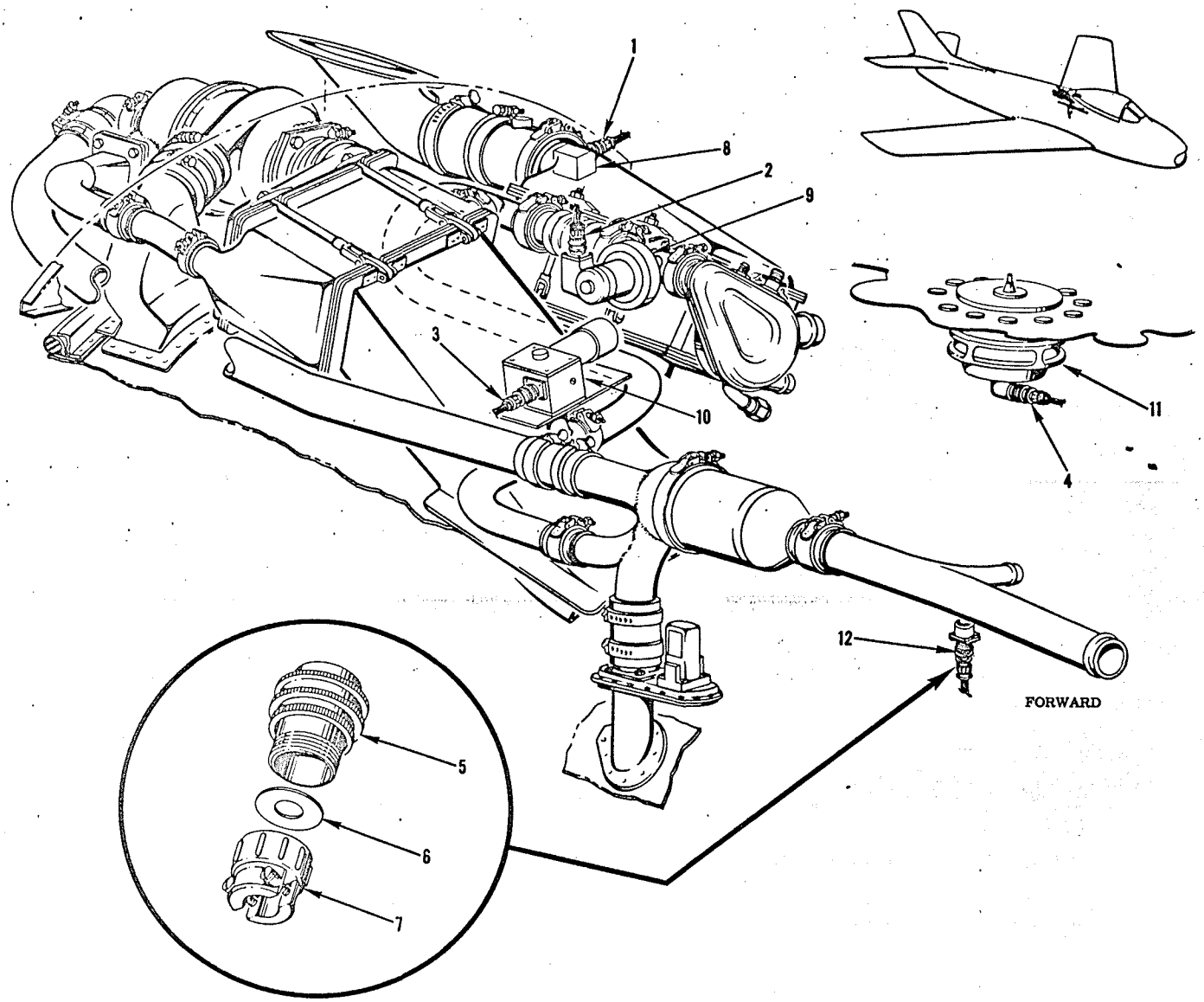


FIGURE 321A - ELECTRICAL GAR-8 SIDEWINDER MISSILE SHROUD CONTROL PANEL ASSEMBLY (MOD)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
321A				ELECTRICAL GAR-8 SIDEWINDER MISSILE SHROUD CONTROL PANEL ASSEMBLY (MOD)		
	202-540001	*1	.	ELECTRICAL EQUIP. INSTL, GAR-8 sidewinder missile (Mod) . . . (see fig. 108 for next assy)	NP	A
-1	202-540004		.	PANEL, Elec control GAR-8 sidewinder missile shroud, . . . assy of	1	A
	ATTACHING PARTS					
-2	AN515-8R7	*1*2	. .	SCREW	4	A
-3	AN365-832	*1*2	. .	NUT	4	A
		---*---				
-4	202-540004-3	*1*2	. . .	PANEL, Elec control GAR-8 sidewinder missile shroud . .	1	A
-5	202-540004-5	*1*2	. . .	SUPPORT, Elec control GAR-8 sidewinder missile shroud .	1	A
-5A	59B76775	*3	. . .	PANEL, Elec control GAR-8 sidewinder missile shroud, . assy of	1	
-5B	60B94107	*3	. . .	CLIP, Mounting switch panel	1	
-6	AN515-8R8	*1*2	. . .	SCREW	2	A
	2W18-8L	*1*2	. . .	WASHER, (North American).	2	A
	NAS679A08	*1*2	. . .	NUT	2	A
-7	AN3027-1	*6	. . .	SWITCH, (salvo LH and RH)	1	A
-8	W1034BHRS4R	*6	. . .	SWITCH, (safe launch) (Hetherington).	1	A
-9	CP53B1EF104K	*1*2	. . .	CAPACITOR, (Spec MIL-C25) (.1MFD) (tone control). . . .	1	A
-9A	CP53B1EE104K	*3	. . .	CAPACITOR, (Spec MIL-C25) (.1MFD) (tone control). . . .	1	A
	202-540002-51		. . .	HARNESS ASSY, Elec GAR-8 sidewinder	1	A
-10	RV4SAYSD102B	*5	. . . .	RHEOSTAT, (signal volume control) (1000 ohm) (Spec MIL-R94B) .	1	A
	AN3220-1	*5	. . . .	KNOB	1	A
-11	MS25041-4		. . . .	LIGHT ASSY, ("G" limit indicator).	1	A
	AN3140-327		. . . .	LAMP	1	A
-12	62B40220-9	*4	. . .	DECAL, Missile safety (OFF)	1	A
-13	61C40105-13	*4	. . .	DECAL, Missile (RH)	1	A
-14	62B40220-7	*4	. . .	DECAL, Missile safety (ARM)	1	A
-15	62B40220-5	*4	. . .	DECAL, Missile safety (SAFE).	1	A
-16	62B40220-3	*4	. . .	DECAL, Missile safety	1	A
-17	MS35058-23	*4	. . .	SWITCH, (Missile safety).	1	A
-18	MS25224-1	*4	. . .	GUARD	1	A
-19	62B40211	*4	. . .	BRACKET, Panel GAR-8 missile	1	A
-20	62B40210	*4	. . .	PANEL, Switch GAR-8 missile	1	A

*1 Used on airplanes coded A modified per T.O. 1F-86F-533.
*2 Not used on airplanes modified per T.O. 1F-86F-535.
*3 Used on airplanes modified per T.O. 1F-86F-535.
*4 Used on airplanes modified per T.O. 1F-86-593.
*5 Not used on airplanes coded B when modified per T.O. 1F-86-593; see fig. 289 for new location.
*6 Not used on airplanes modified per T.O. 1F-86-593; see fig. 287 or fig. 289 for new location.

USEABLE ON CODE: A 51-13170 thru 13510, 52-5272 thru 52-5521, 52-5523 thru 52-5530, 52-4305 thru 52-5015, 52-5017 thru 52-5271, 53-1072 thru 53-1228, 53-3816 thru 55-4030, 55-4983 thru 55-5047
B 52-4955 thru 52-5163, 52-5387 thru 52-5530



176-54-109

FIGURE 322 - HEAT AND VENT ELECTRICAL EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
322	No Number	HEAT AND VENT ELECTRICAL EQUIPMENT, (see figure 313 for next assembly)	NP	
-1	AN3106B14S5S	. PLUG, (heat exchange modulating valve)	1	A
	AN3106B14S7S	. PLUG, (heat exchange modulating valve)	1	B
	AN3057-6A	. ADAPTER	1	
-2	AN3106B14S5S	. PLUG, (cockpit air shut-off valve)	1	
	AN3057-6A	. ADAPTER	1	
-3	AN3106B14S5S	. PLUG, (cockpit hot air by-pass valve)	1	
	AN3057-6A	. ADAPTER	1	
-4	AN3108-10SL4S	. PLUG, (cockpit dump valve)	1	
	AN3057-4A	. ADAPTER	1	
-5	AN3106B10S3S	. PLUG, (cockpit air temperature pick-up control)	1	
-6	2W1R16-22-93	. WASHER	1	
-7	AN3057-6A	. ADAPTER	1	
-8	94510-2	VALVE ASSY, 3 in. modulating (Airesearch) (see fig. 377)	Ref	
-9	WB008-1 1/2	VALVE ASSY, System shut-off (Whittaker) (see fig. 382)	Ref	
-10	93750-3	VALVE ASSY, 1 1/2 modulating (Airesearch) (see fig. 382)	Ref	
-11	550120	VALVE ASSY, Dump (Pacific Airmotive) (see fig. 382)	Ref	
-12	33500-05	PICK-UP, (Airesearch) (see figure 385)	Ref	

USEABLE ON CODE:
A 51-2850 thru 51-12976
B 51-13070 and subs

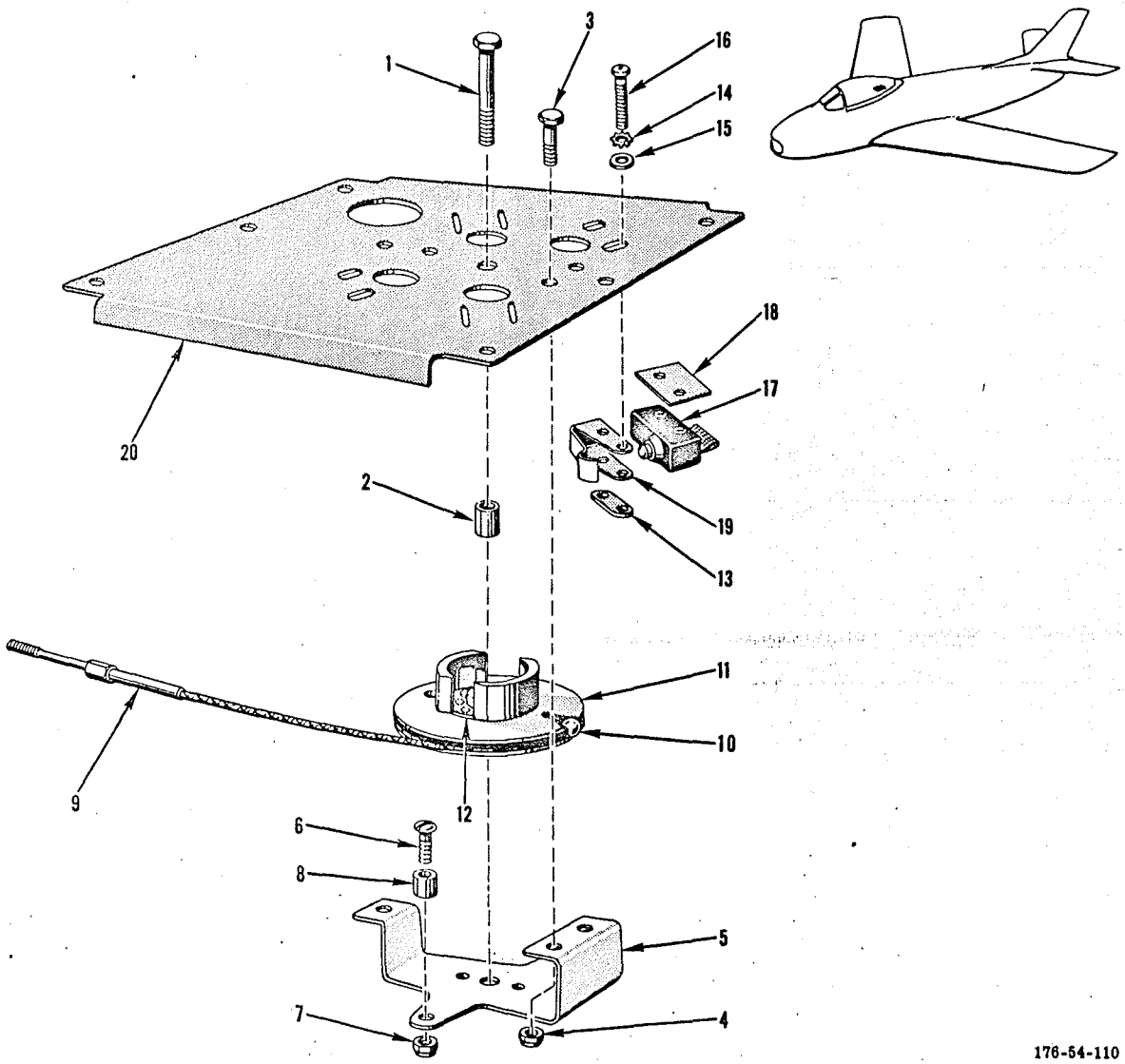
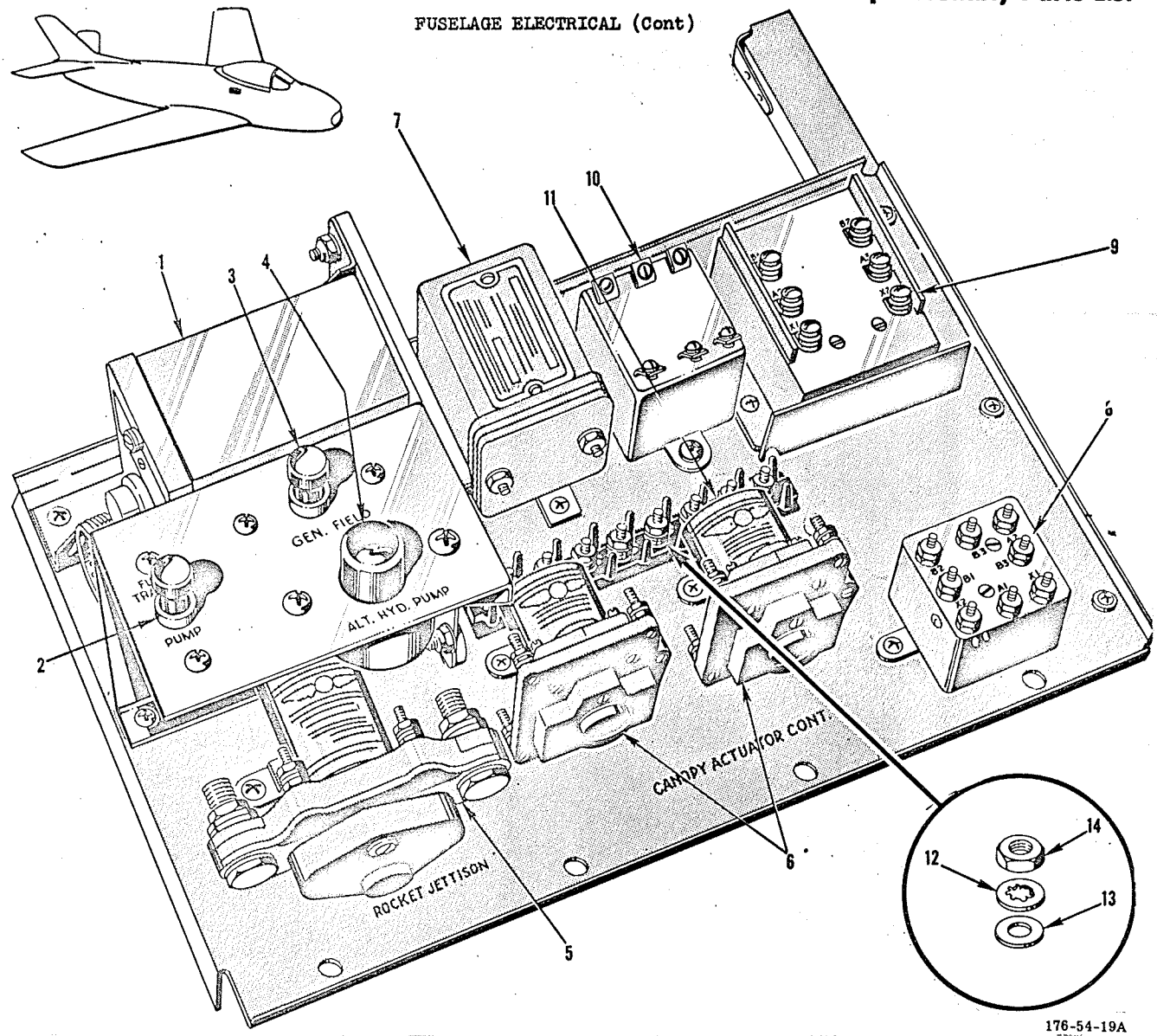


FIGURE 323 - ELECTRICAL WING FLAP CONTROL PULLEY AND SWITCH CLUSTER ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
323	170-54071	CLUSTER ASSEMBLY, Electrical wing flap control pulley and switch (see figure 316 for next assembly)	Ref	A
-1	AN4-16A	. BOLT	1	A
-2	NAS43DD4-40	. SPACER, Bolt	1	A
-3	AN3-3A	. BOLT	3	A
-4	AN365-1032	. NUT	3	A
-5	170-54073	. GUARD ASSY, Electrical wing flap pulley fuselage sta 152	1	A
-6	AN515-6R10	. SCREW	2	A
-7	AN365-632	. NUT	2	A
-8	NAS43DD1-16	. SPACER, Screw	2	A
-9	170-54076	. CABLE ASSEMBLY, Electrical wing flap aft	1	A
-10	RA2487-3	. . BALL, (American Chain and Cable)	1	A
-11	170-54072	. PULLEY ASSY, Electrical wing flap switch actuator fuselage station 152	1	A
-12	AN218-4	. . BEARING	1	A
-13	134-43056	. PLATE, Engine control microswitch holddown tap	4	A
-14	AN936B8	. WASHER	8	A
-15	AN960D6	. WASHER	8	A
-16	AN500A6-18	. SCREW	8	A
-17	WA3SBT1	. SWITCH, (wing flap) (Micro Switch)	4	A
-18	159-48167	. INSULATOR, Fuel selector valve control microswitch	4	A
-19	170-54075	. ACTUATOR, Electrical wing flap switch	4	A
-20	170-54074	. BRACKET, Electric wing flap pulley support fuselage sta 152	1	A

USEABLE ON CODE: A 51-2850 thru 51-13109



176-54-19A

FIGURE 324 - ELECTRICAL RELAY AND CONTROL PANEL COMPLETE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
324	151-54122-50		PANEL ASSY, Elec relay and control complete (see fig. 314) . . .	Ref	A
	151-54122-60		PANEL ASSY, Elec relay and control complete (see fig. 314) . . .	Ref	B,D,E
	151-54122-70		PANEL ASSY, Elec relay and control complete (see fig. 314) . . .	Ref	C
	151-54122-80		PANEL ASSY, Elec relay and control complete (see fig. 314) . . .	Ref	F
	151-54122-90		PANEL ASSY, Elec relay and control complete (see fig. 314) . . .	Ref	K
-1	No Number		. RELAY, Generator field control 24V dc, type M2 . . . . . (AERNO 42-1530) (Spec 32603) (GFAE)	1	*3
	No Number		. RELAY, Generator field control 24V dc, type M2 (Spec 32603) .	1	K
-2	AN3161P15	*1	. CIRCUIT BREAKER, (fuel trans. pump)	1	B,D,H
-3	AN3161P20	*1	. CIRCUIT BREAKER, (generator field)	1	J
-4	C6766-3-70		. CIRCUIT BREAKER, (alternate hydraulic pump No. 1) (Spencer-Klixon) (use Spencer Thermostat PDLM70 untl exh)	1	J
-5	AN3370-1		. RELAY ASSY, 200 amp SPST (rocket jettison)	1	
-6	AN3350-1	*2	. RELAY ASSY, 50 amp SPST (canopy actuator control)	2	
-7	No Number		. RELAY, Over-voltage generator type E2 (AERNO 42-1520) (GFAE).	1	*3
	No Number		. RELAY, Over-voltage generator type E2 (Spec 32591)	1	K
-8	AN3316-1		. RELAY, 10 amp 3PDT (ammunition compartment heat control) . .	1	G,E
-9	G54226		. RELAY, (rocket arming solenoid) (Guardian)	1	
-10	237EAU		. RELAY, (all bombs) (Leach)	1	
-11	AN3436-2-8		. TERMINAL BLOCK ASSY	1	
-12	AN936A6B		. WASHER	8	
-13	AN961-6		. WASHER	8	
-14	AN341-6		. NUT	8	

*1 AN3161P() circuit breakers are intrch with MS24506() of the same dash number.
*2 AN3350-1 is intrch with AN3350-2. *3 Useable on code A,B,C,D,E,F.

USEABLE ON CODE: A 51-2850 thru 51-2927 E 52-4305 thru 52-5063, G 51-2850 thru 51-13510
B 51-2928 thru 51-12976 52-5272 thru 52-5328 H 52-4305 and subs
C 51-13070 thru 51-13079 F 52-5064 thru 52-5271, J 51-2928 and subs
D 51-13080 thru 51-13510 52-5329 thru 53-1228 K 55-3816 and subs

FUSELAGE ELECTRICAL (Cont)

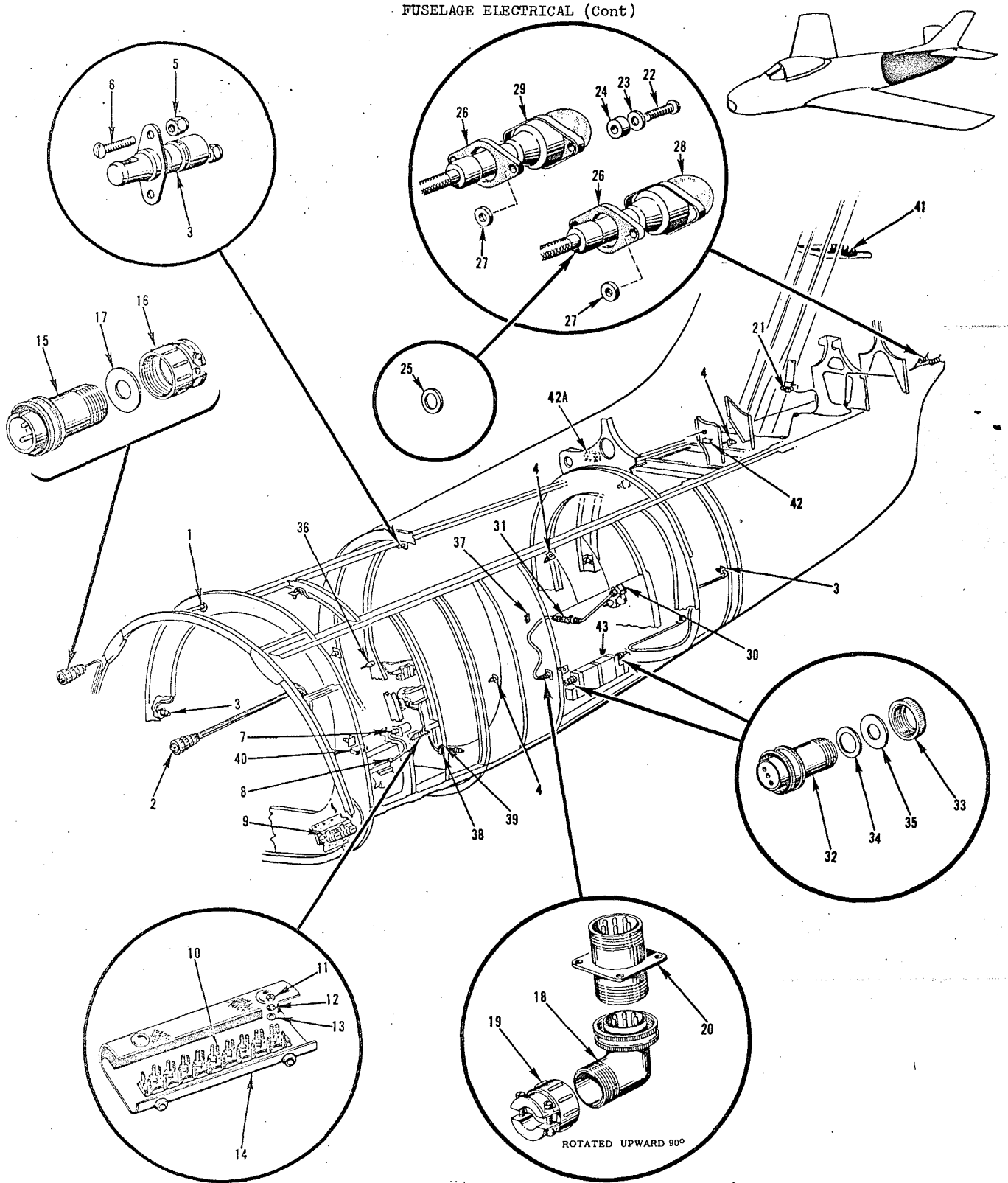


FIGURE 325 - FUSELAGE REAR SECTION ELECTRICAL EQUIPMENT

F-86F-4-54-24A

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
325	170-54131	ELEC EQUIP. INSTL, Fus rear sect. (see fig. 108 for next assy) .	NP	A
	176-54131	ELEC EQUIP. INSTL, Fus rear sect. (see fig. 108 for next assy) .	NP	B
-1	140-54135	. CONDUIT, Sta 244 to 341 LH rear fuselage electrical	1	
-2	AN3106B32-6P	. PLUG, (aft fuselage disconnect)	1	
	AN3057-20A	. ADAPTER	1	
	1J1-1A2-4	. JUMPER, Wire (North American)	1	

FUSELAGE ELECTRICAL (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
325-3	36010-2	.	THERMOCOUPLE ASSY, Fire detector (Edison) (use Edison 315115-2 or 35534-2 untl exh)	13	A,C
-4	36010-2	.	THERMOCOUPLE ASSY, Fire detector (Edison) (use Edison 315115-2 or 35534-2 untl exh)	3	D
-5	AN365-832	.	NUT	26	
-6	AN515-8R8	.	SCREW	26	
-7	AN3106B14S2S	.	PLUG, (emergency hydraulic pressure transmitter)	1	
	AN3057-6A	.	ADAPTER	1	
-8	AN3106B20-19S	.	PLUG, (emergency hydraulic pump)	1	
	AN3057-12A	.	ADAPTER	1	
-9	AN3370-1	.	RELAY, 200 amp SPST (emergency hydraulic pump)	2	
	NAS44-616P2	.	BUS BAR, Electrical	1	
	172-54073	.	COVER ASSEMBLY, Electrical emergency hydraulic pump relays	1	
-10	AN3436-6-9	.	TERMINAL BLOCK ASSEMBLY, (emergency hyd system)	1	
	AN3433-2-2	.	BUS	2	
-11	AN341-6	.	NUT	9	
-12	AN936A6B	.	WASHER	9	
-13	AN961-6	.	WASHER	9	
-14	157-54328	.	COVER ASSY, Electrical terminal strip insulating	1	F
	397-9	.	COVER, (Henry Engineering)	1	B
-15	AN3106B16-12P	.	PLUG, (emergency hydraulic pump manual override)	1	
-16	AN3057-8A	.	ADAPTER	1	
-17	2W1P23-26-62	.	WASHER, (North American)	1	
-18	AN3108B14S6P	.	PLUG, (left side speed brake well)	1	
-19	AN3057-6A	.	ADAPTER	1	
-20	AN3100A14S6S	.	RECEPTACLE, (left side speed brake well)	1	
-21	AN3101A14S5S	.	RECEPTACLE, (rudder disconnect)	1	
	AN3057-6A	.	ADAPTER	1	
	1J1-1A3-6	.	JUMPER, Wire (North American)	1	
-22	AN515-4R14	.	SCREW	4	
-23	AN960C4	.	WASHER	8	
-24	170-54041	.	WASHER, Electrical tail position light shock mount	4	
-25	2W1B24-20-62	.	WASHER, Plain (North American)	2	
-26	170-54042	.	GASKET, Electrical tail position light shock mount	2	
-27	2W1SR14-20-62	.	WASHER, Plain (North American)	2	
-28	47D6114-1	.	LIGHT ASSEMBLY, Type D3 yellow (intrch wth AN3158-2A)	1	A
	AN3158-2A	.	LIGHT ASSEMBLY, (yellow)	1	B
	AN3110-2	.	. COVER, Tail position light (yellow)	1	B
	AN3124-307	.	. LAMP, Incandescent, single contact bayonet candelabra S8 bulb	1	B
-29	47D6114-2	.	LIGHT ASSEMBLY, Type D3 white (intrch wth AN3158-1A)	1	A
	AN3158-1A	.	LIGHT ASSEMBLY, (white)	1	B
	AN3110-1	.	. COVER, Tail position light (white)	1	B
	AN3124-307	.	. LAMP, Incandescent, single contact bayonet candelabra S8 bulb	1	B
-30	AN3108B10SL4S	.	PLUG, (emergency return and supply solenoid valve)	1	
	AN3057-4A	.	ADAPTER	1	
-31	AN3106B14S6P	.	PLUG, (left side speed brake well)	1	
	AN3057-6A	.	ADAPTER	1	
	AN3100A14S6S	.	RECEPTACLE, (left side speed brake well)	1	
-32	AN3106B12S3S	.	PLUG, (left and right side emer hyd press switch)	2	
-33	AN3054-4	.	NUT	2	
-34	2W1P24-18-63	.	WASHER, (North American)	2	
-35	2W1SR14-20-62	.	WASHER, (North American)	2	
-36	AN3108B14S6P	.	PLUG, (right side speed brake well)	1	
	AN3057-6A	.	ADAPTER	2	
	AN3100A14S6S	.	RECEPTACLE, (right side speed brake well)	1	
-37	AN3436-2-2	.	TERMINAL BLOCK ASSY, (speed brake well)	1	
	397-2	.	COVER, (Henry Engineering)	1	
	AN3433-2-2	.	BUS	1	
	AN340-6	.	NUT	2	
	AN936A6B	.	WASHER	2	
	AN960-6	.	WASHER	2	
-38	AN3161P10 *1	.	CIRCUIT BREAKER, (emergency hydraulic control)	1	
	ATTACHING PARTS				
-39	AN515-6R5	.	SCREW, (use with Mechanical Products and Square "D" circuit breakers)	AR	
	AN515-6R7	.	SCREW, (use with Spencer Thermostat circuit breakers)	AR	
	AN515-6R8	.	SCREW, (use with Wood Electrical circuit breakers)	1	
	---*---				
-40	CP53B2EB405K	.	FILTER, (altitude flight control pump) (Spec JAN-C25)	1	
-41	AN3436-2-3	.	TERMINAL BLOCK ASSEMBLY, (longitudinal artificial feel trim actuator)	1	E
	397-3	.	COVER, (Henry Engineering)	1	E
	AN341-6	.	NUT	3	E
	AN936A6B	.	WASHER	3	E
	AN961-6	.	WASHER	3	E
-42	AN3436-2-8	.	TERMINAL BLOCK ASSEMBLY	1	
	397-8	.	COVER, (Henry Engineering)	1	
-42A	AN3311-1	.	RELAY, (trim impulse)	1	G
-43	172-58624-9		SWITCH ASSY, Hyd alternate flight control press. complete (see figure 262)	Ref	

*1 ● AN3161P10 circuit breaker is intrch with MS24506-10

USEABLE ON CODE: A 51-2850 thru 51-12976; B 51-13070 and subs; C 51-13070 thru 51-13149, 52-4305 thru 52-4404; D 51-13150 thru 51-13510, 52-4405 and subs; E 51-12971 thru 51-12976, 51-13099 and subs; F 51-2850 thru 51-2927, 51-13070 thru 51-13169, 52-4305 thru 52-4504; G 55-3816 and subs

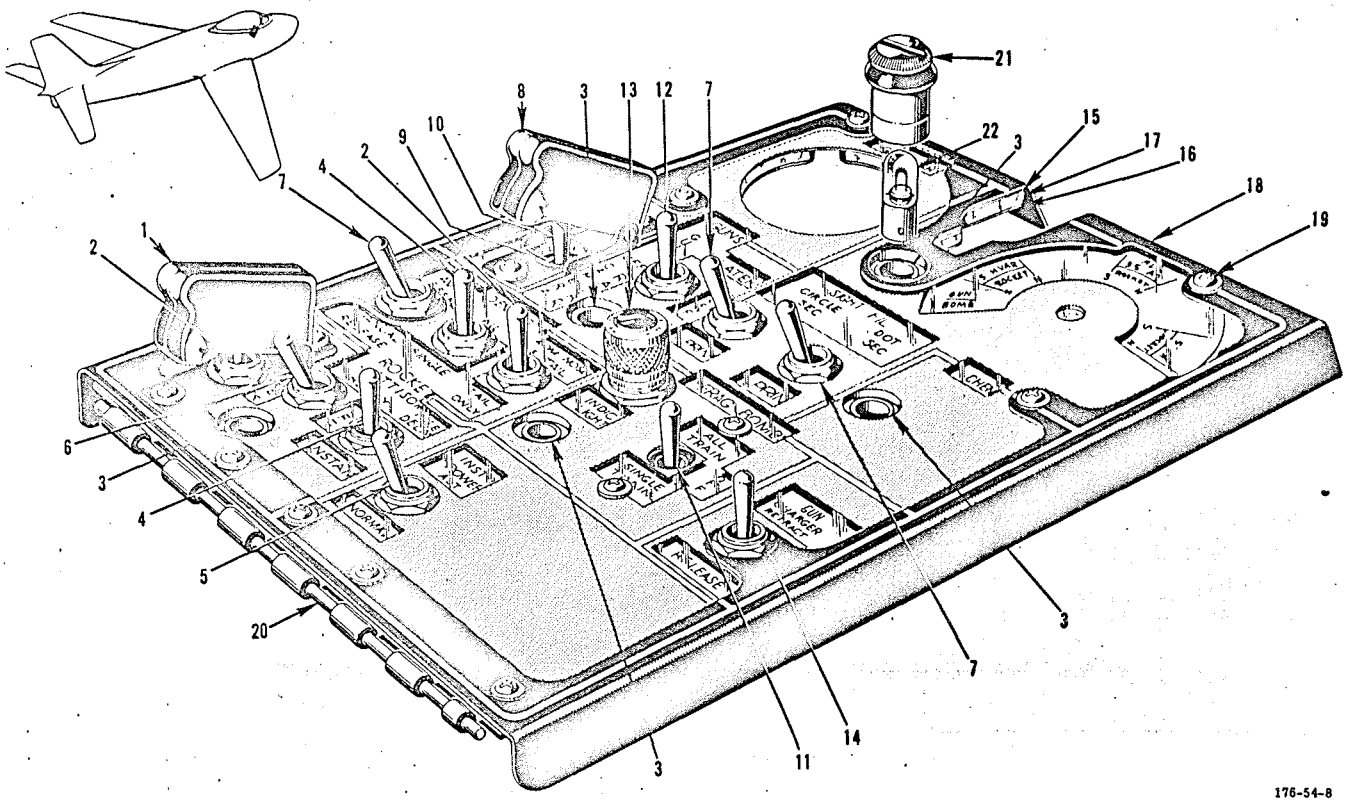
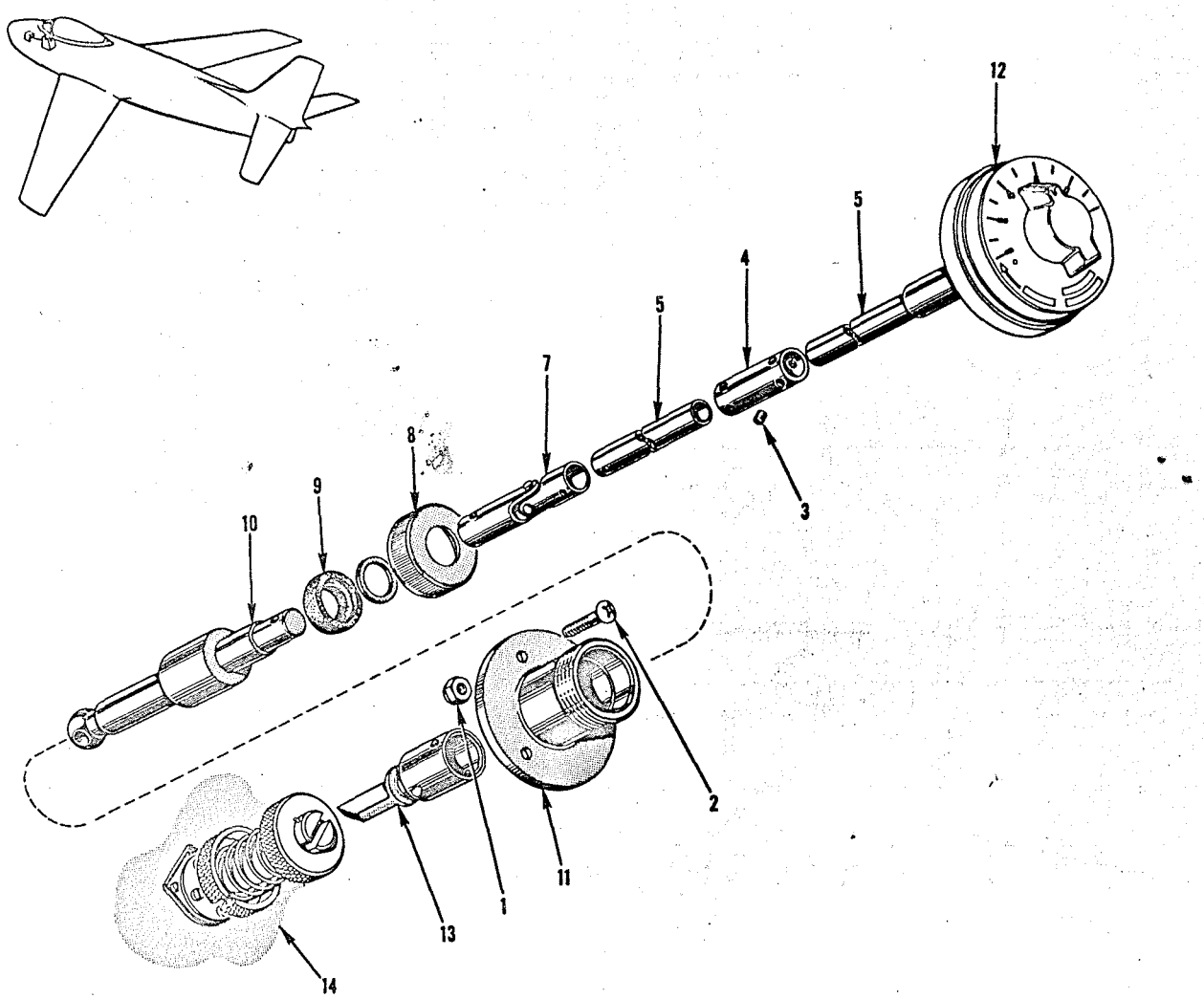


FIGURE 326 - CENTER PEDESTAL ELECTRICAL COVER ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
326	151-54320-40	COVER ASSY, Center pedestal elec (see fig. 309 for next assy)	Ref	A *1
-1	157-54089-13	. GUARD, Elec three hole mounting sw (altered from AN3333-1)	1	A *1
-2	AN3027-1	. SWITCH, (rocket selector bomb salvo and bomb)	2	A *1
	1J1-1A1A3	. JUMPER, Wire (North American)	2	A *1
	2B2C7	. BUS BAR, (North American)	2	A *1
-3	A4363	. SOCKET ASSY, Instrument red (Grimes)	5	A *1
	AN515-4R5	. SCREW, Machine round head coarse thread	5	A *1
	AN935-4	. WASHER, Spring lock	5	A *1
-4	AN3021-1	. SWITCH, (rocket jettison and bomb salvo)	2	A *1
-5	AN3027-3	. SWITCH, (instrument power)	1	A *1
-6	AN3027-3	. SWITCH, (rocket jettison)	1	A *1
	170-54090	. INSULATOR, Electrical single hole mounting switch	1	A *1
-7	AN3021-3	. SWITCH, (bomb salvo sight filter rocket jettison)	3	A *1
-8	8916K689	. GUARD, (with arrow) (guns) (Cutler-Hammer)	1	A *1
-9	AN3226-1	. SWITCH, (gun safety)	1	A *1
	1J1-1A1A8	. JUMPER, Wire (North American)	1	A *1
-10	AN3221-1	. TIP, (guns)	1	A *1
-11	AN3226-1	. SWITCH, (fragmentation bombs)	1	A *1
	1J1-1A1A8	. JUMPER, Wire (North American)	2	A *1
	2B2C8	. BUS BAR, (North American)	1	A *1
	AN515-6R8	. SCREW	2	A *1
	AN960D6L	. WASHER	2	A *1
	AN365-632	. NUT	2	A *1
-12	AN3027-8	. SWITCH, (guns)	1	A *1
-13	AN3157-4	. LIGHT ASSEMBLY, (fragmentation bombs)	1	A *1
	AN3121-313	. LAMP	1	A *1
-14	AN3021-7	. SWITCH, (gun charger)	1	A *1
-15	151-54332-30	. SHIELD, Electrical center pedestal panel	1	A *1
-16	151-54108-40	. SHIELD, Center pedestal panel electrical	1	A *1
-17	151-54106-40	. PANEL, Center pedestal lucite electrical	1	A *1
-18	151-54321-10	. COVER, Electrical center pedestal panel	1	A *1
-19	AN515-6R8	. SCREW	9	A *1
	AN960D6L	. WASHER	9	A *1
	AN365-632	. NUT	9	A *1
	151-54109	. HINGE ASSY, Center pedestal (electrical)	1	A *1
-20	AN253-3-650	. . PIN, Hinge	1	A *1
-21	A4364	LAMP HOUSING ASSY, Instl. light (Grimes) (see fig. 309)	Ref	
-22	AN3121-313	LAMP, (inst. light) (see figure 309)	Ref	

*1 Not used on airplanes modified per T. O. 1F-86F-516. See fig. 311 for modified configuration.
USEABLE ON CODE: A 51-2850 thru 51-2943



176-74-11 A

FIGURE 327 - GUN BOMB ROCKET SIGHT COMPUTER WIND SCALE CONTROL ASSEMBLY AND ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
327	172-74042		CONTROL ASSY, Gun bomb rocket sight computer wind scale (see figure 331 for next assembly)	Ref	
			ATTACHING PARTS		
-1	AN365-832		NUT	3	
-2	AN515-8R16		WASHER	3	
			---*---		
-3	AN565D8H3		. SCREW	4	
-4	172-74042-3		. COLLAR, Gun bomb rocket sight computer wind scale control	1	
-5	172-74042-5		. SHAFT, Gun bomb rocket sight computer wind scale control	2	
-6	DELETED				
-7	AN270B6		. JOINT	1	
-8	175-74046		. CAP, Computer shaft pressure seal (altered from 23322-5 Cannon)	1	
-9	14		. SEAL, Pressure (Garlock)	1	
-10	172-74039		. SHAFT ASSY, Gun bomb rocket sight computer universal control	1	
-11	157-74041		. HOUSING, Computer control shaft pressure seal	1	
-12	151-54446		SCALE ASSY, Elec bomb target wing (altered from GFAE 665088 (AC Spark Plug) (see figure 309)	Ref	
	187-74023		SCALE ASSY, GBR sight bomb target wind (altered from GFAE 665088 (AC Spark Plug) (see figure 312)	Ref	
-13	172-74041		UNIVERSAL ASSY, Gun bomb rocket sight computer control (see figure 331)	Ref	
-14	187-74066		COMPUTER ASSY, A4 gunsight (altered from GFAE 667494 Sperry component of AERNO 52-5263) (see figure 331)	Ref	

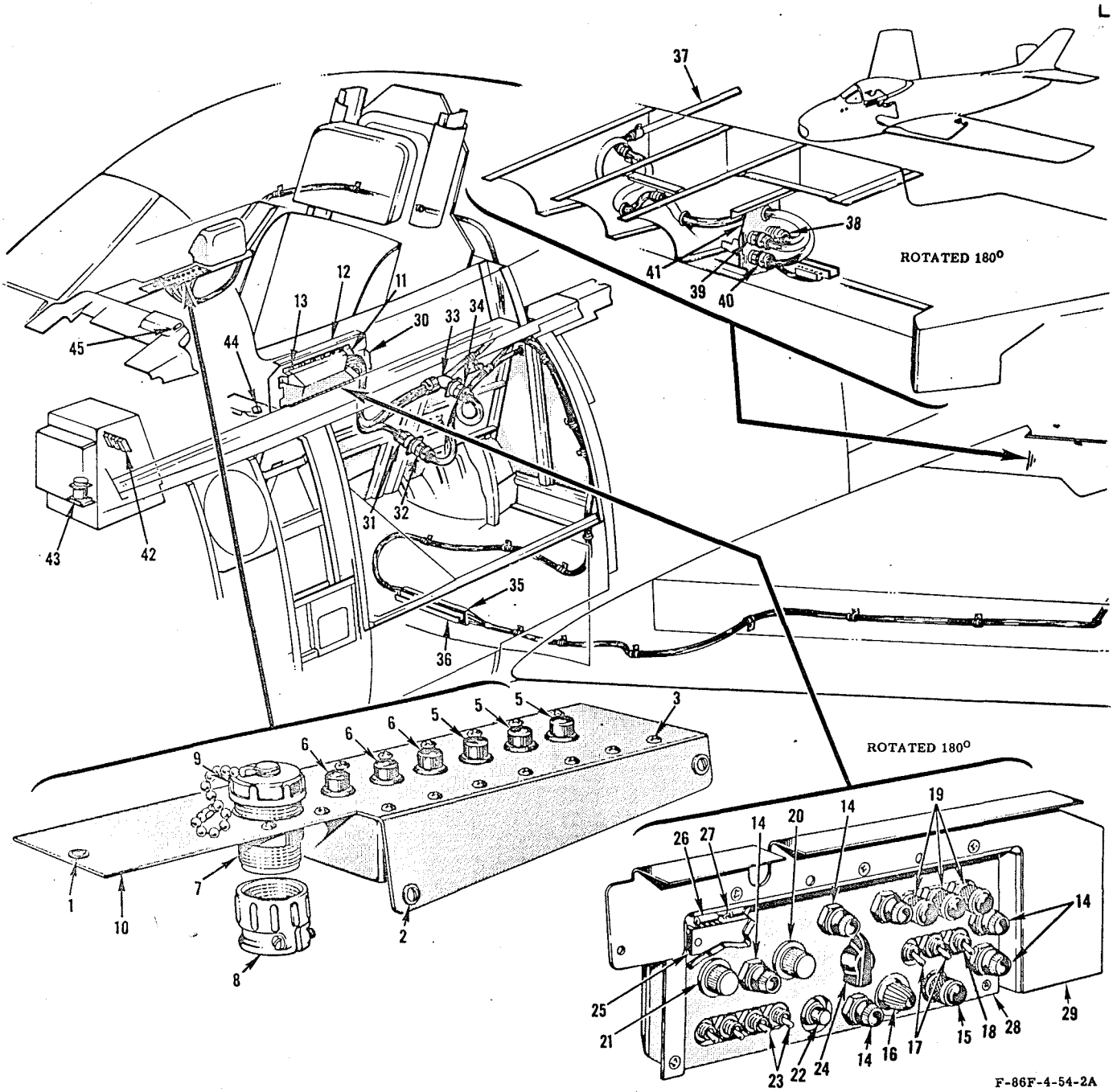


FIGURE 328 - SPECIAL STORES ELECTRICAL EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
328			SPECIAL STORES ELECTRICAL EQUIPMENT		
	191-54025-1		. ELECTRICAL EQUIPMENT INSTALLATION, Fuselage special stores (see figure 108 for next assembly)	NP	A
	191-54018		. . PANEL ASSEMBLY, Elec RH console circuit breakers	1	A
-1	A4-35		. . . FASTENER, (Dzus)	4	A
	2W1AL15-20-16		. . . WASHER, Plain (North American)	8	A
-2	A4-30		. . . FASTENER, (Dzus)	2	A
	2W1AL15-20-16		. . . WASHER, Plain (North American)	4	A
-3	AN515-6R6		. . . SCREW	12	A
-4	DELETED				
-5	AN3161P20		. . . CIRCUIT BREAKER, (R-1, R-2 and F power)	3	A
-6	AN3161P25		. . . CIRCUIT BREAKER, (1F1, fin and heater power)	3	A
-7	AN3100A16-9S		. . . RECEPTACLE, (altered from T23)	1	A
-8	AN3057-8A		. . . ADAPTER	1	A
-9	9760-16		. . . CAP, (Amphenol)	1	A
-10	191-54018-5		. . . PANEL ASSEMBLY, Elec RH console circuit breakers	1	A
-11	191-54019		. . COVER, Elec LH fus sta 80.97 to 95.75 panel	1	A
-12	191-54024	*1	. . PANEL ASSY, Elec LH fus sta 80.97 to 95.75 complete	1	B
	191-54024-21	*1	. . PANEL ASSY, Elec LH fus sta 80.97 to 95.75 complete	1	C

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
		ATTACHING PARTS		
328-13	AN5158R8	. . SCREW	6	A
	AN515-8R10	. . SCREW	4	A
	2W18-8L	. . WASHER, Flat (North American)	10	A
		---*---		
-14	MS25010-2	. . . LIGHT ASSY, (inst light) (Wemac 1616C2 untl exh)	6	A
	AN3140-327	. . . LAMP, (indirect lighting)	6	A
-15	AN3157-3	. . . LIGHT ASSEMBLY, (1F1 out)	1	A
-16	53410991	. . . LIGHT ASSY, (null check indicator) (Dial Light)	1	A
	NE51	. . . LAMP, (Dial Light)	1	A
-17	AN3021-8	. . . SWITCH, (1F1 operation and arm safe)	2	A
-18	AN3021-3	. . . SWITCH, (fin extend)	1	A
-19	AN3157-4	. . . LIGHT ASSY, (1F1 operation, arm safe and fin extend)	3	A
	AN3121-313	. . . LAMP, (indicator)	3	A
-20	413015	. . . FUSE, (arm safe) (Littelfuse)	1	A
	442001	. . . HOLDER, Fuse (Littelfuse)	1	A
-21	413002	. . . FUSE, (AC power) (Littelfuse)	1	A
	442001	. . . HOLDER, Fuse (Littelfuse)	1	A
-22	C4100A3	. . . SWITCH, (null check) (Hetherington)	1	B
-23	AN3021-2	. . . SWITCH, (heater, R-1, R-2 and AC power)	4	A
-24	AN3211-3	. . . SWITCH, (F selector)	1	A
	MS25002-3	. . . SWITCH, (F selector)	1	C
	AN3220-3	. . . KNOB, (F selector)	1	C
	176-54035	. . . BAR, Elec AN3211 selector switch bus	1	A
-25	AN3436-2-4	. . . TERMINAL BLOCK ASSY, (null resistor)	1	B,C
	AN3434-1	. . . STRIP, Terminal block mounting nut insulating	2	B,C
	397-4	. . . COVER, (Henry Engineering)	1	B
	397-2	. . . COVER, (Henry Engineering)	1	C
	191-54020	. . . RESISTOR ASSY, Elec terminal strip mounting	1	B
	191-54020-10	. . . RESISTOR ASSY, Elec terminal strip mounting	1	B
	203-54026	. . . RESISTOR ASSY, Elec T145 control box	1	C
-26	RC31AE473K	. . . . RESISTOR, 47000 ohms 1 watt (Spec JAN-R11) (used on 191-54020 only) (null check light)	1	B
	RC31AE104K	. . . . RESISTOR, 100,000 ohms 1 watt (Spec JAN-R11) (used on 191-54020-10 only) (null check light)	1	B
-27	RC30AE473K	. . . . RESISTOR, 47,000 ohms 1 watt (Spec JAN-R11)	1	C
	RC30AE104K	. . . . RESISTOR, 100,000 ohm 1 watt (Spec JAN-R11)	1	C
-28	191-54023	. . . PLATE, Elec LH vertical panel plastic	1	B
	191-54023-21	. . . PLATE, Elec LH vertical panel plastic	1	C
-29	191-54022	. . . PANEL ASSY, Elec LH fuselage sta 80.97 to 95.75	1	A
	191-54162	. . . . HOLDER ASSY, Elec spare null lamp and fuse	1	A
	191-54162-3	. . . . . HOLDER, Elec spare null lamp and fuse	1	A
-30	191-54190	. . SHIELD ASSY, Elec LH vertical switch panel wiring	1	A
-31	AN3100M28-11S	. . RECEPTACLE, (special stores pressure disconnect)	1	B
	AN3102M28-11S	. . RECEPTACLE, (special stores pressure disconnect)	1	C
-32	AN3106B28-11P	. . PLUG, (special stores pressure disconnect)	1	B
	54A3A224-28-11P	. . PLUG, (special stores pressure disconnect)	1	C
	AN3054-16	. . NUT	1	B
	4G3-28	. . GASKET, (North American)	1	A
	2W1P60-44-63	. . WASHER, Plain (North American)	1	B
	2W1SR44-44-91	. . WASHER, Plain (North American)	1	B
-33	AN3100M28-20S	. . RECEPTACLE, (special stores pressure disconnect)	1	B
	AN3102M28-20S	. . RECEPTACLE, (special stores pressure disconnect)	1	C
-34	AN3108B28-20P	. . PLUG, (special stores pressure disconnect)	1	B
	54A3A224-28-20P	. . PLUG, (special stores pressure disconnect)	1	C
	AN3054-16	. . NUT	1	B
	4G3-28	. . GASKET, (North American)	1	A
	2W1P60-28-20P	. . WASHER, Plain (North American)	1	B
	2W1SR44-44-91	. . WASHER, Plann (North American)	1	B
-35	AN3436-2-18	. . TERMINAL BLOCK ASSEMBLY, (special stores fuselage)	2	A
	397-18	. . COVER, (Henry Engineering)	2	A
-36	191-54017-11	. . ANGLE, Electrical terminal strip attaching	1	A
	191-54025-3	. ELECTRICAL EQUIPMENT INSTL, Wing special stores (see figure 7 for next assembly)	NP	D
	191-54025-5	. ELECTRICAL EQUIPMENT INSTL, Wing special stores (see figure 7 for next assy)	NP	E
-37	191-54064	. . CONDUIT, Electrical wing outer panel ext store	1	D
	191-54064-3	. . CONDUIT, Electrical wing outer panel ext store	1	E
-38	AN3100A28-20S	. . RECEPTACLE, (special stores pylon disconnect)	1	D,E
	AN3057-16A	. . ADAPTER	1	D,E
-39	AN3100A22-14S	. . RECEPTACLE, (special stores pylon disconnect)	1	D,E
	AN3057-12A	. . ADAPTER	1	D,E
-40	AN3100A28-11S	. . RECEPTACLE, (special stores pylon disconnect)	1	D,E
	AN3057-16A	. . ADAPTER	1	D,E
-41	191-54062	. . PANEL, Electrical ext. store wing disconnect	1	D,E
	AN520-10R8	. . SCREW	1	D,E
-42	AN3027-1	SWITCH, (bomb train selector) (see figure 285)	Ref	
-43	AN3352-1	RELAY, (bomb release power) (see figure 312)	Ref	
-44	AN3021-2	SWITCH, (special stores jettison) (see figure 299)	Ref	
-45	AN3157-6	LIGHT ASSY, (T. O. indicator) (see figure 105)	Ref	

*1 Not used on airplanes modified per T.O. 1F-86F-533 see fig. 321 for airplanes modified per T. O. 1F-86F-533.

USEABLE ON CODE: A 52-5164 thru 52-5271, 53-1027 and subs; B 52-5164 thru 52-5271, 53-1072 thru 55-3830; C 55-3831 and subs; D 52-5164 thru 52-5271, 53-1072 thru 53-1228; E 55-3816 and subs

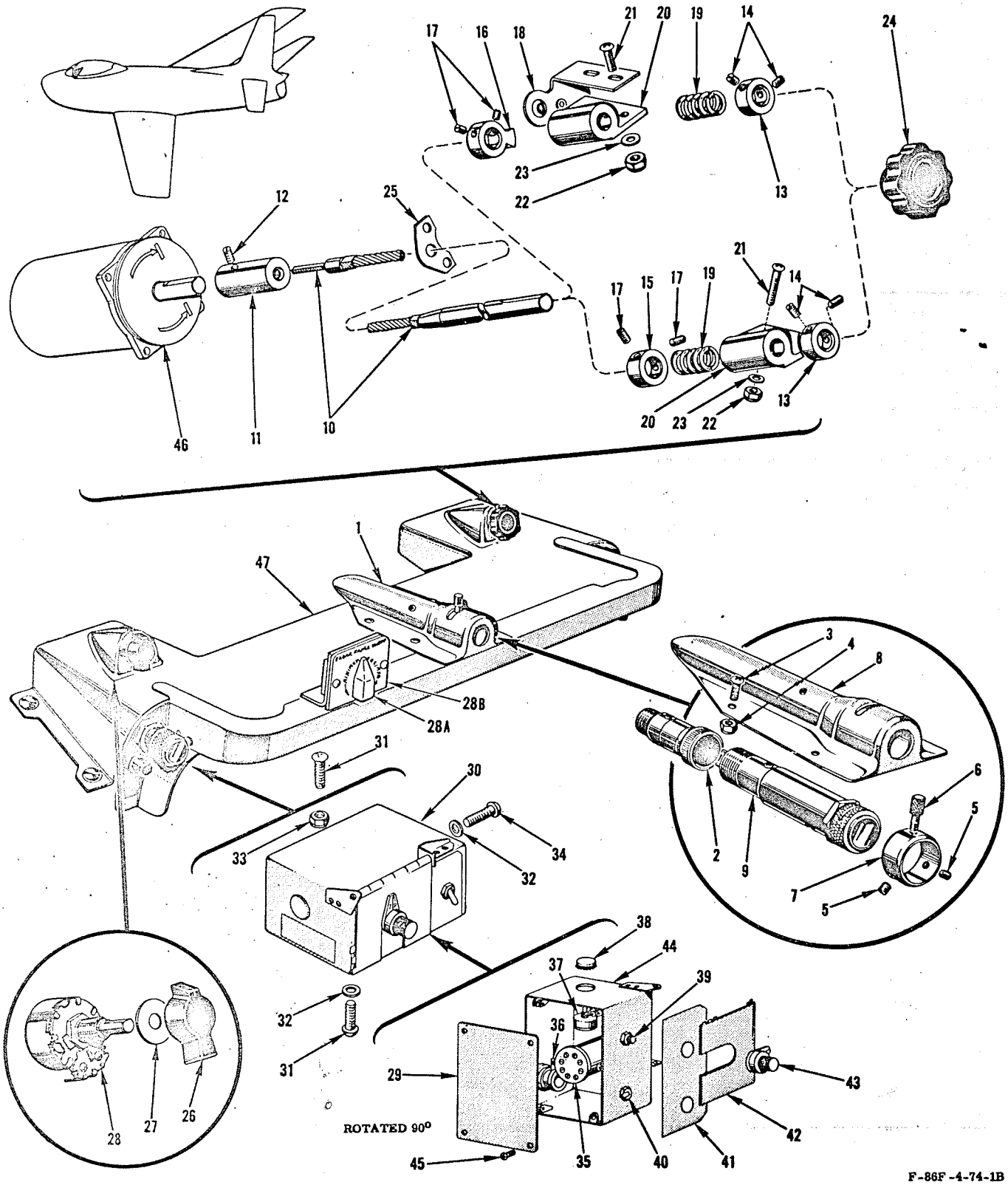


FIGURE 329 - RADAR SIGHT DIMMER RANGE SWEEP CONTROLS AND TARGET INDICATOR LAMP ASSEMBLY

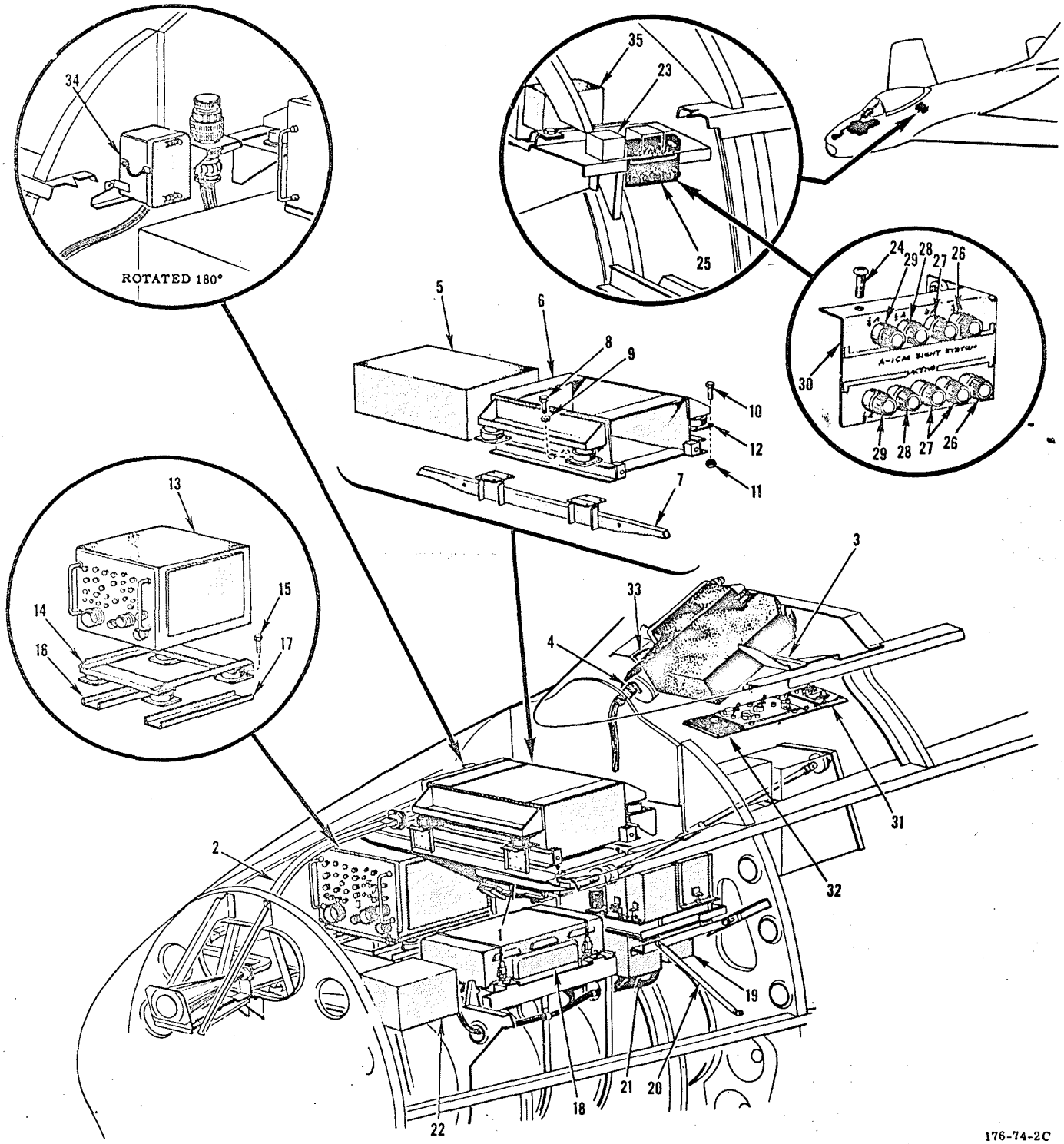
FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
329	No Number		RADAR SIGHT CONTROLS, (see figure 330 for next assy)	NP	
-1	172-74030		. LAMP ASSY, AN/APG30 radar target indicating	1	A
	ATTACHING PARTS				
-2	80MC2F1		. PLUG ASSY, Female element male shell microphone connector (Amer. Phenolic) (targer indicator)	1	A
-3	AN515-6R7		. SCREW	4	A
-4	AN365-632		. NUT	4	A
	---*---				
-5	AN565D8H4		. . SCREW	2	A
-6	170-74072		. . STUD, AN/APG30 radar target indicator lamp dimmer	1	A
-7	170-74073		. . CAP, AN/APG30 radar target indicator lamp dimmer	1	A
-8	172-74029		. . POD ASSY, AN/APG30 radar target indicator lamp	1	A
-9	172-74030-3		. . LAMP, AN/APG30 radar target indicating (altered from GFAE ID270/APG30 lamp AERNO 52-4606)	1	A
-10	172-74052-10		. SHAFT ASSY, Gun bomb rocket sight dimmer control	1	
-11	170-74066		. COUPLING ASSY, Gun bomb rocket sight dimmer control	1	
-12	AN565D6H3		. . SCREW	1	
-13	170-74064		. . COLLET ASSY, Gun bomb rocket sight dimmer control	1	
-14	AN565D6H3		. . SCREW	2	
-15	170-74064		. COLLET ASSY, Gun bomb rocket sight dimmer control	1	B
-16	191-74009		. COLLET ASSY, Gun bomb rocket sight dimmer control	1	C
-17	AN565D6H3		. . SCREW	2	
-18	191-74008		. STOP ASSY, Gun bomb rocket sight dimmer control	1	C
-19	170-74065		. SPRING, Compression	1	
-20	170-74076		. BEARING, Gun bomb rocket sight dimmer control	1	
-21	AN515-8R10		. SCREW	2	
-22	AN365-832		. NUT	2	
-23	AN960D8		. WASHER	2	
-24	No Number		. KNOB, (furnished with 665087 and 667498 dimmer control)(GFAE)	1	
-25	172-74024		. FAIRLEAD, A1CM gunsight dimmer control shaft	1	A,E
	172-74057		. FAIRLEAD, A4 GBR sight dimmer control shaft	1	F
-26	AN3220-1	*2	. KNOB	1	
-27	AN960D616	*2	. WASHER	1	
-28	JA7531FS3056-3	*2	. POTENTIOMETER, (Allen-Bradley) (intrch wth 29860 type J or 7766985-36 type J Allen-Bradley, or M9801 Chicago Telephone)	1	
-28A	JA7531FS3056-3	*3	. POTENTIOMETER, (Allen-Bradley) (intrch wth 29860 type J or 7766985-36 type J Allen-Bradley, or M9801 Chicago Telephone)	1	
	AN3220-1	*3	. KNOB	1	
	AN960D616	*3	. WASHER	1	
-28B	170-74068	*3	. NAMEPLATE, AN/APG30 radar potentiometer control	1	
	59B76773	*3	. CLIP, AN/APG30 radar potentiometer control	1	
-29	191-74063		. COVER ASSY, A4 GBR sight bomb control box	1	
-30	191-74062	*1	. CONTROL ASSY, A4 GBR sight manual bomb rocket pip	1	D
	ATTACHING PARTS				
-31	AN515B8R8		. SCREW	4	G
-32	2W17-8M		. WASHER	4	G
-33	AN365B832		. NUT	1	G
-34	AN515B8R10		. SCREW	1	G
	---*---				
-35	W3365		. . TRANSFORMER, (Wheeler)(intrch wth wheeler W3365-1)	1	D
-36	TA710-4		. . CLAMP, (Thomas Associates)	1	D
-37	L9058		. . POTENTIOMETER, (Chicago Telephone)	1	D
-38	3505		. . PLUG, (Schott)	1	D
-39	H8979		. . POTENTIOMETER, (Chicago Telephone) (intrch wth Chicago Telephone S2222) or (type RA20A2SD103AK) (GFAE JAN-R19)	1	D
-40	AN3027-3		. . SWITCH	1	D
-41	191-74042-21		. . PLATE ASSY, A4 GBR sight manual pip control	1	D
-42	191-74030-10		. . SCALE ASSY, A4 GBR sight manual pip control	1	D
	191-74030-7		. . . PIN, A4 GBR sight manual pip control scale assembly	1	D
-43	191-74064		. . KNOB ASSY, A4 GBR sight manual pip control	1	D
	191-74064-5		. . . POINTER, A4 GBR sight manual pip control knob	1	D
-44	191-74044		. . BOX ASSY, A4 GBR sight bomb control mounting	1	D
-45	AN507-832R7		. . SCREW	4	D
-46	665087		DIMMER CONTROL, (see figure 330)	Ref	
	667498		DIMMER CONTROL, (see figure 330)	Ref	
-47	172-31823		SHROUD ASSY, Cockpit enclosure inst panel complete (see fig. 105)	Ref	

*1 Refer to T. O. 1F-86F-34.
*2 Not used on airplanes modified per T.O. 1F-86F-535.
*3 Used on airplanes modified per T.O. 1F-86F-535.

USEABLE ON CODE:

A 51-2850 thru 51-2943
B 51-2850 thru 51-13283, 52-4305 thru 52-4454
C 51-13284 thru 51-13510, 52-4455 and subs
D 51-13170 and subs
E 51-13070 thru 51-13081
F 51-12936 thru 51-13069, 51-13082 and subs
G 51-13170 thru 51-13510, 52-4305 thru 52-5163, 52-5272 thru 52-5530

FUSELAGE RADAR (Cont)



176-74-2C

FIGURE 330 - A1CM AND A4 GUNSIGHT AND AN/APG30 RADAR EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
330	170-74031	RADAR EQUIPMENT INSTL, A1CM gunsight and AN/APG30 . . . . . (see figure 108 for next assembly)	NP	A
	172-74031	RADAR EQUIPMENT INSTL, A4 gunsight and AN/APG30 . . . . . (see figure 108 for next assembly)	NP	B
-1	No Number	. A1CM AND A4 GUNSIGHT COMPUTER EQUIPMENT, (see figure 331 . . for breakdown)	NP	
-2	No Number	. RADAR WAVE GUIDE EQUIP., (see figure 332 for breakdown) . .	NP	
-3	No Number	. RADAR SIGHT CONTROLS, (see figure 329 for breakdown)	NP	
	No Number	. A1CM AND A4 GUNSIGHT AND AN/APG30 ELECTRICAL . . . . . CONNECTORS, (see figure 333 for breakdown)	NP	
-4	665087	. DIMMER CONTROL, (Sperry) (GFAE) (component of AERNO 52-5262)	1	A
	667498	. DIMMER CONTROL, (Sperry) (GFAE) (component of AERNO 52-5263)	1	B

FUSELAGE RADAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
330	172-74022	.	CLAMP, A1CM gunsight dimmer forward	1	A
	172-74023	.	CLAMP, A1CM gunsight dimmer aft	1	A
	172-74045	.	SUPPORT ASSY, A4 GBR sight dimmer control	1	B
-5	RT181/APG30	.	TRANSMITTER, Frequency converter (T7602420 General Electric) (AERNO 52-4601) (GFAE)	1	G,J
	RT322/APG30A	.	TRANSMITTER, Frequency converter (AERNO 52-4607)	1	H
	RT322/APG30	.	TRANSMITTER, Frequency converter (GFAE)	1	H
-6	MT709/APG30	.	MOUNT, (P7703105 General Electric) (AERNO 52-4614) (GFAE)	1	
-7	170-74085	.	CHANNEL ASSY, AN/APG30 radar transmitter support	1	C
	170-74085-100	.	CHANNEL ASSY, AN/APG30 radar transmitter support	1	D
-8	AN4-13A	.	BOLT	2	
	AN4-6A	.	BOLT	2	
-9	AN960C416L	.	WASHER	4	
-10	AN515-8R10	.	SCREW	4	
-11	AN365-832	.	NUT	4	
-12	172-74021-1	.	PLATE ASSY, AN/APG30 radar transmitter fus sta 53 1/2 sup (LH)	1	
	172-74021-13	.	PLATE ASSY, AN/APG30 radar transmitter fus sta 53 1/2 sup (RH)	1	
-13	PP493/APG30	.	POWER SUPPLY RANGE COMPUTER, (P7703107 General Electric). (AERNO 52-4604) (GFAE)	1	J
	PP493A/APG30	.	POWER SUPPLY, Range computer (AERNO 52-4604) (intrch wth PP493B/APG30)	1	H
-14	MT739/U	.	MOUNT, (P7703380 General Electric) (AERNO 52-4611) (GFAE)	1	
-15	AN515-8R10	.	SCREW	16	
-16	170-74032	.	SUPPORT ASSY, AN/APG30 radar range power outboard	1	
-17	170-74029	.	SUPPORT ASSY, AN/APG30 radar range power inboard	1	
-18	654931	.	AMPLIFIER, (Sperry) (GFAE) (component of AERNO 52-5263)	1	A
	667502	.	AMPLIFIER, (Sperry) (GFAE) (component of AERNO 52-5263)	1	B
	AN8013D1	.	WASHER	4	
-19	102527	.	RADAR RANGE SERVO, Gun bomb rocket sight type A11 (Servomechanisms type RS105)	1	A
	104451	.	RADAR RANGE SERVO, Gun bomb rocket sight (Servomechanisms type RS311) (AERNO 52-4231) (GFAE)	1	K
	104451	.	RADAR RANGE SERVO, Gun bomb rocket sight (Servomechanisms type RS311) (AERNO 52-4231)	1	L
	101735	. .	MECHANISM ASSY, (Servomechanisms type ME104)	1	A
	101718	. .	MODULATOR, Range servo gun bomb rocket sight type A1 (Servomechanism type MA102)	1	A
	101732	. .	ADAPTER, Range servo radar set AN/APG30 type A3 (Servomechanisms type AD103)	1	A
	101723	. .	POWER SUPPLY, (Servomechanisms type PS108) (remove active fuse and fuse cap and use with 170-74048 and replace with 170-74052)	1	A
	101741	. .	AMPLIFIER ASSY, (Servomechanisms type SA104H)	1	A
-20	170-74039	.	TUBE ASSY, Radar range servo diagonal outboard	1	
	170-74040	.	TUBE ASSY, Radar range servo diagonal inboard	1	
-21	170-74052	.	JACK ASSY, Radar range servo fuse (altered from Bussman HKP) (replaces active fuse and cap furnished with 101723)	1	
-22	CN112/APG30	.	VOLTAGE REGULATOR, (P7703146 General Electric) (AERNO 52-4602) (GFAE)	1	
	MT708/APG30	.	MOUNTING, (P7703000 General Electric) (AERNO 52-4603) (GFAE).	1	
	144-54071-10	.	COVER ASSY, Electrical connector plug	1	
	AN515-8R10	.	SCREW	8	
-23	AN3312-1	.	RELAY, 10 amp 3 PDT hermetically sealed	1	B
	AN515-8R8	.	SCREW	4	B
-24	AN515-6R7	.	SCREW	4	
-25	170-74014	.	PANEL ASSY, Gun bomb rocket gunsight fuse	1	
-26	HKP	. .	HOLDER ASSY, Fuse (Bussman)	2	
	MTH5	. .	FUSE, 5 amp (Bussman)	2	
-27	HKP	. .	HOLDER ASSEMBLY, Fuse (Bussman)	3	
	AGC2	. .	FUSE, 2 amp (Bussman)	3	
-28	HKP	. .	HOLDER ASSY, Fuse (Bussman)	2	
	AGC1-2	. .	FUSE, 1/2 amp (Bussman)	2	
-29	HKP	. .	HOLDER ASSY, Fuse (Bussman)	2	
	AGC1-8	. .	FUSE, 1/8 amp (Bussman)	2	
-30	170-74014-3	. .	PANEL, Gun bomb rocket gunsight fuse	1	
-31	170-74053	.	PANEL ASSY, Gun bomb rocket sight computer field test plug	1	A
	170-74053-10	.	PANEL ASSY, Gun bomb rocket sight computer field test plug	1	E
-32	170-74053-10	.	PANEL ASSY, Gun bomb rocket sight computer field test plug	1	F
	PC3 1/2	. .	CUP, (Dzus)	4	
	PS3 1/2	. .	SPRING, (Dzus)	4	
	PF3 1/2 -38	. .	FASTENER, (Dzus)	4	
	AN3100-28-16S	.	PLUG, (test plug RH console)	1	A
	AN3100-24-28S	.	PLUG, (test plug RH console)	1	B
	AN3057-16A	.	ADAPTER	1	B
-33	172-74051	.	SUPPORT ASSY, GBR sight dimmer flexible shaft	1	
-34	151-74081	.	BOX ASSY, Rdr & gunsight voltage chk jct (see fig. 341 for bkdn)	1	
	151-74083	.	PANEL ASSY, Rdr & gunsight voltage test (see fig. 341 for bkdn)	1	
	172-74002	.	WIRING DIAGRAM, A4GBR sight & AN/APG30 radar.	1	
-35	No Number		CONVERTER, Static type E1 (Spec 32617) (see figure 335).	Ref	

USEABLE ON CODE:
A 51-2850 thru 51-2943
B 51-12936 and subs
C 51-2850 thru 51-2927, 51-13070 thru 51-13079
D 51-2928 thru 51-12976, 51-13080 and subs
E 51-12936 thru 51-12976
F 51-13070 and subs
G 51-2850 thru 51-2943,
H 55-3816 and subs
J 51-13070 thru 53-1228
K 51-12936 thru 55-3830
L 55-3831 and subs

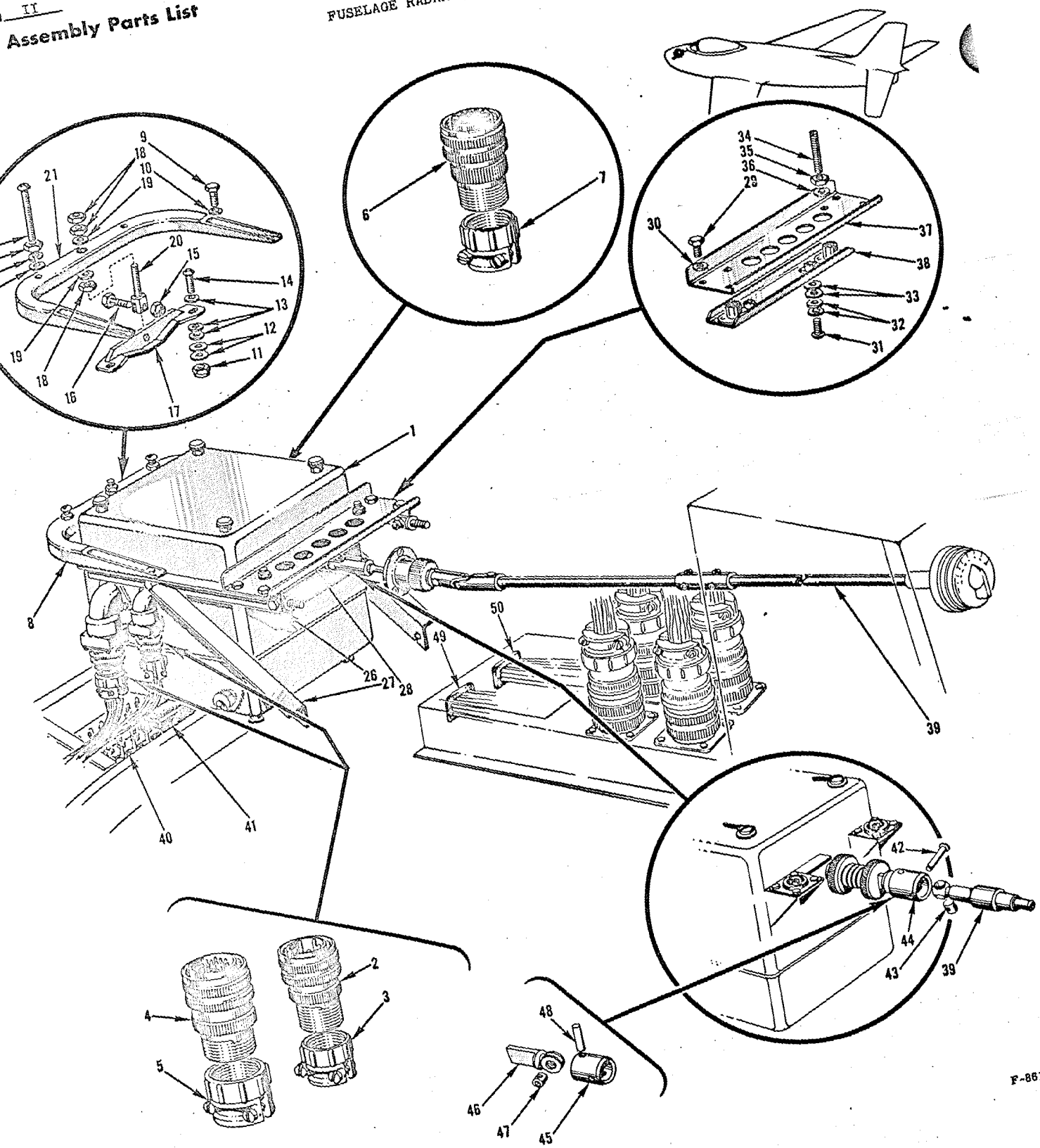


FIGURE 331 - AICM AND A4 GUNSIGHT COMPUTER EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
331	No Number		A1CM GUNSIGHT COMPUTER EQUIP., (see fig. 330 for next assy)	NP	A
-1	170-74017-10		COMPUTER ASSY, A1CM gunsight (altered from (GFAE) 654086) (Sperry) (component of AERNO 52-5262)	1	A
	102P377-8		. MOUNT, Shock 8 lb (Lord)	4	A
-2	AN3106B14S5P		PLUG, (Computer)	1	A
-3	AN3057-6A		ADAPTER	1	A
-4	AN3106B28-16P		PLUG, (Computer)	1	A
-5	AN3057-12A		ADAPTER	1	A
-6	AN3106B22-19S		PLUG, (Computer)	1	A
-7	AN3057-16A		ADAPTER	1	A
-8	157-74010		LEVELING ASSY, Gunsight computer forward	1	A
	ATTACHING PARTS				
-9	AN3-4A		BOLT	4	A
-10	AN960-10L		WASHER	4	A
-11	AN365-832		NUT	2	A
-12	AN8013D1		WASHER	4	A
-13	AN960D8		WASHER	4	A
-14	AN515-8R16		SCREW	2	A
	---*---				
-15	AN365-1032		. NUT	1	A
-16	AN3-6A		. BOLT	1	A
-17	157-74017		. BEAM, Gunsight computer leveling	1	A
-18	AN316-4R		. NUT	3	A
-19	AN960-416L		. WASHER	2	A
-20	157-74018		. FORK, Gunsight computer leveling	1	A
-21	157-74013		. BRACKET ASSY, Gunsight computer mounting	1	A
-22	AN526-1032R32		. SCREW	2	A
-23	AN315-3		. NUT	2	A
-24	AN936A10		. WASHER	2	A
-25	AN960D10		. WASHER	2	A
-26	157-74024-1		SUPPORT ASSY, Gun bomb rocket sight computer hor LH	1	A
	157-74024-2		SUPPORT ASSY, Gun bomb rocket sight computer hor RH	1	A
-27	170-74026-1		BRACE, Gun bomb rocket sight computer diagonal LH	1	A
	170-74026-2		BRACE, Gun bomb rocket sight computer diagonal RH	1	A
-28	157-74011		LEVELING ASSY, Gunsight computer aft	1	A
	ATTACHING PARTS				
-29	AN3-4A		BOLT	4	A
-30	AN960-10L		WASHER	4	A
-31	AN515-8R16		SCREW	2	A
-32	AN960D8		WASHER	4	A
-33	AN8013D1		WASHER	4	A
	---*---				
-34	157-74020		. STUD, Gunsight computer leveling	2	A
-35	AN316-4R		. NUT	2	A
-36	AN960-416L		. WASHER	2	A
-37	157-74012		. PLATE ASSY, Gunsight computer mounting	1	A
-38	157-74019		. CHANNEL ASSY, Gunsight computer mounting	1	A
-39	172-74042		CONTROL ASSY, Gun bomb rocket sight computer wind scale (see fig. 314 for breakdown and attaching parts)	1	A
	151-74053		PANEL ASSY, Radar nose terminal	2	A
-40	AN3436-6-13		. TERMINAL BLOCK ASSY	3	A
-41	397-13		COVER, (Henry Engineering) (use 170-74069 until exh)	6	A
-42	172-74040		PIN, Gun bomb rocket sight computer control shaft	1	A
-43	176-74047		TRUNNION, Gun bomb rocket sight control shaft	1	A
-44	172-74041		UNIVERSAL ASSY, Gun bomb rocket sight computer control	1	A
-45	176-74045		. SLEEVE, Gun bomb rocket sight computer control shaft	1	A
-46	176-74046		. HUB, Gun bomb rocket sight computer control shaft	1	A
-47	176-74047		. TRUNNION, Gun bomb rocket sight control shaft	1	A
-48	176-74048		. PIN, Gun bomb rocket sight control shaft	1	A
-49	282-5 5/8		. EXTRUSION, Rubber (Rubbercraft or equivalent)	1	A
-50	282-6 1/2		. EXTRUSION, Rubber (Rubbercraft or equivalent)	1	A

USEABLE ON CODE: A 51-2850 thru 51-2943

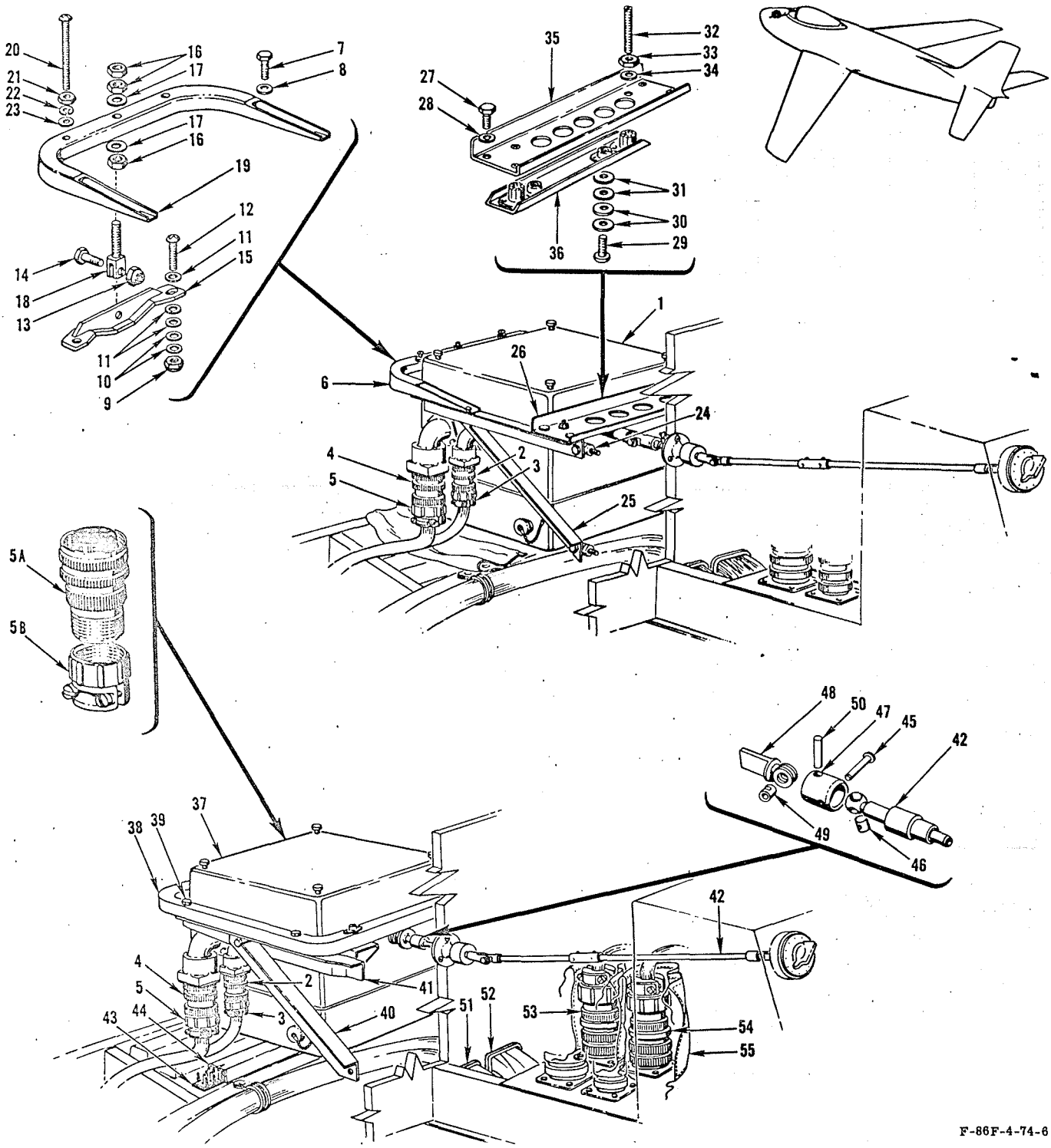


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FIGURE 331A - A4 GUNSIGHT COMPUTER EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
331A	No Number	A4	Gunsight computer equip., (see fig. 330 for next assy)	NP	A
-1	667494	*1 .	COMPUTER, (Sperry) (component of AERNO 52-63) (GFAE)	1	A
-2	AN3106B14S5P	.	PLUG, (Computer)	1	A
-3	AN3057-6A	.	ADAPTER	1	A
-4	AN3106B24-28S	.	PLUG, (Computer)	1	A

FUSELAGE RADAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
331A-5	AN3057-16A		.							ADAPTER	1	A
-5A	AN3106B22-19S		.							PLUG, (Computer)	1	A
-5B	AN3057-16A		.							ADAPTER	1	A
-6	157-74010	*1	.							LEVELING ASSY, Gunsight computer fwd	1	A
	ATTACHING PARTS											
-7	AN3-4A		.							BOLT	4	A
-8	AN960-10L		.							WASHER	4	A
-9	AN365-832		.							NUT	2	A
-10	AN8013D1		.							WASHER	4	A
-11	AN960D8		.							WASHER	6	A
-12	AN515-8R16		.							SCREW	2	A
	---*---											
-13	AN365-1032		.	.						NUT	1	A
-14	AN3-6A		.	.						BOLT	1	A
-15	157-74017		.	.						BEAM, Gunsight computer leveling	1	A
-16	AN316-4R		.	.						NUT	3	A
-17	AN960-416L		.	.						WASHER	2	A
-18	157-74018		.	.						FORK, Gunsight Computer leveling	1	A
-19	157-74013		.	.						BRACKET ASSY, Gunsight computer mounting	1	A
-20	AN526-1032R32		.	.						SCREW	2	A
-21	AN315-3		.	.						NUT	2	A
-22	AN936A10		.	.						WASHER	2	A
-23	AN960D10		.	.						WASHER	2	A
-24	157-74024-1	*1	.							SUPPORT ASSY, Gun bomb rocket sight computer horizontal LH	1	A
	157-74024-2	*1	.							SUPPORT ASSY, Gun bomb rocket sight computer horizontal RH	1	A
-25	170-74026-1	*1	.							BRACE, Gun bomb rocket sight computer diagonal LH	1	A
	170-74026-2	*1	.							BRACE, Gun bomb rocket sight computer diagonal RH	1	A
-26	157-74011	*1	.							LEVELING ASSY, Gunsight computer aft	1	A
	ATTACHING PARTS											
-27	AN3-4A		.							BOLT	4	A
-28	AN960-10L		.							WASHER	4	A
-29	AN515-8R16		.							SCREW	2	A
-30	AN960D8		.							WASHER	4	A
-31	AN8013D1		.							WASHER	4	A
	---*---											
-32	157-74020		.	.						STUD, Gunsight computer leveling	2	A
-33	AN316-4R		.	.						NUT	2	A
-34	AN960-416L		.	.						WASHER	2	A
-35	157-74012		.	.						PLATE ASSY, Gunsight computer mounting	1	A
-36	157-74019		.	.						CHANNEL ASSY, Gunsight computer mounting	1	A
-37	187-74066	*2	.							COMPUTER ASSY, A4 gunsight (altered from (GFAE) 667494) (Sperry) (component of AERNO 52-5263)	1	A
	K1401		.	.						MOUNT, Shock (Robinson)	4	A
-38	187-74065	*2	.							RING ASSY, A4 GBR sight mounting	1	A
-39	AN4-13A		.							BOLT	4	A
	2W17-416M		.							WASHER, Corrosive resistant steel (North American)	4	A
-40	191-74027-1	*2	.							BRACE, A4 GBR sight computer diagonal LH	1	A
	191-74027-2	*2	.							BRACE, A4 GBR sight computer diagonal RH	1	A
-41	191-74028-1	*2	.							SUPPORT ASSY, A4 GBR sight computer mounting LH	1	A
	191-74028-2	*2	.							SUPPORT ASSY, A4 GBR sight computer mounting RH	1	A
-42	172-74042		.							CONTROL ASSY, GBR sight computer wind scale (see fig. 314 for breakdown and attaching parts)	1	A
	151-74053		.							PANEL ASSY, Radar nose terminal	2	A
-43	AN3436-6-13		.	.						TERMINAL BLOCK ASSY	3	A
-44	397-13		.							COVER, (Henry Engineering) (use 170-74069 until exh)	6	A
-45	172-74040		.							PIN, Gun bomb rocket sight computer control shaft	1	A
-46	176-74047		.							TRUNNION, Gun bomb rocket sight control shaft	1	A
	172-74041		.							UNIVERSAL ASSY, Gun bomb rocket sight computer control	1	A
-47	176-74045		.	.						SLEEVE, Gun bomb rocket sight computer control shaft	1	A
-48	176-74046		.	.						HUB, GBR sight computer control shaft	1	A
-49	176-74047		.	.						TRUNNION, Gun bomb rocket sight control shaft	1	A
-50	176-74048		.	.						PIN, GBR sight control shaft	1	A
-51	282-5 5/8		.							EXTRUSION, Rubber (Rubbercraft or equivalent)	1	A
-52	282-6 1/2		.							EXTRUSION, Rubber (Rubbercraft or equivalent)	1	A
-53	AN3106M28-12S		.							PLUG, (pressure disconnect)	1	B
	AN3100C28-12P		.							RECEPTACLE, (pressure disconnect)	1	B
	AN3106M28-21S		.							PLUG, (pressure disconnect)	1	C
	AN3100C28-21P		.							RECEPTACLE, (pressure disconnect	1	C,D
	54A3A224-28-21S		.							PLUG, (pressure disconnect)	1	D
	AN3057-16A		.							ADAPTER	1	A
-54	AN3106M28-12S		.							PLUG, (pressure disconnect)	1	B,C
	54A3A224-28-12S		.							PLUG, (pressure disconnect)	1	D
	AN3100C28-12P		.							RECEPTACLE, (pressure disconnect)	1	A
	AN3057-16A		.							ADAPTER	1	A
-55	144-54071		.							COVER ASSY, Electric connector plug	2	B,C

*1 Whn exh use 187-74066 together with 191-74027, 191-74028 and 187-74065 and their attaching parts.

*2 Use 667494 together with 170-74026, 157-74024, 157-74010 and 157-74011 and their attaching parts until exh.

USEABLE ON CODE: A 51-12936 and subs; B 51-12936 thru 52-5163, C 52-5164 thru 52-5271, 52-5272 thru 52-5530, D 55-3816 and subs, 53-1072 thru 53-1228

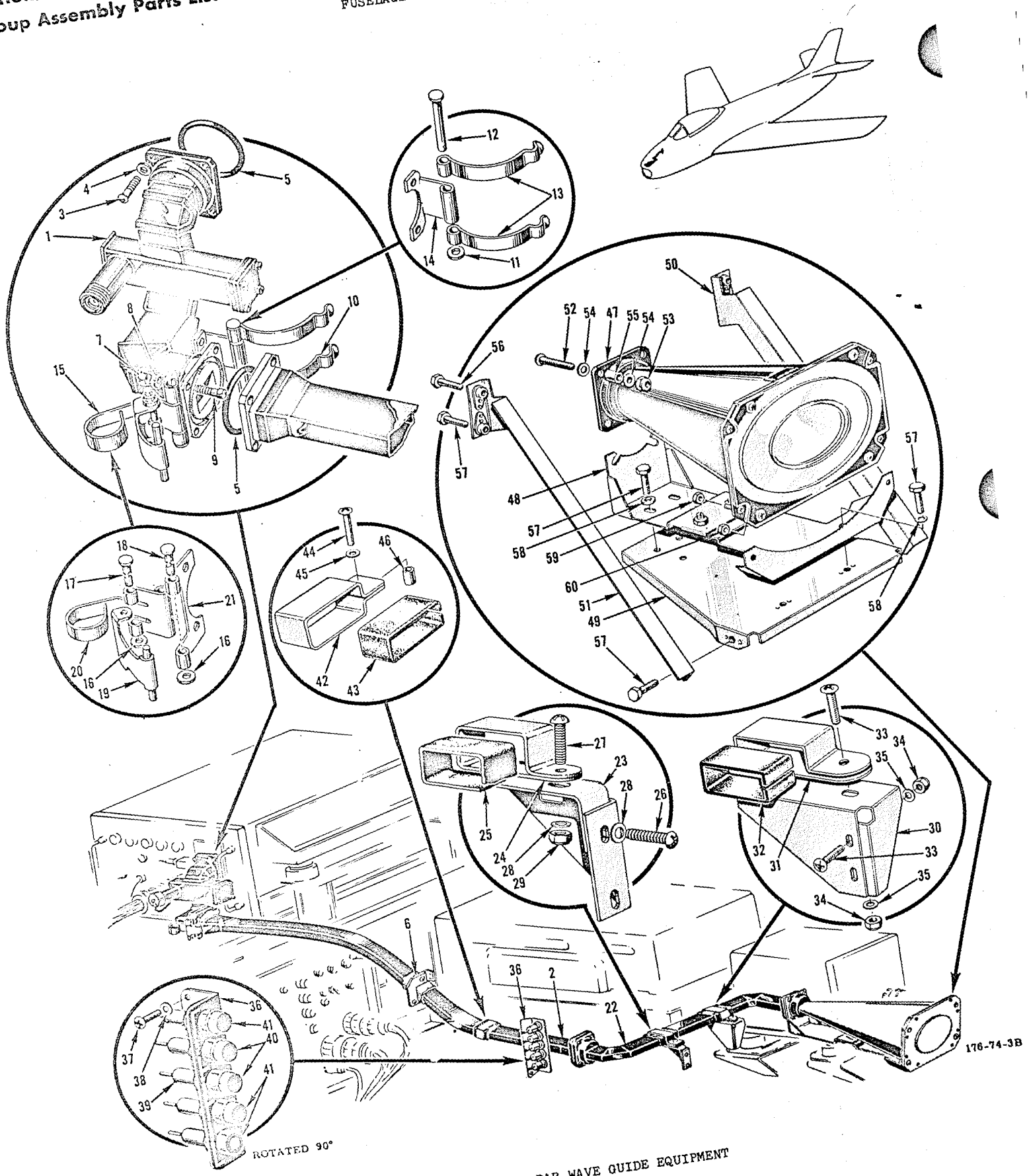


FIGURE 332 - RADAR WAVE GUIDE EQUIPMENT

FUSELAGE RADAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
332	No Number	RADAR WAVE GUIDE EQUIPMENT, (see fig. 330 for next assy)	NP	
-1	LC19287	. COUPLER, Directional (Airtron) (intrch wth 19287)	1	C
-2	CG801/U(2-0)	. WAVE GUIDE, Flexible (Airtron)(intrch wth Airtron CG799/U (2-0)	1	C
	227-974001	. WAVEGUIDE, AN/APG30A radar rigid	1	D
-3	AN515-8R7	. SCREW	4	C
-4	AN936A8	. WASHER	4	C
-5	LA17491	. GASKET, (Airtron)	3	
-6	170-74047	. FAIRLEAD, AN/APG30 radar flexible wave guide	1	A
	AN515-8R7	. SCREW	1	A
	AN515-8R8	. SCREW	2	A
	AN365-832	. NUT	1	
-7	170-74084	. NUT, AN/APG30 radar wave guide disconnect	4	C
-8	AN935-8L	. WASHER	4	C
-9	170-74060	. STUD, AN/APG30 radar wave guide disconnect	4	C
-10	170-74062	. HINGE ASSY, AN/APG30 radar wave guide disconnect	1	C
-11	AN960-4L	. . WASHER	1	
-12	AN392-55	. . PIN	1	
-13	170-74059	. . SPRING, AN/APG30 radar wave guide disconnect	2	
-14	170-74058	. . HINGE, AN/APG30 radar wave guide disconnect	1	
-15	170-74081	. LATCH ASSY, AN/APG30 radar wave guide disconnect	1	C
-16	AN960-4L	. . WASHER	2	
-17	AN392-31	. . PIN	1	
-18	AN392-55	. . PIN	1	
-19	170-74082	. . HOOK ASSY, AN/APG30 radar wave guide disconnect	1	
-20	170-74083	. . LATCH, AN/APG30 radar wave guide disconnect	1	
-21	170-74056	. . BRACKET, AN/APG30 radar wave guide disconnect snap ring	1	
-22	19288	. WAVE GUIDE, Rigid (Airtron) (intrch wth (Airtron) LC19288)	1	
-23	170-74045	. BRACKET, AN/APG30 radar rigid wave guide sup. fus sta 15	1	
-24	170-74020	. CLAMP, AN/APG30 radar rigid wave guide	1	
-25	170-74019	. INSULATOR, AN/APG30 radar wave guide clamp	1	
-26	AN515-8R8	. SCREW	2	
-27	AN515-8R7	. SCREW	1	
-28	AN960D8	. WASHER	3	
-29	AN365-832	. NUT	1	
-30	172-74048	. BRACKET, AN/APG30 radar wave guide clamp	1	*1
-31	170-74020	. CLAMP, AN/APG30 radar rigid wave guide	1	*1
-32	170-74019	. INSULATOR, AN/APG30 radar wave guide clamp	1	*1
-33	AN515-8R7	. SCREW	3	*1
-34	AN365-832	. NUT	3	*1
-35	AN960D8	. WASHER	3	*1
-36	172-74049	. PANEL ASSY, Radar compartment fuse and circuit breaker.	1	B
	172-74049-11	. PANEL ASSY, Radar compartment fuse and circuit breaker.	1	E
	ATTACHING PARTS			
-37	AN515-8R7	. SCREW	2	B
-38	AN960D8	. WASHER	2	B
	---*---			
-39	HKP	. . FUSE HOLDER, (Bussman)	5	B
	HKP	. . FUSE, (5 amp) (Bussman)	4	E
-40	AGC5	. . FUSE, (5 amp) (Bussman)	2	B
-41	AGC2	. . FUSE, (2 amp) (Bussman)	2	B
-42	161-74109	. CLAMP, AN/APG30 radar flexible wave guide	1	B
-43	170-74019	. INSULATOR, AN/APG30 radar wave guide clamp.	1	B
-44	AN509-8R16	. SCREW	1	B
-45	AN8013D1	. WASHER	1	B
-46	NAS43DD3-16	. SPACER	1	B
-47	AT223/APG30	. ANTENNA, (P7703075 General Electric) (AERNO 52-4609) (GFAE)	1	
-48	170-74049	. MOUNT ASSY, AB171/APG30 radar antenna (altered from GFAE AB171/APG30)	1	
-49	170-74023	. SUPPORT ASSY, Radar antenna fuselage station 6	1	
-50	170-74021-1	. SUPPORT ASSY, Radar antenna fuselage sta 6 to sta 15 (LH)	1	
-51	170-74021-2	. SUPPORT ASSY, Radar antenna fuselage sta 6 to sta 15 (RH)	1	
-52	AN515-8R16	. SCREW, (top)	2	
	AN515-8R18	. SCREW, (bottom)	2	
-53	AN365-832	. NUT	4	
-54	2W1-11-10-40	. WASHER, Plain (North American).	8	
-55	4S3D8-10	. SPACER, Bolt (North American)	4	
-56	AN3-6A	. BOLT.	2	
-57	AN3-4A	. BOLT.	8	
-58	AN960-10L	. WASHER	4	
-59	22NM82	. NUT, Self locking (Elastic) (replaces GFAE nut and washer furnished with AT223/APG30 antenna)	2	
-60	22NM40	. NUT, Self locking (Elastic) (replaces GFAE nut and washer furnished with AT223/APG30 antenna)	2	

*1 Reworked per T. O. 1F-86-131.

USEABLE ON CODE: A 51-2850 thru 51-2927 and 51-13070 thru 51-13079
B 51-2928 thru 51-12976 and 51-13080 thru 55-3975
C 51-13070 thru 53-1228
D 55-3816 and subs
E 55-3976 and subs

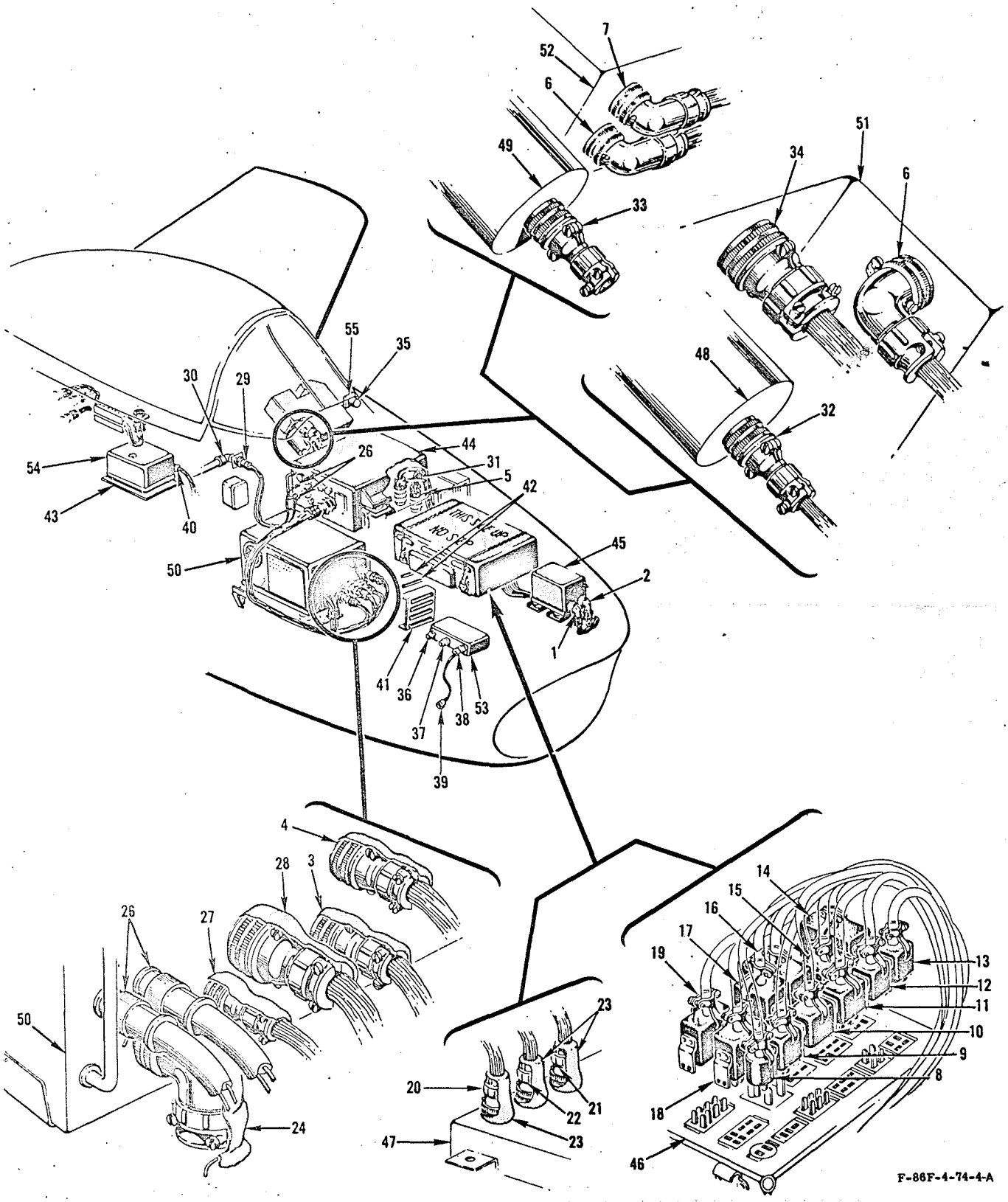


FIGURE 333 - A1CM AND A4 GUNSIGHT AND AN/APG30 ELECTRICAL CONNECTORS

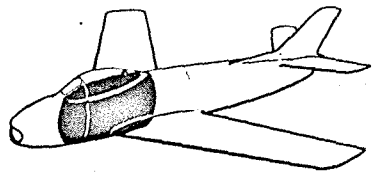
FUSELAGE RADAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
333	No Number	A1CM and A4 GUNSIGHT AND AN/APG30 ELECTRICAL CONNECTORS . . . . . (see fig. 330 for next assy)	NP	
-1	AN3108B20-15S	. PLUG, (voltage regulator)	1	
-2	AN3108B20-18P	. PLUG, (voltage regulator)	1	
-3	AN3106B20-27P	. PLUG, (range power)	1	
-4	AN3106B20-18S	. PLUG, (range power)	1	
	144-54071-10	. COVER ASSY, Electrical connector plug (range power plugs only)	2	
-5	AN3106B22-19S	. PLUG, (range servo)	1	
	172-74037	. COVER ASSY, Electrical connector plug (range servo only) . . .	1	
-6	AN3108B22-14S	. PLUG, (sighting head)	1	
	AN3057-12A	. ADAPTER	6	
-7	AN3108B22-14SW	. PLUG, (sighting head)	1	B
	AN3057-12A	. ADAPTER	1	B
-8	P302CCT-L	. PLUG, (amplifier) (Jones, Howard B.)	1	A
-9	P303CCT-G	. PLUG, (amplifier) (Jones, Howard B.)	1	A
-10	S306CCT-L	. SOCKET, (amplifier) (Jones, Howard B.)	1	A
-11	P306CCT-L	. PLUG, (amplifier) (Jones, Howard B.)	1	A
-12	S304CCT-L	. SOCKET, (amplifier) (Jones, Howard B.)	1	A
-13	P304CCT-L	. PLUG, (amplifier) (Jones, Howard B.)	1	A
-14	P318CCT	. PLUG, (Amplifier) (Jones, Howard B.)	1	A
-15	P312CCT-L	. PLUG, (amplifier) (Jones, Howard B.)	1	A
-16	P315CCT	. PLUG, (amplifier) (Jones, Howard B.)	1	A
-17	S404CCT	. SOCKET, (amplifier) (Jones, Howard B.)	1	A
-18	P308CCT-L	. PLUG, (amplifier) (Jones, Howard B.)	1	A
-19	S308CCT-L	. SOCKET, (amplifier) (Jones, Howard B.)	1	A
-20	AN3106B36-8S	. PLUG, (amplifier)	1	B
-21	AN3106B36-8P	. PLUG, (amplifier)	1	B
	AN3057-24A	. ADAPTER	2	B
-22	AN3106B24-28P	. PLUG, (amplifier)	1	B
	AN3057-16A	. ADAPTER	1	B
-23	144-54071	. COVER ASSY, Electrical connector plug	3	B
-24	AN3108B32-13P	. PLUG, (range power)	1	
-25	AN3106B32-13S	. PLUG, (transmitter)	1	
	AN3057-20A	. ADAPTER	2	
	144-54071	. COVER ASSY, Electrical connector plug (transmitter & range pwr)	2	
-26	170-74013	. CABLE ASSY, AN/APG30 range power to transmitter	2	
	UG260A/U	. . PLUG, (American Phenolic)	2	
	170-74013-3	. . CABLE, AN/APG30 range power to transmitter (altered from RG71/U cable) (62 3/4 inches)	2	
-27	AN3106B14S2P	. PLUG, (range power)	1	
	144-54071-10	. COVER ASSY, Electrical connector plug (range power only) . . .	1	
	AN3057-6A	. ADAPTER	1	
-28	AN3106B28-17P	. PLUG, (range power)	1	
	144-54071	. COVER ASSY, Electrical connector plug (range power only) . . .	1	
-29	AN3100C24-28P	. RECEPTACLE, (amplifier)	1	
-30	AN3108B24-28S	. PLUG, (amplifier)	1	
	463-24	. GASKET, Pressure plug (North American) (used with amplifier plug)	1	
-31	AN3106B24-28S	. PLUG, (range servo)	1	
	172-74037	COVER ASSY, Electrical connector plug (range servo only) . . .	1	
	AN3057-16A	. ADAPTER	4	
-32	AN3106B14S2S	. PLUG, (dimmer control)	1	A
	AN3057-6A	. ADAPTER	1	A
-33	AN3106B10SL4S	. PLUG, (dimmer control)	1	B
	AN3057-4A	. ADAPTER	1	B
-34	AN3106B28-16S	. PLUG, (sighting head)	1	A
	AN3057-16A	. ADAPTER	1	A
-35	AN3106M18-12S	. PLUG, (LABS dive and roll indicator)	1	C,D
-36	AN3106M18-12P	. PLUG, (LABS relay box)	1	C,D
-37	AN3106M20-27S	. PLUG, (LABS relay box)	1	C,D
-38	AN3106M22-14P	. PLUG, (LABS relay box)	1	C,D
-39	AN3106M22-14S	. PLUG, (LABS gyro)	1	C,E
-40	AN3106M22-14S	. PLUG, (LABS gyro)	1	F,*1
	202-74015	. SUPPORT ASSY, Gunsight sta 71.75 low alt bomb sys terminal strip	1	F,*1
-41	AN3436-2-12	. . TERMINAL BLOCK ASSEMBLY	4	F,*1
	397-12	. COVER, (Henry Engineering)	4	F,*1
-42	AN3436-2-7	. TERMINAL BLOCK ASSEMBLY, (LABS)	2	C,E
	397-7	. COVER, (Henry Engineering)	2	C,E
-43	202-74014	. LEVELING ASSY, Gunsight low altitude bomb gyro	1	F,*1
-44	RT181/APG30	TRANSMITTER, Frequency converter (see figure 330)	Ref	
	RT322/APG30A	TRANSMITTER, Frequency converter (see figure 330)	Ref	
-45	CN122/APG30	VOLTAGE REGULATOR, (see figure 330)	Ref	
-46	654931	AMPLIFIER, (see figure 330)	Ref	
-47	667502	AMPLIFIER, (see figure 330)	Ref	
-48	665087	DIMMER CONTROL, (see figure 330)	Ref	
-49	667498	DIMMER CONTROL, (see figure 330)	Ref	
-50	PP493/APG30	POWER SUPPLY RANGE COMPUTER, (see figure 330)	Ref	
	PP493A/APG30	POWER SUPPLY RANGE COMPUTER, (see figure 330)	Ref	
-51	No Number	HEAD, A1CM gun bomb rocket sight (see figure 343)	Ref	
-52	No Number	HEAD, A4 gun bomb rocket sight (see figure 344)	Ref	
-53	No Number	RELAY BOX ASSY, (low altitude bomb system) (see figure 475) . . .	Ref	
-54	No Number	GYRO, (low altitude bomb system) (see figure 475)	Ref	
-55	No Number	INDICATOR, (low altitude bomb system) (see figure 475)	Ref	

*1 Also used on airplanes 53-5164 thru 52-5271 & 53-1072 thru 53-1171 modified per T.O. 1F-86F-212.

USEABLE ON CODE: A 51-2850 thru 51-2943 C 52-5164 thru 52-5271 E 53-1072 thru 53-1171
B 51-12936 and subs D 53-1072 and subs F 53-1172 and subs

FUSELAGE RADAR (Cont)



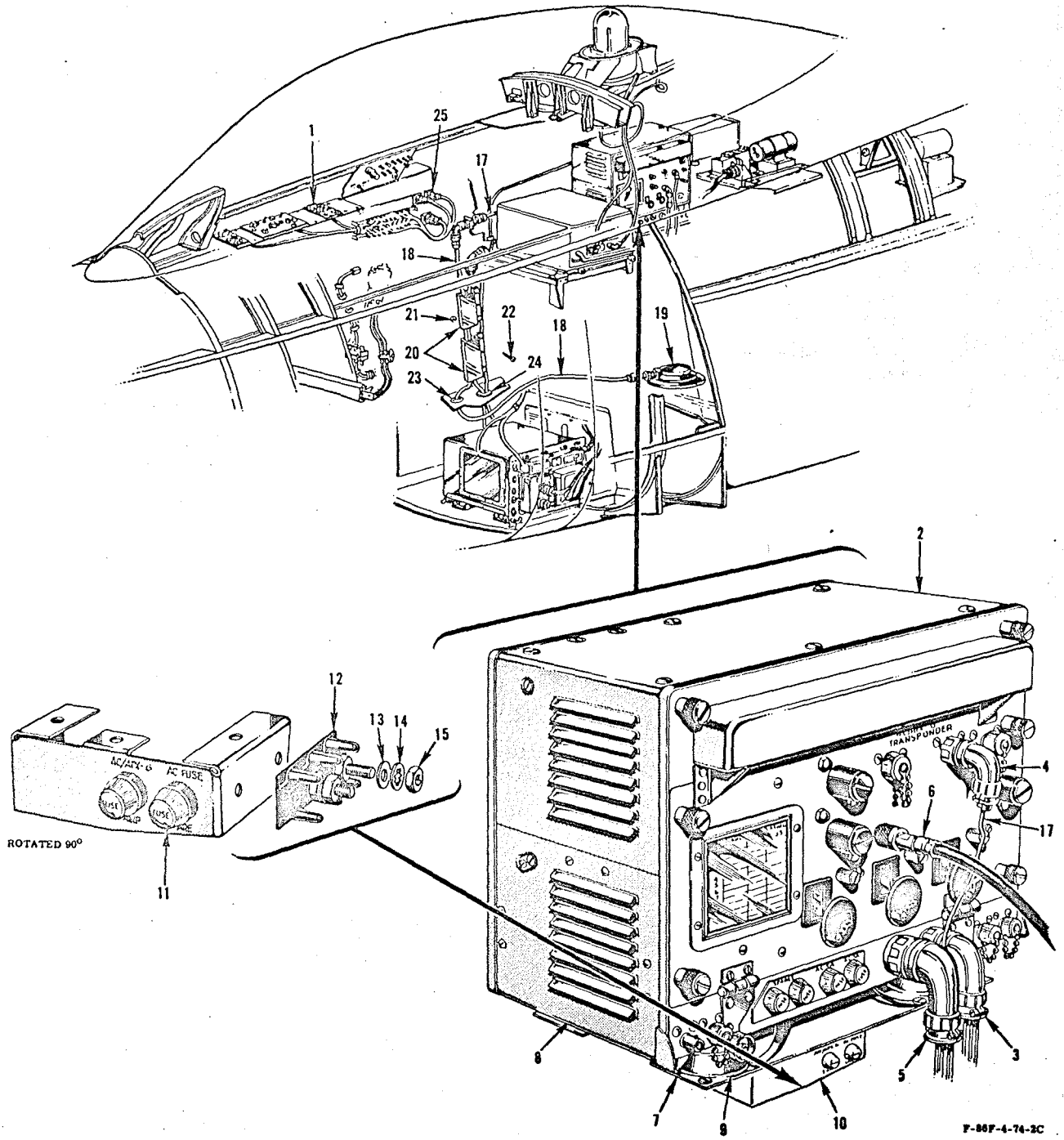


FIGURE 334 - AN/APX6 RADAR EQUIPMENT

FUSELAGE RADAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
334	No Number		AN/APX6 RADAR EQUIPMENT, (see figure 335 for next assy)	NP	
-1	C629/APX6	*1	. CONTROL PANEL, (GFAE)	1	B
	C1158/APX	*1	. CONTROL PANEL	1	C
	AN3106B20-27S		. PLUG, (control panel)	1	
	AN3057-12A		. ADAPTER	1	
-2	RT82/APX6		. RECEIVER TRANSMITTER, (GFAE)	1	B
	RT297A/APX		. RECEIVER TRANSMITTER (intrch wth RT279/APX)	1	C
	No Number		. DESTRUCTOR, MK2 Model 0 (GFAE)	3	A
-3	AN3108B14S5S		. PLUG	1	
	AN3057-6A		. ADAPTER	1	
-4	AN3108B8S1P		. PLUG	1	
	AN3057-3		. ADAPTER	1	
-5	AN3108B18-1P		. PLUG	1	
	AN3057-10A		. ADAPTER	1	
-6	UG212A/U		. ADAPTER, Right angle (Amer. Phenolic)	2	
	295005		. STRAP, (United-Carr)	2	
-7	161-74045		. MOUNT ASSY, AN/APX6 radar receiver transmitter	1	
-8	AN8008D30		. . INSULATOR	2	
-9	AN8008D28		. . INSULATOR	2	
	295981		. . CLAMP ASSY, (Monadnock Mills)	2	
-10	161-74049		. PANEL ASSY, AN/APX6 radar indicator light and fuse complete	1	
-11	AGC5		. . FUSE, (Bussman)	2	
	HKP		. . FUSE HOLDER, (Bussman)	2	
-12	AN3436-6-2		. . PANEL ASSY, Electrical connector	1	
-13	AN960-6		. . WASHER	2	
-14	AN936A6		. . WASHER	2	
-15	AN340-6		. . NUT	2	
-16	DELETED				
-17	161-74046		. CABLE ASSY, AN/APX6 radar antenna co-axial (disconnect to transmitter)	1	D
	161-74046-21		. CABLE ASSY, AN/APX6 radar antenna co-axial (disconnect to transmitter)	1	E
	161-74046-3		. . CABLE, AN/APX6 radar antenna co-axial (altered from RG8/4 48 inches) (intrch with RG8A/U)	1	D,E
	UG61A/U		. . PLUG, (AN/APX6 disconnect)	1	D,E
	UG59A/U		. . PLUG, (AN/APX6 transmitter)	1	D
	82-320		. . PLUG, (American Phenolic) (AN/APX6 transmitter)	1	E
-18	161-74046-10		. CABLE ASSY, AN/APX6 radar antenna co-axial (antenna to disconnect)	1	D
	161-74046-31		. CABLE ASSY, AN/APX6 radar antenna co-axial (antenna to disconnect)	1	E
	161-74046-5		. . CABLE, AN/APX6 radar antenna co-axial (altered from RG8/U 76 1/2 inches) (intrch with RG8A/U)	1	D,E
	UG59A/U		. . PLUG, (AN/APX6 antenna and disconnect)	2	D
	82-320		. . PLUG, (American Phenolic) (AN/APX6 antenna and disconnect)	2	E
	295004		. STRAP, (United-Carr)	3	
	295006		. STRAP, (United-Carr)	1	
	49296		. CLIP, (United-Carr)	3	
-19	AT234/APX		. ANTENNA, (GFAE)	1	B
	165-74070		. ANTENNA, Radar AT-234/APX (altered from AT234/APX antenna)	1	C
-20	10C1-1-7		. CONDUIT, (North American)	2	
-21	AN365-832		. NUT	6	
-22	AN515-8R6		. SCREW	6	
-23	AN931B14-20		. GROMMET	1	
-24	295134-14C		. GROMMET, (United-Carr)	1	
-25	AN3100C20-27P		. RECEPTACLE, (pressure disconnect)	1	
	AN3054-12A		. NUT	1	
	AN3106B20-27S		. PLUG, (pressure disconnect)	1	
	AN3057-12A		. ADAPTER	1	

*1 Refer to T.O. 1F-86F-532.

USEABLE ON CODE: A 51-13227 thru 51-13510,
52-5272 thru 52-5530,
53-1072 thru 53-1159,
53-1161 thru 53-1165
53-1168, 53-1170, 53-1171, 53-1177, 53-1178,
53-1184, 53-1187, 53-1188, 53-1194 & 53-1228
B 51-13170 thru 53-1228
C 55-3816 and subs
D 51-2850 thru 55-4030
E 55-4983 and subs

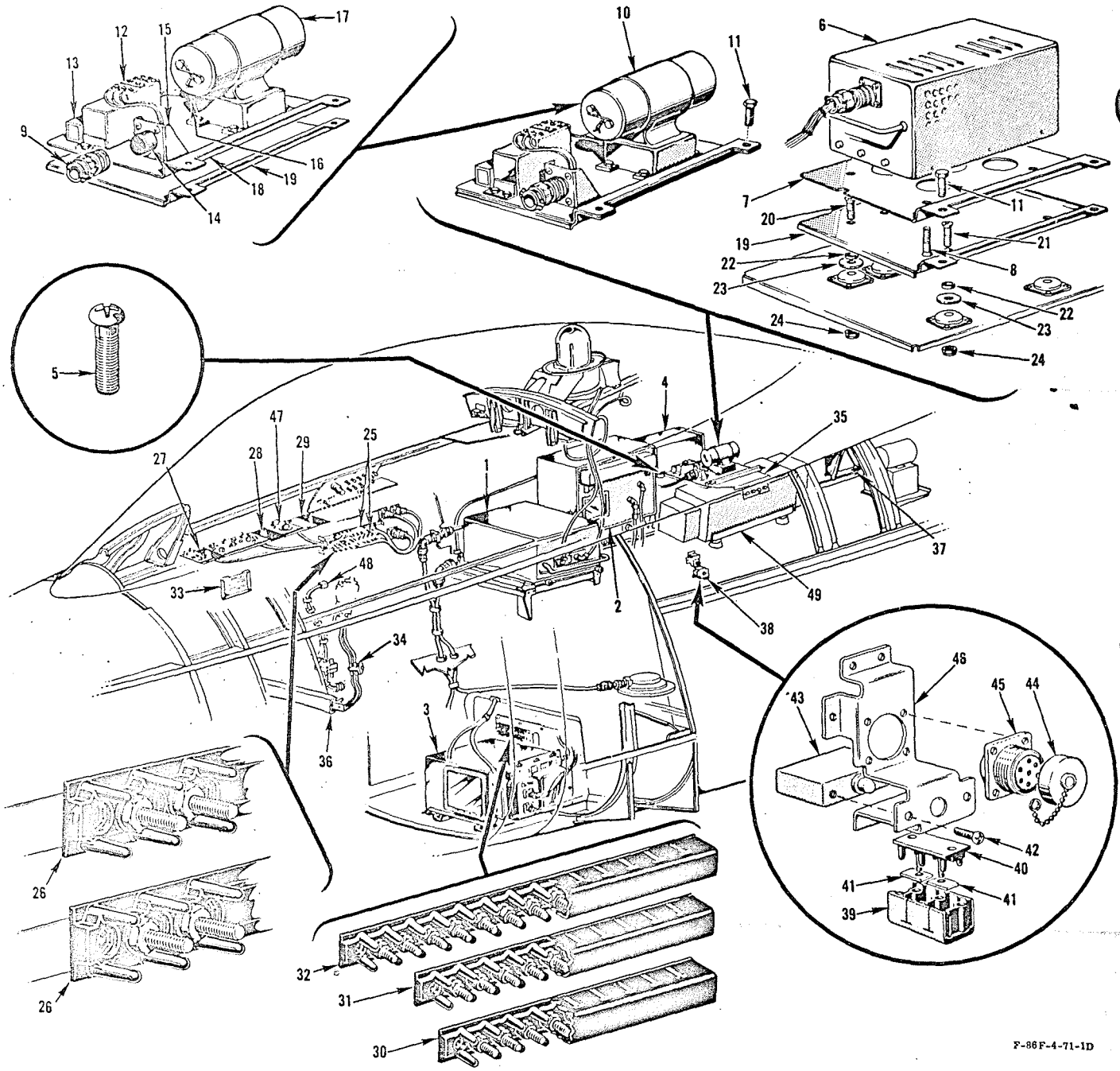


FIGURE 335 - FUSELAGE RADIO EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
335	170-71031		RADIO EQUIPMENT INSTL, Fuselage station 0 to 236 1/4 . . . . . (see figure 108 for next assembly)	NP	A
	176-71031		RADIO EQUIPMENT INSTL, Fuselage station 0 to 236 1/4 . . . . . (see figure 108 for next assembly)	NP	B
-1	No Number		. AN/ARN6 RADIO EQUIPMENT, (see figure 336 for breakdown) . . .	NP	
-2	No Number		. AN/APX6 RADAR EQUIPMENT, (see figure 334 for breakdown) . . .	NP	
-3	No Number		. AN/ARC3 RADIO EQUIPMENT, (see figure 337 for breakdown) . . .	NP	C
	No Number		. AN/ARC33 RADIO EQUIPMENT, (see figure 338 for breakdown) . .	NP	D
	No Number		. AN/ARC27 RADIO EQUIPMENT, (see figure 339 for breakdown) . .	NP	B
	202-050008	*6	. RADIO EQUIPMENT INSTL, AN/ARN21 TACAN, fwd (modification) . . (see figure 340A for breakdown)	NP	
	202-050009	*6	. RADIO EQUIPMENT INSTL, AN/ARN21 TACAN, aft (modification) . . (see figure 340B and 340C for breakdown)	NP	
-4	No Number		. CONVERTER, Static (GFAE) (Type E1) (Spec 32617) (AERNO 42-780) (intrch wth type E1A (Spec MIL-C5816A) (GFAE)	1	

FUSELAGE RADIO (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
335-5	AN515-6R8		.	SCREW	4	
-6	No Number	*2	.	POWER UNIT, GBR sight (type D4) (GFAE) (AERNO 42-2339)	1	F,*4
-7	161-74035		.	BASE, GBR sight AC power supply mounting	1	F,*1
-8	AN507-1032R7	*2	.	SCREW, Machine flat head	4	F
-9	AN3106B22-24S	*2	.	PLUG, (GBR sight AC power supply)	1	E
	AN3057-12A	*2	.	ADAPTER	1	E
-10	172-74025-20	*2	.	POWER SUPPLY ASSY, GBR sight AC (when exh use type Dr power supply assy together wth 161-74035)	1	E
	SD195-283	*2	.	POWER SUPPLY ASSY, GBR sight AC (Sorensen) (type D4) (GFAE) (AERNO 42-2339)	1	F
	ATTACHING PARTS				2	
-11	AN3-4A	*2	.	BOLT	2	
		---*---				
-12	No Number	*2	. .	TRANSFORMER, (Spec 5892) (Peerless)	1	E
-13	T6050	*2	. .	CONDENSER, (Cornell-Dublier)	1	E
	172-74053	*2	. .	BRACKET, GBR sight AC power supply condenser mounting	1	E
-14	AN3102A22-24P	*2	. .	RECEPTACLE	1	E
-15	172-74026	*2	. .	BRACKET, Gunsight AC power connector	1	E
-16	AN3106B14S7S	*2	. .	PLUG	1	E
	AN3057-6A	*2	. .	ADAPTER	1	E
-17	AN3499-1	*2	. .	INVERTER, (GFAE) (AERNO 42-2310) (intrch wth Jack & Heintz) 3187, X3499-1 or AN3499) (GFAE)	1	E
-18	161-74035	*2	. .	BASE, Gun bomb rocket sight AC power supply mounting	1	
-19	161-74034		.	MOUNT ASSY, Gun bomb rocket sight AC power supply	1	
-20	AN509-8R15	*2	.	SCREW	4	F
-21	AN509-8R16	*2	.	SCREW, (for use with bonding straps)	2	F
-22	NAS43C3-8	*2	.	SPACER, Screw and bolt	6	F
-23	AN8013-1	*2	.	WASHER	6	F
-24	AN365-832	*2	.	NUT	6	F
-25	151-71054-9		.	PANEL ASSY, Radio control panel terminal	2	
-26	AN3436-2-12		.	. PANEL ASSY, Electrical connector	1	
	AN3434-1		.	STRIP, Insulating	1	
-27	161-71005	*5	.	PANEL ASSY, Radio console closeout	1	C
	172-71006	*5	.	PANEL ASSY, RH radio console intermediate closeout	1	C
	4P2B3	*6	.	PANEL ASSY, Radio console closeout	1	B
	4P2G17	*6	.	PANEL ASSY, Radio console closeout	1	A
-28	161-71007	*6	.	PANEL ASSY, Radio console intermediate closeout	1	J
	172-71006	*5	.	PANEL ASSY, RH radio console intermediate closeout	1	C
-29	172-71007	*5	.	PANEL ASSY, RH radio console aft closeout (when exh use North American 4P2-3)	1	D
	4P2-3	*5	.	PANEL ASSY, Radio console closeout	1	
	172-71006	*5	.	PANEL ASSY, RH radio console intermediate closeout	1	D
	227-71007-11	*5	.	PANEL, Right hand radio console, assy of	1	H,A
	227-71007-1	*5	.	PANEL, Right hand radio console, assy of	1	K
	227-71007-31	*6	.	PANEL, Right hand radio console, assy of	1	H,K
	227-71007-21	*6	.	PANEL, Right hand radio console, assy of	1	L
-30	AN3436-2-9	*7	.	TERMINAL BLOCK ASSEMBLY	1	L
-31	AN3436-2-10	*7	.	TERMINAL BLOCK ASSEMBLY	1	
-32	AN3436-2-13	*7	.	TERMINAL BLOCK ASSEMBLY	1	
	397-9		.	COVER, (Henry Engineering)	1	
	397-10		.	COVER, (Henry Engineering)	1	
	397-13		.	COVER, (Henry Engineering)	1	
-33	153-71172		.	CARD, Channel frequency designation	1	D,B
	15C1-3		.	CARD, Channel frequency designation (North American) (use 171-71172 until exh)	1	C
	15C1-5		.	GUARD, Frequency instruction card (North American) (use 159-71054 until exh)	1	D,B
-34	AN3106B16S1P		.	PLUG, (Microphone throttle disconnect)	1	
	AN3101B16S1S		.	RECEPTACLE, (microphone throttle disconnect)	1	
	AN3057-8A		.	ADAPTER	1	
-35	151-71090		.	SHELF ASSY, Fus sta 143.875 to 155 aft radio compartment	2	
	AN8008D4		.	. INSULATOR	1	
-36	397-4		.	COVER, (Henry Engineering)	6	
-37	SA3A/A		.	SWITCH BOX ASSEMBLY, Detonator (GFAE) (AERNO 81-9100)	1	
-38	202-74008	*3	.	BRACKET ASSY, GBR sight and radar test power outlet	1	A,G
-39	397-2	*3	. .	COVER, Electrical terminal block (Henry Engineering)	1	
-40	AN3436-2-2	*3	. .	TERMINAL BLOCK ASSEMBLY	1	
-41	AN3434-1	*3	. .	STRIP	1	
-42	AN515-6R5	*3	. .	SCREW	2	
-43	AN3161P5	*3	. .	CIRCUIT BREAKER, (radar test)	2	
-44	2209-6	*3	. .	CAP, (Cannon)	1	
-45	2061-18	*3	. .	RECEPTACLE, (Cannon)	1	
-46	202-74007	*3	. .	BRACKET, GBR sight and radar test power outlet	1	
-47	No Number		.	PANEL, Control type J4 (Spec Mil-C8412)	1	
-48	165-71060			CORD ASSY, Radio microphone headset (see figure 362)	1	L
-49	No Number			AN/ARN14 NAVIGATION RECEIVER, (Government furnished & installed)	Ref	

*1 Rework per T.O. 1F-86-246.
*2 Refer to T.O. 1F-86-246.
*3 Refer to T.O. 1F-86-210.
*4 Rework per T.O. 1F-86F-522.
*5 Removed from airplanes modified per T.O. 1F-86F-532.
*6 Used on airplanes modified per T.O. 1F-86F-532.
*7 Not used on airplanes modified per T.O. 1F-86F-535, see fig. 339 for mod airplanes

USEABLE ON CODE:
A 51-2850 thru 51-13169
B 51-13170 and subs
C 51-2850 thru 51-12976
D 51-13070 thru 51-13169
E 51-2850 thru 51-12935
F 51-12936 and subs
G 51-13170 thru 52-5163, 52-5272 thru 52-5530
H 51-13170 thru 55-3975
J 55-3976 and subs
K 55-3976 thru 55-4030
L 55-4983 and subs

FUSELAGE RADIO (Cont)

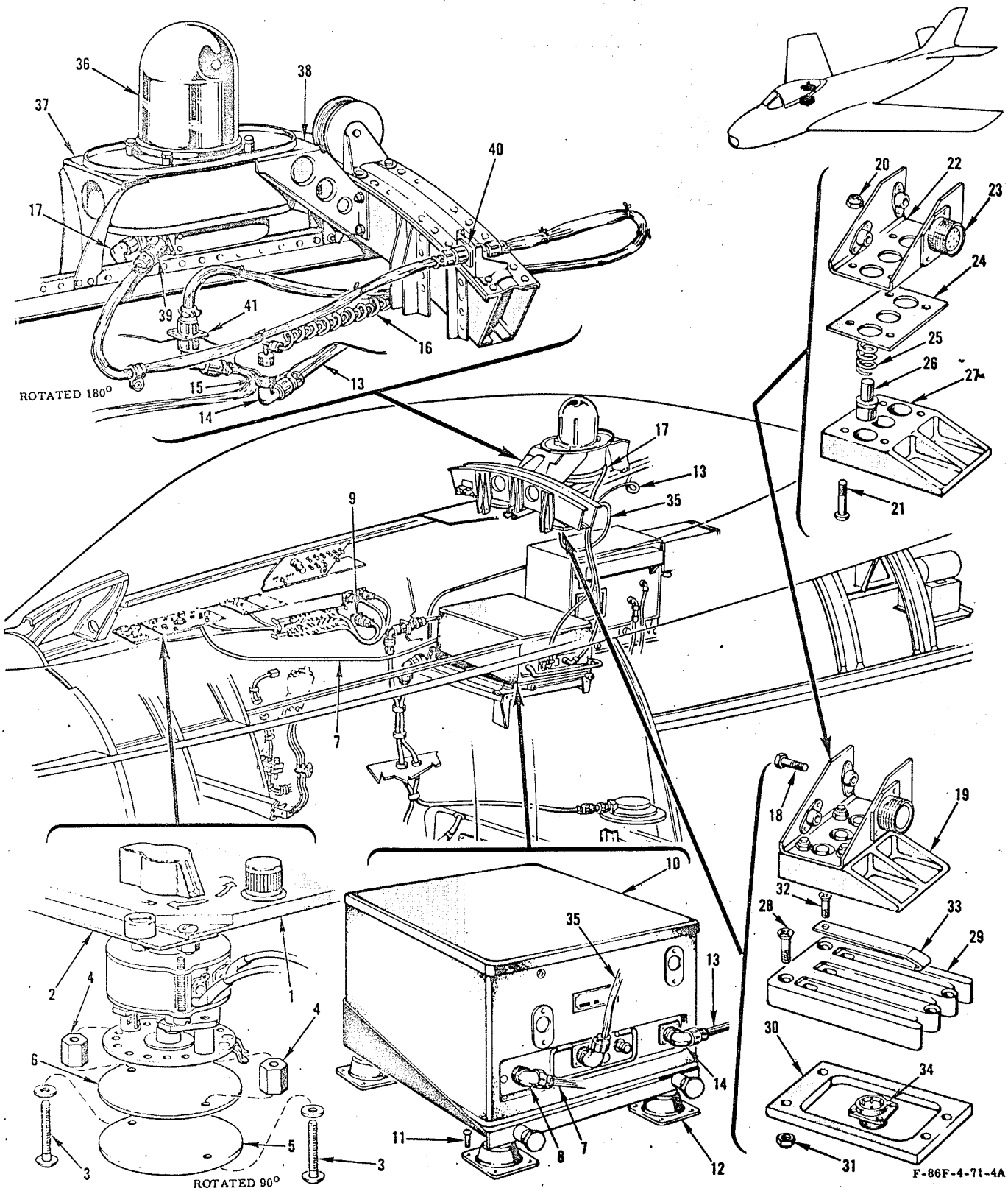


FIGURE 336 - AN/ARN6 RADIO EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
336	No Number		AN/ARN6 RADIO EQUIPMENT, (see figure 335 for next assy)	NP	
-1	C403A/A	*2	. CONTROL PANEL, (GFAE)	1	A,E
	9100P		. ADAPTER REMOTE CONTROL, 90° angle (F. W. Stewart) (use 5373X (White Dental) untl exh)	1	A,E
	C1514/A	*2	. CONTROL PANEL, (GFAE)	1	B
	U134F32/12RG		. PLUG, (U. S. Components) (Spec-mil-C8384)	1	B
-2	157-71041		. ADAPTER ASSY, AN/ARN6 radio compass control panel	2	A,E
	M1-34HRD		. ADAPTER HOOD, (U. S. Components) (intrch wth Winchester MRE34HZ) . . .	1	B
-3	AN515-5R6		. SCREW	2	A,E
-4	173-71036		. SPACER, Radio compass loop left-right switch guard internally threaded	2	A,E
-5	144-71098		. GUARD, Radio compass loop control switch	1	A,E
-6	144-71097		. INSULATOR, Radio compass loop control switch guard	1	A,E
-7	LA1533E78		. FLEXIBLE SHAFT COMBINATION (F. W. Stewart) (use 494Y0E78 and 494Y78 (White Dental) untl exh)	1	A,E
	LA1533E85		. FLEXIBLE SHAFT COMBINATION (F. W. Stewart) (Spec NAS7937-1B)	1	B
-8	9100P		. ADAPTER REMOTE CONTROL, 90° angle (F. W. Stewart) (use 5373X (White Dental) untl exh) . . .	1	
-9	AN3100C28-12P		. RECEPTACLE, (control panel disconnect)	1	
	AN3054-16		. NUT	1	
	AN3106B28-12S		. PLUG, (control panel disconnect)	1	
	AN3057-16		. ADAPTER	1	
-10	R101A/ARN6	*1	. RADIO COMPASS UNIT, (GFAE)	1	-
-11	AN515-8R8		. SCREW	8	
-12	151-71082		. MOUNT ASSY, MT274A/ARN6 radio compass (altered from GFAE MT274A/ARN6 or MT274B/ARN6)	1	C
	151-71082-11		. MOUNT ASSY, MT274A/ARN6 radio compass (altered from MT274A/ARN6)	1	D
-13	CG405ARN6		. CORD, (sense antenna) (whn exh use Univox 72339-13)	1	
	72339-13		. CORD, (sense antenna) (Univox) (use CG405/ARN6 and one M359A adapter untl exh) . . .	1	
-14	M359A		. ADAPTER	2	
-15	PL274		. CONNECTOR, Pressurized feed thru	1	
-16	227-71005		. CORD ASSY, AN/ARN6 radio compass sense antenna) (use 151-71023 untl exh)	1	
	227-71006		. . SPRING, Tension (use with 227-71005 assy only)	1	
	151-71023-21		. . CORD (use with 227-71005 assy)		
	227-71004		. . LUG, radio compass sensing ant. cord		
-17	CG556/ARN6		. CABLE, (radio compass loop)	1	
-18	AN3-4A		. BOLT	3	
-19	151-71097-12		. HOLDER ASSY, Radio compass loop disconnect brush	1	
-20	AN365-832		. . NUT	4	
-21	AN515-8R10		. . SCREW	4	
-22	151-71098		. . BOX ASSY, Radio compass loop disconnect junction	1	
-23	151-71098-5		. . . RECEPTACLE, Radio compass loop disconnect junction box (altered from AN3102-14S7P) . .	1	
-24	151-71069		. . INSULATOR Radio compass loop disconnect)	1	
-25	142-58306		. . SPRING, Hydraulic canopy safety stop return	1	
-26	151-71117		. . CONTACTOR, Radio compass loop disconnect	1	
-27	151-71088		. . HOLDER, Radio compass loop disconnect brush	1	
-28	AN509-8R22		. SCREW	4	
-29	151-71084		. BASE, Radio compass loop disconnect	1	
-30	151-71099		. SPACER, Radio compass loop disconnect base	1	
-31	AN365-632		. NUT	3	
-32	AN507-632R8		. SCREW	3	
-33	151-71086		. STRIP, Radio compass loop disconnect contactor	3	
-34	AN3102C14S7P		. RECEPTACLE, (AN/ARN6 radio compass unit) (intrch wth AN3102C14S1P)	1	
	4G3-14		. GASKET, Pressure plug (North American)	2	
-35	7459-3		. CABLE, High temperature (Univox) (Radio loop compass) (use CG555/ARN6 untl exh)	1	
-36	AS313B/ARN6		. ANTENNA, Loop (GFAE)	1	
-37	152-71022		. SUPPORT, Radio compass loop aft	1	
-38	152-71039		. SUPPORT ASSY, Radio compass loop fwd	1	
-39	AN3106B16S1S		. PLUG, (radio compass) (intrch wth AN3107B16S1S)	1	
	AN3057-8A		. ADAPTER	1	
-40	AN3100A20-29P		RECEPTACLE, (AN/ARN6 radio compass disconnect) (see fig. 320) .	Ref	
	AN3107B20-29S		PLUG, (AN/ARN7 radio compass disconnect) (see fig. 320)	Ref	
	AN3057-12		ADAPTER, (see figure 320)	Ref	
-41	AN3100C20-29P		RECEPTACLE, (AN/ARN6 radio compass disconnect) (see fig. 320) .	Ref	
	AN3108B20-29S		PLUG, (AN/ARN6 radio compass disconnect) (see fig. 320)	Ref	
	AN3057-12		ADAPTER, (see figure 320)	Ref	

*1 Removed from airplanes modified per T.O. 1F-86F-532.
*2 Relocated when modified per T. O. 1F-86F-532.

USEABLE ON CODE: A 51-13170 thru 55-3975
B 55-3976 and subs
C 51-2850 thru 53-1228
D 55-3816 and subs
E 51-2850 thru 51-12169

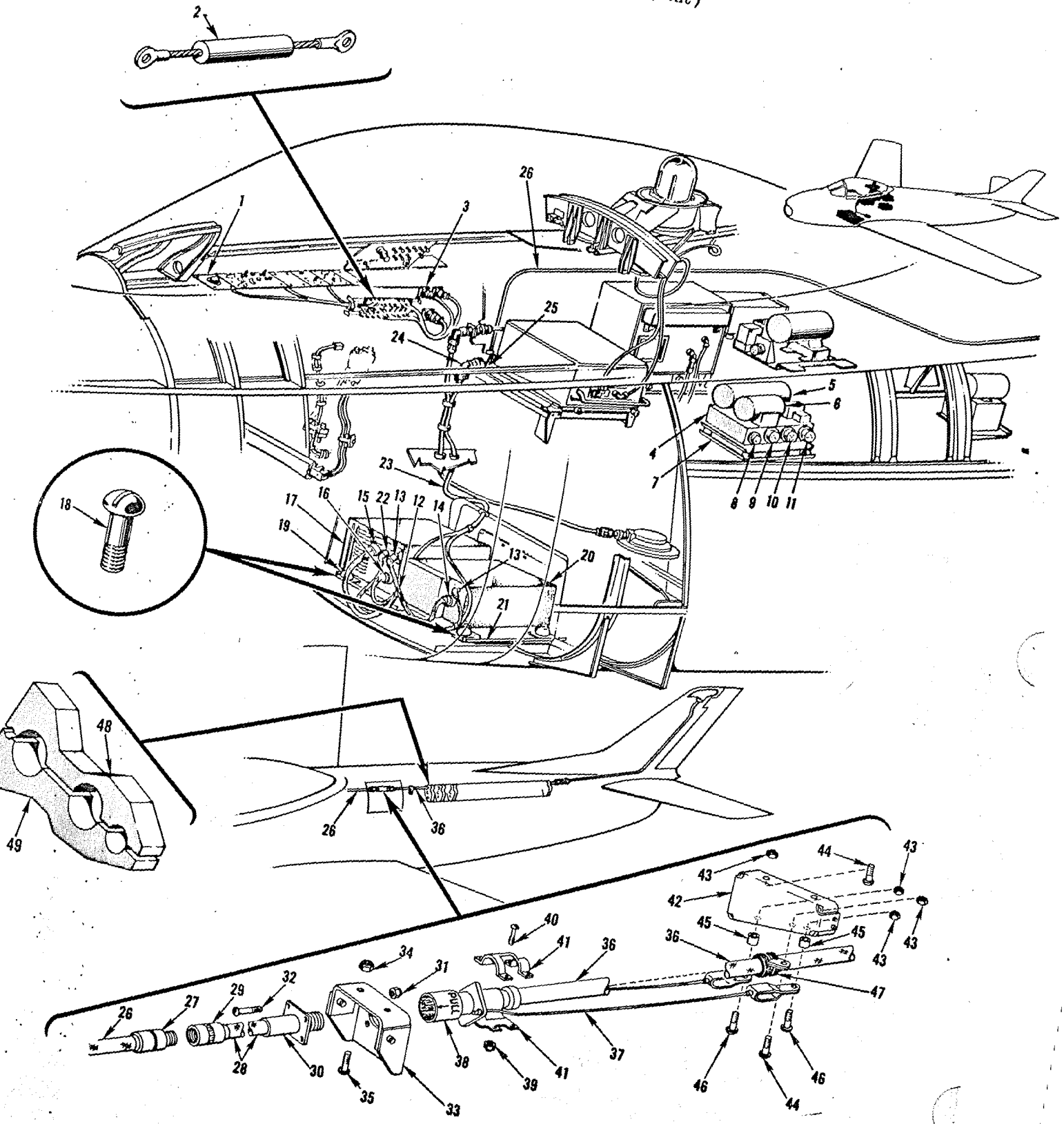


FIGURE 337 - AN/ARC3 RADIO EQUIPMENT

F-86F-4-71-5A

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
337			AN/ARC3 RADIO EQUIPMENT		
	No Number	.	AN/ARC3 RADIO EQUIPMENT, (see fig. 335 for next assembly) . .	NP	A
-1	C404A/A	. .	CONTROL PANEL, (GFAE)	1	A
	157-71042	. .	ADAPTER ASSY, AN/ARC3 radio control panel	2	A
	151-71048	. .	RESISTOR ASSY, AN/ARC3 radio	1	A
-2	RC20BF151J	. . .	RESISTOR, 150 ohms + 5% 1/2 watt	1	A
-3	AN3106B24-5S	. .	PLUG, (AN/ARC3 control disconnect)	1	A
	AN3057-16	. .	ADAPTER	1	A
	AN3100C24-5P	. .	RECEPTACLE, (AN/ARC3 control disconnect)	1	A
337	AN3054-16	. .	NUT	1	A
-4	J68/ARC3	. .	POWER JUNCTION BOX, (GFAE)	1	A
-5	DY21/ARC3	. .	DYNAMOTOR UNIT, (GFAE)	1	A
-6	DY22/ARC3	. .	DYNAMOTOR UNIT, (GFAE)	1	A
-7	MT236/ARC3	. .	MOUNTING BASE, (GFAE)	1	A
-8	PL148A	. .	PLUG, (power junction box)	1	A
-9	U15/U	. .	PLUG, (power junction box)	1	A
-10	U16/U	. .	PLUG, (power junction box)	1	A
-11	PL153A	. .	PLUG, (power junction box)	1	A
-12	172-71004-10	. .	CABLE ASSY, AN/ARC3 rad vhf coax (RG9/U) (xmtr to rcvr) . .	1	A
	PL259A	. .	. PLUG, (transmitter to receiver cable)	2	A
	295006	. .	STRAP, (United-Carr)	2	A
-13	M359A	. .	ADAPTER, Right angle (transmitter and receiver)	2	A
-14	PL153A	. .	PLUG, (AN/ARC3 receiver)	1	A
-15	U15/U	. .	PLUG, (AN/ARC3 transmitter)	1	A
-16	PL151A	. .	PLUG, (AN/ARC3 transmitter)	1	A
-17	T67/ARC3	. .	RADIO TRANSMITTER, (GFAE) (use transmitter identified by M3 modification symbol only) .	1	A
	CR1A/AR	. .	CRYSTAL UNIT, ("A" Band 7550KC) (GFAE)	1	A
	CR1A/AR	. .	CRYSTAL UNIT, ("B" Band 7010KC) (GFAE)	1	A
	CR1A/AR	. .	CRYSTAL UNIT, ("C" Band 7660KC) (GFAE)	1	A
	CR1A/AR	. .	CRYSTAL UNIT, ("D" Band 6750KC) (GFAE)	1	A
	CR1A/AR	. .	CRYSTAL UNIT, ("G" Band 7600KC) (GFAE)	1	A
	CR1A/AR	. .	CRYSTAL UNIT, ("H" Band 7450KC) (GFAE)	1	A
-18	AN520-10R10	. .	SCREW	8	A
-19	172-71023	. .	MOUNT ASSY, MT238C/ARC3 radio transmitter (altered from (GFAE) (MT238C/ARC3) (use 151-71114 unt1 exh) .	1	A
-20	R77A/ARC3	. .	RADIO RECEIVER, (GFAE) (use receivers identified by M2 modification symbol only) . .	1	A
	CR1A/AR	. .	CRYSTAL UNIT, ("A" Band 8200KC) (GFAE)	1	A
	CR1A/AR	. .	CRYSTAL UNIT, ("B" Band 815571.KC) (GFAE)	1	A
	CR1A/AR	. .	CRYSTAL UNIT, ("C" Band 8392KC) (GFAE)	1	A
	CR1A/AR	. .	CRYSTAL UNIT, ("D" Band 8423.08KC) (GFAE)	1	A
	CR1A/AR	. .	CRYSTAL UNIT, ("G" Band 8320KC) (GFAE)	1	A
	CR1A/AR	. .	CRYSTAL UNIT, ("H" Band 8140KC) (GFAE)	1	A
-21	172-71022	. .	MOUNT ASSY, MT237C/ARC3 radio receiver (altered from (GFAE) (MT237C/ARC3) (use 151-71113 unt1 exh) . . .	1	A
-22	M359A	. .	ADAPTER, Angle plug (transmitter)	1	A
-23	172-71004	. .	CABLE ASSY, AN/ARC3 rad vhf coax (xmtr to UG202/U adpt . .	1	A
	PL259A	. .	. PLUG, (AN/ARC3 transmitter end)	1	A
	UG21C/U	. .	. PLUG, (station 126 pressure angle plug)	1	A
-24	UG27B/U	. .	ADAPTER, Angle (station 126)	1	A
-25	UG202/U	. .	ADAPTER, Panel mounted angle (station 126)	1	A
-26	172-71004-4	. .	CABLE ASSY, AN/AR3 radio vhf coaxial (station 126. . . . pressure angle plug to station 215 disconnect)	1	A,*1
	UG21C/U	. . .	. PLUG, (station 126 pressure angle plug)	1	A
	172-71004-5	. . .	. CABLE, AN/AR3 radio vhf coaxial (altered from amer. . . phenolic 21-699) (133 1/4 inches)	1	A,*1
-27	UG23D/U	. .	JACK, (station 215 disconnect)	1	A,*2
-28	202-71003	. .	CABLE ASSY, Radio antenna coaxial (station 215 . . . . . disconnect to station 225.75 disconnect)	1	A,*2
-29	UG21D/U	. .	. PLUG, (station 215 disconnect)	1	A,*2
-30	UG575/U	. .	. PANEL, Jack (station 225.75 disconnect)	1	A,*2
-31	AN365-440	. .	NUT	4	A,*2
-32	AN515-4R6	. .	SCREW	4	A,*2
-33	202-71004	*3 . .	BRACKET, Radio antenna cable quick disconnect fwd	1	A,*2
	202-710010	*4 . .	BRACKET, Quick disconnect cable UHF radio & AN/ARN21 . . . TACAN antenna fwd	1	
-34	AN365-1032	. .	NUT	2	A,*2
-35	AN520-10R7	. .	SCREW	2	A,*2
	170-71001	.	RADIO EQUIPMENT INSTALLATION, Fuselage complete	NP	A
-36	172-71004-6	. .	CABLE ASSY, AN/AR3 radio vhf co-axial (station 225.75. . . disconnect to vertical stabilizer disconnect)	1	B
	UG21C/U	. . .	. PLUG, (vertical stabilizer disconnect)	1	A
	172-71004-7	. . .	. CABLE, AN/AR3 radio uhf coaxial (altered from Amer. . . Phenolic 21-699) (127 inches)	1	A,*1
	71227A124	. .	CABLE ASSY, (Univox)	1	C
-37	202-71006	. .	CONNECTOR ASSY, Radio antenna cable quick disconnect . . .	1	A,*2
-38	UG574/U	. .	. CONNECTOR	1	A,*2
-39	AN365-440	. .	NUT	4	A,*2
-40	AN515-4R6	. .	SCREW	4	A,*2
-41	5C12	. .	CLAMP, Coaxial cable connector (North American)	2	A,*2
-42	202-71005	*3 . .	BRACKET, Radio antenna cable quick disconnect aft.	1	A,*2

(Nomenclature continued on next page)

FIGURE & INDEX NUMBER	PART NUMBER		1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
337	202-710012	*4	.	.						BRACKET, Quick disconnect cable UHF radio & AN/ARN21 TACAN antenna aft	1	
-43	AN365-1032		.	.						NUT	5	A,*2
-44	AN520-10R7		.	.						SCREW	3	A,*2
-45	NAS43DD3-16		.	.						SPACER, Screw and bolt	2	A,*2
-46	AN520-10R12		.	.						SCREW	2	A,*2
-47	MS21919DG7		.	.						CLAMP	1	A,*2
-48	140-71059-3		.	.						CLAMP, Radio coaxial cable	8	A
-49	140-71059-5		.	.						CLAMP, Radio coaxial cable	8	A

*1 Used on airplanes noted when re/worked per T.O. 1F-86-219.
*2 Used on airplanes noted that have been modified per T.O. 1F-86-219.
*3 Removed from airplanes modified per T.O. 1F-86F-532.
*4 Used on airplanes modified per T.O. 1F-86F-532.

USEABLE ON CODE: A 51-2850 thru 51-12976. C 51-13170 thru 51-13510
B 51-2850 thru 51-13069 52-4305 thru 52-5530
53-1072 thru 55-5047

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FUSELAGE RADIO (Cont)

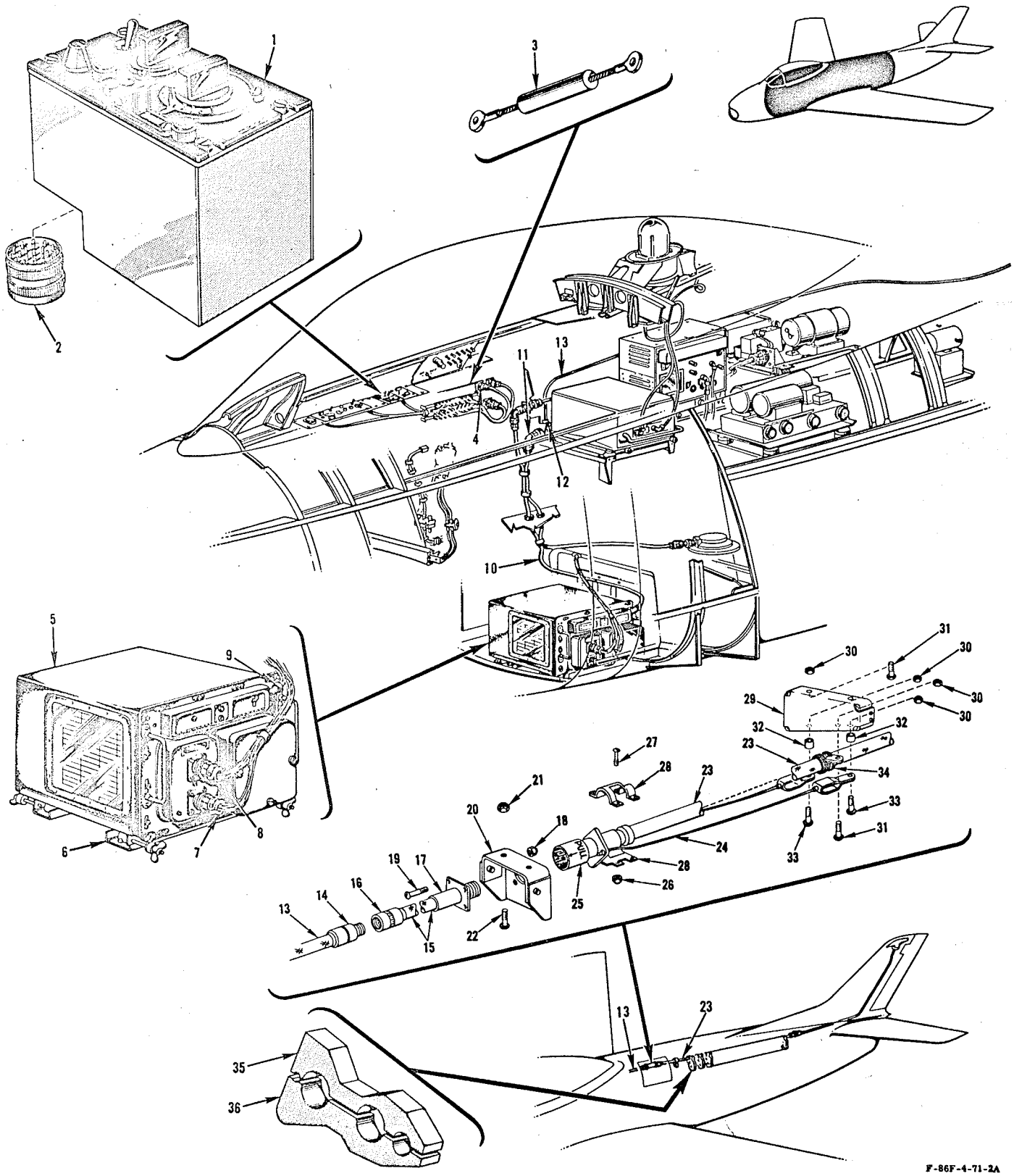

FIGURE 338 - AN/ARC33 RADIO EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
338			AN/ARC33 RADIO EQUIPMENT		
	No Number		AN/ARC33 RADIO EQUIPMENT, (see figure 335)	NP	A
-1	C784/ARC33	*3	. . CONTROL PANEL, (GFAE)	1	A
-2	06FN22-14S		. . PLUG, (Cannon dwg 19527) (formerly 503X)	1	A
	151-71048		. . RESISTOR ASSY, Radio	1	A
-3	RC20BF1S1S		. . . RESISTOR, 150 ohms + 5% 1/2 watt	1	A
-4	AN3100C24-5P		. . RECEPTACLE, (AN/ARC33 control disconnect)	1	A
	AN3054-16		. . NUT	1	A
	AN3106B24-5S		. . PLUG, (AN/ARC33 control disconnect)	1	A
	AN3057-16		. . ADAPTER	1	A
-5	RT173/ARC33		. . RECEIVER TRANSMITTER, AN/ARC33 (GFAE)	1	A
-6	MT611/ARC33		. . MOUNTING RACK, (GFAE)	1	A
-7	06FN22-4S		. . PLUG, (Cannon dwg 19528) (formerly 504X)	1	A
-8	06FN28-12P		. . PLUG, (Cannon dwg 19529) (formerly 505X)	1	A
-9	UG27B/U		. . ADAPTER, Angle (transmitter-receiver)	1	A
-10	172-71009		. . CABLE ASSY, AN/ARC33 radio uhf co-axial (receiver-transmitter to right angle pressure plug)	1	A
	UG21C/U		. . . PLUG, (receiver-transmitter & press. angle plug)	2	A
	176-71009-3		. . . CABLE, AN/ARC27 radio uhf co-axial (RG9/U 69 inches)	1	A
-11	UG27B/U		. . ADAPTER, Angle (station 126)	1	A
-12	UG202/U		. . ADAPTER, Panel mounted angle (station 126)	1	A
-13	172-71009-4		. . CABLE ASSY, AN/ARC33 radio uhf co-axial (station 126 pressure angle plug to station 215 disconnect)	1	A,*1
	UG21C/U		. . . PLUG, (station 126 pressure angle plug)	1	A
	172-71009-5		. . . CABLE, AN/ARC33 radio uhf co-axial (altered from Amer. Phenolic 21-699) (130 1/4 inches)	1	A,*1
-14	UG23D/U		. . JACK, (station 215 disconnect)	1	A,*2
-15	202-71003		. . CABLE ASSY, Radio antenna co-axial (station 215 disconnect to station 225.75 disconnect)	1	A,*2
-16	UG21D/U		. . . PLUG, (station 215 disconnect)	1	A,*2
-17	UG575/U		. . . PANEL JACK, (station 227.75 disconnect)	1	A,*2
-18	AN365-440		. . NUT	4	A,*2
-19	AN515-4R6		. . SCREW	4	A,*2
-20	202-71004	*3	. . BRACKET, Radio antenna cable quick disconnect fwd	1	A,*2
	202-710010	*4	. . BRACKET, Quick disconnect cable uhf radio & AN/ARN21 TACAN antenna fwd	1	
-21	AN365-1032		. . NUT	2	A,*2
-22	AN520-10R7		. . SCREW	2	A,*2
	170-71001		. RADIO EQUIPMENT INSTALLATION, Fuselage complete	NP	A
-23	172-71009-6		. . CABLE ASSY, AN/AR33 radio uhf co-axial (station 225.75 disconnect to vertical stabilizer disconnect)	1	A,*1
	UG21C/U		. . . PLUG, (Vertical stabilizer disconnect)	1	A
	172-71009-7		. . . CABLE, AN/ARC33 radio uhf co-axial (altered from Amer. Phenolic 21-699) (127 inches)	1	A,*1
-24	202-71006		. . CONNECTOR ASSY, Radio antenna cable quick disconnect	1	A,*2
-25	UG574/U		. . . CONNECTOR	1	A,*2
-26	AN365-440		. . NUT	4	A,*2
-27	AN515-4R6		. . SCREW	4	A,*2
-28	5C12		. . CLAMP, Co-axial cable connector (North American)	2	A,*2
-29	202-71005	*3	. . BRACKET, Radio antenna cable quick disconnect aft	1	A,*2
	202-710012	*4	. . BRACKET, Quick disconnect cable uhf radio and AN/ARN 21 TACAN antenna aft	1	
-30	AN365-1032		. . NUT	5	A,*2
-31	AN520-10R7		. . SCREW	3	A,*2
-32	NAS43DD3-16		. . SPACER, Screw and bolt	2	A,*2
-33	AN520-10R12		. . SCREW	2	A,*2
-34	MS21919DG7		. . CLAMP	1	A,*2
-35	140-71059-3		. . CLAMP, Radio co-axial cable	8	A
-36	140-71059-5		. . CLAMP, Radio co-axial cable	8	A

*1 Used on airplanes noted when reworked per T.O. 1F-86-219.
*2 Used on airplanes noted that have been modified per T.O. 1F-86-219.
*3 Removed from airplanes modified per T.O. 1F-86F-532.
*4 Used on airplanes modified per T.O. 1F-86F-532.

USEABLE ON CODE: A 51-13070 thru 51-13169

FUSELAGE RADIO (Cont)

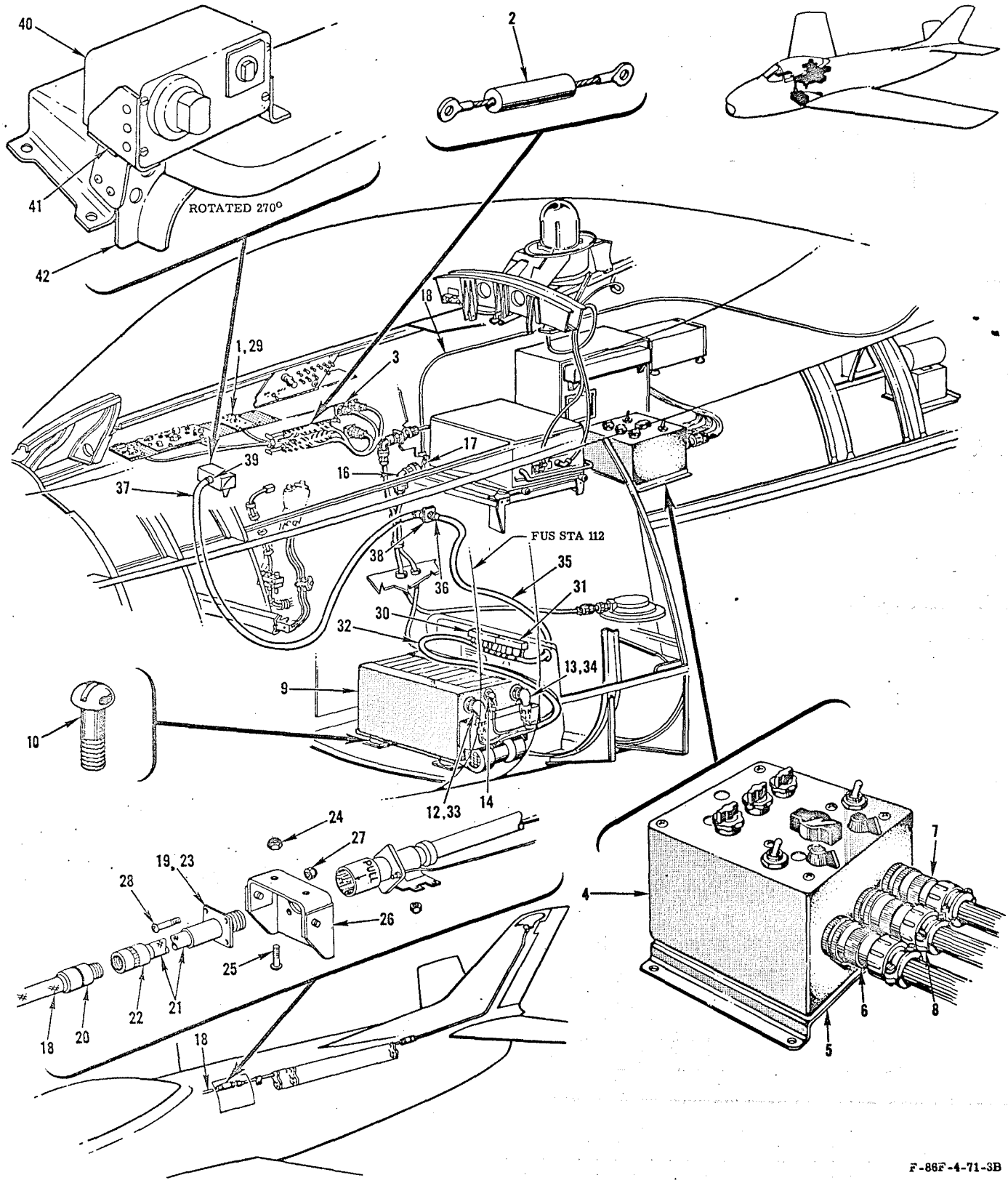

FIGURE 339 - AN/ARC27 RADIO EQUIPMENT (FORWARD)

FUSELAGE RADIO (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
339	No Number		AN/ARC27 RADIO EQUIPMENT FWD, (see fig. 335 for next assy)	NP	A
-1	C628/ARC27	*3*6	CONTROL PANEL, (GFAE)	1	A
	AN3106M22-14S	*4*6	PLUG, (AN/ARC27 control panel)	1	A
	MS25183-22-14S	*5*6	CONNECTOR, (AN/ARC27 control panel)	1	
	151-71048		RESISTOR ASSY, Radio	1	A
-2	RC20BF1S1S		. RESISTOR, 150 ohms + 1/2 watt (Ohmite)	1	A
-3	AN3100C24-5P	*6	RECEPTACLE, (Control panel disconnect)	1	A
	AN3054-16	*6	NUT	1	A
	AN3106B24-5S	*6	PLUG, (Control panel disconnect)	1	A
	AN3057-16A	*6	ADAPTER	1	A
-4	C626/ARC27	*6	CHANNEL SELECTOR, (GFAE)	1	A
-5	MT821/ARC27	*6	MOUNTING, AN/ARC27 radio set control (GFAE)	1	A
-6	AN3106M24-7S	*6	PLUG, (channel selector)	1	A
-7	AN3106M24-5P	*6	PLUG, (channel selector)	1	A
-8	AN3106M24-20P	*6	PLUG, (channel selector)	1	A
-9	RT178/ARC27		RECEIVER, Transmitter (GFAE)	1	A
-10	AN520-10R10		SCREW	8	A
-11	MT822/ARC27		MOUNTING, AN/ARC27 receiver-transmitter (GFAE)	1	A
-12	AN3108M24-7S		PLUG, (Receiver-transmitter)	1	A
-13	AN3108M24-5S		PLUG, (Receiver-transmitter)	1	A
-14	UG27B/U		ADAPTER, Right angle (Receiver-transmitter)	1	A
-15	176-71009		CABLE ASSY, AN/ARC27 radio uhf co-axial (Receiver-transmitter to station 126 pressure angle plug)	1	B,C
	UG21C/U		. PLUG, (Receiver-transmitter and sta. 126 press. plug)	2	B,C
	176-71009-3		. CABLE, AN/ARC27 radio uhf co-axial (altered from Amer. Phenolic 21-699) (72 inches)	1	B,C
	227-71003-21	*6	CABLE ASSY, AN/ARC27 radio uhf co-axial (receiver-transmitter to station 126 pressure angle plug) (when exh use Univox cable 71227-72)	1	D
	82-312		. PLUG, (Amer. Phenolic) (altered from UG21D/U plug) (receiver-transmitter and sta. 126 pressure plug)	2	D
	227-71003-23	*6	. CABLE, AN/ARC27 radio uhf co-axial (RG9B/U 72 inches)	1	D
	71227-72		CABLE ASSY, (Univox) (RG9B/U 72 inches) (use 227-71003-21 untl exh)	1	D
-16	UG27B/U		ADAPTER, Right angle (station 126)	1	A
-17	UG202/U		ADAPTER, Right angle (station 126)	1	A
-18	176-71009-4		CABLE ASSY, AN/ARC27 radio uhf co-axial (station 126 pressure angle plug to station 215 disconnect)	1	B,*1
	227-71003		. CABLE ASSY, AN/ARC27 radio uhf co-axial (station 126 pressure angle plug to station 225.75 disconnect) (when exh use Univox cable 71227A130)	1	C
	227-71003-31		CABLE ASSY, AN/ARC27 radio uhf co-axial (station 126 pressure angle plug to station 225.75 disconnect) (when exh use Univox cable 71227A130)	1	D
	176-71009-5		. CABLE, AN/ARC27 radio uhf co-axial (altered from Amer. Phenolic 21-699) (130 1/4 inches)	1	B,*1
	227-71003-3		. CABLE, AN/ARC27 radio uhf co-axial (RG87A/U 130 inches)	1	C
	227-71003-33		. CABLE, AN/ARC27 radio uhf co-axial (RG87A/U 130 inches)	1	D
	UG21C/U		. PLUG, (station 126 pressure angle plug)	1	B
	UG21D/U		. PLUG, (station 126 pressure angle plug)	1	C
	82-312		. PLUG, (station 126 pressure angle plug)	1	D
-19	UG575/U		. CABLE JACK, (station 225.75 disconnect)	1	C,D
	71227A130		CABLE ASSY, (Univox) (21-699 130 inches) (use 227-71003 or 227-71003-31 untl exh)	1	C,D
-20	UG23D/U		JACK, (station 215 disconnect)	1	*2
-21	202-71003		CABLE ASSY, Radio antenna co-axial (station 215 disconnect to station 225.75 disconnect)	1	*2
-22	UG21D/U		. PLUG, (station 215 disconnect)	1	*2
-23	UG575/U		. PANEL JACK, (station 225.75 disconnect)	1	*2
-24	AN365-1032		NUT	2	C,D,*2
-25	AN520-10R7		SCREW	2	C,D,*2
-26	202-71004	*4	BRACKET, Radio antenna cable quick disconnect fwd	1	C,D,*2
	202-710010	*5	BRACKET, Quick disconnect cable UHF radio & AN/ARN21 TACAN antenna fwd	1	
-27	AN365-440		NUT	4	C,D,*2
-28	AN515-4R6		SCREW	4	C,D,*2

(Nomenclature continued on next page)

FUSELAGE RADIO (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
339-29	AP2-11	*7	.	PANEL, Closeout (North American)	1	
-30	MS25123-1-12	*7	.	TERMINAL BLOCK ASSY	1	
-31	MS25123-1-12	*7	.	TERMINAL BLOCK ASSY	1	
	379-12	*7	.	COVER, Terminal block (Henry Engineering)	2	
-32	59C76768	*7	.	WIRE HARNESS, AN/ARC27 UHF radio quick manual tuner	1	
-33	MS3108R24-7S	*7	. .	PLUG, (receiver-transmitter disconnect)	1	
-34	MS3108R24-5S	*7	. .	PLUG, (receiver-transmitter disconnect)	1	
-35	59C76767	*7	.	WIRE HARNESS, AN/ARC27 UHF radio quick manual tuner	1	
-36	CA06ER24-28S	*7	. .	PLUG, (Cannon) (bulkhead disconnect fus sta 112 LH)	1	
-37	59C76769	*7	.	WIRE HARNESS, AN/ARC27 UHF radio quick manual tuner	1	
-38	CA3100ER24-28P	*7	. .	RECEPTACLE, (Cannon) (bulkhead disconnect fus sta 112 LH)	1	
-39	MS24021-1	*7	. .	PLUG, (tuner disconnect)	1	
-40	C1904/ARC27	*7	.	CONTROL, Radio (GFAE)	1	
-41	59B76776	*7	.	BRACKET, Radio control set	1	
-42	172-31823			SHROUD ASSY, Cockpit enclosure instrument panel (see fig. 105)	Ref	

*1 Used on airplanes noted when reworked per T.O. 1F-86-219.
*2 Used on airplanes 51-13170 thru 53-1228 that have been modified per T.O. 1F-86-219.
*3 Relocated whn modified per T.O. 1F-86F-532.
*4 Removed from airplanes modified per T.O. 1F-86F-532.
*5 Used on airplanes modified per T.O. 1F-86F-532.
*6 Not used on airplanes modified per T.O. 1F-86F-535.
*7 Used on airplanes modified per T.O. 1F-86F-535.

USEABLE ON CODE: A 51-13170 and subs C 55-3816 thru 55-3975
B 51-13170 thru 53-1228 D 55-3976 and subs

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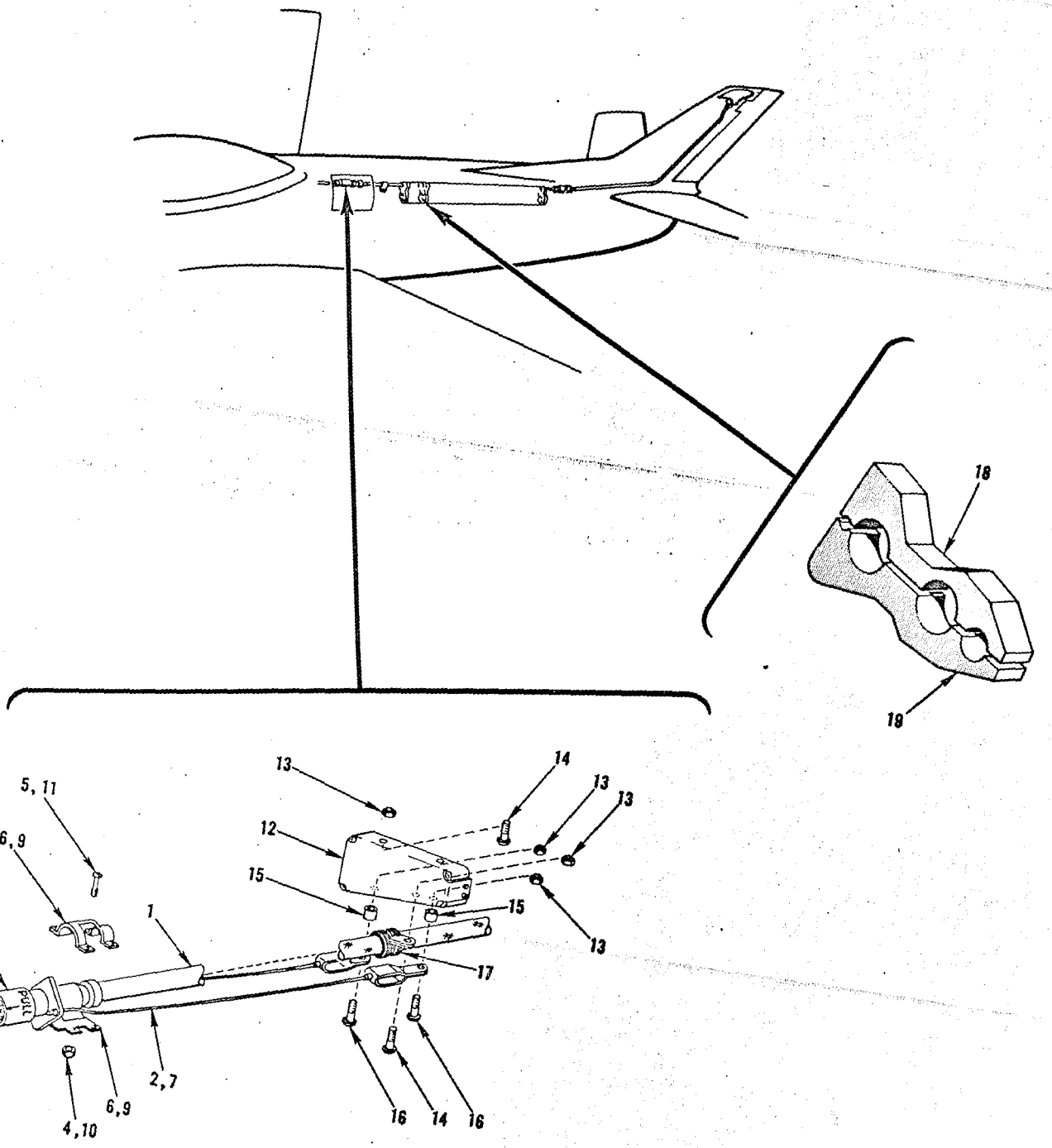
FUSELAGE RADIO (Cont)



F-81F-4-71-7

FIGURE 340 - AN/ARC27 RADIO EQUIPMENT (AFT)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
340	170-71001		RADIO EQUIPMENT INSTALLATION, Fuselage complete (aft of . . . . station 235.894)	NP	A
-1	176-71009-6		. CABLE ASSY, AN/ARC27 radio uhf co-axial (station 225.75 . . disconnect to vertical stabilizer disconnect)	1	B,*1
	227-71003-11		. CABLE ASSY, AN/ARC27 radio uhf co-axial (station 225.75 . . disconnect to vertical stabilizer disconnect) (when exh use Univox cable 71227A124)	1	C
	227-71003-41		. CABLE ASSY, AN/ARC27 radio uhf co-axial (station 225.75 . . disconnect to vertical stabilizer disconnect) (when exh use Univox cable 71227A124)	1	D
	176-71009-7		. . CABLE, AN/ARC27 radio uhf co-axial (altered from Amer. . Phenolic 21-699) (127 1/2 inches)	1	B,*1
	227-71003-13		. . CALBE, AN/ARC27 radio uhf co-axial (RG87A/U 124 inches .	1	C
	227-71003-43		. . CABLE, AN/ARC27 radio uhf co-axial (RG87A.U 124 inches .	1	D
	UG21C/U		. . PLUG, (vertical stabilizer disconnect plug)	1	B
	UG21D/U		. . PLUG, (vertical stabilizer disconnect plug)	1	C
	82-312		. . PLUG, (Amer. Phenolic) (vertical stabilizer disconnect .. plug)	1	D
-2	202-71006		. . CONNECTOR ASSY, Radio antenna cable quick disconnect . .	1	C,D
-3	UG574/U		. . . CONNECTOR	1	C,D
-4	AN365-440		. . NUT	4	C,D
-5	AN515-4R6		. . SCREW	4	C,D
-6	5C12		. . CLAMP, Co-axial cable connector (North American)	2	C,D
	71227A124		. CABLE ASSY, (Univox) (21-699 124 inches) (use 227-71003-11 . or 227-71003-41 untl exh)	1	C,D
-7	202-71006		. CONNECTOR ASSY, Radio antenna cable quick disconnect	1	B,*2
-8	UG574/U		. . CONNECTOR	1	B,*2
-9	5C12		. CLAMP, Co-axial cable connector (North American)	2	B,*2
-10	AN365-440		. NUT	4	B,*2
-11	AN515-4R6		. SCREW	4	B,*2
-12	202-71005	*3	. BRACKET, Radio antenna cable quick disconnect aft	1	C,D,*2
	202-710012	*4	. BRACKET, Quick disconnect cable UHF radio & AN/ARN21 . . . . TACAN antenna aft	1	
-13	AN365-1032		. NUT.	5	C,D,*2
-14	AN520-10R7		. SCREW	3	C,D,*2
-15	NAS43DD3-16		. SPACER, Screw and bolt	2	C,D,*2
-16	AN520-10R12		. SCREW	2	C,D,*2
-17	MS21919DG7		. CLAMP	1	C,D,*2
-18	140-71059-3		. CLAMP, Co-axial cable.	8	A
-19	140-71059-5		. CLAMP, Co-axial cable.	8	A

*1 Used on airplanes noted when reworked per T.O. 1F-86-219.
*2 Used on airplanes 51-13170 thru 53-1228 that have been modified per T.O. 1F-86-219.
*3 Removed from airplanes modified per T.O. 1F-86F-532.
*4 Used on airplanes modified per T.O. 1F-86F-532.

USABLE ON CODE: A 51-13170 and subs
B 52-13170 thru 53-1228
C 55-3816 thru 55-3975
D 55-3976 and subs

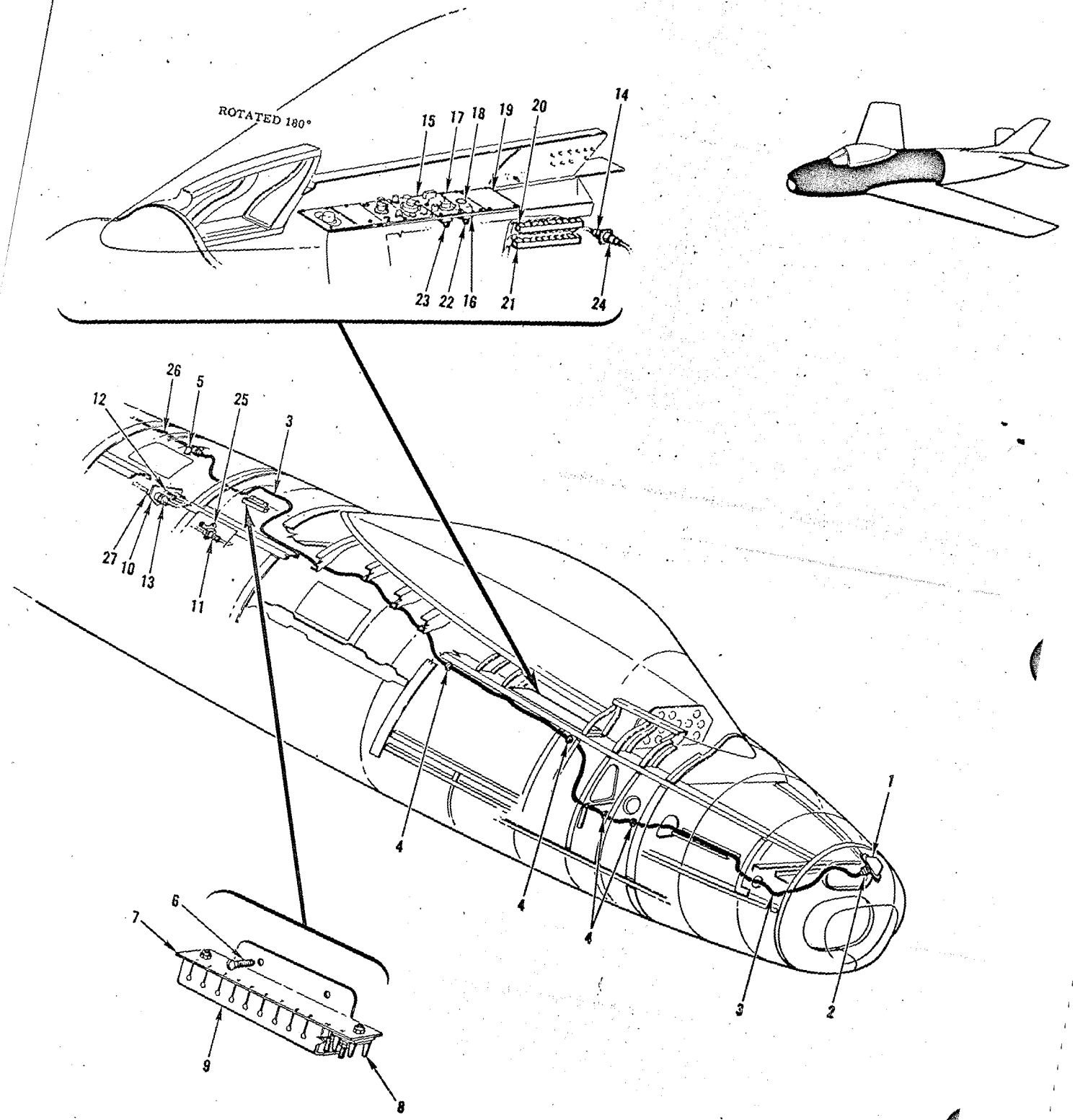


FIGURE 340A - AN/ARN21 TACAN FWD RADIO EQUIPMENT INSTALLATION (MODIFICATION)

F-86F-4-71-8

FUSELAGE RADIO (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
340A	202-050008	*1	RADIO EQUIPMENT INSTL, AN/ARN21 TACAN fwd (Modification) (see figure 335 for next assy)	NP	
-1	AT741/A	.	ANTENNA, (Electronic Specialty) (Spec MIL-A25708)	1	
	AN507-632R6	.	SCREW	6	
-2	UG212C/U	.	ADAPTER	1	
-3	71202B320	.	CABLE ASSY, (Univox)	1	
-4	MMC-G51H-A	.	GROMMET, (Nylon Molding Corp)	4	
-5	202-710010	.	BRACKET, Quick disconnect cable UHF radio & AN/ARN21 TACAN antenna fwd	1	
	AN520-10R7	.	SCREW	3	
	AN365-1032	.	NUT	3	
-6	AN520-10R6	.	SCREW	2	
	AN365-1032	.	NUT	2	
-7	202-71021	.	BRACKET ASSY, Radio AN/ARN21 fus sta 209 terminal strip mounting	1	
-8	AN3435-1-11	. .	TERMINAL BLOCK ASSY	1	
	5S7-3-12-1-11	. .	STRIP, (North American)	1	
-9	397-11	.	COVER, (Henry Engineering)	1	
-10	202-71016	.	BRACKET, Radio disconnect receptacle mounting, assy of	1	
	AN520-10R8	.	SCREW	3	
	2W1AL13-14-64	.	WASHER, (North American)	3	
	AN365-1032	.	NUT	3	
	202-710011-21	.	WIRING HARNESS ASSY, Kit, AN/ARN21 TACAN radio	1	
-11	MS25183-14S7S	. .	CONNECTOR, (turbine shut-off disconnect)	1	
-12	MS3102A16S1S	. .	CONNECTOR, (sta 215.12 disconnect)	1	
-13	MS3102A28-21S	. .	CONNECTOR, (sta 215.12 disconnect)	1	
	202-710011-31	.	WIRING HARNESS ASSY, Kit, AN/ARN21 TACAN radio	1	
-14	MS25183-28-21P	. .	CONNECTOR, (pressure disconnect)	1	
-15	C1763/ARN21A	.	PANEL, Control (GFAE) (AERNO 81-2304) (intrch wth C866/ARN21)	1	
-16	CV279-ARN	.	PHASE DETECTOR, (GFAE) (AERNO 81-6857)	1	
-17	202-71018	.	PANEL, Radio CV279/ARN phase adapter, assy of	1	
	PFSC3 1/2-38	. .	FASTENER ASSY, (DZUS)	4	
-18	SS48164	. .	PLUG BUTTON, (United-Carr)	1	
-19	227-71007-21	.	PANEL, Right hand radio console, assy of	1	A
	227-71007-31	.	PANEL, Right hand radio console, assy of	1	B
	PFSC3 1/2-38	. .	FASTENER ASSY, (DZUS)	1	
-20	AN3436-1-15	.	TERMINAL BLOCK ASSY	1	
	5S7-3-13-1-15	.	STRIP, (North American)	1	
	202-71020	.	RESISTOR, Radio AN/ARN21 TACAN, assy of	1	
	RC20GF470J	. .	RESISTOR, (International Resistance) (Spec MIL-R11)	1	
	397-15	.	COVER, (Henry Engineering)	1	
-21	AN3436-1-15	.	TERMINAL BLOCK ASSY	1	
	5S7-3-1-16-1-15	.	INSULATOR, (North American)	1	
	202-71020-11	.	RESISTOR, Radio AN/ARN21 TACAN, assy of	1	
	RC20GF511J	. .	RESISTOR, (International Resistance) (Spec MIL-R11)	1	
	397-15	.	COVER, (Henry Engineering)	1	
	202-710011-41	.	WIRING HARNESS ASSY, Kit, AN/ARN21 TACAN radio	1	
-22	MS25183-18-1S	. .	CONNECTOR, (Phase detector)	1	
-23	MS25183-21-27P	. .	CONNECTOR, (radio control set)	1	
-24	MS3102C28-21S	. .	CONNECTOR, (Pressure disconnect)	1	
-25	202-54023		BRACKET, Turbine shut-off valve elec disconnect, assy of (see figure 340C)	Ref	
-26	71202B180		CABLE, (Univox) (see figure 340B)	Ref	
-27	MS25183-28-21P		CONNECTOR, (Pressure disconnect) (see figure 340B)	Ref	

*1 Used on airplanes modified per T. O. 1F-86F-532

USEABLE ON CODE: A 55-4983 thru 55-5047
B 51-2850 thru 55-4030

FUSELAGE RADIO (Cont)

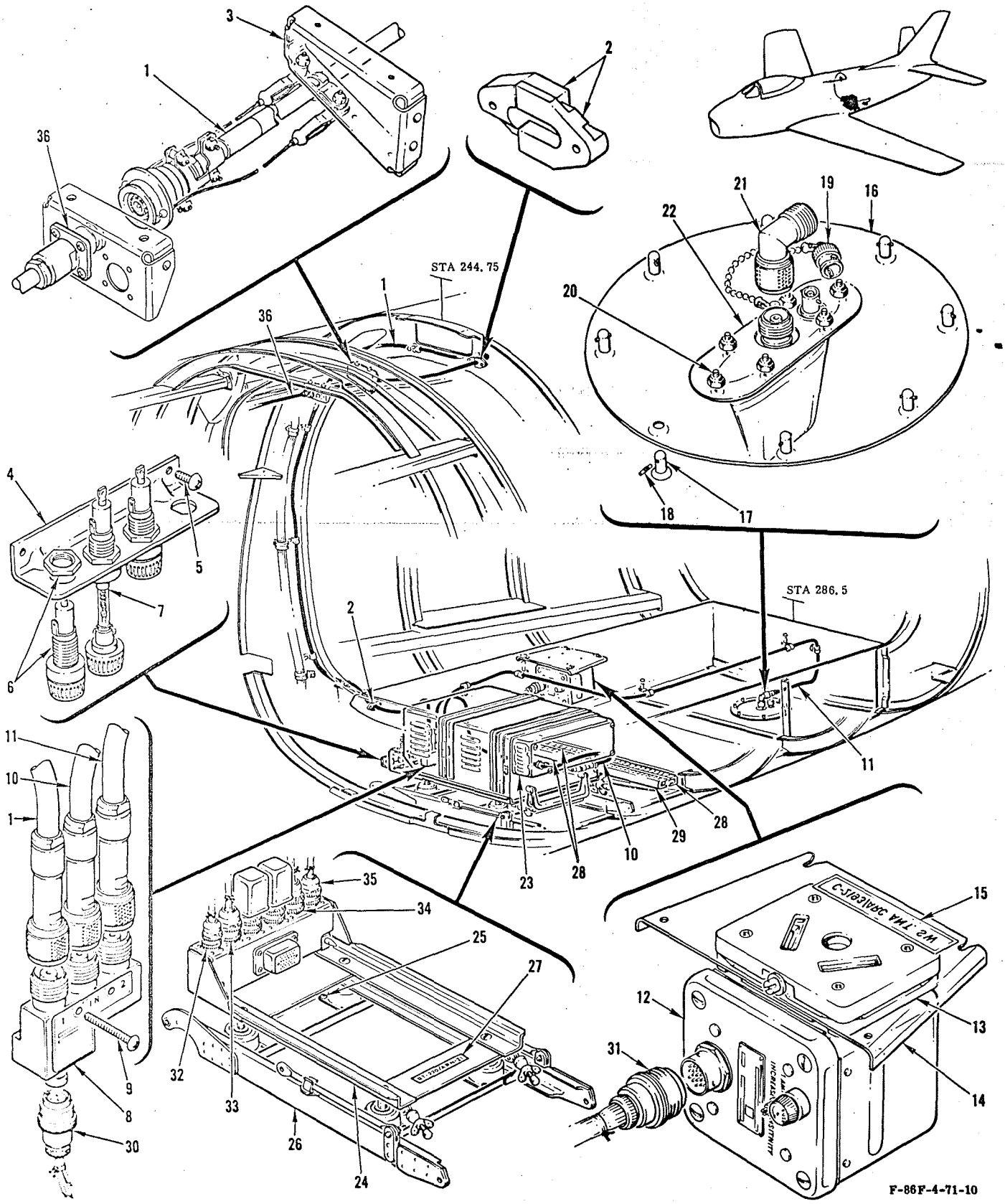


FIGURE 340B - AN/ARN21 TACAN AFT RADIO EQUIPMENT INSTALLATION (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
340B	202-050009	*1	RADIO EQUIPMENT INSTL, AN/ARN21 TACAN aft (modification) (see figure 335 for next assembly)	NP	
-1	71202B180		CABLE ASSY, (UNIVOX)	1	
-2	165-54223		FAIRLEAD, Adjustable elec 350 F Low Load	4	
	AN515-6R14		SCREW	8	
	2W18-6		WASHER, (North American)	8	
-3	202-710012		BRACKET, Quick disconnect cable UHF radio & AN/ARN21 TACAN antenna aft	1	
-4	202-71019		BRACKET, AN/ARN21 radio fuse	1	
-5	AN515-8R7		SCREW	2	
-6	HKP-H		HOLDER, (Spare fuse) (Bussman)	1	
-7	MDX5		FUSE, 5 amp (Bussman)	2	
-8	2M-SHN28P		SWITCH, Lobing (Electronic specialty)	1	
-9	AN515-8R20		SCREW	2	
-10	71202B20		CABLE ASSY, (UNIVOX)	1	
-11	71202B75		CABLE ASSY, (UNIVOX)	1	
-12	C2193/A		SWITCH, Antenna selector (Spec MIL-S25878)	1	
-13	MT1932A		MOUNT, Antenna selector (Spec MIL-S25878)	1	
-14	202-31317		SUPPORT, Fus sta 262.75 to 274.50 antenna switch	1	
-15	1D149-141		DETAIL MARKING, Electronic equipment	1	
-16	202-312154		DOOR, Radio antenna fus sta 280.062, assy of	1	
-17	98265-2-.200		. STUD, (United-Carr)	8	
-18	99836		. PIN, (United-Carr)	8	
-19	CW123A/U		. CAP ASSY, (Spec MIL-C3608)	1	
-20	AN507-632R8		SCREW	6	
	AN365-632		NUT	6	
-21	UG212C/U		ADAPTER, (Spec MIL-C3643)	1	
-22	AT741/A		ANTENNA, (Electronic specialty) (Spec MIL-A25708)	1	
-23	RT220/ARN21		RECEIVER TRANSMITTER, Radio	1	
-24	MT928/ARN21		MOUNT, Receiver transmitter	1	
-25	AN520-10R10		SCREW	8	
	AN365-1032		NUT	8	
-26	202-31310		SUPPORT, RT220/ARN21 receiver transmitter, assy of	1	
	AN4-7		BOLT	2	
	2W18-416M		WASHER, (North American)	2	
	AN365-428		NUT	2	
-27	1D149-65		DETAIL MARKING, Electronic equipment	1	
-28	AN3436-1-15		TERMINAL BLOCK ASSY	4	
	AN3434-1		STRIP	4	
	AN3434-2		STRIP	8	
	5S7-3-16-1-15		STRIP, (North American)	4	
	202-71020-21		RESISTOR, Radio AN/ARN21 TACAN, assy of	1	
	RC20GF334J		. RESISTOR, (International Resistance) (Spec MIL-R11)	1	
-29	397-15		COVER, (Henry Engineering)	4	
	202-71011-1		WIRING HARNESS ASSY, Kit AN/ARN21 TACAN radio	1	
-30	DM9700-3S		. CONNECTOR, (antenna switch) (Deutsch)	1	
-31	DM9700-19S		. CONNECTOR, (antenna selector) (Deutsch)	1	
-32	MS25183-18-9S		. CONNECTOR, (receiver transmitter)	1	
-33	MS25183-22-14P		. CONNECTOR, (receiver transmitter)	1	
-34	MS25183-22-14S		. CONNECTOR, (receiver transmitter)	1	
-35	MS25183-18-1P		. CONNECTOR, (receiver transmitter)	1	
-36	71202B320		CABLE ASSY, (UNIVOX) (see figure 340A)	Ref	

*1 Used on airplanes modified per T.O. 1F-86F-532.

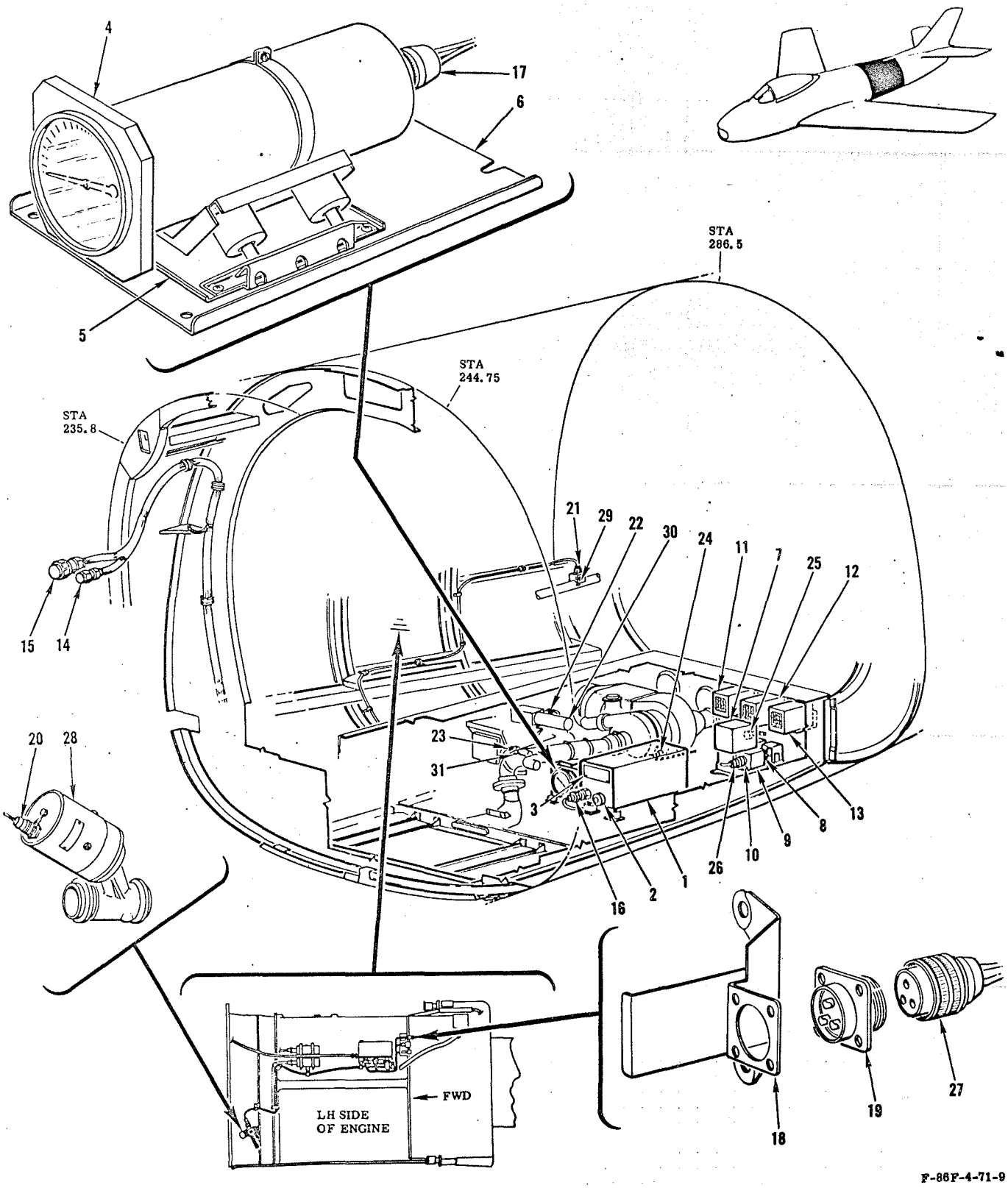
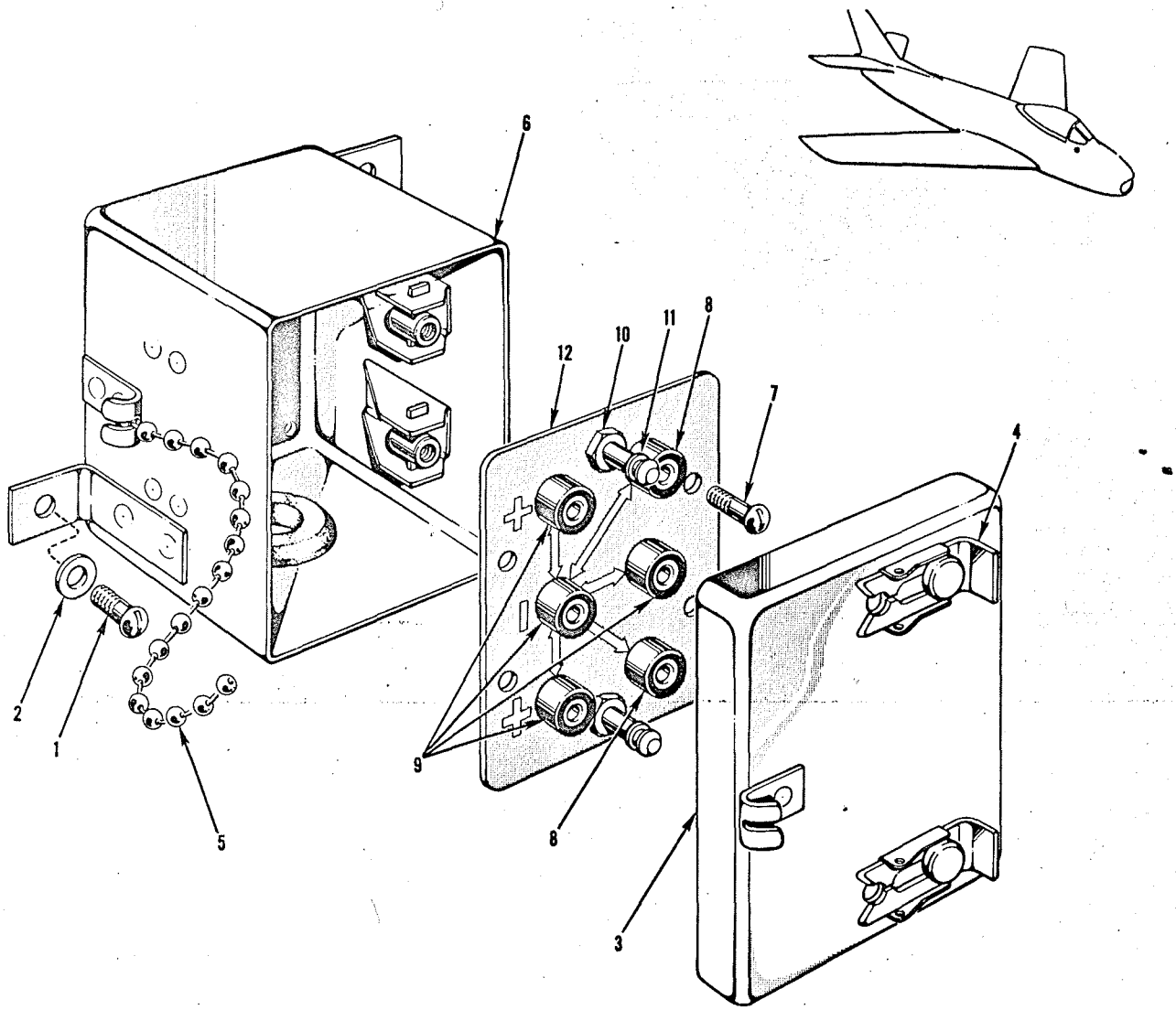


FIGURE 340C - AN/ARN21 TACAN AFT RADIO EQUIPMENT INSTALLATION (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
340C	202-050009	*1 RADIO EQUIPMENT INSTL, AN/ARN21 TACAN aft (modification) . . . (see figure 335 for next assy and 340B for additional bkdn)	NP	
-1	No Number	. AMPLIFIER, Compass (Type ME1)	1	
-2	2322-4	. CAP, Dust (Cannon).	1	
-3	1D149-80	. DETAIL MARKING, Electronic equipment.	1	
-4	ID307/ARN	. INDICATOR, Course	1	
-5	90014	. MOUNT, Course indicator (Barry Controls).	1	
-6	202-31314-11	. SUPPORT, Fus sta 262.70 to 274.50 ID307/ARN . . . . . (course indicator)	1	
-7	546234	. CONTROL, Overspeed (Hamilton Standard).	1	
	AN515-8R40	. SCREW	2	
	2W18-8	. WASHER, (North American).	2	
-8	916-1	. CONTROL, Aft radio compartment cooling (United Control Corp)	1	
	AN520-10R8	. SCREW	4	
	AN365-1032	. NUT	4	
-9	202-31313	. SUPPORT, fus sta 274.50 to 286.50 temp control box	1	
	AN520-10R8	. SCREW	2	
-10	1D149-140	. DETAIL MARKING, Electronic equipment.	1	
-11	MS25024-2	. RELAY, (overspeed valve transfer)	1	
-12	MS25024-2	. RELAY, (ram air valve grd lockout).	1	
-13	MS25024-2	. RELAY, (overheat valve transfer).	1	
	202-710011-11	. WIRING HARNESS ASSY, Kit AN/ARN21 TACAN radio	1	
-14	MS25183-16S1P	. . CONNECTOR, (fus sta 218 disconnect).	1	
-15	MS25183-28-21P	. . CONNECTOR, (fus sta 218 disconnect).	1	
	202-710011-1	. WIRING HARNESS ASSY, Kit AN/ARN21 TACAN radio	1	
-16	MS25183-20-27S	. . CONNECTOR, (ME1 amplifier)	1	
-17	MS25183-28-21S	. . CONNECTOR, (ID307/ARN indicator)	1	
-18	202-54023	. BRACKET, Turbine shut-off valve elec disconnect, assy of. .	1	
	202-420076	. WASHER, Flat engine flange to disconnect bracket attaching.	4	
	202-540020-71	. WIRING HARNESS ASSY, Kit AN/ARN21 TACAN elec.	1	
-19	MS3102A14S7P	. . CONNECTOR, (Turbine air valve disconnect).	1	
-20	MS25183-10SL3S	. . CONNECTOR, (Turbine shut-off valve).	1	
	202-540020-61	. WIRING HARNESS ASSY, Kit AN/ARN21 TACAN elec.	1	
-21	AN3106E14S2S	. . CONNECTOR, (ram air sensing element)	1	
-22	MS25183-10SL3S	. . CONNECTOR, (ram air valve)	1	
-23	AN3106E14S2S	. . CONNECTOR, (overheat sensing element).	1	
-24	MS25183-10SL4S	. . CONNECTOR, (magnetic pick-up).	1	
-25	MS25183-16S1S	. . CONNECTOR, (overspeed control)	1	
-26	AN3106E20-27S	. . CONNECTOR, (cooling control unit).	1	
-27	MS25183-14S7S	CONNECTOR, (Turbine shut-off disconnect) (see figure 340A) . .	Ref	
-28	4125-70	VALVE, (Transco Products) (see figure 433)	Ref	
-29	914-1	DETECTOR ASSY, Ram air cooling effect (United Control. . . . . Corp) (see figure 394A)	Ref	
-30	2020-21	VALVE, (Transco Products) (see figure 394A).	Ref	
-31	915-1	DETECTOR ASSY, Overheat cooling effect (United Control . . . . Corp) (see figure 394A)	Ref	

*1 Used on airplanes modified per T. O. 1F-86F-532



176-74-6

FIGURE 341 - RADAR AND GUNSIGHT VOLTAGE TEST PANEL AND JUNCTION BOX ASSEMBLIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
341		RADAR & GUNSIGHT VOLTAGE TEST PANEL & JUNCTION BOX ASSEMBLIES		
	151-74081	. BOX ASSEMBLY, Radar and gunsight voltage check junction (see figure 330 for next assembly)	Ref	
		ATTACHING PARTS		
-1	AN515-8R10	. SCREW	2	
-2	AN960D10	. WASHER, (2 washers outboard, 1 washer inboard)	3	
		---*---		
-3	151-74108	. . COVER ASSY, Radar and gunsight volt test junction box	1	
-4	AN3195-4	. . . FASTENER	2	
-5	151-74081-5	. . CHAIN, Radar and gunsight volt test junction box (altered from North American 9C1-1-5)	1	
-6	151-74081-3	. . BOX, Radar and gunsight volt test junction (altered from North American 7B1-14)	1	
	151-74083	. PANEL ASSY, Radar and gunsight voltage test (see fig. 292)	1	
		ATTACHING PARTS		
-7	AN515-8R7	. SCREW	5	
		---*---		
-8	1861	. . JACK, Phone (red) (Amer. Radio Hardware)	2	
-9	1861	. . JACK, Phone (black) (Amer. Radio Hardware)	4	
	2W1AL22-16-32	. . WASHER, Plain (North American)	6	
-10	AN340-8	. . NUT	4	
-11	AN3199-4	. . STUD	2	
-12	151-74083-3	. . PANEL, Radar and gunsight voltage test	1	

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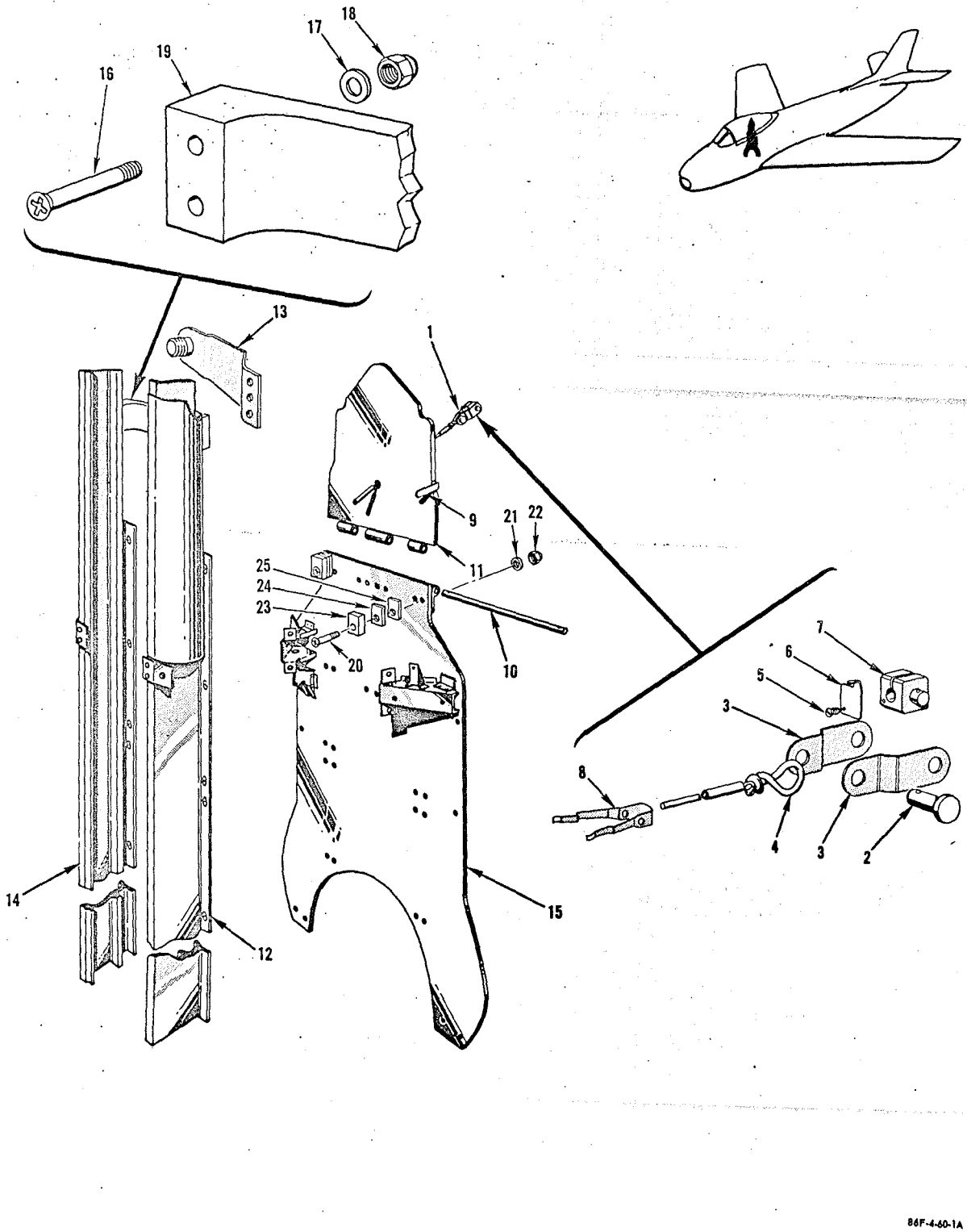


FIGURE 342 - PILOT'S REAR ARMOR PLATE

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
342	151-73501-70		PLATE INSTL, Pilot's rear armor (see fig. 108 for next assy) . .	NP	G
	151-73501-80		PLATE INSTL, Pilot's rear armor (see fig. 108 for next assy) . .	NP	E,F
-1	151-53010-10	*3	. RELEASE ASSEMBLY, Ejection seat catapult safety pin	1	A
	172-53010	*3	. RELEASE ASSEMBLY, Ejection seat catapult safety pin	1	A,*1
-2	AN393-9	*3	. . PIN.	1	A
	AN393-17	*3	. . PIN.	1	*1
-3	151-53005	*3	. . YOKE, Ejection seat catapult safety pin.	2	A
	172-53005	*3	. . YOKE, Ejection seat catapult safety pin.	2	A,*1
-4	No Number	*3	. . PIN, Pilot's ejection seat catapult safety (AF dwg ALX3-11)	1	A,*2
-5	172-53010-3	*3	. . PIN, Ejection seat catapult safety	1	A,*1
-6	151-53006	*3	. . RETAINER, Ejection seat catapult pin disconnect.	1	A,*1
-7	151-53007	*3	. . BLOCK, Ejection seat catapult pin disconnect	1	A,*1
-8	172-53063-10	*3	. . CLIP, Seat catapult safety pin retaining	1	A,*1
-9	151-73509	*4	. BRACKET, Pilot's head armor plate retaining	1	
	227-530023-3	*5	. BRACKET, Support, pilot's head armor plate.	1	
-10	151-7309		. PIN, Pilot's head armor hinge	1	
-11	151-73507		. PLATE ASSEMBLY, Pilot's head armor.	1	
-12	170-53065-11		. RAIL ASSEMBLY, Pilot's ejection seat guide LH	1	A,B,C
	170-53065-31		. RAIL ASSEMBLY, Ejection seat guide LH	1	D
-13	202-53093		. . SUPPORT ASSY, Ejection seat automatic lap safety belt release . .	1	D
-14	170-53065-2		. RAIL ASSEMBLY, Pilot's ejection seat guide RH	1	A
	170-53065-20		. RAIL ASSEMBLY, Pilot's ejection seat guide RH	1	B,C,D,E
	170-53065-32		. RAIL ASSEMBLY, Pilot's ejection seat guide RH	1	F
-15	152-73521		. PLATE ASSY, Pilot's rear armor fuselage station 117.562 . . .	1	
-16	NAS1203-15	*5	. SCREW	4	
-17	LD153-0002-1403	*5	. WASHER, (North American).	4	
-18	MS21042L3	*5	. NUT	4	
-19	227-530022-3	*5	. BEAM, Seat ejection rail.	1	
-20	7S37-6A22	*5	. SCREW, (North American)	2	
-21	LD153-0011-0017	*5	. WASHER, (North American).	2	
-22	MS21042L6	*5	. NUT	2	
-23	227-530022-5	*5	. SPACER, Seat ejection rail.	AR	
-24	227-530022-7	*5	. SPACER, Seat ejection rail.	AR	
-25	227-530022-9	*5	. SPACER, Seat ejection rail.	AR	

*1 Used on airplanes modified per T.O. 1F-86-108B.
*2 Refer to T.O. 1F-86-161.
*3 Not used on airplanes 51-2850 thru 53-1228 modified per T.O. 1F-86-227.
*4 Not used on airplanes modified per T.O. 1F-86-600.
*5 Used on airplanes modified per T.O. 1F-86-600, refer to mod dwg 227-053002.

USEABLE ON CODE:
A 51-2850 thru 51-12976 & 51-13070 thru 51-13129
B 51-13130 thru 52-5530
C 53-1072 thru 53-1096
D 53-1097 thru 53-1228
E 55-3816 thru 55-3875
F 55-3876 and subs
G 51-2850 thru 53-1228

FUSELAGE ARMAMENT (Cont)

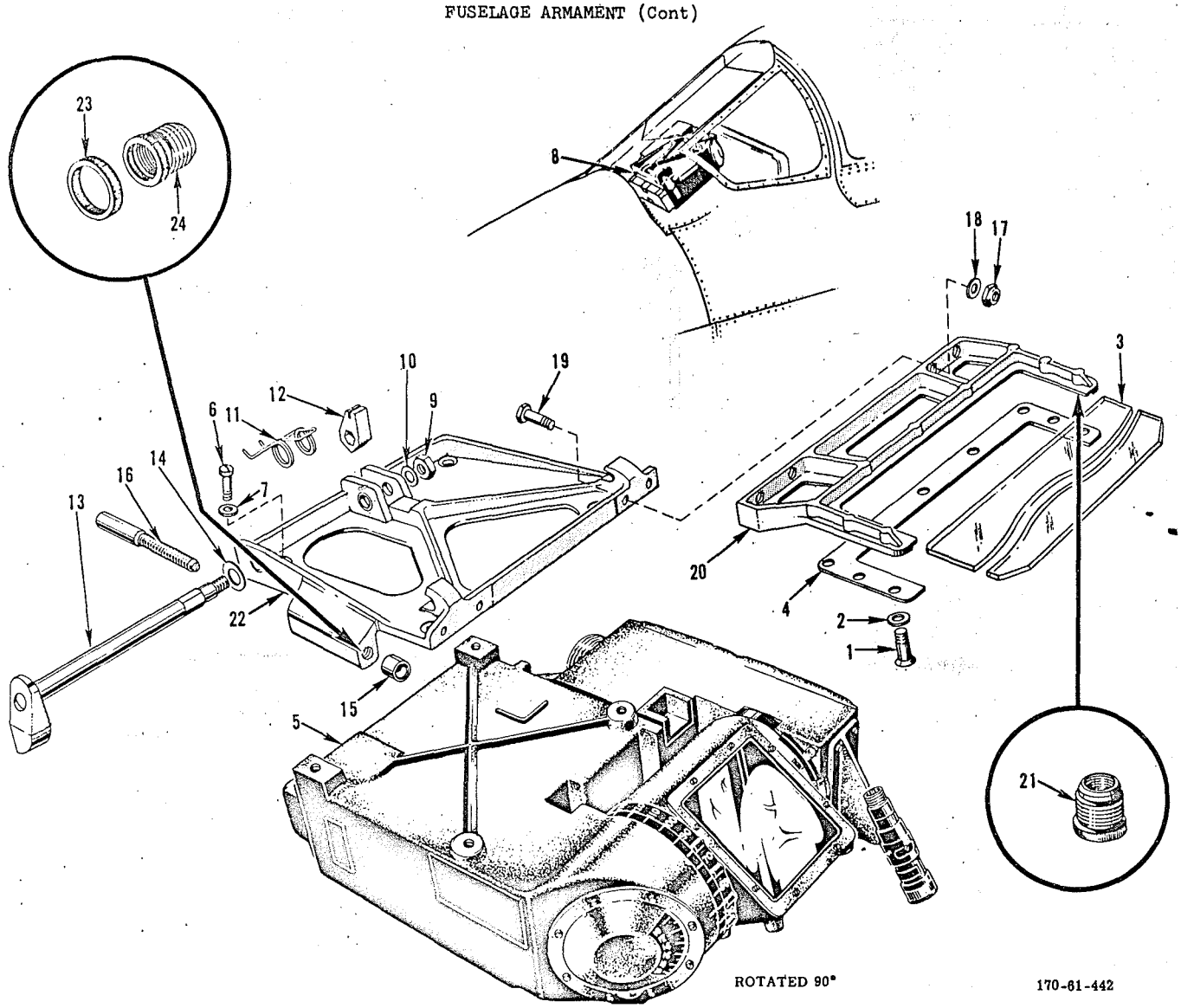


FIGURE 343 - A1CM GUN BOMB ROCKET SIGHT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
343	172-61601	SIGHT INSTL, A1CM gun bomb rocket	NP	A
-1	NAS220-7	. SCREW, Brazier head Phillips recess alloy steel 8-32	9	A
-2	2W1-11-15-32	. WASHER, Plain (North American)	9	A
-3	172-61616	. GLASS, A1CM gunsight reflector	1	A
-4	172-61617	. RETAINER ASSEMBLY, A1CM gunsight reflector glass	1	A
-5	665096	. HEAD, Type A1CM gun bomb rocket sight (GFAE) (Sperry)	1	A
	ATTACHING PARTS			
-6	AN503-416-10	. SCREW	4	A
-7	AN960D416	. WASHER	4	A
	---*---			
-8	172-61605	. ADAPTER ASSEMBLY, Sight head mounting	1	A
-9	AN320-4	. . NUT	1	A
-10	2W1-16-16-20	. . WASHER, Plain (North American)	1	A
-11	170-61612	. . SPRING, Gunsight bracket unlocking	1	A
-12	172-61609	. . DOG, Sight head adapter retaining	1	A
-13	172-61608	. . SHAFT ASSEMBLY, Sight head adapter locking	1	A
-14	2W1-32-24-32	. . WASHER, Plain (North American)	1	A
-15	170-61611	. . SLEEVE, Gunsight locking screw	1	A
-16	172-61611	. . SCREW, Sight head adapter locking	1	A
-17	AN365-428	. . NUT	4	A
-18	AN960D416	. . WASHER	4	A
-19	AN4-10A	. . BOLT	4	A
-20	172-61615	. . FRAME ASSEMBLY, A1CM gunsight reflector glass	1	A
-21	RSA104SM6L	. . . INSERT, (Rosan)	9	A
-22	172-61607	. . BRACKET ASSEMBLY, Gunsight head adapter	1	A
-23	RD208SH9L	. . . INSERT, (Rosan)	1	A
-24	RL38SB9	. . . RING, (Rosan)	1	A
	USEABLE ON CODE:	A 51-2850 thru 51-2943		

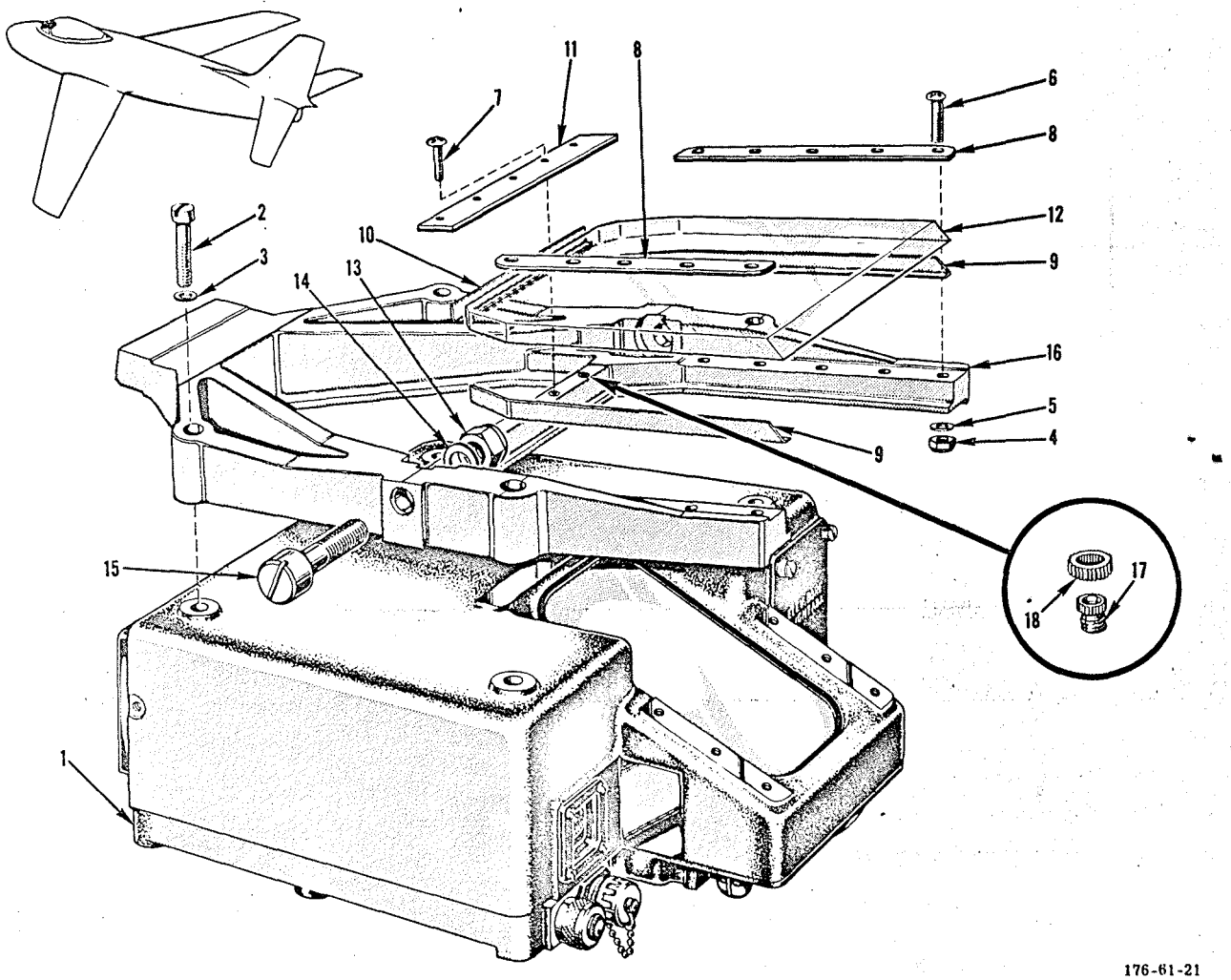


FIGURE 344 - A4 GUN BOMB ROCKET SIGHT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
344	172-69001	SIGHT INSTALLATION, A4 gun bomb rocket	NP	A
-1	667499	. HEAD, Type A4 gun bomb rocket sight (GFAE) (Sperry) (AERNO 52-5268)	1	A
		ATTACHING PARTS		
-2	AN500AC416-28	. SCREW	4	A
-3	AN960C416	. WASHER	12	A
		---*---		
	172-69002	. ADAPTER ASSY, A4 sight head mounting	1	A
-4	AN363C832	. . NUT	10	A
-5	AN960C8	. . WASHER	10	A
-6	AN515C8R18	. . SCREW	10	A
-7	AN515C8R8	. . SCREW	5	A
-8	172-61667-10	. . RETAINER ASSY, A4 gun sight reflector lower	2	A
-9	172-69002-3	. . GASKET, A4 sight head mounting adapter	2	A
-10	172-69002-5	. . GASKET, A4 sight head mounting adapter	1	A
-11	172-61668	. . RETAINER ASSY, A4 gun sight reflector lower	1	A
-12	172-61666	. . GLASS, A4 gun sight reflector	1	A
-13	AN364C720	. . NUT	2	A
-14	AN960C716	. . WASHER	2	A
-15	172-69006	. . PIN, A4 sight adapter supporting	2	A
-16	172-69007	. . FRAME ASSY, A4 sight head mounting	1	A
-17	RD104SH5L	. . . INSERT, (Rosan)	5	A
-18	RL21SB6	. . . RING, (Rosan)	5	A

USEABLE ON CODE: A 51-12936 and subs

FUSELAGE ARMAMENT (Cont)

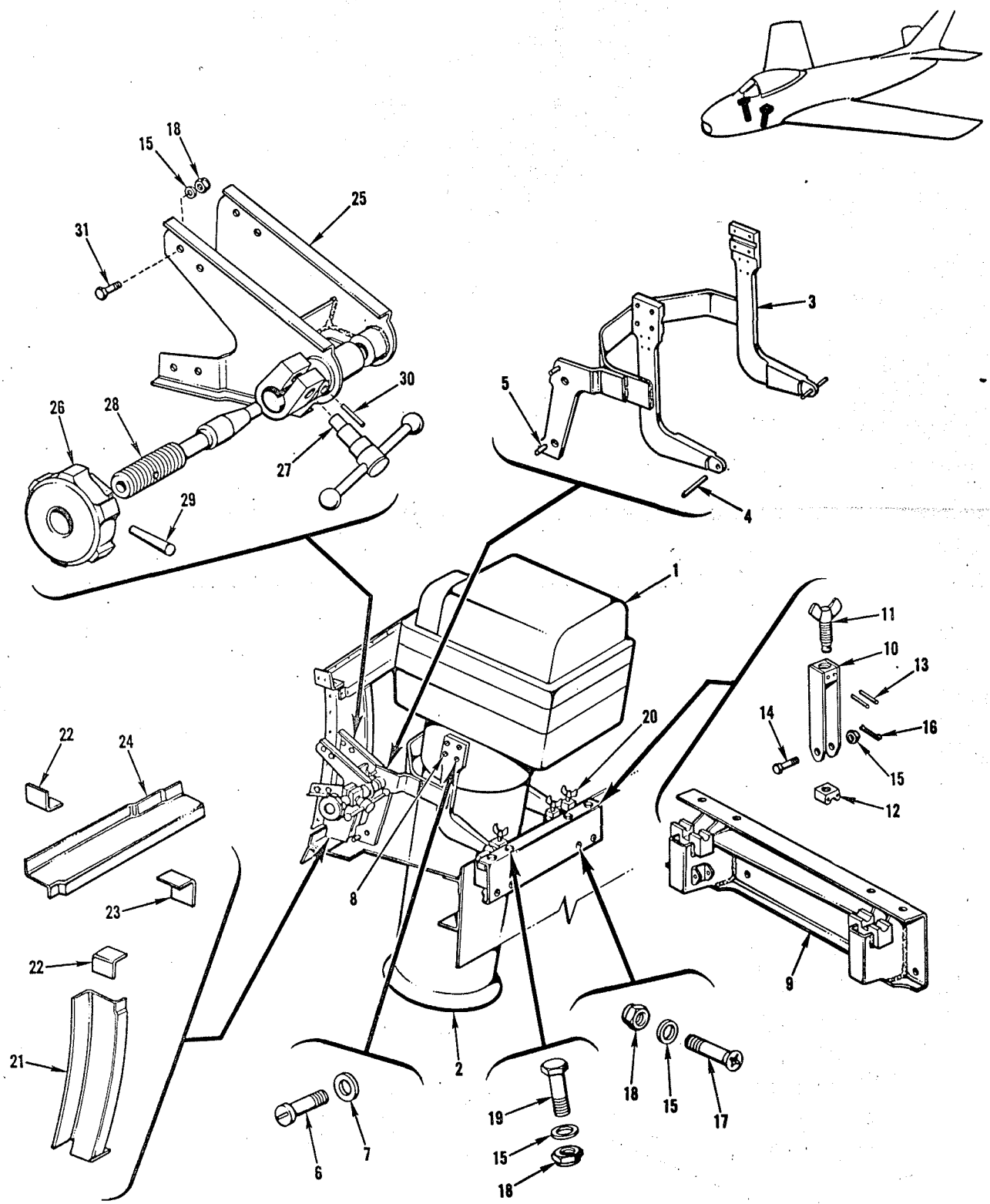


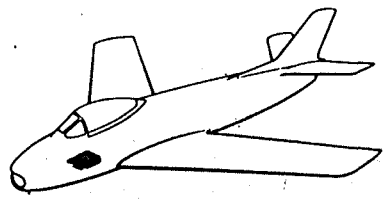
FIGURE 345 - K22 CAMERA INSTALLATION

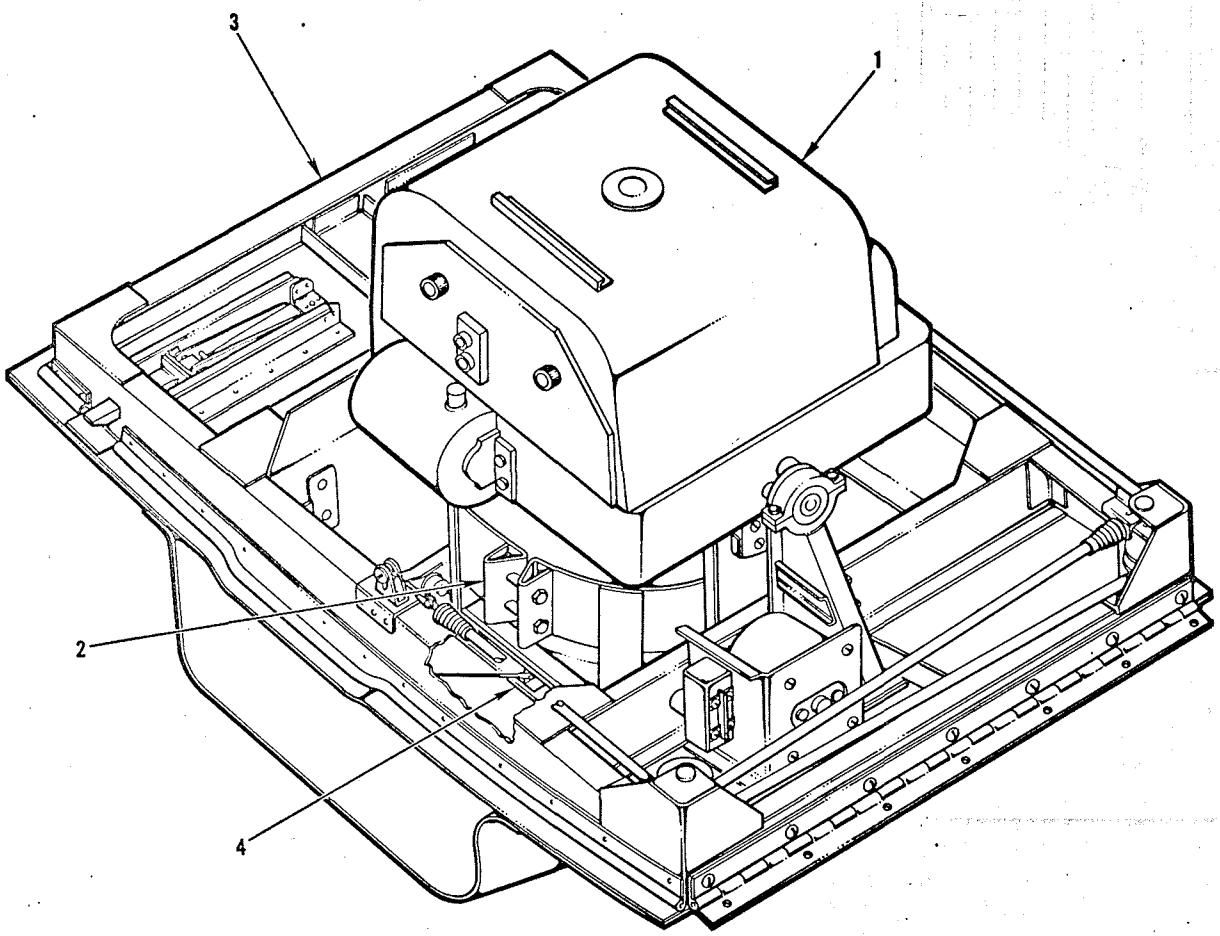
FUSELAGE ARMAMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
345	54FEK626	*2	Camera Installation, K22	NP	
-1	8400-520010	*1	. A5A Magazine (Modified as per T.O. AN10-1-145)	2	
	8400-035150	*1	. Camera K22	2	
-2	8400-166100	*1	. Cone, F5 lens, 40"	2	
-3	54FEF627L		. Support, Mount, K22 LH	1	
	54FEF627R		. Support, Mount, K22 RH	1	
-4	55FEA76		. . Pin, Support, Mount, K22	4	
-5	AN122717		. . Dowel	4	
-6	AN501A416-14		. Screw, Fillister Head	16	
-7	AN960-416L		. Washer	16	
-8	AN995F47-15		. Wire, Lock	4	
-9	55FED64L		. Support Bracket, Camera, K22 LH	1	
	55FED64R		. Support Bracket, Camera, K22 RH	1	
	55FEA75		. . Bearing Support Bracket	4	
	55FEB74		. . Catch Assembly, Support Bracket	6	
-10	55FEB71		. . . Catch, Support Bracket	6	
-11	55FEA77		. . . Pin Modification, Catch	6	
-12	55FEA78		. . . Stop, Catch	6	
-13	55FEB74-1		. . . Pin, Catch	12	
-14	AN393-27		. . Pin	6	
-15	AN960-10		. . Washer	38	
-16	AN381-2-8		. . Pin	6	
-17	AN507C1032R10		. Screw	8	
-18	AN365-1032		. Nut	32	
-19	AN3-6A		. Bolt	8	
-20	AN995F47-3		. Wire	6	
-21	54FEB631L		. Frame, Sta 94.460, Duct, Mount, K22 LH	1	
	54FEB631R		. Frame, Sta 94.460, Duct, Mount, K22 RH	1	
-22	54FEA2057		. Clip, Intercostal, K22 Fwd	4	
-23	54FEA2058		. Clip, Intercostal, K22 Aft	2	
-24	54FEC2059L		. Intercostal, Duct, Sta 92.95-100.39 LH	1	
	54FEC2059R		. Intercostal, Duct, Sta 92.95-100.39 RH	1	
	55FEC66L		. Bracket Assy, Lock, K22 Mount LH	1	
	55FEC66R		. Bracket Assy, Lock, K22 Mount RH	1	
-25	55FEC65L		. . Bracket, Lock, K22 Mount LH	1	
	55FEC65R		. . Bracket, Lock, K22 Mount RH	1	
	55FEB70L		. . . Bearing, Bracket, Lock LH	1	
	55FEB70R		. . . Bearing, Bracket, Lock RH	1	
-26	55FEB67		. . Knob, Lock Pin	2	
-27	55FEB68		. . Knob Assembly, Stop	2	
-28	55FEB69		. . Pin, Lock	2	
-29	AN385-1-10		. . Pin	2	
-30	55FEC66-1		. . Pin, Stop	2	
-31	AN3-3A		. . Bolt	16	

*1 AF Stock Numbers, Class 10-A

*2 Used on RF-86F-30 airplanes only





F-86F-4-60-7

FIGURE 346- K17 CAMERA INSTALLATION

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
346	54FEH2063	*2 K17 Installation	NP	
-1	8400-520010	*1 . A5A Magazine (Modified as per T.O. AN10-1-145)	1	
	121AR1	. Camera K17	1	
	8400-163420	. Cone, K17C, 6 in.	1	
-2	54FEC2047	. K17 Modification (See Fig.347 For Breakdown)	1	
-3	54FEJ2041	. Mount Assembly, K17 Camera (See Fig. 136For Breakdown)	1	
-4	54FEJ1505	. Sliding Door Assy, Mount, K17 (See Fig. 141 For Breakdown)	1	

*1 AF Stock Numbers, Class 10-A

*2 Used on RF-86F-30 airplanes only

FUSELAGE ARMAMENT (Cont)

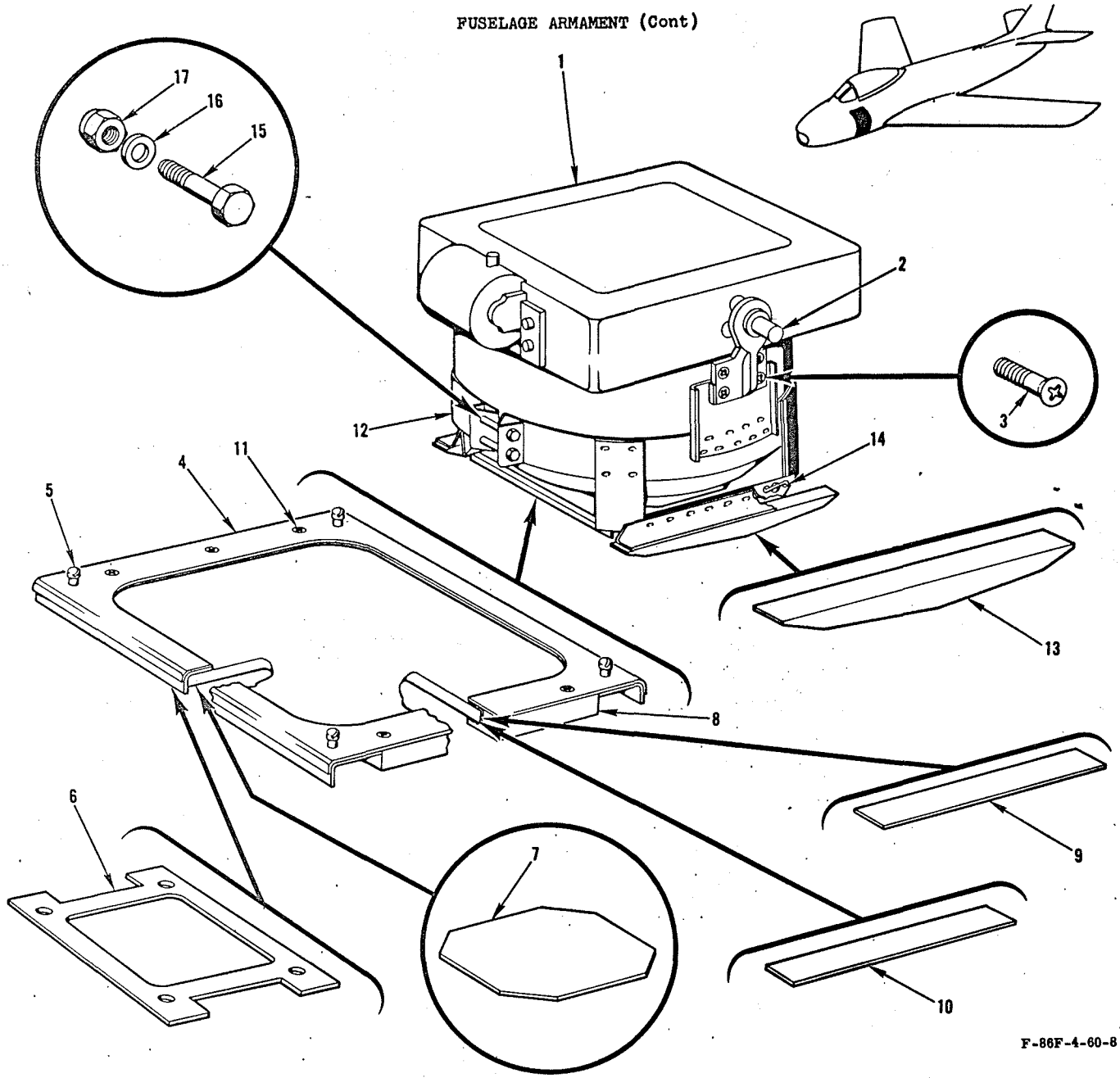


FIGURE 347 - K17 CAMERA MODIFICATION

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
347	54FEH2063	*1	K17 Installation	NP	
-1	54FEC2047		. K17 Camera Modification (See Fig. 346)	Ref	
-2	54FEB2048		. . Trunnion Modification, K17, LH	1	
	54FEB2049		. . Trunnion Modification, K17, RH	1	
-3	AN507DD1032-8		. . Screw	8	
	54FEC563		. Window Assy, K17	1	
-4	54FEC566		. . Frame, Window, K17	1	
-5	A430		. . . Stud, Cowl Fastener (Dzus)	4	
-6	54FEB569		. . Cushion, Upper, Window, K17	1	
-7	54FEB570		. . Glass, Window, K17	1	
-8	54FEA573		. . Retainer, Glass, Window, K17	2	
-9	54FEA571		. . Cushion, Side, Window, K17	2	
-10	54FEA572		. . Cushion, Lower, Window, K17	2	
-11	AN507-832-8		. . Screw	6	
-12	54FED565		. Support, Window, K17	1	
-13	54FEB568		. . Seal, Support, Window, K17	2	
-14	S4-225		. . Spring, Cowl Fastener (Dzus)	4	
-15	AN3-17A		. Bolt	2	
-16	AN960-10		. Washer	2	
-17	AN365-1032		. Nut	2	

*1 Used on RF-86F-30 airplanes only

FUSELAGE ARMAMENT (Cont)

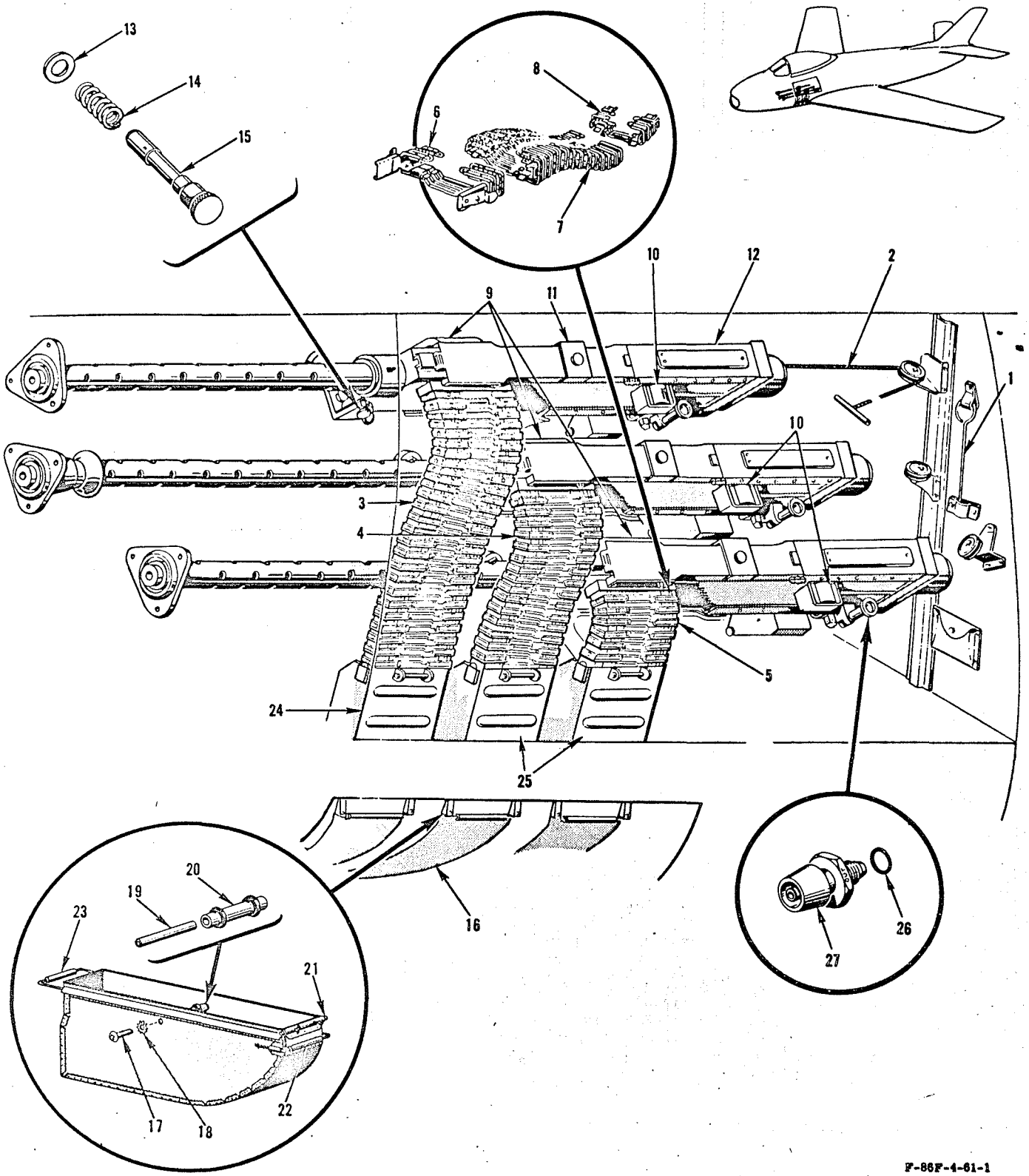


FIGURE 348 - 6 FIXED .50 CALIBER NOSE GUNS ARMAMENT

FUSELAGE ARMAMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
348	140-61031		ARMAMENT INSTL, 6 fixed .50 caliber nose guns	NP	
-1	140-61091		. HOOK, Fixed .50 caliber nose guns ammunition	2	
-2	120-615562		. CABLE ASSY, .50 caliber gun charger	2	
-3	151-61095-1		. CHUTE ASSY, 6 fixed .50 caliber nose guns feel LH (use 140-61095-1 untl exh)	1	
	151-61095-2		. CHUTE ASSY, 6 fixed .50 caliber nose guns feed RH (use 140-61095-2 untl exh)	1	
-4	151-61095-3		. CHUTE ASSY, 6 fixed .50 caliber nose guns feed LH (use 140-61095-3 untl exh)	1	
	151-61095-4		. CHUTE ASSY, 6 fixed .50 caliber nose guns feed RH (use 140-61095-4 untl exh)	1	
-5	151-61095-5		. CHUTE ASSY, 6 fixed .50 caliber nose guns feed LH (use 140-61095-5 untl exh)	1	
	151-61095-6		. CHUTE ASSY, 6 fixed .50 caliber nose guns feed RH (use 140-61095-6 untl exh)	1	
-6	LB3A		. . END, Bayonet box LH (Hughes)	1	
	RB3A		. . END, Bayonet box RH (Hughes)	1	
-7	H250LC		. . LINK, LH (Hughes)	27	
	H250RC		. . LINK, RH (Hughes)	27	
-8	110-1086		. . END, Gun LH (Hughes)	1	
	110-1086-1		. . END, Gun RH (Hughes)	1	
-9	120-615530		. CHUTE ASSEMBLY, Gun link ejection	6	
-10	890100	*2	. GUN CHARGER, Automatic type B1 (Walter Kidde) (GFAE) (AERNO 52-1740) (Spec 24578) (intrch wth Wurlitzer 92000)	6	C
	B877834	*3	. SOLENOID, Remote gun firing (Magnavox) (type G9 aircraft 24 volts DC) (GFAE) (Spec MIL-S6785 or Spec 93-24706D)	6	C,D
	191-61051		. SOLENOID ASSY, .50 caliber gun type G9	6	G
	No Number		. . SOLENOID, 28 volt, type G9 (Consolidated Radio Products) (Spec 93-24706D) (GFAE)	1	G
-11	44B25259		. HEAT ASSY, Electric gun type J4 (GFAE)(Spec MIL-H6769)	6	
-12	No Number		. GUN, Machine caliber .50 aircraft basic type M3 (GFAE) (AERNO 93-1580) (Spec 46R4353)	6	
-13	43A10936		. WASHER, Gun trunnion bracket spring (GFAE) (detail of 44B11182 bracket assembly)	6	
-14	43A10866		. SPRING, Gun trunnion bkt (GFAE) (detail of 44B11182 bkt assy)	6	
-15	44A11184		. PIN, Gun trun bkt (GFAE) (detail of 44B11182 bkt assy)	6	
-16	140-61065-1		. BOX ASSY, .50 caliber fixed guns ammunition LH	3	
	140-61065-2		. BOX ASSY, .50 caliber fixed guns ammunition RH	3	
-17	AN520-10-7		. . SCREW	2	
-18	4010-18		. . WASHER, Lock (Shakeproof)	2	
-19	4S5		. . SPACER, Threaded (North American)	1	
-20	6R2N2		. . ROLLER, Ammunition .50 caliber (North American)	1	
-21	140-61065-29		. . QUICK RELEASE ASSY, (altered from Burklyn 980)	1	
-22	140-61026		. . HANDLE ASSY, Fixed .50 caliber guns ammunition box	1	
-23	140-61028		. . HANDLE ASSY, Fixed .50 caliber guns ammunition box	1	
-24	151-61110-1		. MOTOR ASSY, Ammunition booster LH (use 140-61100-1 untl exh, whn exh use 151-61110-11) (see fig. 349 for breakdown)	1	A
	151-61110-11		. MOTOR ASSY, Ammunition booster LH (use 151-61110-1 untl exh) (see figure 349 for breakdown)	1	B
	151-61110-2		. MOTOR ASSY, Ammunition booster RH (use 140-61100-2 untl exh, whn exh use 151-61110-12) (see fig. 349 for breakdown)	1	A
	151-61110-12		. MOTOR ASSY, Ammunition booster RH (use 151-61110-2 untl exh) (see figure 349 for breakdown)	1	B
-25	151-61110-11		. MOTOR ASSY, Ammunition booster LH (use 151-61110-1 untl exh) (see figure 349 for breakdown)	2	E
	191-61110-1		. ADAPTER ASSY, .50 cal lower gun feed LH	2	F
	151-61110-12		. MOTOR ASSY, Ammunition booster RH (use 151-61110-2 untl exh) (see figure 349 for breakdown)	2	E
	191-61110-2		. ADAPTER ASSY, .50 cal lower gun feed RH	2	F
-26	AN6227-6	*2	. PACKING	6	
-27	219-1016-3	*2	. RECEPTACLE ASSY, (Aircraft Tapered Sheets)	6	*1
	151-61032		. GUNS EQUIPMENT INSTL, 6 fixed .50 caliber (see figure 350 for breakdown)	NP	

*1 Intrch wth Walter Kidde 801485 and Wiggins 4501D3 when used as parts of the matched assemblies. 801485 with 840462 plug assembly, 4501D3 with 4506D3 plug assembly and 219-1016-3 with 219-1020-3 plug assembly.
*2 Not used on aircraft modified in accordance with T. O. 1F-86-221.
*3 Used on aircraft coded C which have been modified in accordance with T. O. 1F-86-221.

USEABLE ON CODE:
A 51-2850 thru 51-13510
B 52-4305 and subs
C 51-2850 thru 52-4963, 52-5272 thru 52-5277, 52-5279 thru 52-5290, 52-5292, 52-5294, 52-5295, 52-5297, 52-5298, 52-5300 thru 52-5302 and 52-5304
D 52-4964 thru 52-5254, 52-5278, 52-5291, 52-5293, 52-5296, 52-5299, 52-5303, 52-5305 and subs
E 52-4305 thru 52-5063, 52-5272 thru 52-5238
F 52-5064 thru 52-5271, 52-5329 and subs
G 52-5255 thru 52-5271, 53-1072 thru 53-1228

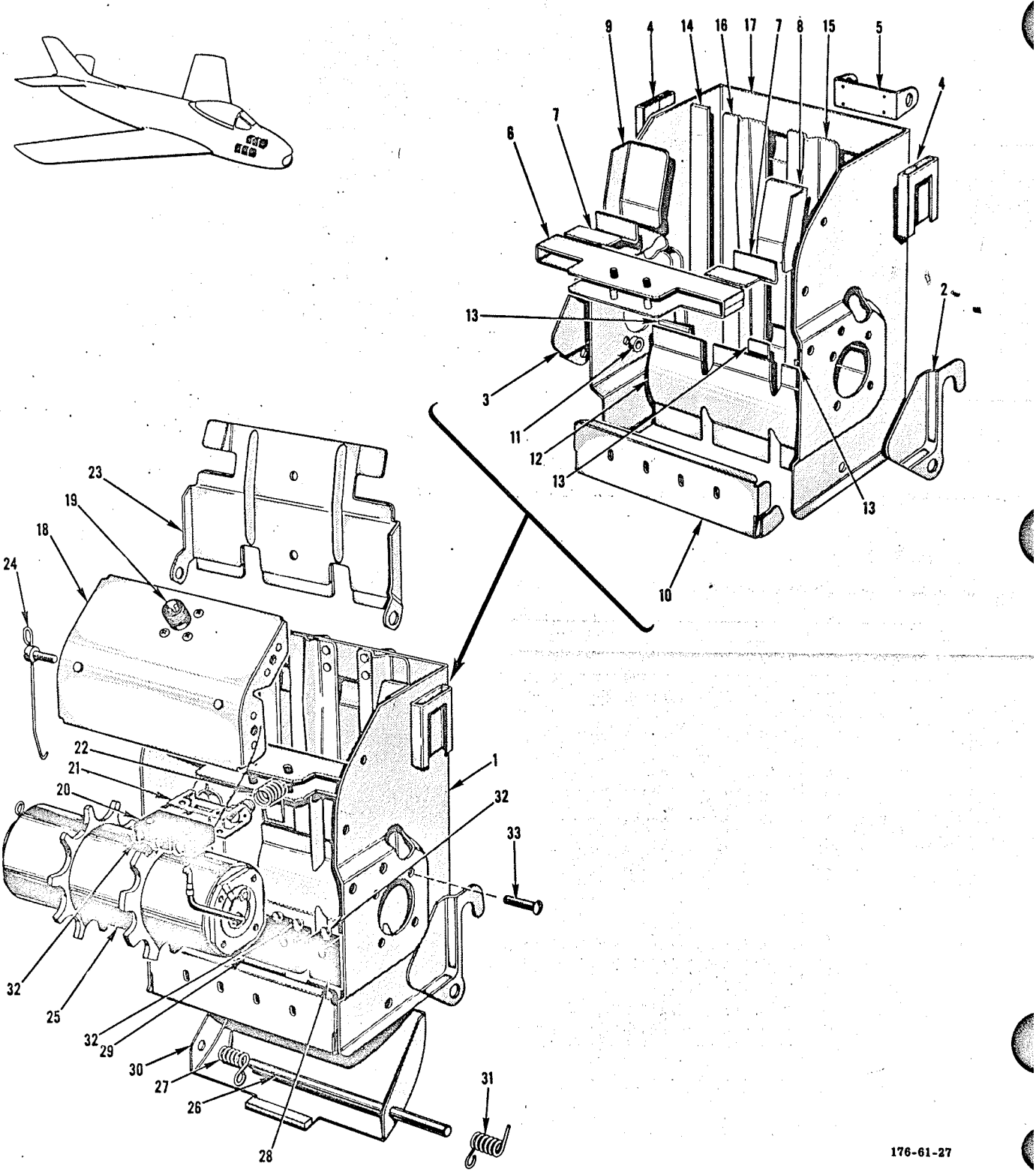


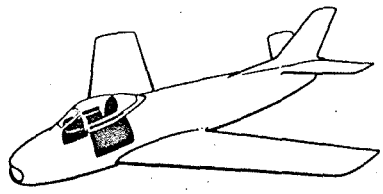
FIGURE 349 - AMMUNITION BOOSTER MOTOR ASSEMBLY

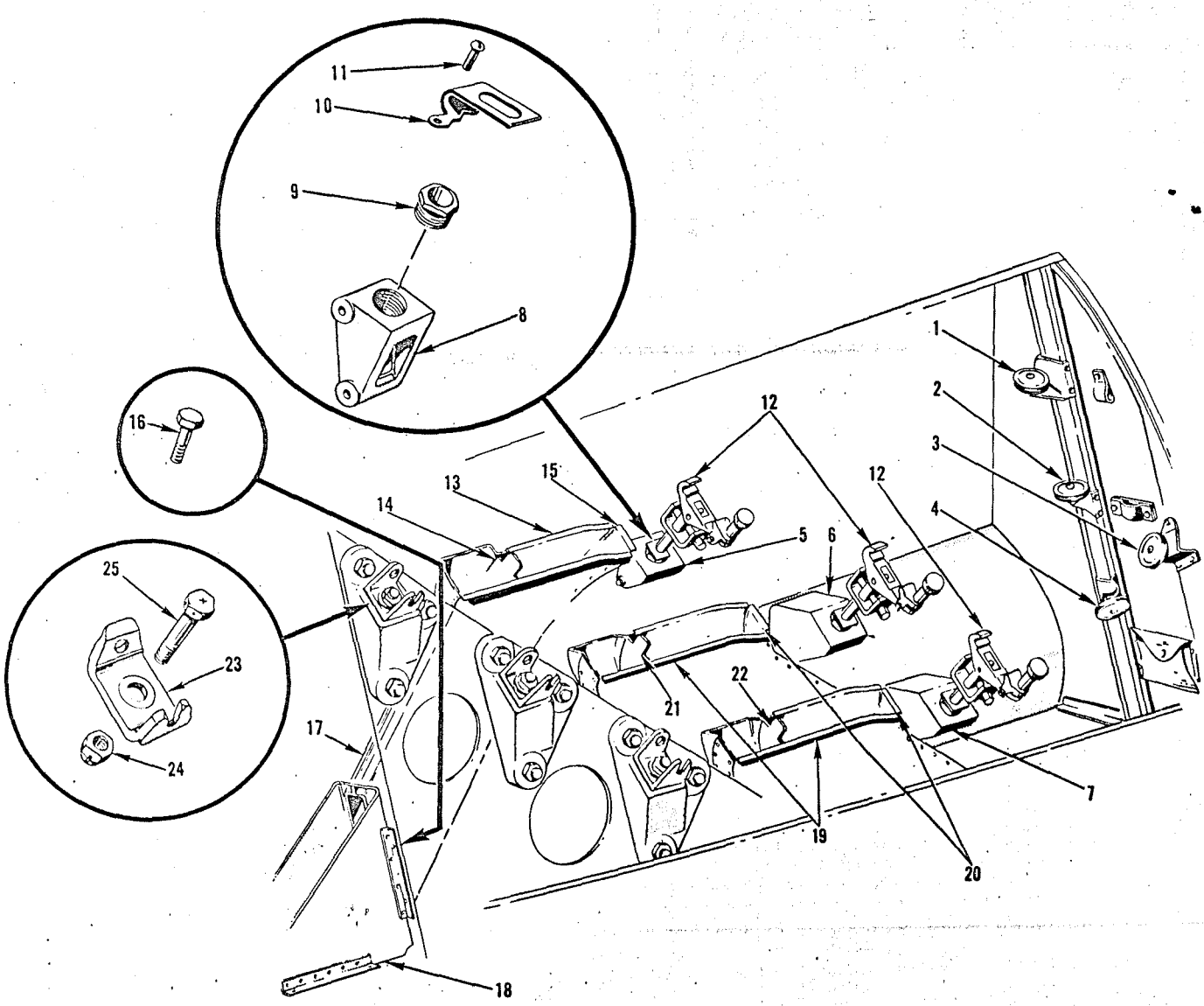
FUSELAGE ARMAMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
349	151-61110-1	MOTOR ASSY, Ammunition booster LH (use 140-61100-1 until exh, whn exh use 151-61110-11) (see fig. 348 for next assy)	Ref	A
	151-61110-11	MOTOR ASSY, Ammunition booster LH (use 151-61110-1 until exh) (see figure 348 for next assembly)	Ref	B
	151-61110-2	MOTOR ASSY, Ammunition booster RH (use 140-61100-2 until exh, whn exh use 151-61110-12) (see fig. 348 for next assy)	Ref	A
	151-61110-12	MOTOR ASSY, Ammunition booster RH (use 151-61110-2 until exh) (see fig. 348 for next assembly)	Ref	B
-1	140-61101-1	. HOUSING ASSY, Ammunition booster LH	1	A
	140-61101-11	. HOUSING ASSY, Ammunition booster LH	1	B
	140-61101-2	. HOUSING ASSY, Ammunition booster RH	1	A
	140-61101-12	. HOUSING ASSY, Ammunition booster RH	1	B
-2	140-61112-1	. . BRACKET, Ammunition booster motor housing support LH	1	
-3	140-61112-2	. . BRACKET, Ammunition booster motor housing support RH	1	
-4	190990	. . FITTING, (Hughes)	2	
-5	140-61118	. . BRACKET, Ammunition booster motor release support	1	
-6	140-61111	. . BRACKET, Ammunition booster motor overfeed switch mounting	1	
-7	140-61189	. . SUPPORT, Ammunition booster motor guide	1	
-8	140-61109-1	. . GUIDE, Ammunition booster motor housing bullet LH	1	
	140-61109-2	. . GUIDE, Ammunition booster motor housing bullet RH	1	
-9	140-61110-1	. . GUIDE, Ammunition booster motor housing shell LH	1	
	140-61110-2	. . GUIDE, Ammunition booster motor housing shell RH	1	
-10	140-61106	. . COVER, Ammunition booster motor wiring bottom	1	A
	140-61106-3	. . COVER, Ammunition booster motor wiring bottom	1	B
-11	140-61113	. . BUSHING, Ammunition booster motor spacer	8	
-12	140-61188-1	. . DEFLECTOR, Last round ammunition booster LH	1	
	140-61188-2	. . DEFLECTOR, Last round ammunition booster RH	1	
-13	140-61101-5	. . SHIM, Last round ammunition booster	6	
-14	140-61119	. . SPACER, Ammunition booster motor housing shell	1	
-15	140-61107	. . TRACK, Ammunition booster motor housing bullet	1	
-16	140-61108	. . TRACK, Ammunition booster motor housing shell	1	
-17	140-61104	. . HOUSING, Ammunition booster motor	1	
-18	140-61102-7	. COVER ASSY, Ammunition booster motor wiring top	1	
-19	AN3102-14S2P	. . RECEPTACLE, (ammunition booster)	1	
-20	AN3210-1	. SWITCH, (ammunition overfeed)	1	
	DR201	. SWITCH, (ammunition overfeed) (Mu-Switch) (intrch wth Mu-Switch DPR205 together with T1892)	1	C
	DPR205	. SWITCH ASSY, (ammunition overfeed) (Mu-Switch)	1	D
-21	MD2721	. ACTUATOR, Overfeed switch (Micro Switch)	1	A
	T1892	. ACTUATOR, Overfeed switch (Mu-Switch)	1	C
-22	151-61105	. SPRING, Ammunition booster motor overfeed switch	1	
-23	140-61105-1	. ACTUATOR, Ammunition booster motor overfeed switch LH	1	
	146-61105-2	. ACTUATOR, Ammunition booster motor overfeed switch RH	1	
-24	140-61117	. ACTUATOR, Ammunition booster motor anti-roll back release	1	
-25	110-2100	. BOOSTER ASSY, Model H250A .50 cal ammunition LH (Hughes) (intrch wth Airesearch 29492-1, Hughes 110-2100-10)	1	
	110-2100-1	. BOOSTER ASSY, Model H250A .50 cal ammunition RH (Hughes) (intrch wth Airesearch 29492-2, Hughes 110-2100-11)	1	
-26	140-61116	. ROD, Ammunition booster motor last round actuator hinge	1	
-27	140-61115	. SPRING, Ammunition booster motor last round switch	1	
-28	AN3210-1	. SWITCH, (ammunition heat control)	1	
-29	WA3ST	. SWITCH, (last round) (Micro Switch)	1	B
-30	140-61103-3	. ACTUATOR, Ammunition booster motor last round switch	1	
-31	140-61115-2	. SPRING, Ammunition booster motor last round switch	1	B
-32	AN515-6R18	. SCREW	6	
	AN365-632	. NUT	6	
	AN960D6	. WASHER, (used with AN3210-1 switches)	4	
	AN960-6L	. WASHER, (used with DR201 switch)	2	
-33	AN500A6-5	. SCREW	8	

USEABLE ON CODE:
A 51-2850 thru 51-13510
B 52-4305 and subs
C 52-4305 thru 52-5163, 52-5272 thru 52-5530
D 52-5164 thru 52-5271, 53-1072 thru 53-1228

FUSELAGE ARMAMENT (Cont)





176-61-11B

FIGURE 350 - 6 FIXED .50 CALIBER GUNS EQUIPMENT

FUSELAGE ARMAMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
350	151-61032	GUNS EQUIPMENT INSTALLATION, 6 fixed .50 caliber (see figure 348 for next assembly)	NP	
	170-61030	. CHARGING INSTL, .50 caliber nose guns pneumatic (see figure 351 for breakdown)	NP	A
	161-61033	. PANEL INSTL, Gun open port blast (see fig. 357 for breakdown)	NP	
-1	140-61040-1	. BRACKET ASSEMBLY, 1L fixed guns charging pulley	1	
	140-61040-2	. BRACKET ASSEMBLY, 1R fixed guns charging pulley	1	
-2	140-61041-1	. BRACKET ASSEMBLY, 2L fixed guns charging pulley	1	
	140-61041-2	. BRACKET ASSEMBLY, 2R fixed guns charging pulley	1	
-3	140-61029-1	. BRACKET ASSEMBLY, 3L fixed guns outboard charging pulley	1	
	140-61029-2	. BRACKET ASSEMBLY, 3R fixed guns outboard charging pulley	1	
-4	140-61042-1	. BRACKET ASSEMBLY, 3L fixed guns charging pulley	1	
	140-61042-2	. BRACKET ASSEMBLY, 3R fixed guns charging pulley	1	
	M3B	. . PULLEY, Aluminum (General Aviation) (used on each of index numbers 1, 2, 3 and 4)	1	
	RL124SH12	. . LOCKING RING, (Rosan)	1	
	140-61044	. . SPRING, Fixed guns charging pulley guard	1	
	191-61070	. . MOUNT ASSY, No. 1 left and right gun rear complete	2	
-5	161-61070	. . MOUNT ASSEMBLY, 1L and 1R gun rear complete (use 151-61070 until exh)	2	
	191-61056	. . MOUNT ASSY, No. 2 left and right gun rear complete	2	
-6	161-61056	. . MOUNT ASSEMBLY, 2L and 2R gun rear complete (use 140-61056 until exh)	2	
	191-61060	. . MOUNT ASSY, No. 3 left and right gun rear complete	2	
-7	161-61060	. . MOUNT ASSEMBLY, 3L and 3R gun rear complete (use 134-61013 together with 134-61015, 134-61018, 151-61061, AN500A10-7 and AN960-10 until exh)	2	
-8	151-61060-3	. . . MOUNT, No. 1 LH and No. 1 RH .50 cal fixed gun rear	1	
	140-61061-3	. . . MOUNT, No. 2L and 2R .50 caliber fixed rear complete	1	
	151-61061-3	. . . MOUNT, No. 3 LH and No. 3 RH .50 caliber fixed gun rear	1	
-9	RZA10020	. . . MOUNT, (Rosan)	1	
	RL124SH12	. . . LOCKING RING, (Rosan)	1	
-10	159-61036	. . . . LOCK, 6 fixed .50 caliber nose guns rear mount adjustment nut (intrch wth Tison 75-1018)	1	
-11	AN500A10-6	. . . . SCREW	2	
-12	1175	. . MOUNT ASSY, Model GM2 .50 caliber fixed gun (use Tison 1174A until exh) (intrch wth Tison 1174A on ships not equipped with automatic gun chargers)	6	
-13	151-61082-41	. CHUTE ASSY, Guns 1L upper case ejection LH	1	
	151-61082-42	. CHUTE ASSY, Guns 1R upper case ejection RH	1	
-14	151-61077-1	. . CLIP ASSY, Fixed guns upper case chute baffle No. 1 gun LH	1	
	151-61077-2	. . CLIP ASSY, Fixed guns upper case chute baffle No. 1 gun RH	1	
-15	151-61078-1	. . CLIP, .50 cal upper case chute assembly LH	1	
	151-61078-2	. . CLIP, .50 cal upper case chute assembly RH	1	
-16	AN3-4A	. BOLT, (used with index No. 13)	4	
	AN3-5A	. BOLT, (used with index No. 13, 18 & 19)	16	
	AN3-3A	. BOLT, (used with index No. 17 & 19)	6	
	AN3-7A	. BOLT, (used with index No. 17)	4	
	AN960-10	. WASHER, (used with index No. 19)	8	
	AN365-1032	. NUT, (used with index No. 19)	4	
-17	140-61083-31	. CHUTE ASSY, No. 1L fixed guns case ejection center LH	1	
	140-61083-32	. CHUTE ASSY, No. 1R fixed guns case ejection center RH	1	
-18	151-61084-1	. CHUTE ASSY, No. 1L fixed guns case ejection lower LH	1	
	151-61084-2	. CHUTE ASSY, No. 1R fixed guns case ejection lower RH	1	
-19	151-61080-41	. CHUTE ASSY, Guns No. 2L, 3L case LH	2	
	151-61080-42	. CHUTE ASSY, Guns No. 2R, 3R case RH	2	
-20	151-61079-1	. . CLIP, .50 caliber lower case chute assembly LH	2	
	151-61079-2	. . CLIP, .50 caliber lower case chute assembly RH	2	
-21	140-61078-1	. . CLIP ASSY, Fixed guns twin case chute upper baffle gun No. 2 LH	1	
	140-61078-2	. . CLIP ASSY, Fixed guns twin case chute upper baffle gun No. 2 RH	1	
-22	140-61079-1	. . CLIP ASSY, Fixed guns twin case chute lower baffle gun No. 3 LH	1	
	140-61079-2	. . CLIP ASSY, Fixed guns twin case chute lower baffle gun No. 3 RH	1	
-23	44B1183	. BRACKET, Gun trunnion (GFAE) (LH and RH) (intrch wth 422350-1)	6	
-24	AN310-12	. NUT	6	
-25	AN12H17	. BOLT	6	

USEABLE ON CODE: A 51-2850 thru 52-4963,
52-5272 thru 52-5277,
52-5279 thru 52-5290,
52-5292, 52-5294, 52-5295,
52-5297, 52-5298,
52-5300 thru 52-5302 & 52-5304

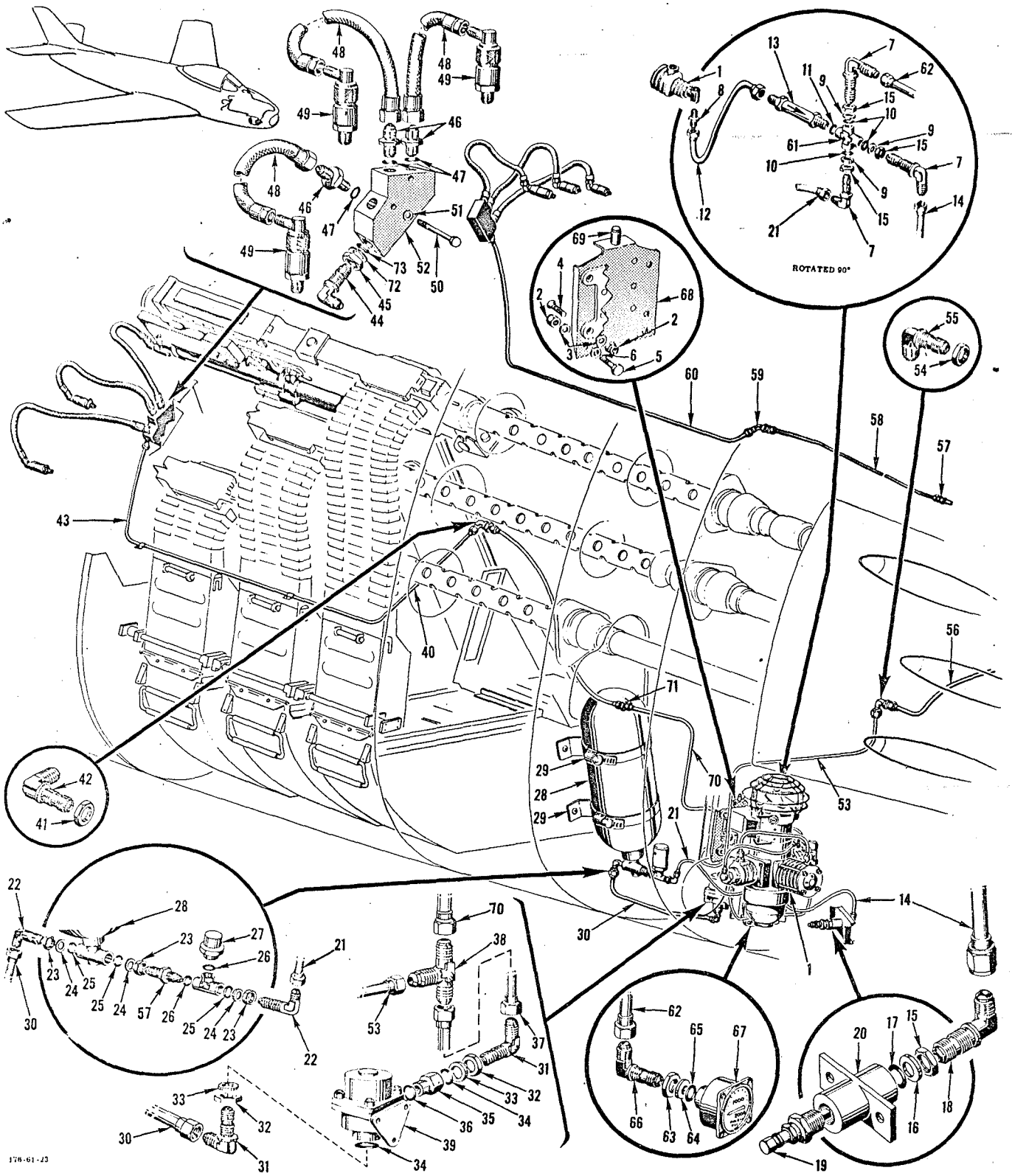


FIGURE 351 - .50 CALIBER NOSE GUNS PNEUMATIC CHARGING EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER		NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
351	170-61030	*1	CHARGING INSTALLATION, .50 caliber nose guns pneumatic . . . . . (see figure 350 for next assembly)	NP	A,B
-1	32R500-3		. COMPRESSOR ASSY, (Cornelius) (use Cornelius 32R500 untl exh).	1	A,B
-2	AN365-428		. NUT	6	A,B
-3	AN960D416		. WASHER	6	A,B

FUSELAGE ARMAMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
351-4	AN507-428R14	.	SCREW	4	A,B
-5	AN4-5A	.	BOLT	2	A,B
-6	AN960D416L	.	WASHER	2	A,B
-7	AN833-4D	.	ELBOW	3	A,B
-8	AN816-4D	.	NIPPLE	1	A,B
-9	AN6291-4	.	RING	3	A,B
-10	AN6290-4	.	GASKET	3	A,B
-11	AN6227-7	.	PACKING	1	A,B
-12	170-61029-13	.	LINE ASSY, .50 cal nose guns pneu charging compressor to valve	1	A,B
-13	119B100-4	.	VALVE, Check (Cornelius) (intrch with Cornelius 140B0100 or James-Pond-Clark 259A4TT)		
-14	170-61029-3	.	LINE ASSY, .50 cal nose guns pneu charging valve to cross	1	A,B
-15	AN6289D4	.	NUT	4	A,B
-16	AN6291-4	.	RING	1	A,B
-17	AN6290-4	.	GASKET	1	A,B
-18	AN833-4D	.	ELBOW	1	A,B
-19	AN6287-1	.	VALVE	1	A,B
-20	170-61033	.	FITTING, .50 cal nose guns pneu gun charger air bottle filler valve	1	A,B
-21	170-61029-9	.	LINE ASSY, .50 cal nose guns pneu charging air res to cross	1	A,B
-22	AN833-4D	.	ELBOW	2	A,B
-23	AN6289D4	.	NUT	3	A,B
-24	AN6291-4	.	RING	3	A,B
-25	AN6290-4	.	GASKET	3	A,B
-26	AN6227-7	.	PACKING	2	A,B
-27	MC1600-17.5	.	VALVE, Press. relief (M.C. Mfg.)(intrch wth Cornelius 117B100-1)	1	A,B
-28	870491	.	BOTTLE, Air (Walter Kidde)	1	A,B
-29	823-20	.	CLAMP, Bottle (Marman)	2	A,B
-30	170-61029-11	.	LINE ASSY, .50 cal nose guns pneu charging air reservoir bottle to press. regulator	1	A,B
-31	AN833-4D	.	ELBOW	2	A,B
-32	AN6289D4	.	NUT	2	A,B
-33	AN6291-4	.	RING	2	A,B
-34	AN6290-4	.	GASKET	2	A,B
-35	AN893-2D	.	BUSHING	2	A,B
-36	AN6227-9	.	PACKING	1	A,B
-37	170-61029-5	.	LINE ASSY, .50 caliber nose guns pneumatic charging	1	A,B
-38	AN824-4D	.	TEE	1	A,B
-39	124D100-5	.	VALVE, Press. reg. (Cornelius) (use Cornelius 124D100 unt1 exh)	1	A,B
-40	170-61029-29	.	LINE ASSY, .50 cal nose guns charging sta 94.5 to press. reg.	1	A,B
-41	AN6289D4	.	NUT	1	A,B
-42	AN833-4D	.	ELBOW	1	A,B
-43	170-61029-31	.	LINE ASSY, .50 cal nose guns pneumatic charging	1	A,B
-44	AN833-4D	.	ELBOW	2	A,B
-45	AN6289D4	.	NUT	2	A,B
-46	AN815-3D	.	NUT	6	A,B
-47	AN6227-6	.	PACKING	6	A,B
-48	AN6271-3-19	.	HOSE ASSEMBLY	6	A,B
-49	219-1020-3	.	PLUG ASSY, 90° self sealing (Aircraft Tapered Sheets)	6	A,B
-50	AN3-12A	.	BOLT	4	A,B
-51	AN960D10L	.	WASHER	4	A,B
-52	170-61034	.	SUMP, .50 cal gun pneumatic charging	2	A,B
-53	170-61029-21	.	LINE ASSY, .50 cal nose guns pneumatic charging	1	A,B
-54	AN924-4D	.	ELBOW	1	A,B
-55	AN6289D4	.	NUT	1	A,B
-56	170-61029-33	.	LINE ASSY, .50 caliber nose guns pneumatic charging	1	A
	170-61029-35	.	LINE ASSY, .50 caliber nose guns pneumatic charging	1	B
-57	AN832-4D	.	UNION	2	A,B
	AN6289D4	.	NUT	1	A,B
-58	170-61029-25	.	LINE ASSY, .50 cal nose guns pneumatic charging	1	A
	170-61029-37	.	LINE ASSY, .50 cal nose guns pneumatic charging	1	B
-59	AN833-4D	.	ELBOW	1	A,B
	AN6289D4	.	NUT	1	A,B
-60	170-61029-15	.	LINE ASSY, Sump union to station 84.5 bulkhead LH	1	A,B
-61	AN925-4D	.	CROSS	1	A,B
-62	170-61029-7	.	LINE ASSY, .50 cal nose guns pneu charging press. ga to cross	1	A,B
-63	AN6289D4	.	NUT	1	A,B
-64	AN6291-4	.	RING	1	A,B
-65	AN6290-4	.	GASKET	1	A,B
-66	AN833-4D	.	ELBOW	1	A,B
-67	AN5771T4B	.	GAGE, Single 1 7/8 dial press. (use U.S. Gauge AW1-1 7/8 17CN13)	1	A,B
-68	170-61027	.	BRACKET ASSY, .50 cal nose guns pneu charging compressor	1	A,B
-69	170-61028	.	STUD, .50 cal nose guns pneu charging bracket support	1	A,B
-70	170-61029-27	.	TUBE ASSY, Sta 62.625 bhd to sta 71 3/4 union	1	A,B
-71	AN815-4D	.	UNION	1	A,B
-72	AN6291-4	.	RING	2	A,B
-73	AN6290-4	.	GASKET	2	A,B

*1 This equipment not used on aircraft modified in accordance with T. O. 1F-86-221.

USEABLE ON CODE: A 51-2850 thru 51-13510
B 52-4305 thru 52-4963, 52-5272 thru 52-5277, 52-5279 thru 52-5290, 52-5292, 52-5294, 52-5295, 52-5297, 52-5298,
B 52-5300 thru 52-5302, 52-5304

FUSELAGE ARMAMENT (Cont)

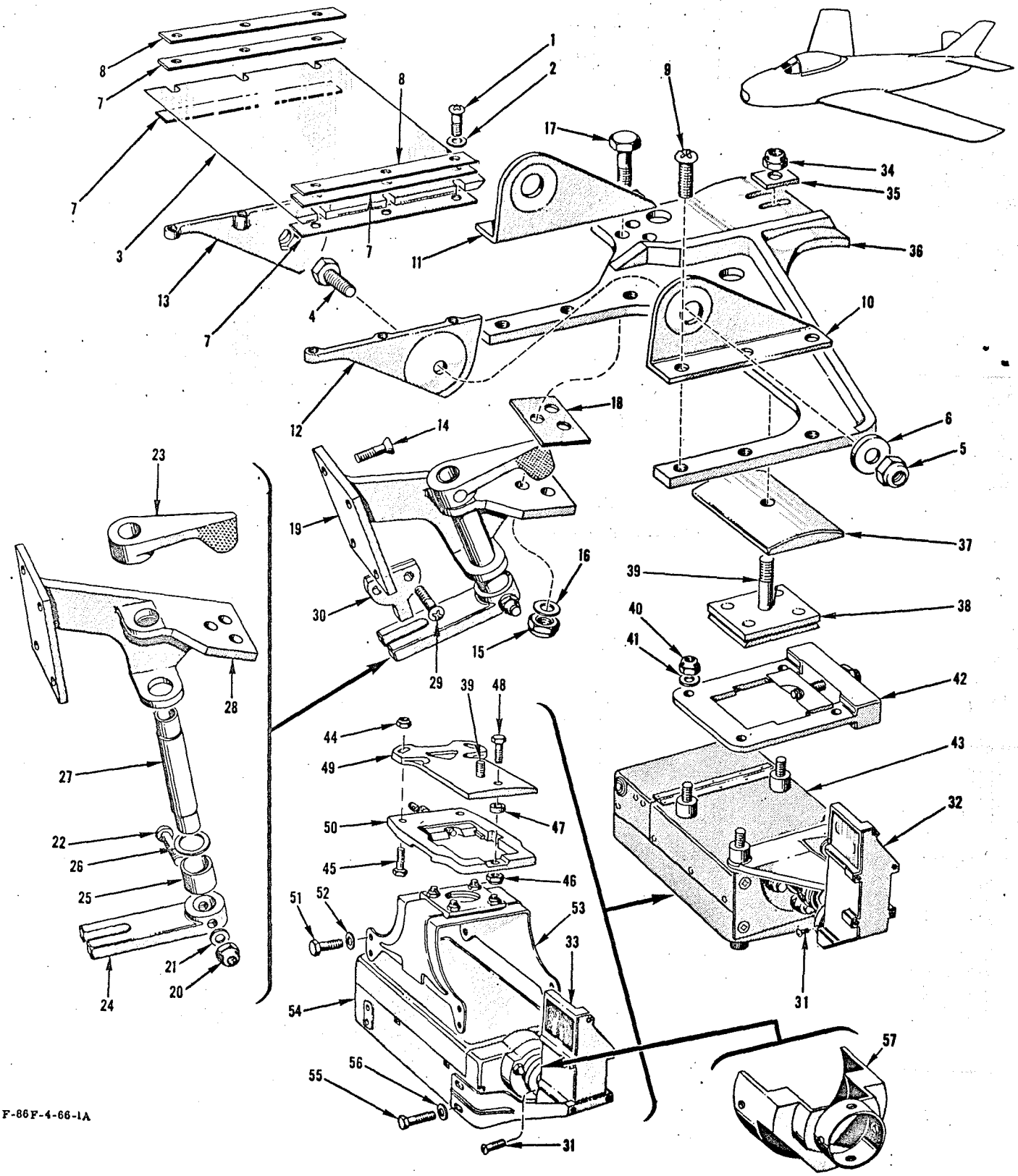


FIGURE 352 - A4 GUN BOMB ROCKET SIGHT AN-N6 AND AN-N9 CAMERA

FUSELAGE ARMAMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
352	176-66001	CAMERA INSTL, A4 gun bomb rocket sight AN-N6	NP	A,B,*1
	176-66040	CAMERA INSTL, A4 gun bomb rocket sight AN-N9	NP	E
	176-66040-10	CAMERA INSTL, A4 gun bomb rocket sight AN-N9	NP	F,*2
-1	AN526-632R9	. SCREW	6	G
-2	AN960D8	. WASHER	6	G
-3	176-66018	. REFLECTOR, AN-N6 camera	1	G
-4	AN4-6A	. BOLT	2	G
-5	AN364-428	. NUT	2	G
-6	176-66019	. WASHER, AN-N6 camera reflector glass adjustment	2	G
-7	176-66022	. GASKET, AN-N6 camera reflector glass	4	G
-8	176-66023	. RETAINER, Reticle camera reflector glass	2	G
-9	NAS221-11	. SCREW, Brazier head Phillips recess steel alloy 10-32	6	G
-10	176-66016-1	. ANGLE, AN-N6 camera reflector glass support LH	1	G
-11	176-66016-2	. ANGLE, AN-N6 camera reflector glass support RH	1	G
-12	176-66017-1	. SUPPORT, AN-N6 camera reflector glass LH	1	G
-13	176-66017-2	. SUPPORT, AN-N6 camera reflector glass RH	1	G
-14	AN507-632R8	. SCREW	4	G
-15	AN365-1032	. NUT	3	G
-16	AN960D10	. WASHER	3	G
-17	AN3-7A	. BOLT	3	G
-18	176-66020	. PLATE, AN-N6 camera support to brace serrated locking	1	G
-19	176-66009-10	. BRACE ASSEMBLY, AN-N6 camera support (use 176-66009 until exh)	1	G
-20	AN365-832	. . NUT	1	G
-21	AN960D8L	. . WASHER	1	G
-22	NAS220-18	. . SCREW, Brazier head Phillips recess alloy steel 10-32	1	G
-23	176-66011	. . LEVER, Camera brace A4 gun bomb rocket sight remote caging	1	G
-24	176-66012-10	. . FORK, Camera brace A4 gun bomb rocket sight remote caging lever (use 176-66012 until exh)	1	G
-25	176-66021	. . SPACER, A4 gun bomb rocket sight remote caging lever	1	G
-26	2W1AL34-24-64	. . WASHER, Plain (North American)	1	G
-27	176-66013	. . SHAFT, A4 gun bomb rocket sight remote caging lever	1	G
-28	176-66010-10	. . BRACE, AN-N6 camera support (use 176-66010 until exh)	1	G
-29	AN515-8R14	. SCREW	2	G
-30	176-66014-3	. ADAPTER, A4 gun bomb rocket sight caging lever	1	G
-31	AN515-2R2	. SCREW	4	G
-32	176-66030	. HEAD ASSY, 35mm lens camera 90° erector	1	C
	176-66030-10	. HEAD ASSY, 35mm lens camera 90° erector (see figure 355) for breakdown)	1	D
-33	176-66030-20	. HEAD ASSY, 35mm lens camera 90° erector (see figure 355) for breakdown)	1	E,F
-34	AN365-428	. NUT	1	G
-35	176-66015	. WASHER, AN-N6 camera concave adjusting	1	G
-36	176-66008-30	. SUPPORT, AN-N6 camera (use 176-66008, 176-66008-10 or 176-66008-20 until exh)	1	G
-37	176-66007	. BLOCK, AN-N6 camera cylindrical support	1	A,B
-38	176-66006	. DOVETAIL, AN-N6 camera quick detach	1	A,B
-39	AN4-12A	. . BOLT	1	A,B
-40	AN365-1032	. NUT	4	A,B
-41	AN960D10L	. WASHER	4	A,B
-42	025901A	. PLATE ASSY, Camera adapter (Huber) (model 159B)	1	A,B
-43	No Number	. CAMERA, Type AN-N6 gun (GFAE) (AERNO 74C2250) (Spec 75-366) (intrch wth type N6 or type AN-N6A)	1	A,B
-44	AN365-1032	. NUT	2	E,F
-45	AN3-7A	. BOLT	2	E,F
-46	AN364-1032	. NUT	1	E,F
-47	2W1AL16-18-.250	. WASHER, Plain (North American)	1	E,F
-48	AN3-6A	. BOLT	1	E,F
-49	180-66007	. BLOCK, AN-N9 camera cylindrical support	1	E,F
-50	225	. PLATE ASSY, Camera adapter (Huber) (model A)	1	E,F
-51	AN3H6A	. BOLT	4	E,F
-52	AN960D10	. WASHER	4	E,F
-53	31103B	. ADAPTER ASSY, Camera (Huber) (model A)	1	E,F
-54	No Number	. CAMERA, Type AN-N9 gun (GFAE) (AERNO 74-2260) (Spec MIL-C6520)	1	E,F
-55	AN3H7A	. BOLT	4	E,F
-56	AN960D10	. WASHER	4	E,F
-57	192-66010	. MOUNT, AN-N9 camera and prism erector support	1	F

*1 Also used on airplanes 52-4746 thru 52-5113 and 52-5381 thru 52-5530 modified per T. O. 1F-86F-207.

*2 Also used on airplanes 52-5114 thru 52-5271 and 53-1072 thru 53-1228 modified per T. O. 1F-86F-207 when An-N9 camera becomes available.

USEABLE ON CODE:

A 51-13070 thru 52-4745, 52-5114 thru 52-5380
B 53-1072 thru 53-1228
C 51-13071 thru 51-13226, 52-4305 thru 52-4554
D 51-13227 thru 51-13510, 52-4555 thru 52-4745, 52-5272 thru 52-5380
E 52-4746 thru 52-5113
F 52-5381 thru 52-5530, 55-3816 and subs
G 51-13070 and subs

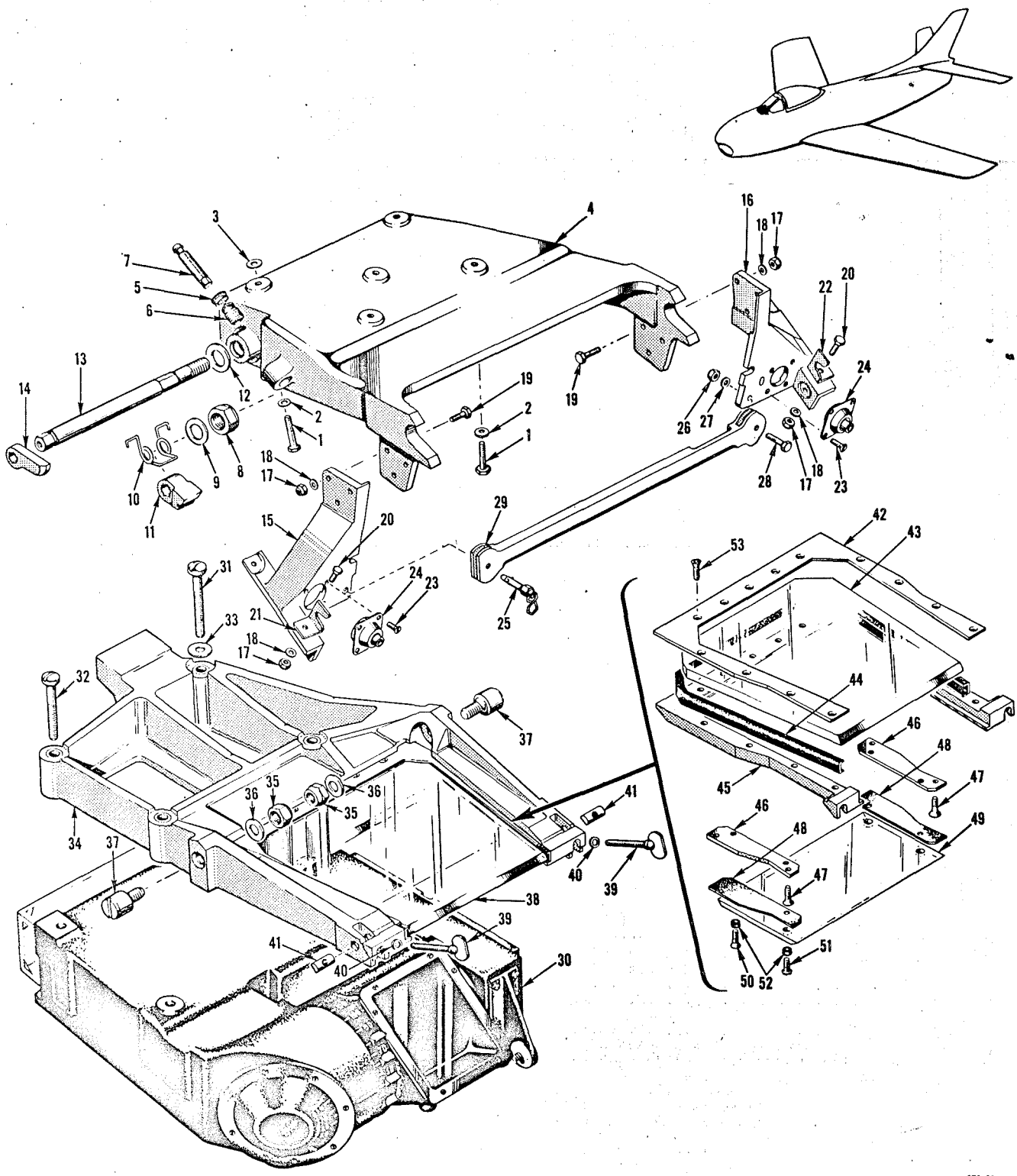


FIGURE 353 - MODIFIED A1CM GUN BOMB ROCKET SIGHT

FUSELAGE ARMAMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
353			MODIFIED A1CM GUN BOMB ROCKET SIGHT		
	172-69301	. .	SIGHT INSTALLATION, A1CM (this modification is in accordance with T. O. No. 1F-86-116 for 125 aircraft as designated by FEAF) (see figure 354 for additional breakdown)	NP	A
	172-69303	. .	SUPPORT ASSY, A1CM Sight head mounting	1	A
	ATTACHING PARTS				
-1	5B18CN11A	. .	BOLT, 1/4-28 Corrosion resistant (North American)	5	A
-2	AN960D416	. .	WASHER	5	A
-3	2W1LB16-24-32	. .	WASHER, Plain (North American)	2	A
	---*---				
-4	172-69304	. . .	BRACKET ASSY, A1CM Sight head adapting	1	A
-5	RL56SB11	. . .	. RING (Rosan)	1	A
-6	RD201SB12L	. . .	. INSERT (Rosan)	1	A
-7	172-61661	. . .	SCREW, A1CM Sight head adapter locking	1	A
-8	AN310-10	. . .	NUT	1	A
-9	AN960D1016	. . .	WASHER	1	A
-10	172-69317	. . .	SPRING, A1CM Sight head mounting	1	A
-11	172-61659	. . .	DOG, A1CM Sight head adapter retaining	1	A
-12	2W1-50-38-64	. . .	WASHER, Plain (North American)	1	A
	172-69306	. . .	SHAFT ASSY, A1CM Sight head adapter locking	1	A
-13	172-69306-3	. . . .	. SHAFT, A1CM Sight head adapter locking	1	A
-14	172-69306-5	. . . .	. CAM, A1CM Sight head adapter locking	1	A
-15	172-69305-1	. .	BRACE, A1CM Gun sight head support LH	1	A
-16	172-69305-2	. .	BRACE, A1CM Gun sight head support RH	1	A
	ATTACHING PARTS				
-17	AN363C428	. .	NUT	10	A
-18	AN960D416	. .	WASHER	10	A
-19	5B18CN12A	. .	BOLT, 1/4-28 Corrosion resistant (North American)	6	A
-20	5B18CN6A	. .	BOLT, 1/4-28 Corrosion resistant (North American)	4	A
	---*---				
-21	172-61671-1	. .	CLIP, Instrument panel shroud forward mounting LH	1	A
-22	172-61671-2	. .	CLIP, Instrument panel shroud forward mounting RH	1	A
-23	AN515-6-8	. .	SCREW	8	A
-24	6952H	. .	SHOCK MOUNT (Robinson)	2	A
-25	A405	. .	PIN ASSY, Push-pull positive lock quick release (Aviation Development)	1	A
-26	AN363C428	. .	NUT	1	A
-27	AN960D416	. .	WASHER	1	A
-28	5B18CN10A	. .	BOLT, 1/4-28 Corrosion resistant (North American)	1	A
-29	172-61670	. .	ROD, Windshield support quick removal tie	1	A
-30	No Number	. .	HEAD, Type A1CM gun bomb rocket sight (GFAE)	1	A
	ATTACHING PARTS				
-31	AN500AC416-40	. .	SCREW	1	A
-32	AN500AC416-28	. .	SCREW	3	A
-33	AN960D416	. .	WASHER	1	A
	---*---				
-34	172-69302	. .	ADAPTER ASSY, A1CM Gun bomb rocket sight head	1	A
-35	AN364B70	. . .	NUT	2	A
-36	2W1AL28-28-32	. . .	WASHER, Plain (North American)	2	A
-37	172-69006	. . .	PIN, A1CM Sight adapter supporting	2	A
-38	172-69309	. .	HOLDER ASSY, A1CM Sight reflector	1	A
	ATTACHING PARTS				
-39	187-69009-13	. .	LOCKING ASSY, A1CM Sight head combining glass holder	2	A
-40	AN960D416	. .	WASHER	2	A
-41	S1452-048	. .	BARREL NUT (Elastic)	2	A
	---*---				
-42	172-69315	. . .	RETAINER, A1CM reflector holder	1	A
-43	172-69316	. . .	REFLECTOR, A1CM Sight	1	A
-44	172-69309-3	. . .	GASKET, A1CM Sight reflector	1	A
	172-69310	. . .	FRAME ASSY, A1CM Sight reflector	1	A
-45	172-69314	. . . .	. FRAME, A1CM Reflector holder	1	A
-46	172-66307	. . . .	. SPACER, AN-N6 Camera reflector glass	2	A
-47	AN507-1024R10	. . . .	. SCREW	4	A
-48	172-69309-5	. . .	GASKET, A1CM Sight reflector	2	A
-49	172-66308	. . .	REFLECTOR, AN-N6 Camera	1	A
-50	172-66312	. . .	SCREW, AN-N6 Camera reflector	2	A
-51	AN507-1024R7	. . .	SCREW	2	A
-52	172-69309-7	. . .	TUBE, A1CM Sight reflector	4	A
-53	AN507C1024R10	. . .	SCREW	13	A

USEABLE ON CODE: A 51-2850 thru 51-2943

FUSELAGE ARMAMENT (Cont)

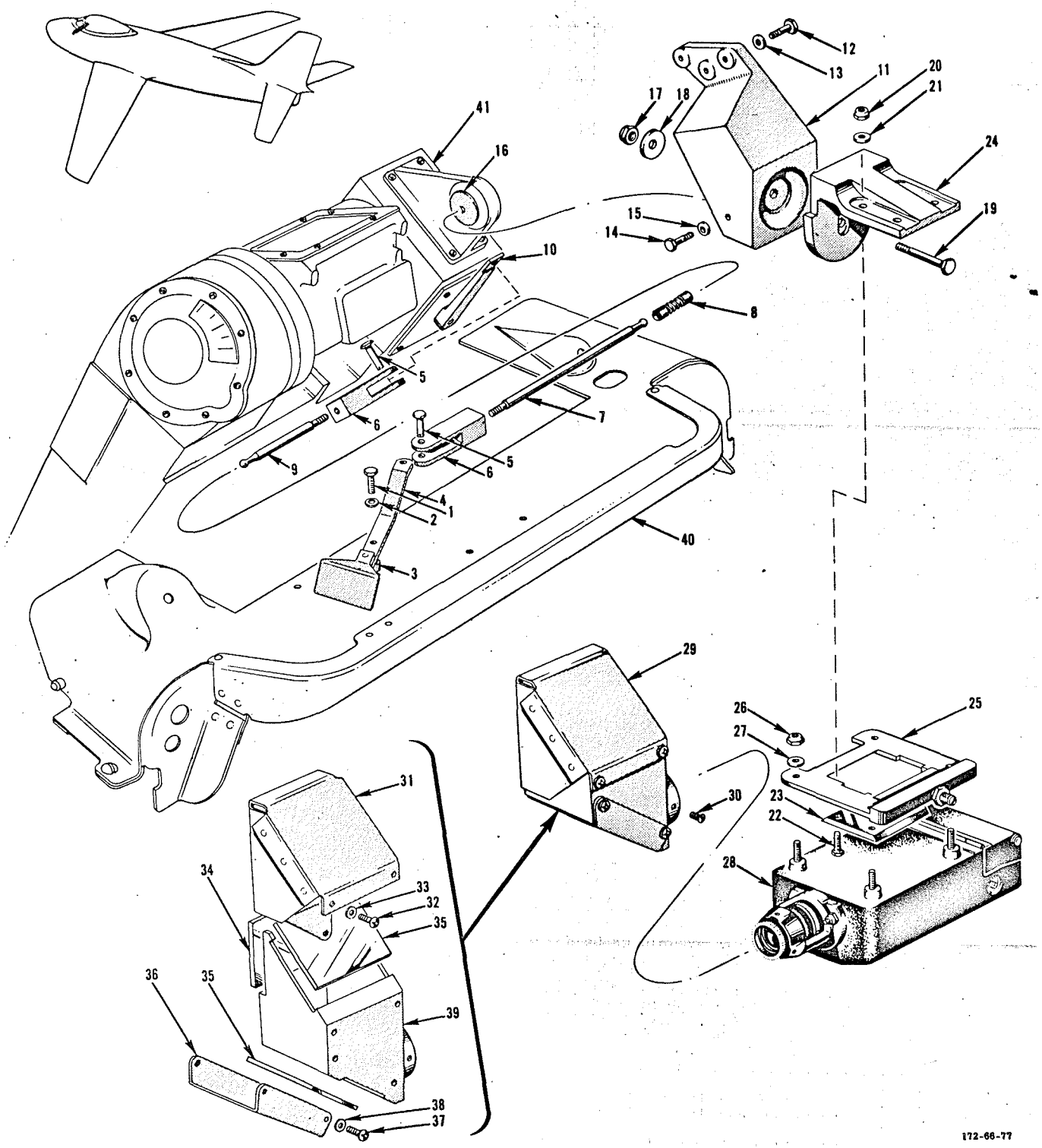


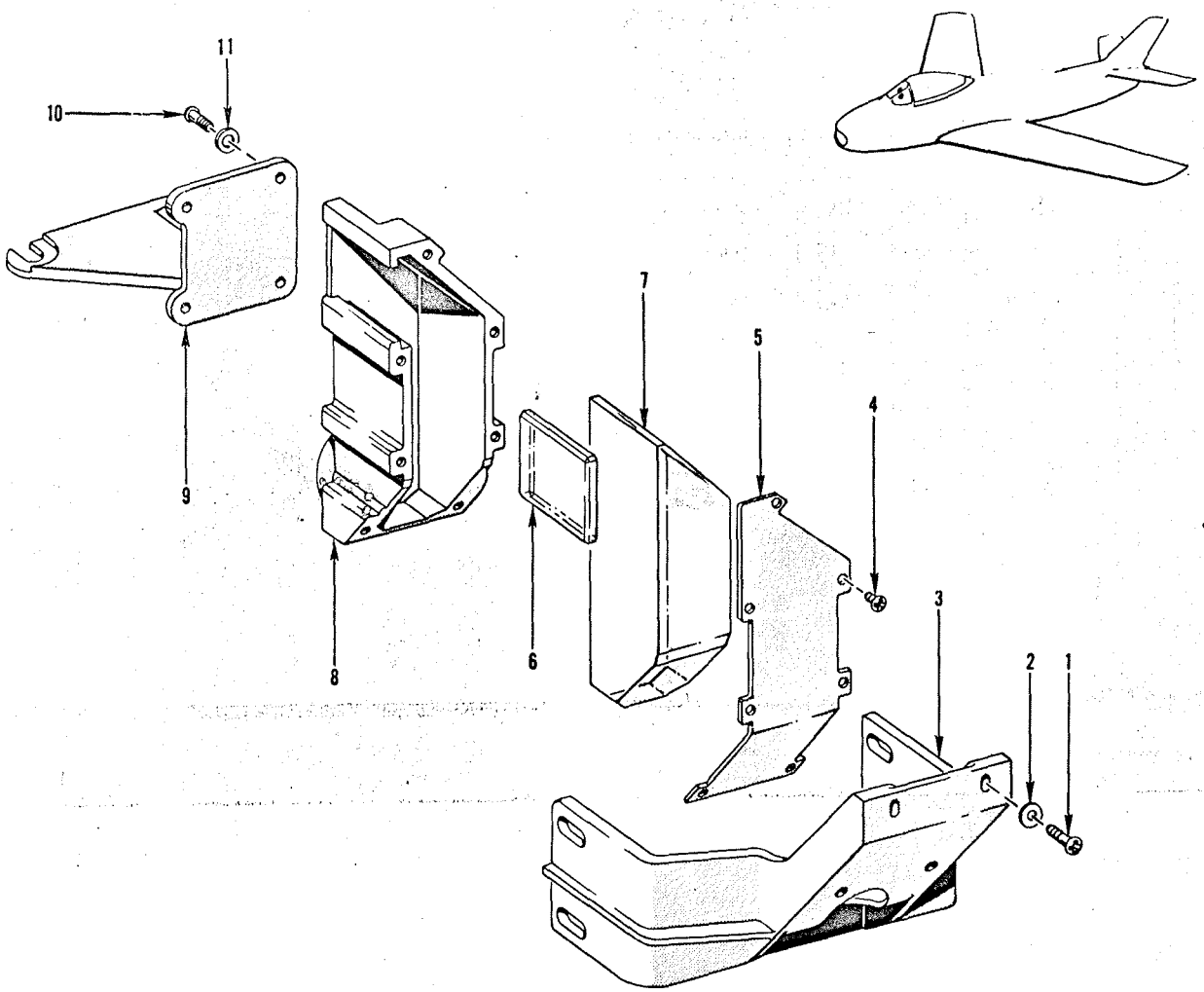
FIGURE 354 - RETICLE RECORDING AN-N6 GSAP CAMERA

FUSELAGE ARMAMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
354	172-66301	CAMERA INSTL, Reticle recording AN-N6 G.S.A.P. (this modification is in accordance with T. O. 1F-86-116 for 125 aircraft as designated by FEAF) (see figure 353 for additional breakdown)	NP	A
-1	AN3-13A	. BOLT	1	A
-2	AN960D10	. WASHER	1	A
-3	NAS43DD3-40	. SPACER, Screw and bolt	1	A
-4	172-69223	. LEVER, A1CM gun bomb rocket sight remote caging	1	A
-5	AN392-13	. PIN	2	A
-6	172-69221	. CLEVIS, A1CM gun bomb rocket sight connecting rod	2	A
-7	172-69224-3	. ROD, A1CM gun bomb rocket sight connecting	1	A
-8	RA2258-2	. FITTING, Quick detachable (American Chain and Cable)	1	A
-9	172-69224-5	. ROD, A1CM gun bomb rocket sight connecting	1	A
-10	172-69217	. LEVER, A1CM gun bomb rocket sight caging	1	A
-11	172-66305	. BRACKET, AN-N6 camera adjustment	1	A
	ATTACHING PARTS			
-12	AN74A5	. BOLT	3	A
-13	AN960D416	. WASHER	3	A
-14	AN73A7	. BOLT	1	A
-15	AN960D10	. WASHER	1	A
-16	2W1AL12-20-32	. WASHER, Plain (North American)	AR	A
-17	AN365-428	. NUT	1	A
-18	172-66309	. WASHER, AN-N6 camera adjustment	1	A
-19	5B18CN12A	. BOLT, 1/4-28 corrosion resistant (North American)	1	A
	---*---			
	172-69209	. ANGLE ASSY, A1CM gun bomb rocket sight AN-N6 camera	1	A
-20	AN363C1032	. . NUT	4	A
-21	AN960D10	. . WASHER	4	A
-22	5B17CN7A	. . BOLT, 10-32 corrosion resistant (North American)	4	A
-23	172-69225	. . DOVETAIL, A1CM gun bomb rocket sight AN-N6 camera adapter	1	A
-24	172-69222	. . ANGLE, A1CM gun bomb rocket sight AN-N6 camera	1	A
-25	172-69220	. ADAPTER ASSY, AN-N6 gun camera (altered from Air Force part No. 44B26996)	1	A
	ATTACHING PARTS			
-26	AN365-1032	. NUT	4	A
-27	AN960D10	. WASHER	4	A
	---*---			
-28	No Number	. CAMERA, Type AN-N6 gun (GFAE) (AERNO D4C2250)(Spec 75-336).	1	A
-29	172-66640	.. HEAD ASSEMBLY, 35mm lens camera 90° erector	1	A
	ATTACHING PARTS			
-30	AN515-2R2	. SCREW	4	A
	---*---			
-31	172-66642	. . COVER, 35mm lens 90° erector head window and mirror	1	A
	ATTACHING PARTS			
-32	AN515C4R5	. . SCREW	3	A
-33	AN936A6	. . WASHER	3	A
	---*---			
-34	172-66644	. . WINDOW, 35mm lens camera 90° erector head case	1	A
-35	172-66634	. . MIRROR, 35mm lens camera 90° erector head	2	A
-36	172-66643	. . COVER, 35mm lens camera 90° erector head mirror	1	A
	ATTACHING PARTS			
-37	AN515C4R5	. . SCREW	4	A
-38	AN936A6	. . WASHER	4	A
	---*---			
-39	172-66641	. . CASE, 35mm lens camera 90° erector head	1	A
-40	172-931822	SHROUD ASSEMBLY, Pilot's cockpit enclosure (altered from 172-31822) (see figure 105)	Ref	
-41	No Number	HEAD, Type A1CM gun bomb rocket sight (see figure 353)	Ref	

USEABLE ON CODE: A 51-2850 thru 51-2943

FUSELAGE ARMAMENT (Cont)



176-66-2

FIGURE 355 - 35MM LENS CAMERA 90° ERECTOR HEAD ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
355	176-66030	HEAD ASSY, 35MM lens camera 90° erector (see figure 352 for next assembly)	Ref	A
	176-66030-10	HEAD ASSY, 35MM lens camera 90° erector (see figure 352 for next assembly)	Ref	B
	176-66030-20	HEAD ASSY, 35MM lens camera 90° erector (see figure 352 for next assembly)	Ref	C
-1	AN515-2R3	. SCREW	4	A,B
	AN515-2R7	. SCREW	4	C
-2	AN960D3	. WASHER	4	C
-3	180-66005	. BRACE, Reticle camera erector head	1	C
-4	AN515-2R3	. SCREW	3	A,B,C
-5	176-66034	. COVER, 35MM lens camera 90° erector head	1	A,B,C
-6	176-66032	. WINDOW, 35MM lens camera 90° erector head	1	A,B,C
-7	176-66031	. PRISM, 35MM lens camera 90° erector head	1	A,B,C
-8	176-66033	. CASE, 35MM lens camera 90° erector head	1	A,B,C
-9	176-66005	. BRACE, Reticle camera erector head	1	B,*3
	191-66034	. BRACE ASSY, AN/N6 reticle camera erector head	1	A,*1
	191-66034-5	. . STRAP, AN/N6 reticle camera erector head	1	A,*1,*2
-10	AN515-2R6	. SCREW	4	B
	AN515-2R5	. SCREW	4	A,*1
-11	AN960D3	. WASHER	4	B
	2W18-3	. WASHER, Plain (North American)	4	A,*1

*1 Modified in accordance with T. O. 1F-86-203.
*2 Not used on 191-66034 when case has bosses extending the complete length of the case.
*3 Also used on airplanes 52-4764 thru 52-5113 and 52-5381 thru 52-5530 modified per T. O. 1F-86F-207.

USEABLE ON CODE:
A 51-13070 thru 51-13226, 52-4305 thru 52-4554
B 51-13227 thru 51-13510, 52-5114 thru 52-5271, 52-4555 thru 52-4745
B 52-5272 thru 52-5380, 53-1072 thru 53-1228
C 52-4746 thru 52-5113, 52-5381 thru 52-5530

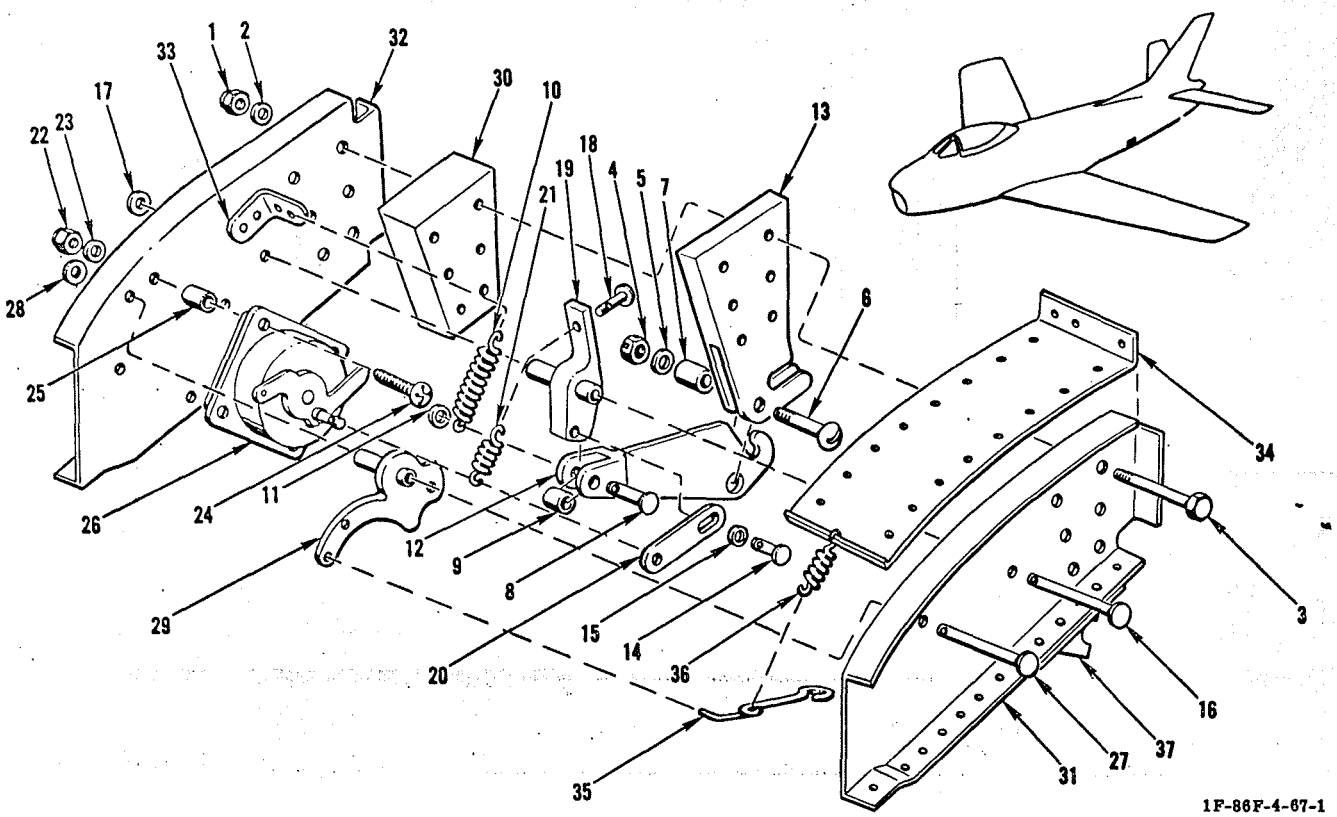


FIGURE 356 - TOW TARGET RELEASE MECHANISM INSTALLATION

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
356		TOW TARGET RELEASE MECHANISM INSTALLATION, (modified in accordance with T. O. 1F-86F-213)		
	161-67002	. MECHANISM ASSEMBLY, Two target release	1	
-1	AN365-1032	. . NUT	6	
-2	AN960D10	. . WASHER	6	
-3	AN3-17A	. . BOLT	6	
-4	AN320-4	. . NUT	1	
-5	AN960C416L	. . WASHER	1	
-6	AN24-12A	. . BOLT	1	
-7	NAS43C4-12	. . SPACER, Screw and bolt	1	
-8	AN393-17	. . PIN	1	
-9	AN201KP3A	. . BEARING	1	
-10	157-49019	. . SPRING	1	
-11	AN960D10L	. . WASHER	1	
-12	161-67006	. . HOOK, Tow target fuselage station 363 release	1	
-13	161-67005	. . HOOK, Tow target fuselage station 363 supporting	1	
-14	AN392-13	. . PIN	1	
-15	AN960C6	. . WASHER	2	
-16	AN393-53	. . PIN	1	
-17	AN960D10L	. . WASHER	1	
-18	AN392-7	. . PIN	1	
-19	157-49015	. . ROCKET, Forward ATO unit inboard cocking	1	
-20	4L2	. . LINK, Rel mech (North American (use 109-63035 until exh)	1	
-21	157-49018	. . SPRING, ATO unit fwd inboard rocker to solenoid	1	
-22	AN365-832	. . NUT	4	
-23	AN960D8L	. . WASHER	4	
-24	AN515-8R16	. . SCREW	4	
-25	NAS43C3-25	. . SPACER, Screw and bolt	4	
-26	C8001-1	. . SOLENOID ASSEMBLY, (G.H. Leland)	1	
-27	AN393-53	. . PIN	1	
-28	AN960D10L	. . WASHER	1	
-29	157-49055	. . BELLCRANK ASSY, ATO unit fwd manual release inboard	1	
-30	161-67013	. . SPACER, Tow target supporting hook	1	
-31	161-67003	. . INTERCOSTAL ASSY, Tow target fus sta 352.472 to 363 LH	1	
-32	161-67004	. . INTERCOSTAL ASSY, Tow target fus sta 352.472 to 363 RH	1	
-33	2C3-2	. . CLIP, (North American)	1	
-34	161-67009	. STRAP, Tow target intercostal support	1	
-35	161-67011	. LINK, Tow target manual release	1	
-36	157-49058	. SPRING, ATO unit fwd manual release inboard	1	
-37	161-67007	. FAIRING ASSEMBLY, Tow target release hook	1	

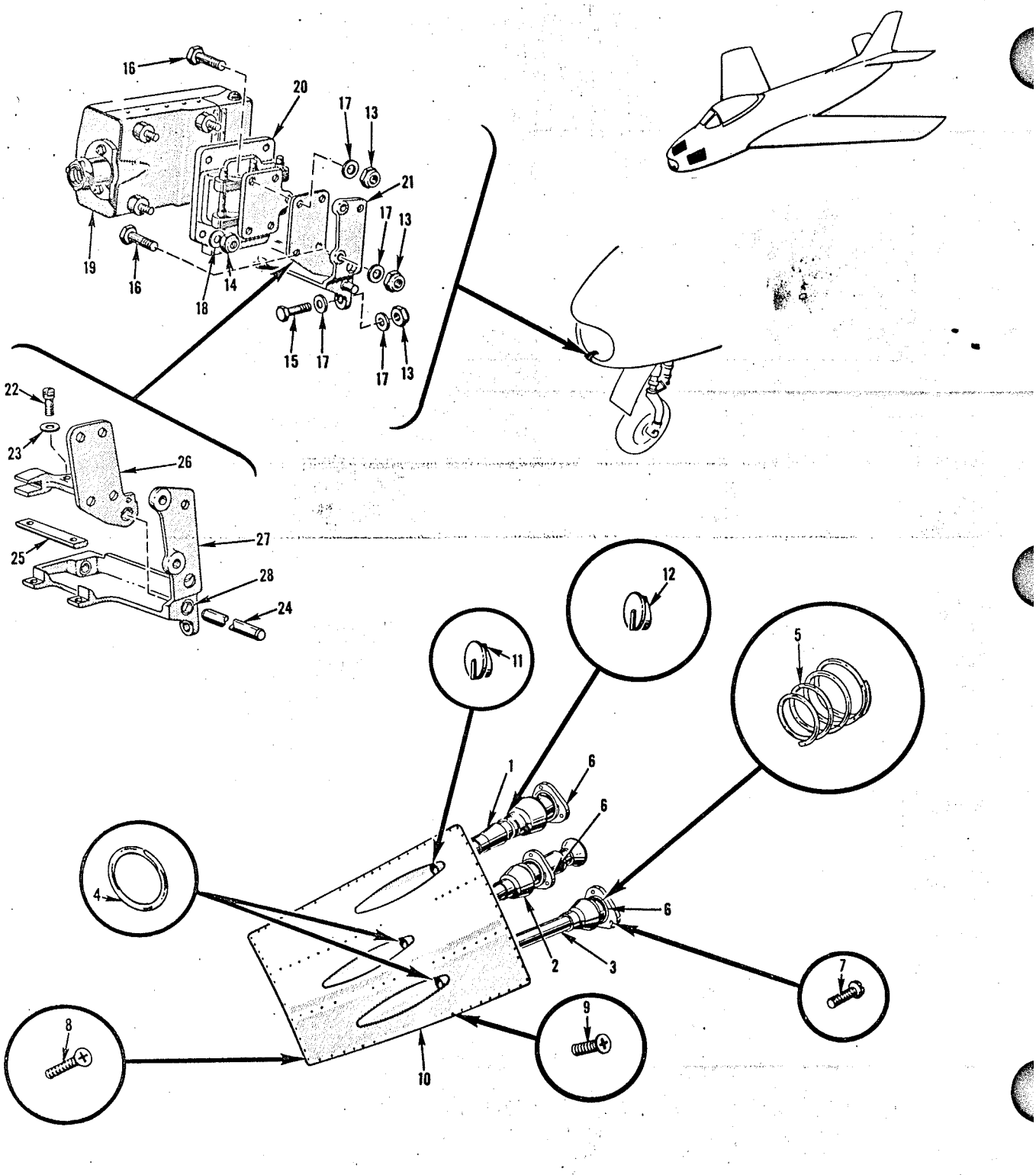


FIGURE 357 - OPEN PORT BLAST PANEL AND GUN CAMERA

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
357		OPEN PORT BLAST PANEL AND GUN CAMERA		
	161-61033	. PANEL INSTALLATION, Open port blast (see figure 350 for next assembly)	NP	
-1	140-61173	. . TUBE ASSEMBLY, 1L and 1R gun barrel blast complete	2	
-2	152-61174-5	. . TUBE ASSEMBLY, 2L and 2R gun barrel blast	2	
-3	152-61175-5	. . TUBE ASSEMBLY, 3L and 3R gun barrel blast	2	
-4	149-61078	. . . RING, Gun blast tube retaining	1	
-5	140-61177	. . SPRING, Gun blast tube retaining	6	
-6	140-61155	. . RETAINER, Blast tube spring	6	
-7	AN4-4A	. . BOLT	17	
-8	AN509-10R10	. . SCREW	14	
-9	AN509-10R9	. . SCREW	152	
-10	151-61180-1	. . PANEL ASSEMBLY, Gun blast open port LH	1	
	151-61180-2	. . PANEL ASSEMBLY, Gun blast open port RH	1	
	43537	. . . CLAMP, LH (Marman)	2	
	43538	. . . CLAMP, RH (Marman)	2	
-11	151-61172	. . PLUG, .50 caliber gun No. 1L and 1R blast port seal expendable	2	
-12	151-61196	. . PLUG, .50 caliber gun No. 2L, 3L, 2R and 3R blast port seal expendable	4	
	161-66001	. CAMERA INSTALLATION, Shock mounted gun	NP	A
	161-66001-10	. CAMERA INSTALLATION, Shock mounted gun	NP	B
-13	AN365-1032	. . NUT	8	
-14	AN365-1032	. . NUT	2	A
-15	AN3-5A	. . BOLT	2	
-16	AN3-6A	. . BOLT	6	
-17	AN960D10L	. . WASHER	10	
-18	AN960-10	. . WASHER	4	A
-19	No Number	. . CAMERA, Type AN-N6 gun (GFAE) (AERNO D4C2250)(Spec 75-336)	1	A
-20	151-66018	. . MOUNT ASSEMBLY, Gun camera	1	
-21	151-66023	. . MOUNT ASSEMBLY, Gun camera shock	1	
-22	AN503-8-6	. . . SCREW	2	
-23	AN960D8L	. . . WASHER	2	
-24	151-66021	. . . SLIDER, Gun camera shock mount	1	
-25	151-66022	. . . SLIDE, Gun camera mount	1	
-26	151-66020	. . . BRACKET, Gun camera shock mount sliding	1	
-27	151-66019	. . . SUPPORT ASSEMBLY, Gun camera shock mount	1	
-28	4B16CP6-12	. . . . BEARING, Sintered oil impregnated (North American)	2	

USEABLE ON CODE: A 51-2850 thru 51-13086
B 51-13087 thru 51-13510,
52-4305 thru 52-4745
52-5272 thru 52-5380

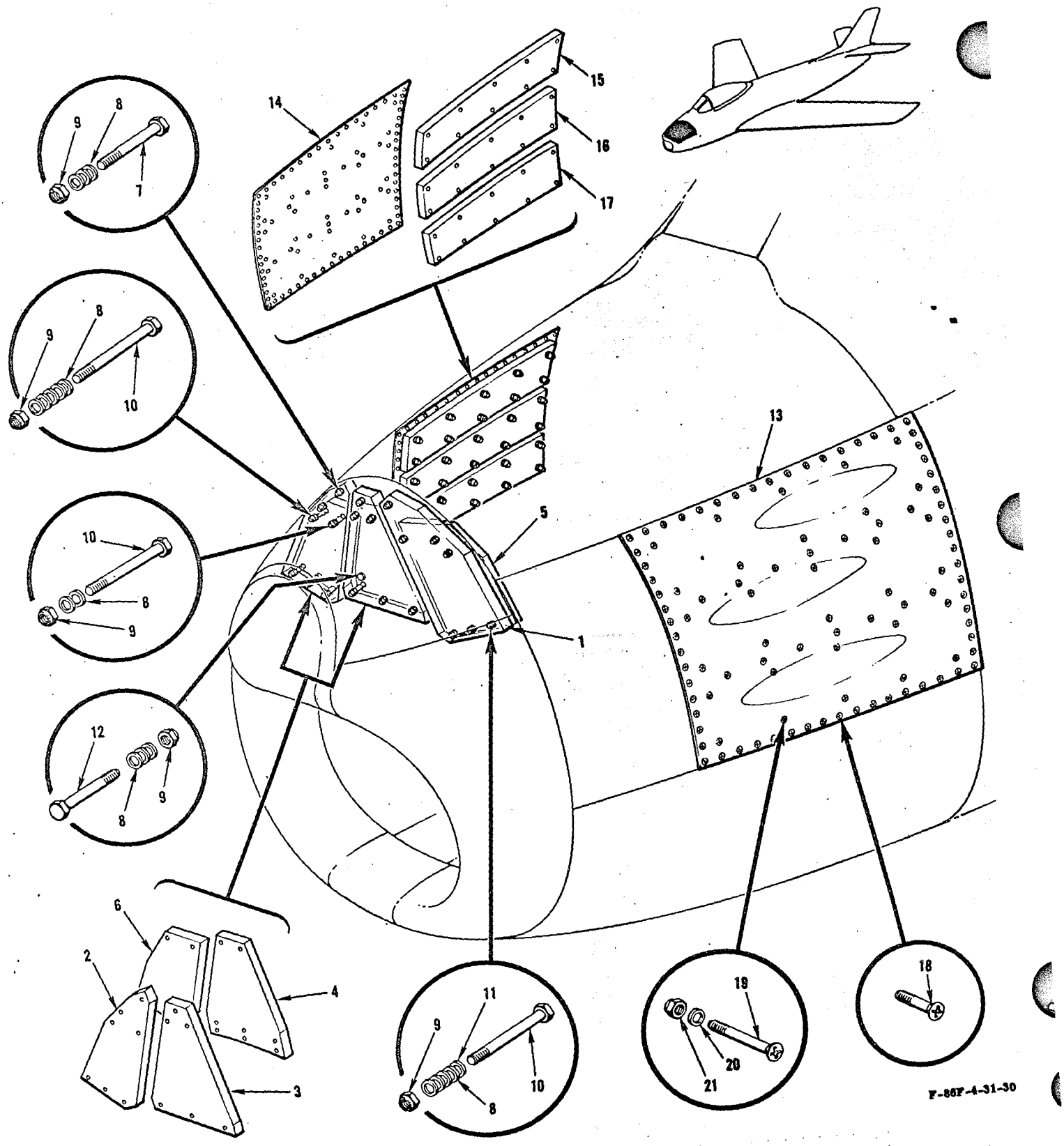


FIGURE 358 - BALLAST INSTALLATION

FUSELAGE ARMAMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
358	54FEF1519	*1	Ballast Assembly	NP	
-1	54FEC293L		. Ballast, Front LH	1	
-2	54FEC293R		. Ballast, Front RH	1	
-3	54FEC295		. Ballast, Front, Center	1	
-4	54FEC1520		. Ballast, Rear, Center	1	
-5	54FEC1521L		. Ballast, Rear LH	1	
-6	54FEC1521R		. Ballast, Rear RH	1	
-7	AN4-23A		. Bolt	5	
-8	AN960-416		. Washer	81	
-9	AN365-428		. Nut	23	
-10	AN4-43A		. Bolt	15	
-11	AN960-416L		. Washer	6	
-12	AN4-24A		. Bolt	3	
	54FEF1588	*1	Ballast Instl, Side Panel Nose	NP	
-13	54FEF487L		. Panel LH	1	
-14	54FEF487R		. Panel RH	1	
-15	54FED1587-1L		. Ballast, Side Panel, Nose LH	1	
	54FED1587-1R		. Ballast, Side Panel, Nose RH	1	
-16	54FED1587-2L		. Ballast, Side Panel, Nose LH	1	
	54FED1587-2R		. Ballast, Side Panel, Nose RH	1	
-17	54FED1587-3L		. Ballast, Side Panel, Nose LH	1	
	54FED1587-3R		. Ballast, Side Panel, Nose RH	1	
-18	AN509-10R9		. Screw	156	
-19	AN509-10R26		. Screw	60	
-20	AN970-3		. Washer	60	
-21	AN365-1032		. Nut	60	

*1 Used on RF-86F-30 airplanes only.

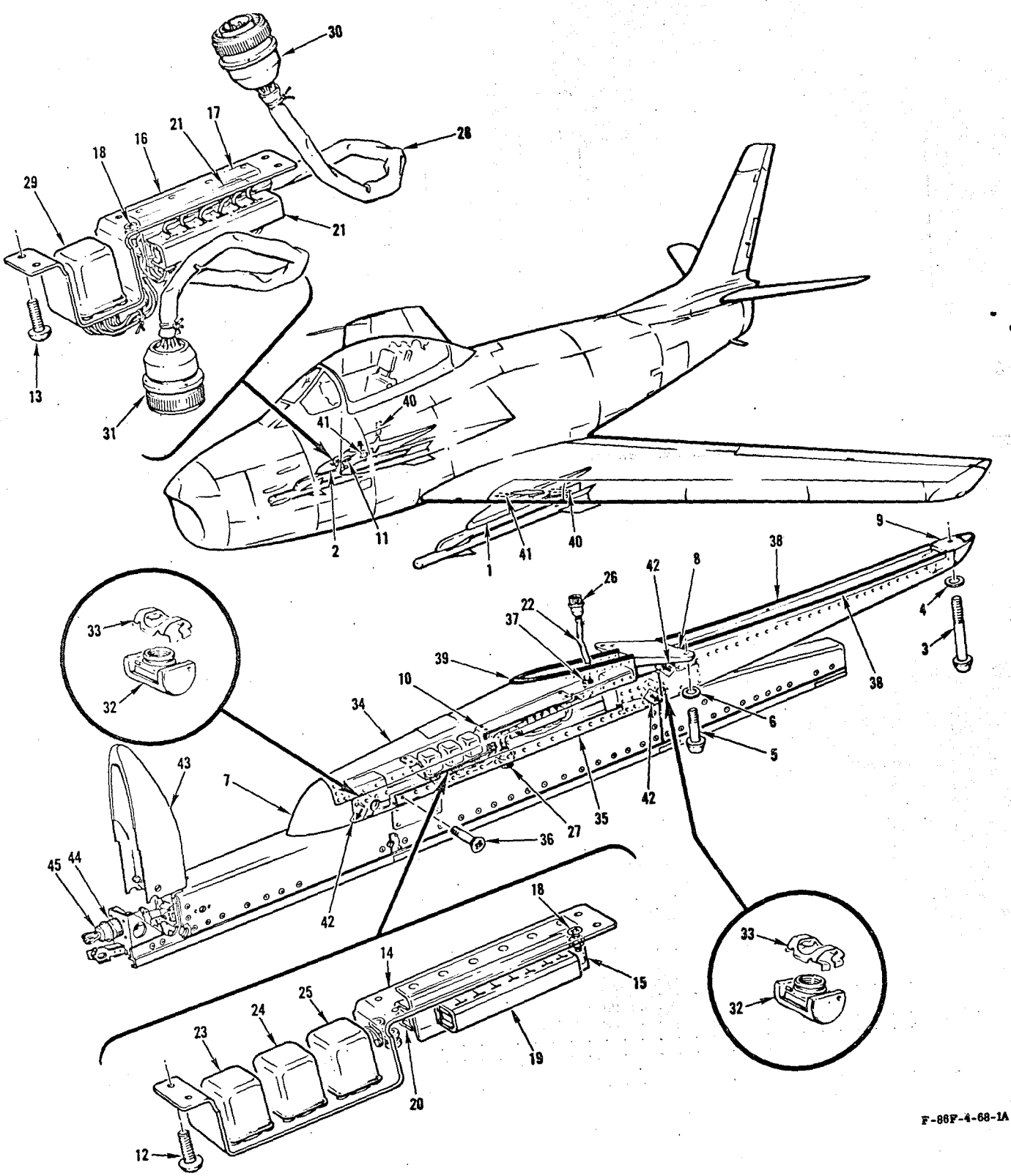


FIGURE 358A - GAR-8 SIDEWINDER MISSILE LH AND RH PYLON INSTALLATION (MOD)

Changed 18 September 1964

FUSELAGE ARMAMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
358A	202-681001-1	*1	PYLON INSTL, GAR-8 sidewinder missile LH (Mod)	NP	A
	202-681001-2	*1	PYLON INSTL, GAR-8 sidewinder missile RH (Mod)	NP	A
-1	202-681002-1		. PYLON ASSY, GAR-8 sidewinder missile LH	1	A
-2	202-681002-2		. PYLON ASSY, GAR-8 sidewinder missile RH	1	A
	ATTACHING PARTS				
-3	MS20005-26		. BOLT	1	A
-4	MS2000205		. WASHER	1	A
-5	MS20005-10		. BOLT	2	A
-6	MS2000205		. WASHER	2	A
	---*---				
-7	202-681003		. . SUPPORT, Launcher GAR-8 sidewinder missile pylon, fwd (LH and RH)	1	A
-8	202-681004-1		. . SUPPORT, Launcher GAR-8 sidewinder missile pylon front spar LH	1	A
	202-681004-2		. . SUPPORT, Launcher GAR-8 sidewinder missile pylon front spar RH	1	A
-9	202-681005-1		. . SUPPORT, GAR-8 sidewinder missile pylon, wing rear spar, LH	1	A
	202-681005-2		. . SUPPORT, GAR-8 sidewinder missile pylon, wing rear spar, RH	1	A
-10	202-540005		. . PANEL ASSY, Elec relay pylon GAR-8 sidewinder missile (used in LH wing pylon)	1	A
-11	202-54005-11		. . PANEL ASSY, Elec relay pylon GAR-8 sidewinder missile (used in RH wing pylon)	1	A
	ATTACHING PARTS				
-12	AN520-10R8		. . SCREW, (used in LH pylon)	6	A
-13	AN520-10R8		. . SCREW, (used in RH pylon)	5	A
	---*---				
-14	202-54005-3		. . . PLATE, Elec relay pylon panel (LH pylon)	1	A
-15	202-54005-7		. . . BRACKET, Elec relay pylon panel (LH pylon)	1	A
-16	202-54005-5		. . . PLATE, Elec relay pylon panel (RH pylon)	1	A
-17	202-54005-9		. . . BRACKET, Elec relay pylon panel (RH pylon)	1	A
-18	AN507-832R10		. . . SCREW, (LH & RH pylon)	1	A
	AN961-8		. . . WASHER	2	A
	AN936A8B		. . . WASHER	2	A
	AN341-8		. . . NUT	2	A
-19	AN3436-1-7		. . . TERMINAL BLOCK ASSY, (LH pylon)	1	A
	397-7		. . . COVER, (Henry Engineering)	1	A
-20	AN3436-1-9		. . . TERMINAL BLOCK ASSY, (LH pylon)	1	A
	397-9		. . . COVER, (Henry Engineering)	1	A
-21	AN3436-1-6		. . . TERMINAL BLOCK ASSY, (RH pylon)	2	A
	397-6		. . . COVER, (Henry Engineering)	2	A
-22	202-540002-101		. . WIRING HARNESS ASSY, Elec GAR-8 sidewinder (LH pylon)	1	A
-23	9224-3823		. . . RELAY, (Leach) (LH missile fire) (North American Spec NA5-7820-22)	1	A
-24	9224-3823		. . . RELAY, (Leach) (RH missile fire) (North American Spec NA5-7820-22)	1	A
-25	9224-3823		. . . RELAY, (Leach) (LH power interlock) (North American Spec NA5-7820-22)	1	A
-26	MS25183-20-27P		. . . PLUG, (LH pylon to wing disconnect)	1	A
-27	MS25183-20-27S		. . . PLUG, (pylon to LH Aero 3B launcher)	1	A
-28	202-540002-111		. . WIRING HARNESS ASSY, Elec GAR-8 sidewinder (RH pylon)	1	A
-29	9224-3823		. . . RELAY, (Leach) (RH power interlock) (North American Spec NA5-7820-22)	1	A
-30	MS25183-20-21P		. . . PLUG, (pylon to wing disconnect)	1	A
-31	MS25183-20-27S		. . . PLUG, (pylon to RH Aero 3B launcher)	1	A
-32	SL1421		. . BARREL NUT, (Shur-Lok) (LH & RH pylon)	2	A
-33	294088		. . RETAINER, Barrel nut (Shur-Lok) (LH & RH pylon)	2	A
-34	202-681002-23		. . FAIRING, GAR-8 sidewinder pylon, LH	1	A
	202-681002-24		. . FAIRING, GAR-8 sidewinder pylon, RH	1	A
-35	202-681002-7		. . DOOR, GAR-8 sidewinder pylon (LH & RH)	1	A
-36	7S15-416-14		. . SCREW	40	A
-37	NAS557-8C		. . GROMMET, (LH & RH)	1	A
-38	5W1-6-39-0		. . SEAL, (North American)	2	A
-39	5W1-8-27-0		. . SEAL, (North American)	1	A
-40	202-540017		. DECAL, Identification wing ext ferry beam (LH & RH)	1	A
-41	202-540013		. DECAL, Identification wing ext missile elec sys (LH & RH)	1	A
-42	202-540016		. DECAL, Arrow (LH & RH)	4	A
-43	AERO 3B		. LAUNCHER, Guided missile (Benrus) (BuAer 58A119D100) (bolts supplied with launcher) (refer to T.O.11L1-3-15-4 for breakdown)	1	A
-44	AN3102E22-14P		. . RECEPTACLE, (missile launcher) (RDI J4)	1	A
-45	22-145		. . PLUG ASSY, Shorting (missile launcher)	1	A

*1 Used on airplanes coded A modified per T.O. 1F-86F-533.

USEABLE ON CODE: A 51-13170 thru 51-13510,
52-5272 thru 52-5521,
52-5523 thru 52-5530,
52-4305 thru 52-5015,
52-5017 thru 52-5163

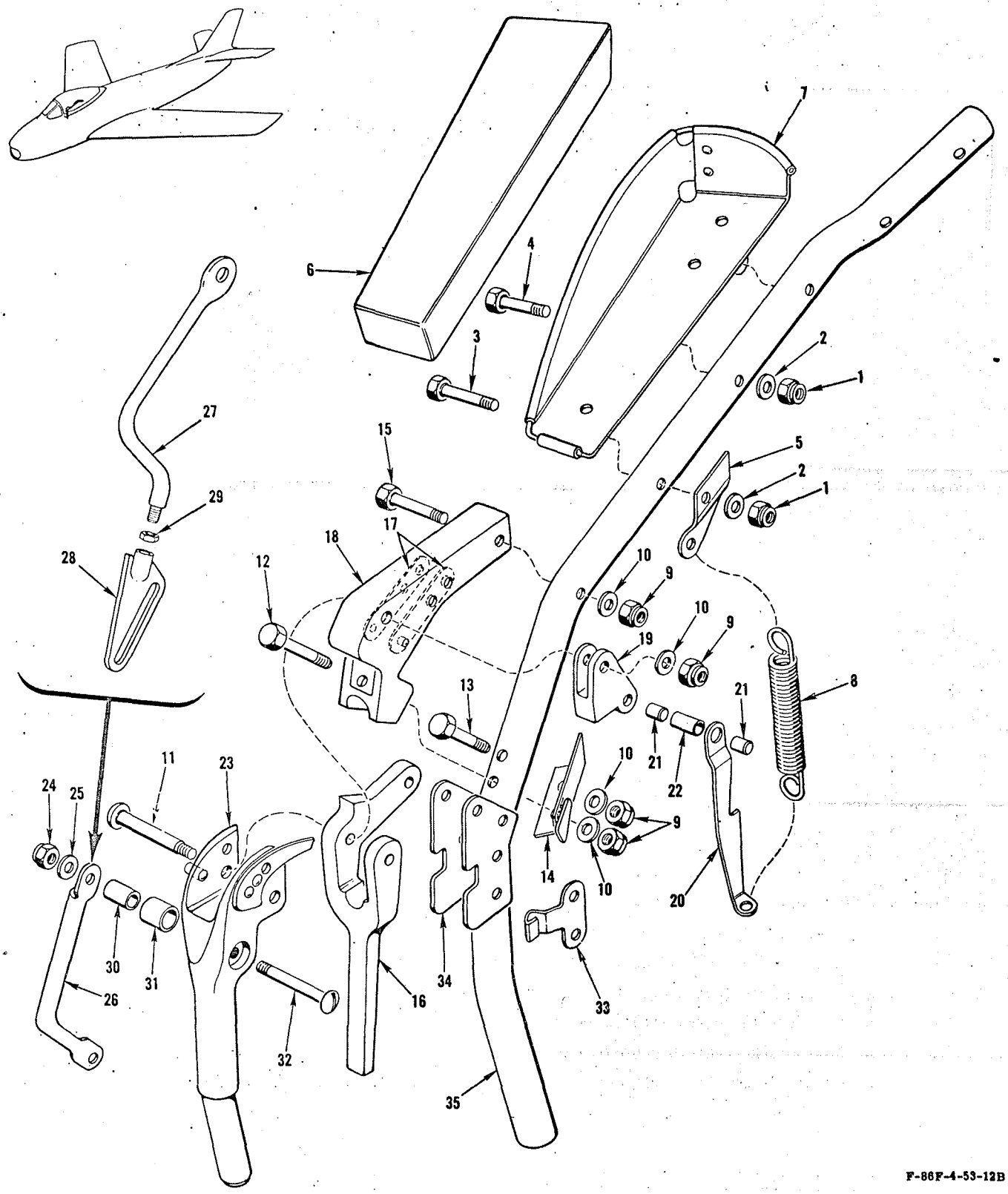


FIGURE 359 - COMPLETE PILOT'S SEAT ARMREST ASSEMBLY

FUSELAGE FURNISHINGS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
359	172-53130-2		REST ASSY, Pilot's ejection seat arm complete RH . . . . . (see figure 366 & 367 for next assy)	Ref	B,C
	172-53130-1		REST ASSY, Pilot's ejection seat arm complete LH . . . . . (see figure 366 & 367 for next assy)	Ref	B,C
	172-53130-12		REST ASSY, Pilot's ejection seat arm complete RH . . . . . (see figure 366 & 367 for next assy)	Ref	D
	172-53130-11		REST ASSY, Pilot's ejection seat arm complete LH . . . . . (see figure 366 & 367 for next assy)	Ref	D
	172-53130-22		REST ASSY, Pilot's ejection seat arm complete RH . . . . . (see figure 367 for next assy)	Ref	E
	172-53130-21		REST ASSY, Pilot's ejection seat arm complete LH . . . . . (see figure 367 for next assy)	Ref	E
-1	AN365-1032		. NUT	3	A
-2	AN960D10		. WASHER	3	A
-3	AN3-12A		. BOLT	2	A
-4	AN3-11A		. BOLT	1	A
-5	172-53110-2	*2	. CLIP, Ejection seat firing sequencing spring retaining RH	1	B,C,D
	172-53110-1	*2	. CLIP, Ejection seat firing sequencing spring retaining LH	1	B,C,D
-6	140-53024-32		. CUSHION ASSY, Pilot's ejection seat arm rest RH	1	A
	140-53024-31		. CUSHION ASSY, Pilot's ejection seat arm rest LH	1	A
-7	151-53085-2		. REST ASSY, Pilot's ejection seat arm RH	1	A
	151-53085-1		. REST ASSY, Pilot's ejection seat arm LH	1	A
-8	202-53127		. SPRING, Tension	1	B,C,D
-9	AN365-1032		. NUT	4	A
-10	AN960D10		. WASHER	4	A
-11	202-53040		. BOLT, Pilot's ejection seat handle	1	A
-12	AN3-13A		. BOLT	1	A
-13	AN3-11A		. BOLT	1	A
-14	172-53112-2	*4	. STOP ASSY, Ejection seat firing sequencing latch RH	1	A
	172-53112-1	*4	. STOP ASSY, Ejection seat firing sequencing latch LH	1	A
-15	AN3-12A		. BOLT	1	A
-16	202-53097-2		. TRIGGER, Ejection seat gun RH	1	B,C,D
	202-53097-1		. TRIGGER, Ejection seat gun LH	1	B,C,D
	202-53097-4		. TRIGGER, Ejection seat gun RH	1	E
	202-53097-3		. TRIGGER, Ejection seat gun LH	1	E
-17	151-53071		. SPRING ASSY, Pilot's ejection seat handle lock	1	A
	140-53029		. . PIN, Pilot's ejection seat trigger handle	1	A
	151-53070		. . SPRING, Pilot's ejection seat handle lock	1	A
-18	140-53094		. SUPPORT, Pilot's ejection seat handle	1	B,C
	140-53094-3		. SUPPORT, Pilot's ejection seat handle	1	D
	140-53094-5		. SUPPORT, Pilot's ejection seat handle	1	E
-19	172-53113-2		. BRACKET, Ejection seat firing sequencing latch RH	1	A
	172-53113-1		. BRACKET, Ejection seat firing sequencing latch LH	1	A
-20	172-53111-2		. LATCH, Ejection seat firing sequencing RH	1	A
	172-53111-1		. LATCH, Ejection seat firing sequencing LH	1	A
-21	NAS42C10-8		. SPACER, Rivet	2	A
-22	NAS42C5-22		. SPACER, Rivet	1	A
	172-53129-2		. HANDLE ASSY, Ejection seat canopy initiator firing RH	1	B,C
	172-53129-1	*1	. HANDLE ASSY, Ejection seat canopy initiator firing LH	1	B,C
	172-53129-12		. HANDLE ASSY, Ejection seat canopy initiator firing RH	1	D,E
	172-53129-11		. HANDLE ASSY, Ejection seat canopy initiator firing LH	1	D,E
-23	172-53128-2		. . HANDLE ASSY, Ejection seat canopy initiator firing RH	1	A
	172-53128-1		. . HANDLE ASSY, Ejection seat canopy initiator firing LH	1	A
	151-318142		. . . HANDLE, Pilot's emergency canopy release extension	1	A
-24	AN365-1032		. . NUT	1	A
-25	2W1AL13-12-40		. . WASHER, Plain (North American)	1	A
-26	172-31843-2	*2	. . LINK, Canopy emergency release cable RH	1	B,C
	172-31843-1	*2	. . LINK, Canopy emergency release cable LH	1	B,C
-27	202-31876-2	*3	. . LINK, Cockpit encl canopy emer release rod RH	1	A
	202-31876-1	*3	. . LINK, Cockpit encl canopy emer release rod LH	1	A
-28	202-31879-2	*3	. . LINK END ASSY, Cockpit encl canopy emer release rod RH	1	A
	202-31879-1	*3	. . LINK END ASSY, Cockpit encl canopy emer release rod LH	1	A
-29	AN316-428	*3	. . NUT	1	A
-30	NAS43DD3-40		. . SPACER, Screw	1	A
-31	NAS43DD5-32		. . SPACER, Screw and bolt	1	A
-32	AN23-31A		. . BOLT	1	A
-33	202-53087-1		. SPRING, Pilot's ejection seat trigger retaining LH	1	A
	202-53087-2		. SPRING, Pilot's ejection seat trigger retaining RH	1	A
-34	170-53041-3		. GUARD, Pilot's ejection seat trigger	1	A
-35	170-53046		. TUBE, Pilot's ejection seat arm rest	1	A

*1 Reworked per T. O. 1F-86-227.
*2 Not used on airplanes 53-1072 thru 53-1228 modified per T. O. 1F-86-227.
*3 Refer to T. O. 1F-86-227.
*4 Refer to T. O. 1F-86F-519.

USEABLE ON CODE:
A 53-1072 and subs
B 53-1072 thru 53-1096
C 53-1097 thru 53-1171
D 53-1172 thru 53-1228
E 55-3816 and subs

FUSELAGE FURNISHINGS (Cont)

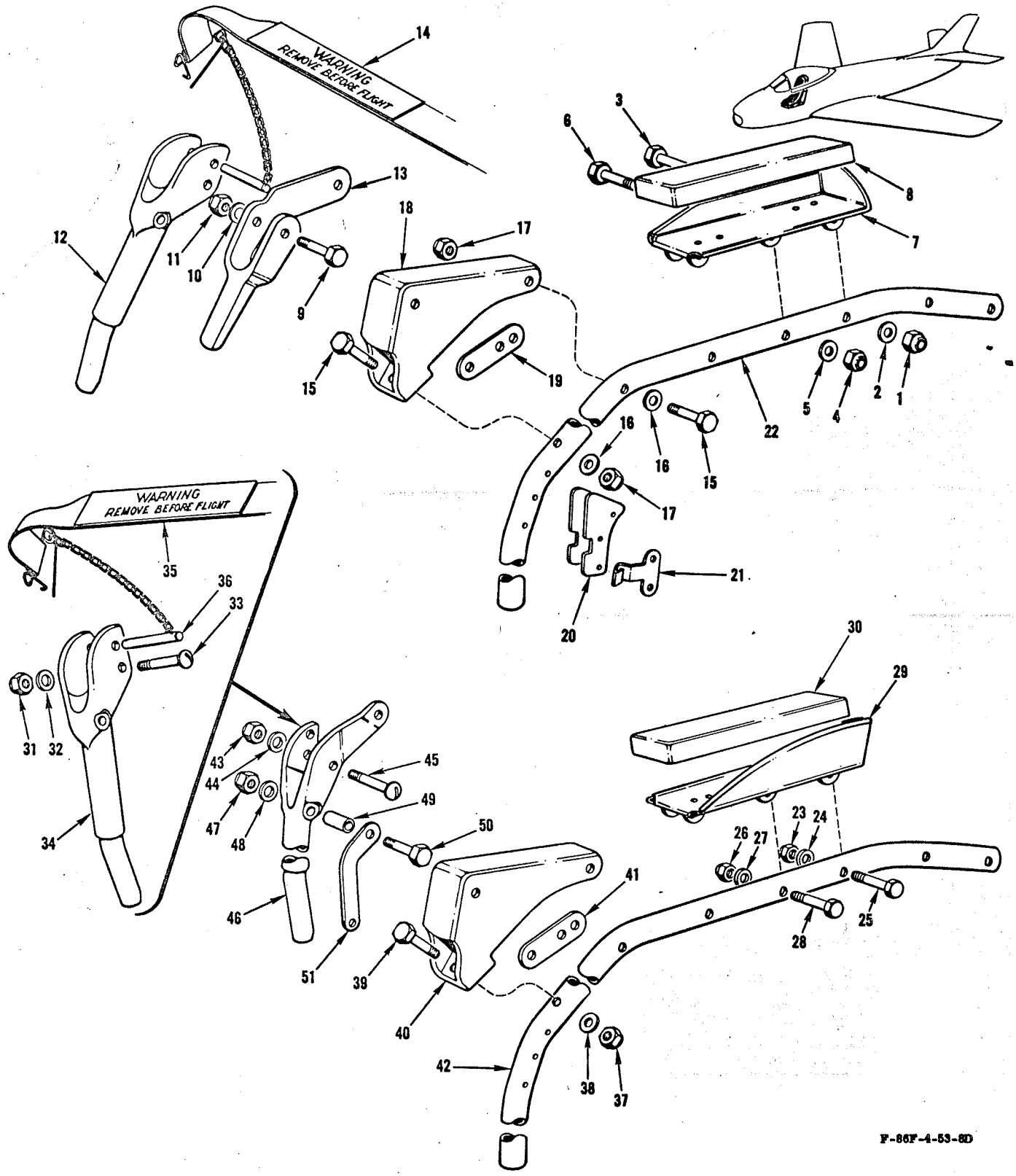


FIGURE 360 - COMPLETE PILOT'S EJECTION SEAT ARMREST ASSEMBLY

FUSELAGE FURNISHING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
360		COMPLETE PILOT'S EJECTION SEAT ARM REST ASSEMBLY		
	152-53011-54	. REST ASSY, Pilot's ejection seat arm complete RH (see fig. 366 for next assy)	Ref	A,B,C
-1	AN365-1032	. . NUT	1	A,B
-2	AN960-10	. . WASHER	1	A,B
-3	AN3-12A	. . BOLT	1	A,B
-4	AN365-1032	. . NUT	2	A,B
-5	AN960-10L	. . WASHER	2	A,B
-6	AN3-11A	. . BOLT	2	A,B
-7	151-53085-2	. . REST ASSY, Pilot's ejection seat arm RH	1	A,B
-8	140-53024-32	. . CUSHION ASSY, Pilot's ejection seat arm rest RH (use 140-53024-22 untl exh)	1	A,B
-9	AN23-34A	. . BOLT	1	A,B
-10	AN960D10L	. . WASHER	1	A,B
-11	AN365-1032	. . NUT	1	A,B
-12	140-53095-6	. . HANDLE ASSY, Pilot's ejection seat RH	1	A,B
	140-53095-5	. . . HANDLE, Pilot's ejection seat RH	1	A,B
	151-318142	. . . HANDLE, Pilot's emer canopy release extension	1	A,B
-13	170-53097	. . TRIGGER, Pilot's ejection seat gun	1	A,B
-14	151-53073-21	. . LOCK ASSY, Ejection seat gun firing handle	1	C
	134-31925	. . . PIN, Engine mount removable pin retaing	1	C
	9C1-3-5	. . . CHAIN, (North American)	1	C
	151-53073-5	. . . PIN, Ejection seat gun firing handle lock	1	C
-15	AN3-12A	. . BOLT	2	A,B
-16	AN960-10L	. . WASHER	2	A,B
-17	AN365-1032	. . NUT	2	A,B
-18	140-53094	. . SUPPORT, Pilot's ejection seat handle	1	A,B
-19	151-53071	. . SPRING ASSY, Pilot's ejection seat handle lock	1	A,B
-20	170-53041-3	. . SPRING ASSY, Pilot's ejection seat handle lock (use 170-53041 untl exh)	1	A,B
-21	202-53087-1	. . SPRING, Pilot's ejection seat trigger retaining LH	1	A,B
	202-53087-2	. . SPRING, Pilot's ejection seat trigger retaining RH	1	A,B
-22	170-53046-2	. . TUBE, Pilot's ejection seat arm rest RH	1	A,B
	152-53011-51	. REST ASSY, Pilot's ejection seat arm rest LH (see fig. 366 for next assy)	Ref	A
	152-53011-53	. REST ASSY, Pilot's ejection seat arm rest LH (see fig. 366 for next assy)	Ref	B
-23	AN365-1032	. . NUT	1	A
	AN310-3	. . NUT	1	B
-24	AN960-10	. . WASHER	1	A,B
-25	AN3-12A	. . BOLT	1	A
	AN3-12	. . BOLT	1	B
-26	AN365-1032	. . NUT	2	A,B
-27	AN960-10L	. . WASHER	2	A,B
-28	AN3-11A	. . BOLT	2	A,B
-29	151-53085-1	. . REST ASSY, Pilot's ejection seat arm LH	1	A,B
-30	140-53024-31	. . CUSHION ASSY, Pilot's ejection seat arm rest LH (use 140-53024-21 untl exh)	1	A,B
-31	AN310-3	. . NUT	1	A,B
-32	AN960-10L	. . WASHER	1	A,B
-33	AN23-25	. . BOLT	1	A,B
-34	140-53095	. . HANDLE ASSY, Pilot's ejection seat gun LH	1	A
	151-53073	. . LOCK ASSY, Ejection seat gun firing handle (whn exh use 151-53073-10 or -21)	1	A
	151-53073-10	. . LOCK ASSY, Ejection seat gun firing handle (use 151-53073 untl exh)(whn exh use 151-53073-21)	1	A
-35	151-53073-21	. . LOCK ASSY, Ejection seat gun firing handle (use 151-53073 or -10 untl exh)	1	A
	134-31925	. . . PIN, Engine mount removable pin retaining (on 151-53073 and -21)	1	A
	191-53106-3	. . . PIN, Pilot's ejection seat handle lock (on 151-53073-10)	1	A
-36	151-53073-5	. . . PIN, Pilot's ejection seat handle lock (on 151-53073-21)	1	A
	9C1-3-5	. . . CHAIN, (North American) (on 151-53073-21)	1	A
-37	AN365-1032	. . NUT	2	A,B
-38	AN960-10L	. . WASHER	2	A,B
-39	AN3-12A	. . BOLT	2	A,B
-40	140-53094	. . SUPPORT, Pilot's ejection seat handle	1	A,B
-41	151-53071	. . SPRING ASSY, Pilot's ejection seat handle lock	1	A,B
-42	170-53046-1	. . TUBE, Pilot's ejection seat arm rest LH	1	A,B
-43	AN365-1032	. . NUT	1	B
-44	AN960-10	. . WASHER	1	B
-45	AN23-25A	. . BOLT	1	B
-46	170-53021	. . HANDLE ASSY, Pilot's ejection seat	1	B
	170-53021-3	. . . HANDLE, Pilot's ejection seat	1	B
	151-318142	. . . HANDLE, Pilot's emer canopy release extension	1	B
-47	AN365-1032	. . NUT	1	B
-48	AN960C10L	. . WASHER	1	B
-49	4S4D6-6	. . SPACER, Bolt (North American)	1	B
-50	AN3-15A	. . BOLT	1	B
-51	172-53060	. . LINK, Ejection seat inertia reel cable	1	B

See fig. 361 for airplanes 51-2850 thru 52-5530 that have been modified per T. O. 1F-86-161, -217, -230 & -227.

USEABLE ON CODE: A 51-2850 thru 51-13129
B 51-13130 thru 52-5530
C 51-13130 thru 51-13454, 52-4305 thru 52-4804

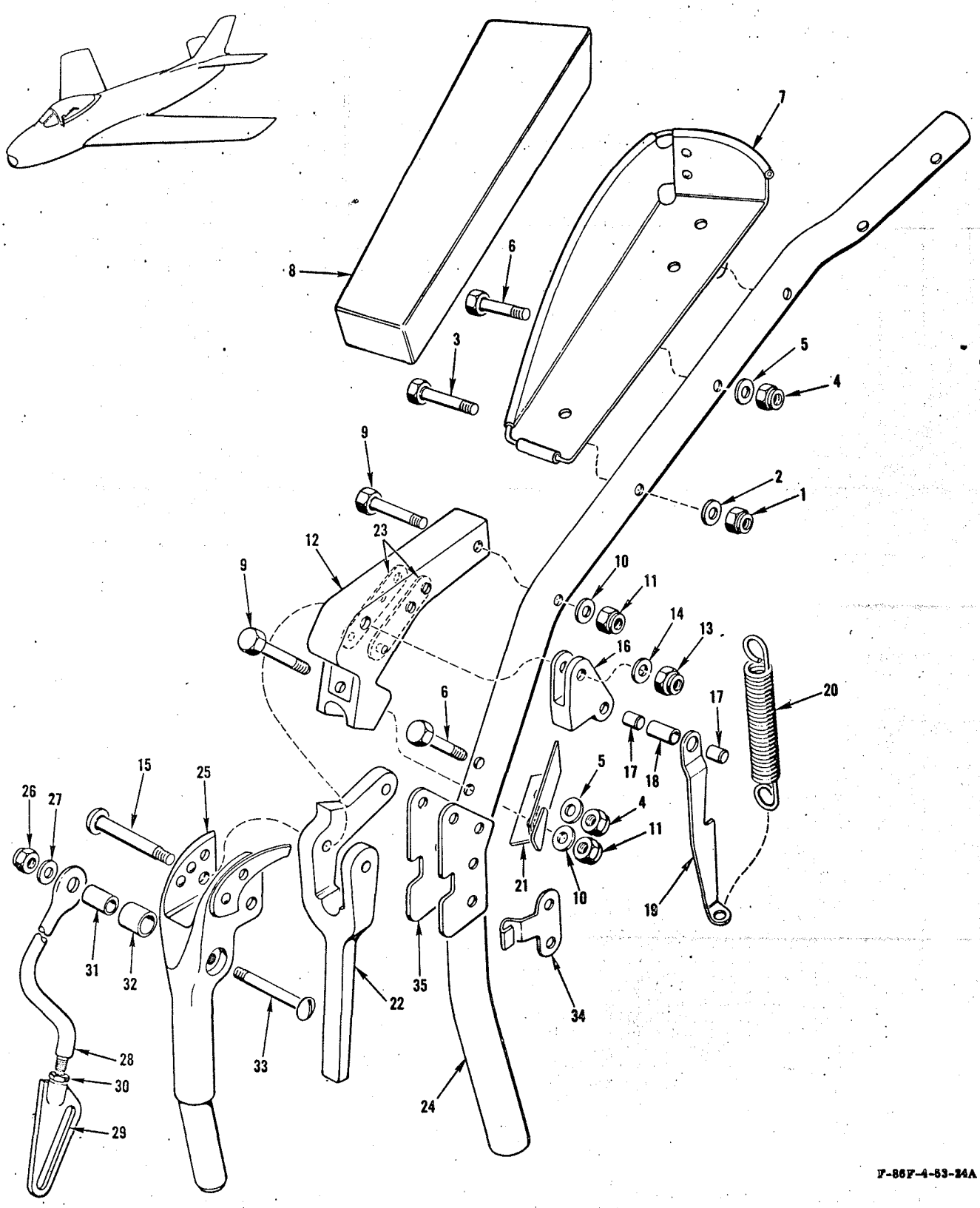


FIGURE 361 - COMPLETE PILOT'S SEAT ARMREST ASSEMBLY (MODIFICATION)

FUSELAGE FURNISHINGS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
361	152-53011-54	*1	REST ASSY, Pilot's ejection seat arm complete RH (modification) (see fig. 367 for next assy)	Ref	A,B
	152-53011-51	*1	REST ASSY, Pilot's ejection seat arm complete LH (modification) (see fig.367 for next assy)	Ref	A
	152-53011-53	*1	REST ASSY, Pilot's ejection seat arm complete LH (modification) (see fig. 367 for next assy)	Ref	B
-1	AN365-1032	.	NUT	1	C
-2	AN960-10	.	WASHER	1	C
-3	AN3-12A	.	BOLT	1	C
-4	AN365-1032	.	NUT	3	C
-5	AN960-10L	.	WASHER	3	C
-6	AN3-11A	.	BOLT	3	C
-7	151-53085-2	.	REST ASSY, Pilot's ejection seat arm RH	1	C
	151-53085-1	.	REST ASSY, Pilot's ejection seat arm LH	1	C
-8	140-53024-32	.	CUSHION ASSY, Pilot's ejection seat arm rest RH (use 140-53024-22 untl exh)	1	C
	140-53024-31	.	CUSHION ASSY, Pilot's ejection seat arm rest LH (use 140-53024-21 untl exh)	1	C
-9	AN3-12A	.	BOLT	2	C
-10	AN960-10L	.	WASHER	2	C
-11	AN365-1032	.	NUT	2	C
-12	140-53094	.	SUPPORT, Pilot's ejection seat handle	1	C
-13	AN365-1032	.	NUT	1	C
-14	2W18-10	.	WASHER, Flat (North American)	1	C
-15	202-53040	.	BOLT, Pilot's ejection seat trigger		C
-16	172-53113-2	.	BRACKET, Ejection seat firing sequencing latch RH	1	C
	172-53113-1	.	BRACKET, Ejection seat firing sequencing latch LH	1	C
-17	NAS42C10-8	.	SPACER, Rivet	2	C
-18	NAS42C5-22	.	SPACER, Rivet	1	C
-19	172-53111-2	.	LATCH, Ejection seat firing sequencing RH	1	C
	172-53111-1	.	LATCH, Ejection seat firing sequencing LH	1	C
-20	202-53127	.	SPRING, Tension	1	C
-21	172-53112-2	.	STOP ASSY, Ejection seat firing sequencing latch RH	1	C
	172-53112-1	.	STOP ASSY, Ejection seat firing sequencing latch LH	1	C
-22	202-53097-2	.	TRIGGER, Ejection seat gun RH	1	C
	202-53097-1	.	TRIGGER, Ejection seat gun LH	1	C
-23	151-53071	.	SPRING, Pilot's ejection seat handle lock	1	C
-24	170-53046-2	.	TUBE, Pilot's ejection seat arm rest RH	1	C
	170-53046-1	.	TUBE, Pilot's ejection seat arm rest LH	1	C
	140-53095-6	.	HANDLE ASSY, Pilot's ejection seat RH	1	C
	172-53129-11	.	HANDLE ASSY, Ejection seat canopy initiator firing LH	1	C
-25	140-53095-5	. .	HANDLE, Pilot's ejection seat RH	1	C
	172-53114-2	. .	RELEASE, Ejection seat firing sequencing latch RH	1	C
	151-318142	. .	HANDLE, Pilot's emer canopy release extension	1	C
	172-53128-1	. .	HANDLE ASSY, Ejection seat canopy initiator firing LH	1	C
	151-318142	. . .	HANDLE, Pilot's emer canopy release extension	1	C
-26	AN365-1032	. .	NUT	1	C
-27	2W1AL13-12-40	. .	WASHER, Plain (North American)	1	C
-28	202-31876-2	. .	LINK, Cockpit encl canopy emer release rod RH	1	C
	202-31876-1	. .	LINK, Cockpit encl canopy emer release rod LH	1	C
-29	202-31879-2	. .	LINK END ASSY, Cockpit encl canopy emer release rod RH	1	C
	202-31879-1	. .	LINK END ASSY, Cockpit encl canopy emer release rod LH	1	C
-30	AN316-428	. .	NUT	1	C
-31	NAS43DD3-40	. .	SPACER, Screw and bolt	1	C
-32	NAS43DD5-32	. .	SPACER, Screw and bolt	1	C
-33	AN23-30A	. .	BOLT	1	C
-34	202-53087-1	.	SPRING, Pilot's ejection seat trigger retainer LH	1	C
	202-53087-2	.	SPRING, Pilot's ejection seat trigger retainer RH	1	C
-35	170-53041-3	.	GUARD, Pilot's ejection seat trigger	1	C

*1 Used on airplanes 51-2850 thru 52-5530 modified per T. O. 1F-86H-227; refer also to T. O. 1F-86-161, T. O. 1F-86-217, and T. O. 1F-86-230.

See fig. 360 for airplanes 51-2850 thru 52-5530 that have not been modified per the above mentioned tech. orders.

USEABLE ON CODE: A 51-2850 thru 51-13129
B 51-13130 thru 52-5530
C 51-2850 thru 52-5530

FUSELAGE FURNISHINGS (Cont)

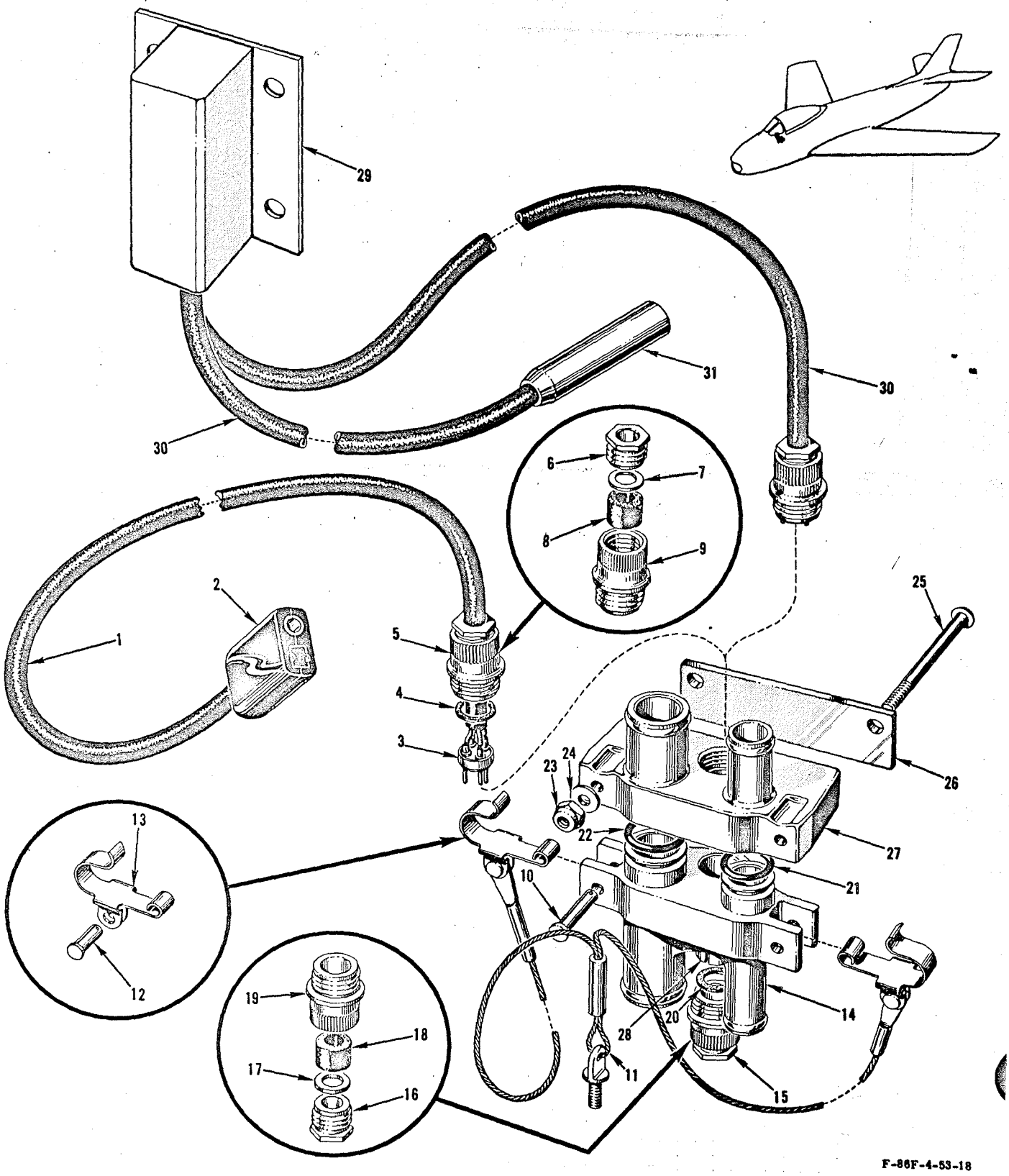


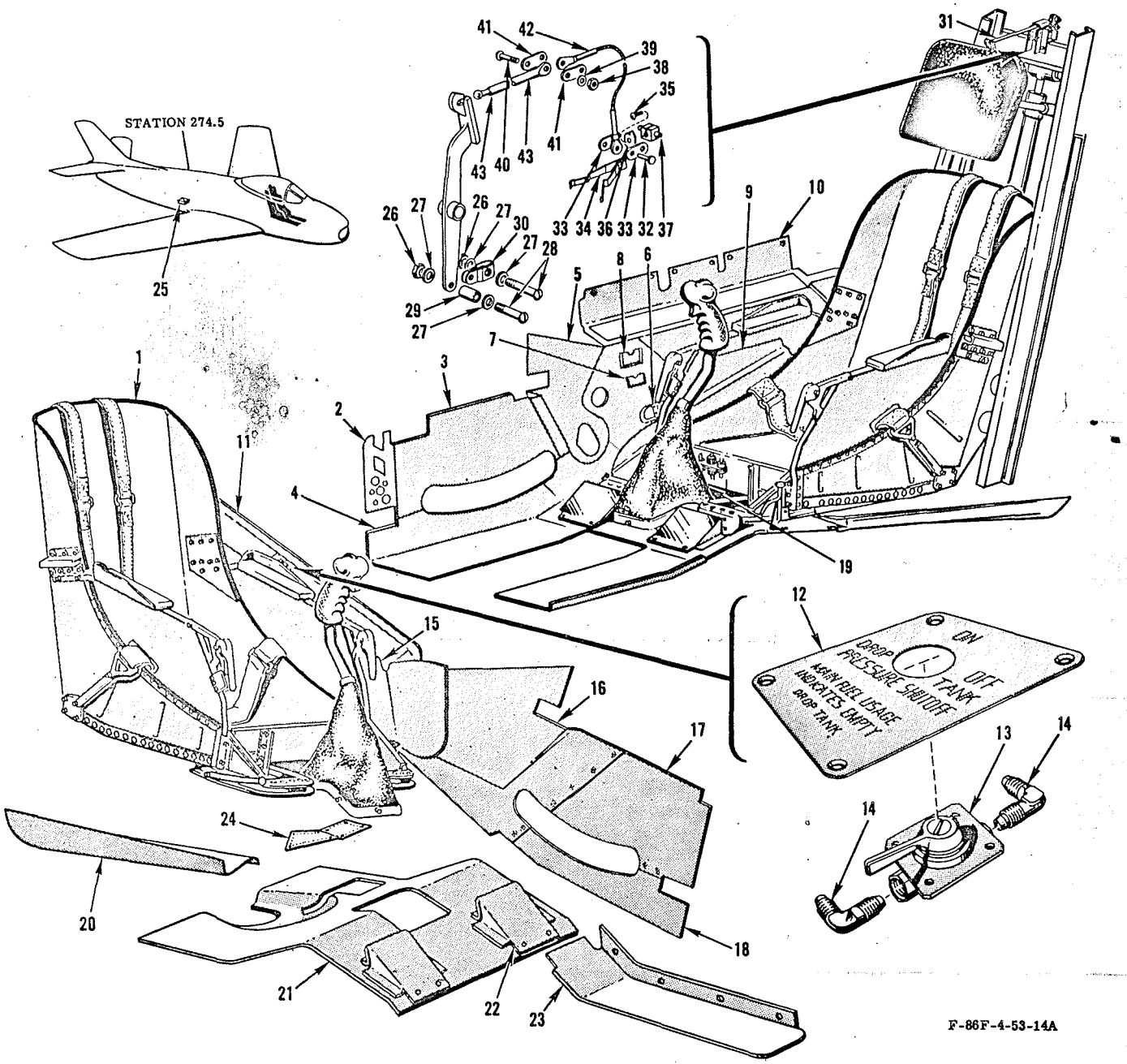
FIGURE 362 - PILOT'S QUICK DISCONNECT BLOCK

FUSELAGE FURNISHINGS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
362	No Number	PILOT'S QUICK DISCONNECT BLOCK, (see figure 363 for next assy)	NP	
	165-71060	. CORD ASSEMBLY, Radio microphone and headset	1	
-1	165-71060-3	. . CORD, Radio microphone and headset (U.S. Rubber part No. WF5/U)	1	*1
-2	U61/U	. . JACK, Microphone and headset (Molded Insulation)	1	*1
-3	14S2P	. . INSERT ASSEMBLY, (Cannon)	1	*2
-4	2W1P28-18-31	. . WASHER, Plain (North American)	1	
-5	165-71070	. . BUSHING ASSEMBLY, Radio cable plastic protector	1	
-6	165-71069	. . . CAP, Radio cable plastic protector bushing	1	
-7	2W1ALP21-14-32	. . . WASHER, Plain (North American)	1	
-8	2W1R18-15-250	. . . WASHER, Plain (North American)	1	
-9	165-71059	. . . BUSHING, Radio cable plastic protector	1	
-10	AN393-27	. PIN	2	
-11	165-53112	. CABLE ASSY, Pilot's ejection seat personal leads disconnect	1	
-12	AN393-7	. . PIN	2	
-13	165-53103	. . SPRING, Pilot's personal leads quick disconnect lock clip	2	
-14	165-53102	. FITTING ASSY, Pilot's personal leads quick disconnect lower	1	
-15	165-71070-3	. BUSHING ASSY, Radio cable plastic protector	1	
-16	165-71069	. . CAP, Radio cable plastic protector bushing	1	
-17	2W1ALP16-14-32	. . WASHER, Plain (North American)	1	
-18	2W1R14-15-250	. . WASHER, Plain (North American)	1	
-19	165-71059	. . BUSHING, Radio cable plastic protector	1	
-20	2W1P24-18-63	. WASHER, Plain (North American)	1	
-21	AN6227-11	. PACKING	1	
-22	AN6227-13	. PACKING	1	
-23	AN365-1032	. NUT	2	
-24	AN960-10L	. WASHER	2	
-25	NAS221-31	. SCREW, Brazier head Phillips recess aluminum alloy 10-32	2	
-26	170-53012	. SHIM, Personal leads quick disconnect	1	
-27	165-53101	. FITTING ASSY, Pilot's personal leads quick disconnect upper	1	
-28	14S2S	. INSERT ASSEMBLY, (Cannon)	1	*2
-29	MX1646/A1C	. BOX HEADSET - Microphone adapter (Permoflux)	1	*3
-30	WF14/U	. CORD HEADSET - Microphone (U.S. Rubber) (furnished with MX1646/A1C)	2	*3
-31	U92 A/U	. JACK, Headset-Microphone (Molded Insulation) (furnished with MX1646/A1C)	1	*3

*1 Not used on airplanes modified per T. O. 1F-86-530.
*2 Modified per T. O. 1F-86-530.
*3 Used on airplanes modified per T. O. 1F-86-530.

FUSELAGE FURNISHINGS (Cont)



F-86F-4-53-14A

FIGURE 363 - COMPLETE FURNISHINGS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
363	170-53001	FURNISHINGS INSTALLATION, Complete (see fig. 108 for next assy)	NP	B
	170-53001-50	FURNISHINGS INSTALLATION, Complete (see fig. 108 for next assy)	NP	J
	202-53001	FURNISHINGS INSTALLATION, Complete (see figure 108)	NP	M
	202-53001-11	FURNISHINGS INSTALLATION, Complete (see figure 108)	NP	AH
	No Number	. PILOT'S QUICK DISCONNECT BLOCK, (see fig. 362 for breakdown)	NP	
	No Number	. EJECTION SEAT CATAPULT INITIATORS AND LOCKING PINS, ... (see figure 364 & 365 for breakdown)	NP	
-1	170-53009-10	. SEAT ASSY, Pilot's ejection (see figure 366 for breakdown) .	1	A
	170-53009-30	. SEAT ASSY, Pilot's ejection (see figure 366 for breakdown) .	1	E
	176-53009	. SEAT ASSY, Pilot's ejection (see figure 366 for breakdown) . (use 176-53009-10 until exh)	1	H
	176-53009-10	. SEAT ASSY, Pilot's ejection (use 176-53009 until exh) . . . . (see figure 366)	1	H
	202-53009	. SEAT ASSY, Pilot's ejection (see figure 366)	1	AD
	202-53009-11	. SEAT ASSY, Pilot's ejection (see figure 366)	1	AE
	202-53009-21	. SEAT ASSY, Pilot's ejection (see figure 366)	1	AF
	227-53009	. SEAT ASSY, Pilot's ejection (see figure 367)	1	AH

FUSELAGE FURNISHINGS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
363-2	151-53055	.	PANEL ASSY, RH console front upper	1	
-3	151-53061	.	PANEL ASSY, RH console upper front intermediate	1	
-4	151-53054-2	.	PANEL ASSY, Console front lower RH	1	
-5	172-53064	.	PANEL ASSY, RH console intermediate	1	B
	172-53064-10	.	PANEL ASSY, RH console intermediate	1	M
	172-53064-20	.	PANEL ASSY, RH console intermediate	1	L
	172-53064-30	.	PANEL ASSY, RH console intermediate	1	K,M
-6	A6029-832-1	.	. FASTENER, (Tinnerman)	1	
-7	15C1-7	.	. HOLDER, Freq channel designation card assy (North American)	1	
-8	AN5800-1	.	. HOLDER ASSY, Correction card	1	M,N
	48143	.	. PLUG BUTTON, (United-Carr)	1	
-9	170-53063	.	PANEL ASSEMBLY, RH console rear	1	
-10	161-53064-40	.	PANEL ASSEMBLY, Console top RH complete	1	D
	161-53064-60	.	PANEL ASSEMBLY, Console top RH complete	1	F
	161-53064-50	.	PANEL ASSEMBLY, Console tup RH complete	1	X
	161-53064-80	.	PANEL ASSEMBLY, Console top RH complete	1	M,V
	161-53064-90	.	PANEL ASSEMBLY, Console top RH complete	1	W
	161-53064-100	.	PANEL ASSEMBLY, Console top RH complete	1	AJ
	161-53064-110	.	PANEL ASSEMBLY, Console top RH complete	1	AK
-11	172-53050	.	PANEL ASSEMBLY, Console top LH	1	C
	172-53050-11	.	PANEL ASSEMBLY, Console top LH	1	G
	172-53050-15	.	PANEL ASSEMBLY, Console top LH	1	Y
	172-53050-19	.	PANEL ASSEMBLY, Console top LH	1	Z
	172-53050-29	.	PANEL ASSEMBLY, Console top LH	1	AA
	172-53050-31	.	PANEL ASSEMBLY, Console top LH	1	AB
-12	151-48225	.	. DIAL, Drop fuel tanks pressure shut-off valve	1	C,G,J,M
	151-48216	.	. VALVE ASSY, Drop fuel tanks press. shut-off (whn exh use 172-48230)	1	C,G,J,M
	172-48230	.	. VALVE ASSY, Drop fuel tanks press. shut-off (use 151-48216 until exh)	1	C,G,J,M
-13	W6100-1/4D	.	. . PLUG VALVE, (Whittaker) (used on 151-48216)	1	C,G,J,M
	32222	.	. . PLUG VALVE, (Koehler) (used on 172-48230)	1	C,G,J,M
-14	AN822-6B	.	. . ELBOW	2	C,G,J,M
-15	151-53051-20	.	PANEL ASSEMBLY, Console rear side LH	1	D,N
	151-53051-30	.	PANEL ASSEMBLY, Console rear side LH	1	P,R
	151-53051-40	.	PANEL ASSEMBLY, Console rear side LH	1	M
-16	191-53071 *2	.	PANEL ASSEMBLY, Console intermediate side LH	1	
-17	151-53053-10	.	PANEL ASSEMBLY, Console front upper LH	1	B
	176-53053	.	PANEL ASSEMBLY, Console front upper LH	1	J,M
-18	151-53054-21	.	PANEL ASSEMBLY, Console front lower LH	1	
-19	170-53083	.	BOOT ASSEMBLY, Control stick	1	B
	170-53083-50	.	BOOT ASSEMBLY, Control stick	1	J,M
-20	170-53032-1, -2	.	FLOOR ASSEMBLY, Rear cockpit LH and RH	1	
	48143	.	PLUG BUTTON, (United-Carr)	2	
-21	170-53031-11	.	FLOOR ASSY, Center section pilot's (use 170-53031 until exh)	1	
-22	170-53084-1, -2	.	. GUARD, Ejection seat footrest LH and RH	1	
	48143	.	PLUG BUTTON, (United-Carr)	2	
-23	151-53030-5	.	FLOOR ASSEMBLY, Front section pilot's LH	1	
	151-53030-2	.	FLOOR ASSEMBLY, Front section pilot's RH	1	
-24	170-53101	.	COVER ASSY, Ail. sector access (whn exh use 170-53101-10)	1	
	170-53101-10	.	COVER ASSY, Ail. sector access (use 170-53101 until exh)	1	
-25	171-53103	.	CASE ASSEMBLY, Airplane data (use 36G2873 until exh)	1	
	171-53104	.	. SPRING, Data case cover	4	
-26	AN320-3 *3	.	NUT	2	AC
-27	AN960D10 *3	.	WASHER	2	AC
-28	AN23-10 *3	.	BOLT	2	AC
-29	NAS43C3-21 *3	.	SPACER, Screw and bolt	2	AC
-30	172-53035 *3	.	LINK, Ejection seat catapult safety pin	1	AC,*1
-31	172-53074 *3	.	ROD ASSY, Ejection seat catapult sear pin release pin	1	AC,*1
-32	AN393-17 *3	.	. PIN	1	AC,*1
-33	172-53005 *3	.	. YOKE, Ejection seat catapult safety pin	2	AC,*1
-34	172-53063-10 *3	.	. CLIP, Seat catapult safety pin retaining	1	AC,*1
-35	172-53074-3 *3	.	. PIN, Ejection seat catapult sear pin release pin	1	AC,*1
-36	151-53006 *3	.	. RETAINER, Ejection seat catapult pin disconnect	1	AC,*1
-37	151-53007 *3	.	. BLOCK, Ejection seat catapult pin disconnect	1	AC,*1
-38	AN320-3 *3	.	. NUT	1	AC,*1
-39	AN960D10 *3	.	. WASHER	2	AC,*1
-40	AN23-8 *3	.	. BOLT	2	AC,*1
-41	172-53100 *3	.	. LINK, Ejection seat catapult sear pin release rod	2	AC,*1
-42	172-53077 *3	.	. CABLE ASSEMBLY, Ejection seat catapult safety pin	1	AC,*1
-43	172-53096 *3	.	. ROD, Ejection seat catapult sear pin release	1	AC,*1

*1 Effective on airplanes 51-2850 thru 51-13129 reworked per T. O. 1F-86-161. *2 Refer to T. O. 1F-86-126.
*3 Not used on airplanes 51-2850 thru 53-1228 modified per T. O. 1F-86-227.

USEABLE ON CODE:

A 51-2850 thru 51-2877
B 51-2850 thru 51-12976
C 51-2850 thru 51-2851, 51-13070 thru 51-13079
D 51-2850 thru 51-13109
E 51-2878 thru 51-13129
F 51-12970 thru 51-13976, 51-13110 thru 51-13169
G 51-2852 thru 51-12976, 51-13080 thru 51-13169
H 51-13130 thru 51-13510, 52-4305 thru 52-5530
J 51-13170 thru 51-13510, 52-4305 thru 52-5530
K 52-5014 thru 52-5271
L 51-13090 thru 51-13510, 52-4305 thru 52-5013, 52-5272 thru 52-5530
M 53-1072 thru 53-1228
N 52-4305 thru 52-4454
P 51-13110 thru 51-13510
R 52-4455 thru 52-5271
V 52-5014 thru 52-5163, 52-5272 thru 52-5530
W 52-5164 thru 52-5271, 53-1072 thru 55-3875
X 51-13170 thru 51-13510, 52-4305 thru 52-5013
Y 51-13170 thru 52-5063 52-5272 thru 52-5328
Z 52-5164 thru 52-5271, 53-1072 thru 53-1228
AA 52-5064 thru 52-5163, 52-5329 thru 52-5386
AB 52-5387 thru 52-5530
AC 51-13070 thru 51-13510 52-4305 thru 52-5530
AD 53-1072 thru 53-1096
AE 53-1097 thru 53-1171
AF 53-1172 thru 53-1228
AH 55-3816 and subs
AJ 55-3876 thru 55-5029
AK 55-5030 and subs

FUSELAGE FURNISHINGS (Cont)

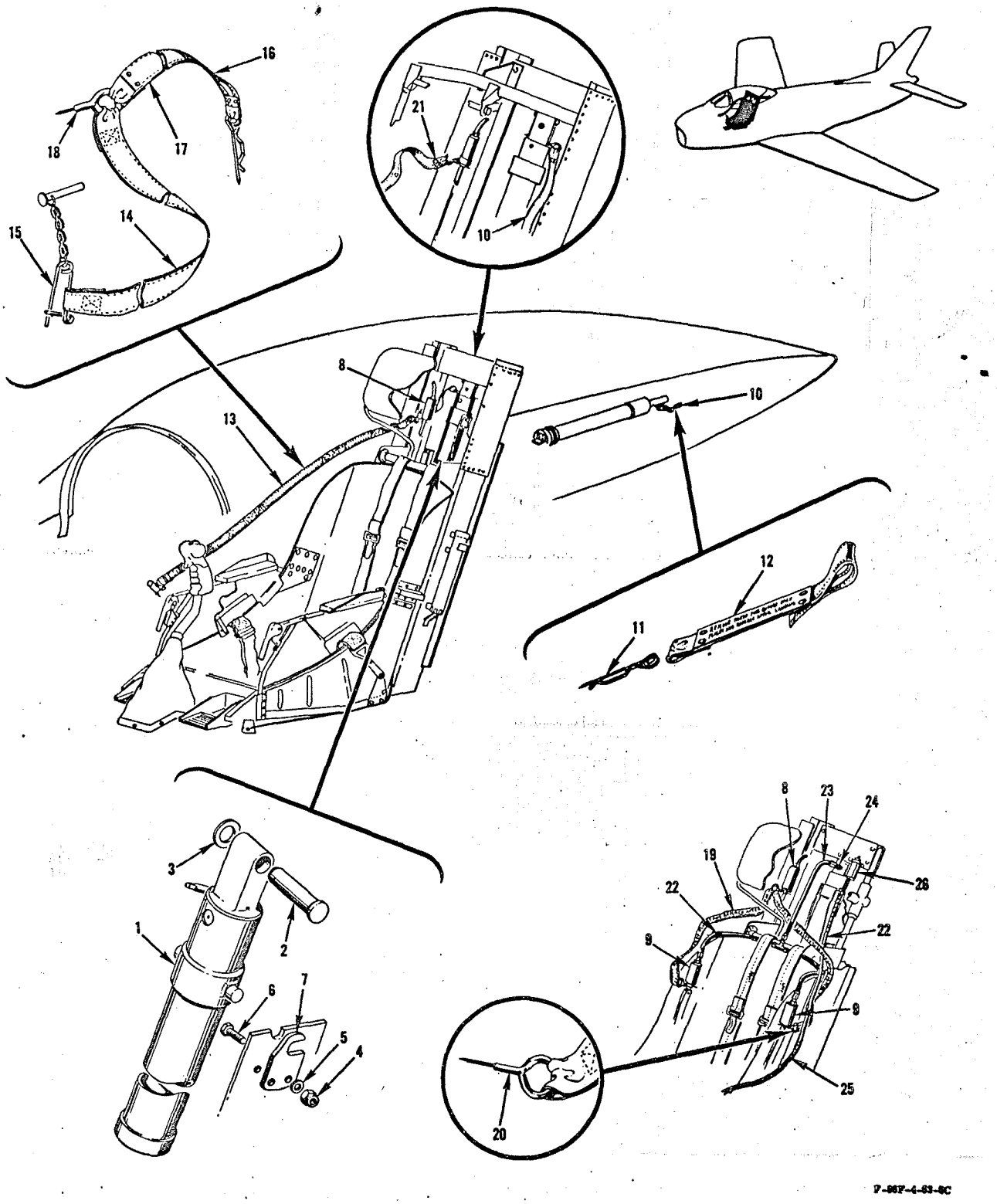


FIGURE 364 - EJECTION SEAT CATAPULT INITIATORS AND LOCKING PINS

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
364	No Number	*1	EJECTION SEAT CATAPULT INITIATORS AND LOCKING PINS (see fig. 363 for next assy)	NP	C
-1	CLX30-1	*3	. CATAPULT, Pilot's ejection seat type M1A1 (GFAE)(AERNO 93-315)	1	A
	CLX70-1	*3	. CATAPULT, Pilot's ejection seat type M5 (GFAE)(AERNO 93-321)	1	B
	2400-18	*4	. CATAPULT, Rocket (North American Spec NA5-4186-2 (Talley)	1	A,B
-2	AN398-71		. PIN	1	C
-3	AN960C816		. WASHER	1	C
-4	AN365-1032	*3	. NUT	2	C
-5	AN960-10	*3	. WASHER	2	C
-6	AN3-6A	*3	. BOLT	2	C
	AN3-5A	*3	. BOLT	2	C
-7	140-53091-10	*3	. LOCK, Pilot's ejection seat gun	2	C
	227-530015-1	*4	. LOCK, Catapult latching pilot's seat LH	1	A,B
	227-530015-2	*4	. LOCK, Catapult latching pilot's seat RH	1	A,B
	ATTACHING PARTS				
	NAS1624-3	*4	. BOLT	2	A,B
	4B21S4-003	*4	. SPACER	2	A,B
	MS21042L4	*4	. NUT	2	A,B
	MS20392-2C13	*4	. PIN	2	A,B
	LD153-0002-1203	*4	. WASHER, (North American)	2	A,B
	---*---				
-8	BLX32-1		. INITIATOR, Explosive type M3 (GFAE) (AERNO 93-316) (Canopy Remover)	1	C
-9	BLX32-1		. INITIATOR, Explosive type M3 (GFAE) (AERNO 93-316) (ejection seat)	2	B
-10	151-53107-10		. PIN ASSY, Cockpit canopy remover & ejection seat remover safety	2	D
	191-53107		. PIN ASSY, Cockpit canopy remover & ejection seat remover safety	2	E
-11	151-53107-5		. . PIN, Cockpit canopy remover & ejection seat remover safety	2	D
	191-53107-5		. . PIN, Cockpit canopy remover & ejection seat remover safety	1	E
-12	151-53107-9		. . STREAMER, Cockpit canopy remover & ejection seat remover	1	D
	191-53107-3		. . STREAMER, Cockpit canopy remover & ejection seat warning	1	E
	151-53108		. . PLACARD, Cockpit canopy remover & ejection seat warning	1	C
-13	191-53108		. STREAMER ASSY, Canopy initiator pilot's seat and catapult pins	1	F
-14	191-53108-3		. . STREAMER, Canopy initiator pilot's seat and catapult pins	1	F
-15	191-53106-3		. . PIN, Pilot's ejection seat handle lock	1	F
-16	191-53107		. . PIN ASSY, Cockpit canopy remover & ejection seat remover safety	1	F
	191-53107-5		. . . PIN, Cockpit canopy remover & ejection seat remover safety	1	F
	191-53107-3		. . . STREAMER, Cockpit canopy remover & ejection seat remover safety	1	F
-17	176-31859		. . STREAMER ASSY, Cockpit enclosure canopy initiator safety pin	1	F
	176-31859-3		. . . STREAMER, Cockpit enclosure canopy initiator safety pin	1	F
-18	191-31858		. . . PIN ASSY, Ejection seat & canopy initiator ground safety	1	F
	151-53072		. . . PLACARD, Ejection seat firing handle lock warning	1	F
-19	202-53107		. STREAMER ASSY, Cockpit canopy & pilot's seat initiators safety pin	1	B
	202-53107-3		. . STREAMER, Cockpit canopy & pilot's seat initiators safety pin	1	B
	202-53107-5		. . STREAMER, Cockpit canopy & pilot's seat initiators safety pin	1	B
-20	191-31858		. . PIN ASSY, Ejection seat & canopy initiator ground safety	3	B
-21	176-31859		. STREAMER ASSY, Cockpit encl canopy initiator safety pin	1	F
	176-31859-3		. . STREAMER, Cockpit encl canopy initiator safety pin	1	F
	191-31858		. . PIN ASSY, Ejection seat & canopy initiator ground safety	1	F
	151-53072		. . PLACARD, Ejection seat firing handle lock warning	1	F
-22	MS28741-4-10		. HOSE ASSY	1	G
-23	MS28741-4-16		. HOSE ASSY	2	G
-24	AN816-4		. NIPPLE	1	G
-25	1B3738-42	*2	. HOSE ASSY, Safety belt release (Stanley Aviation)	1	G
	R5306-0534	*2	. HOSE ASSY, Safety belt release (Resistoflex) (route on RH side of seat)	1	G
-26	BLX92-1		. INITIATOR, Explosive type M4 (GFAE) (AERNO 93-726) (Lap safety belt)	1	G

*1 This configuration is not used on airplanes 51-2850 thru 53-1228 that have been modified per T. O. 1F-86-227.

*2 Refer to T. O. 1F-86-559

*3 Not used on airplanes modified per T.O. 1F-86-600.

*4 Used on airplanes modified per T.O. 1F-86-600, refer to mod dwg 227-053002.

See fig. 365 for airplanes 51-2850 thru 53-1228 modified per T. O. 1F-86-206, 1F-86-227, 1F-86-230, and 1F-86-235.

USEABLE ON CODE:

A 51-2850 thru 52-5530
B 53-1072 thru 53-1228
C 51-2850 thru 53-1228
D 51-2850 thru 51-13129
E 51-13130 thru 51-13454, 52-4305 thru 52-4804
F 51-13455 thru 51-13510, 52-4805 thru 52-5530
G 53-1097 thru 53-1228

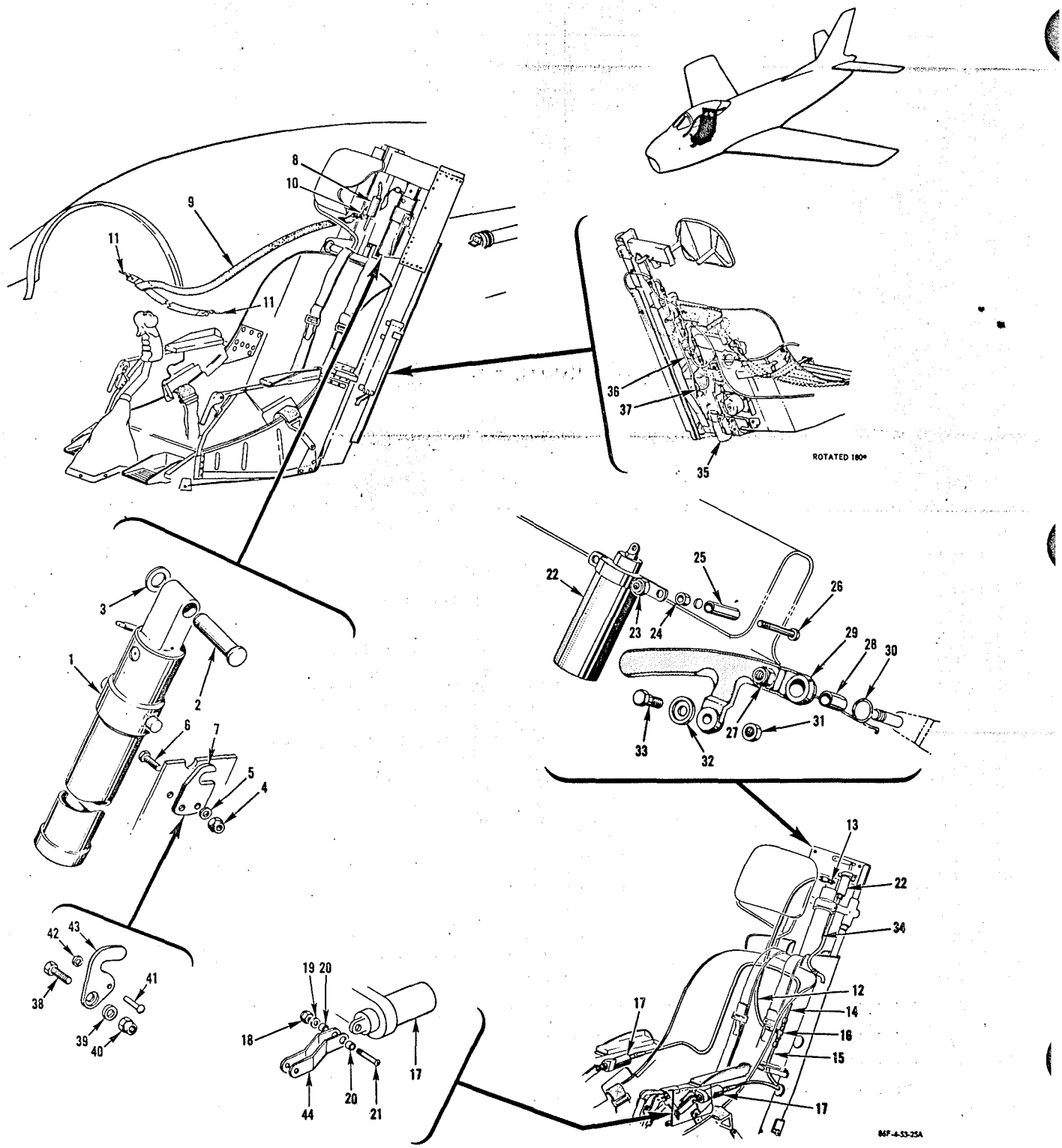


FIGURE 365 - EJECTION SEAT CATAPULT INITIATORS AND LOCKING PINS (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
365	No Number	*1	EJECTION SEAT CATAPULT INITIATORS AND LOCKING PINS (see fig. 363 for next assy)	NP	A
-1	CLX70-1	*3	. CATAPULT, Pilot's ejection seat type M5 (GFAE) (AERNO 93-321)	1	A
-2	AN398-71		. PIN	1	A
-3	AN960C816	*3	. WASHER.	1	A
-4	AN364-1032		. NUT	4	A
-5	2W1AL-13-14-16	*3	. WASHER, Plain (North American).	4	A
-6	AN3-4A	*3	. BOLT.	4	A
-7	202-53052	*3	. LOCK, Pilot's ejection seat gun	2	A
-8	BLX32-1		. INITIATOR, Explosive type M3 (GFAE) (AERNO 93-316). (canopy remover)	1	A
-9	202-53014		. STREAMER ASSY, Pilot's seat & cockpit canopy initiators safety pin	1	A
	202-53014-31		. . SUB-ASSY, Pilot's seat & canopy initiators safety pin.	1	A
-10	BL-CL4-1.375		. . . PIN, Ball-Lok (price)	2	A
	202-53014-21		. . SUB-ASSY, Pilot's seat & canopy initiators safety pin.	1	A
-11	191-31858		. . . PIN ASSY, Ejection seat & canopy initiator ground safety	1	A
-12	MS28741-4-30	*3*5	. HOSE ASSY	1	A
-13	AN816-4		. NIPPLE.	1	A
-14	MS28741-4-43		. HOSE ASSY	1	A
-15	MS28741-4-24		. HOSE ASSY	1	A
-16	1112-538469M1	*5	. VALVE ASSY, Check (Parker Aircraft) (intrch wth Air Products 5455)	1	A
-17	BLX32-1		. INITIATOR, Explosive type M3 (GFAE) (AERNO 93-316) (ejection. seat)	2	A
-18	AN365-1032		. NUT	2	A
-19	2W18-10		. WASHER, Flat (North American)	2	A
-20	NAS43-3-8		. SPACER, Screw and bolt.	4	A
-21	AN23-11A		. BOLT.	2	A
-22	BLX92-1	*3	. INITIATOR, Explosive type M12 (GFAE) (AERNO 93-726) (lap. safety belt) (use type M4 untl exh)	1	A
	No Number	*4	. INITIATOR, Explosive type M32 (GFAE) (AERNO 93-0324).	1	A
-23	AN365-428		. NUT	1	A
-24	202-53081		. SPACER, Ejection seat automatic lap safety belt release	2	A
-25	NAS43-4-64		. SPACER, Screw & bolt.	1	A
-26	AN4-21A		. BOLT.	1	A
	AN393-9		. PIN	1	A
-27	AN364-624		. NUT	1	A
-28	202-53082		. BUSHING, Ejection seat automatic lap safety belt release.	1	A
-29	202-53084-3		. BELLCRANK, Ejection seat automatic lap safety belt release.	1	A
-30	202-53083		. SPRING, Ejection seat automatic lap safety belt release	1	A
-31	AN365-428		. NUT	1	A
-32	187-53086		. ROLLER, Ejection seat automatic lap safety belt release	1	A
-33	187-53087		. SCREW, Ejection seat automatic lap safety belt release.	1	A
-34	1B3738-42	*2	. HOSE ASSY, Safety belt release (Stanley Aviation)	1	A
	R5306-0534	*2*3	. HOSE ASSY, Safety belt release (Resistoflex) (route on RH side of seat)	1	A
-35	2400-18	*4	. CATAPULT, Rocket (North American Spec NA5-4186-2) (Talley).	1	A
-36	227-530002-9	*4	. HOSE ASSY, Seat separator actuator and rocket catapult. ejection seat (altered from Aeroquip 666084-4-0520)	1	A
-37	AN815-4C	*4	. UNION	1	A
	MS28778-4	*4	. PACKING	1	A
-38	NAS1624-3	*4	. BOLT.	2	A
-39	4B21S4-003	*4	. SPACER, (North American).	2	A
-40	MS21042L4	*4	. NUT	2	A
-41	MS20392-2C13	*4	. PIN	2	A
-42	LD153-0002-1203	*4	. WASHER, (North American).	2	A
-43	227-530015-1	*4	. HOOK, Catapult locking pilot's ejection seat LH	1	A
	227-530015-2	*4	. HOOK, Catapult locking pilot's ejection seat RH	1	A
-44	202-53012		LINK, Pilot's ejection seat catapult initiator lower (see fig. 373)	Ref	

*1 This configuration is also used on airplanes 51-2850 thru 53-1228 modified per T.O. 1F-86-206, 1F-86-227, 1F-86-230 and 1F-86-235.
*2 Refer to T.O. 1F-86-559.
*3 Not used on airplanes modified per T.O. 1F-86-600.
*4 Used on airplanes modified per T.O. 1F-86-600, refer to mod dwg 227-053002.
*5 See figure 376A for airplanes modified per T.O. 1F-86-600.

See fig. 364 for airplanes 51-2850 thru 53-1228 not modified per the above mentioned tech. orders.

USEABLE ON CODE: A 55-3816 and subs

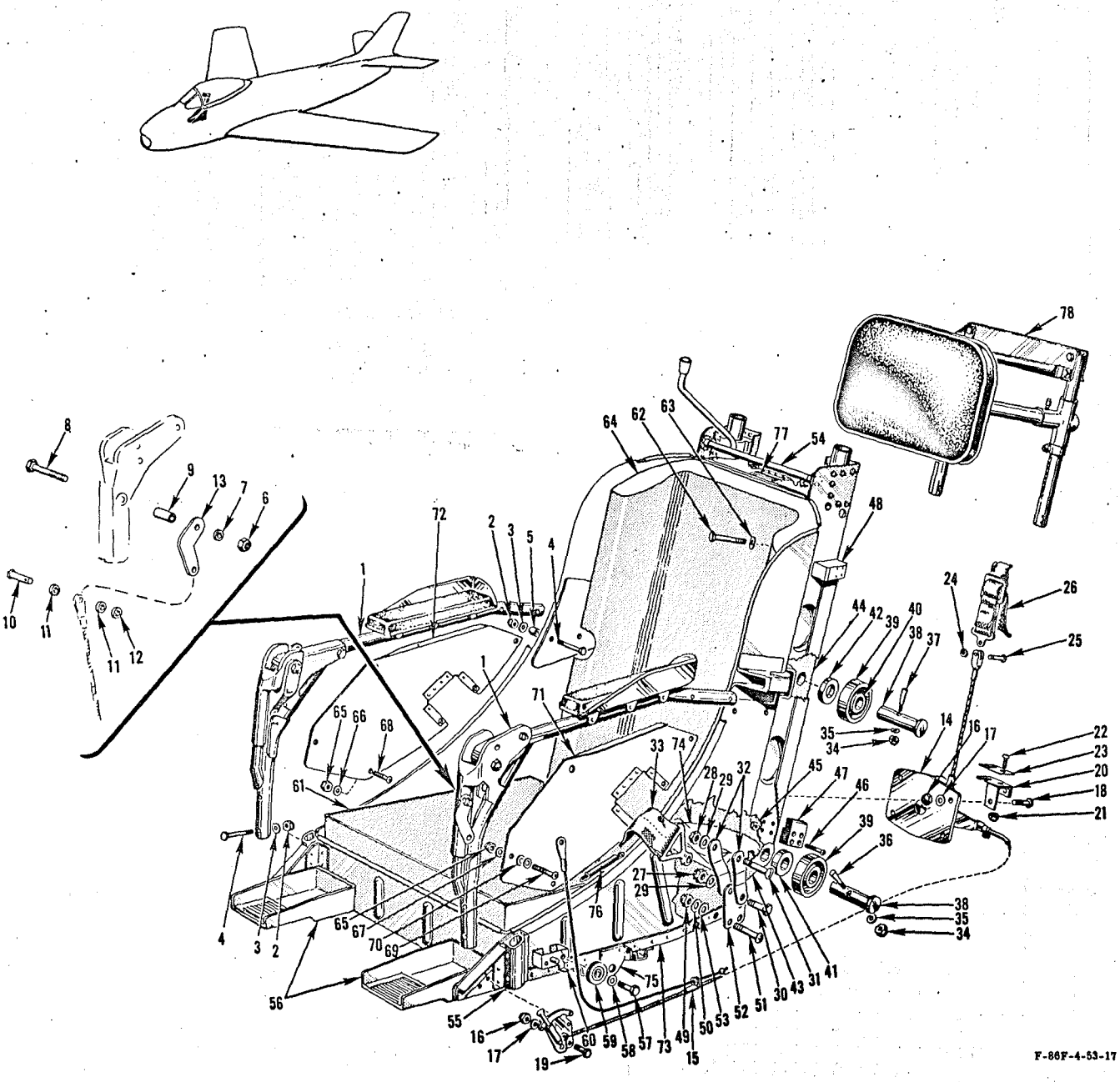


FIGURE 366 - PILOT'S EJECTION SEAT ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
366	170-53009-10	*4	SEAT ASSY, Pilot's ejection (see fig. 363 for next assy)	Ref	A
	170-53009-30	*4	SEAT ASSY, Pilot's ejection (see fig. 363 for next assy)	Ref	B
	176-53009-10	*4	SEAT ASSY, Pilot's ejection (see fig. 363 for next assy) (use 176-53009 until exh)	Ref	C
	202-53009	*4	SEAT ASSY, Pilot's ejection (see fig. 363 for next assy)	Ref	E
	202-53009-11	*4	SEAT ASSY, Pilot's ejection (see fig. 363 for next assy)	Ref	F
	202-53009-21	*4	SEAT ASSY, Pilot's ejection (see fig. 363 for next assy)	Ref	G
	No Number		. EJECTION SEAT HANDLE SEQUENCING EQUIPMENT, (see figure 372)	NP	D
	No Number		. EJECTION SEAT GUN FIRING EQUIPMENT, (see figure 368)	NP	A,B
	No Number		. EJECTION SEAT LEFT SIDE HANDLE SEQUENCING EQUIPMENT, (see figure 369 for breakdown)	NP	C,*1
-1	152-53011-51		. REST ASSY, Pilot's ejection seat arm complete LH (see fig. 360)	1	A,B
	152-53011-53		. REST ASSY, Pilot's ejection seat arm complete LH (see fig. 360)	1	C
	152-53011-54		. REST ASSY, Pilot's ejection seat arm complete RH (see fig. 360)	1	A,B,C
	172-53130-1		. REST ASSY, Pilot's ejection seat arm complete LH (see fig. 359)	1	D
	172-53130-2		. REST ASSY, Pilot's ejection seat arm complete RH (see fig. 359)	1	D
-2	AN365-1032		. NUT	4	A,B,C,D
-3	AN960C10		. WASHER	4	A,B,C,D
-4	AN3-13A		. BOLT	4	A,B,C,D
-5	4S3D10-7		. SPACER, Bolt (North American)	4	A,B,C,D
-6	AN365-1032		. NUT	1	A,B
-7	AN960C10L		. WASHER	1	A,B
-8	AN3-15A		. BOLT	1	A,B
-9	4S3D6-6		. SPACER, Rivet (North American)	1	A,B
-10	AN393-11		. PIN	1	C,*1
-11	AN960D10L		. WASHER	2	C *1
-12	2W1R12-17-65		. WASHER, Plain (North American)	1	C,*1
-13	172-53060		. LINK, Ejection seat inertia reel cable	1	*1
-14	151-53193		. REEL ASSY, Inertia (altered from Amer. Seating 0-3903-0-4057 or 0-4600-769)	1	A,B
	151-53193-15		. REEL ASSY, Inertia (altered from Amer. Seating 0-3903NN0-4057 or 0-4600-769)	1	C,*1
	202-53193		. REEL ASSY, Inertia (altered from Amer. Seating 0-3903NN0-4057 or 0-4600-769)	1	D
-15	151-53193-9		. . CONNECTOR, Inertia reel	1	A,B,C
	202-53193-9		. . CONNECTOR, Inertia reel	1	D
-16	AN365-1032		. NUT	6	A,B,C,D
-17	AN960C10		. WASHER	5	A,B,C,D
-18	AN3-5A		. BOLT	4	A,B,C,D
-19	AN3-4A		. BOLT	2	A,B,C,D
-20	170-53019		. BRACKET ASSY, Pilot's inertia reel stop	1	A,B,C,D
-21	AN365-832		. NUT	1	A,B,C,D
-22	AN515-8R5		. SCREW	1	A,B,C,D
-23	170-53020		. SPACER, Pilot's inertia reel stop	1	A,B,C,D
-24	AN960-C10L		. WASHER	1	A,B,C
	AN320-3		. WASHER	1	D
-25	AN393-13		. PIN	1	A,B,C
	AN23-10		. PIN	1	D
-26	54D19600		. BELT ASSY, Harness shoulder safety type MB3 (GFAE)	1	A,B,C,D
-27	AN310-4		. NUT	2	A,B,C,D
-28	AN320-4		. NUT	2	A,B,C,D
-29	AN960C416		. WASHER	4	A,B,C,D
-30	AN4-5		. BOLT	2	A,B,C,D
-31	AN24-11		. BOLT	2	A,B,C,D
-32	151-53021-3		. LINK, Ejection seat lap belt extension	4	A,B,C
	202-53021		. LINK, Ejection seat lap belt extension	4	D
-33	51H3977-1		. BELT ASSY, Lap safety type B18 (GFAE)	1	A,B,C,*2
	44G5437		. BELT ASSY, Lap safety type B18 (GFAE)	1	E,*2
	53J20940-1		. BELT ASSY, Lap safety type MA1 (Spec MIL-R9233) (AERNO 45-1712)	1	F,G,*3
-34	AN365-1032		. NUT	4	A,B,C,D
-35	AN975-3		. WASHER	4	A,B,C,D
-36	AN386-1-8A		. PIN	2	A,B,C,D
-37	AN386-1-11A		. PIN	2	A,B,C,D
-38	151-53028		. PIN, Pilot's ejection seat roller	4	A,B,C,D
	151-53034		. ROLLER ASSY, Pilot's ejection seat	4	A,B,C,D
-39	151-53023-3		. . ROLLER, Pilot's ejection seat	4	A,B,C,D
-40	NAS75-10-016		. . BUSHING, Plain press fit steel	1	A,B,C,D
-41	2W1AL40-34-250		. WASHER, Plain (North American)	2	A,B,C,D
-42	2W1AL40-34-1875		. WASHER, Plain (North American)	2	A,B,C,D
	151-53019-5		. SUPPORT, Pilot's ejection seat lowrr roller LH	1	A,B,C,D
	151-53019-6		. SUPPORT, Pilot's ejection seat lower roller RH	1	A,B,C,D
-43	170-53042		. BEAM ASSY, Ejection seat upper roller support	1	A,B,C,D
-44	170-53018		. . SUPPORT, Ejection seat upper roller	2	A,B,C,D

(Nomenclature continued on next page)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
366-45	AN365-1032	.	NUT	8	A,B,C,D
-46	AN520-10-14	.	SCREW	8	A,B,C,D
-47	151-53084	.	BLOCK, Pilot's ejection seat guide	2	A,B,C,D
-48	140-53043-3	.	GUIDE, Pilot's ejection seat	2	A,B,C,D
-49	AN365-524	.	NUT	6	A,B,C,D
-50	AN960C516L	.	WASHER	6	A,B,C,D
-51	NAS223-13	.	SCREW, Brazier head Phillips recess alloy steel 5/16-24	6	A,B,C,D
	161-53063	.	LUG, Pilot's ejection seat safety harness	2	A,B,C
-52	172-53123	.	LUG, Pilot's ejection seat safety harness	2	D
-53	AN960C516	.	WASHER	6	A,B,C,D
-54	170-53052	.	TUBE ASSY, Shoulder harness support	1	A,B,C,D
-55	170-53047-1	.	SUPPORT, Ejection seat arm rest LH	1	A,B,C,D
	170-53047-2	.	SUPPORT, Ejection seat arm rest RH	1	A,B,C,D
	170-53015-1	.	SUPPORT, Ejection seat foot rest LH	1	A,B,C,D
	170-53015-2	.	SUPPORT, Ejection seat foot rest RH	1	A,B,C,D
-56	170-53016	.	FOOT REST, Ejection seat	2	A,B,C,D
-57	AN3-6A	.	BOLT	1	A,B,C
-58	AN960C10	.	WASHER	1	A,B,C
-59	AN210-1A	.	PULLEY	1	A,B,C
-60	151-53192	.	BRACKET ASSY, Inertia reel emergency lock cable pulley	1	A,B,C
-61	202-53085	*5 .	BLOCK ASSY, Pilot's ejection seat cushion (use 165-53085 and 165-53085-70 until exh)	1	A,B,C,D
-62	AN3-22A	.	BOLT	4	A,B,C,D
-63	2W1AL14-28-40	.	WASHER, Plain (North American)	4	A,B,C,D
-64	151-53049-10	.	BLOCK, Pilot's seat back filler	1	A,B,C,D
-65	AN365-832	.	NUT	10	A,B,C,D
-66	AN960C10L	.	WASHER	8	A,B,C,D
-67	AN960C8L	.	WASHER	2	A,B,C,D
-68	AN515-8R8	.	SCREW	8	A,B,C,D
-69	AN515-8R20	.	SCREW	2	A,B,C,D
-70	AN960C10	.	WASHER	4	A,B,C,D
-71	170-53067-1	.	PANEL ASSY, Pilot's arm rest close-out LH	1	A,B,C,D
-72	170-53-67-2	.	PANEL ASSY, Pilot's arm rest close-out RH	1	A,B,C,D
-73	170-53017	.	BUCKET ASSY, Ejection seat	1	A,B
	170-53017-50	.	BUCKET ASSY, Ejection seat	1	C
	170-53017-60	.	BUCKET ASSY, Ejection seat	1	D
-74	202-53062	. .	SHELF, Ejection seat AFF (use 170-53062 or 170-53062-10 until exh when reworked in accordance with T. O. 1F-86-209)	1	A,B,C,D
-75	172-53083	. .	SUPPORT ASSY, Ejection seat handle sequencing shaft RH	1	C,*1
	172-53082	. .	BRACKET ASSY, Ejection seat handle sequencing shaft support LH side	1	C,*1
-76	140-31029	.	SPRING, Ammunition access door cable	1	A,B,C
-77	170-53036	.	SUPPORT ASSY, Ejection seat adjustment slide	1	A,B,C,D
-78	No Number	.	PILOT'S HEAD REST EQUIPMENT, (see fig. 370)	NP	

*1 Becomes effective on airplanes 51-2850 thru 51-13129 when reworked per T. O. 1F-86-161.
*2 Removed from airplanes noted when reworked per T. O. 1F-86-206C.
*3 Used on all F-86-F airplanes when reworked per T. O. 1F-86-206C.
*4 Used on airplanes not modified per T.O. 1F-86-227 or T.O. 1F-86-600. See figure 367 for modified seat assy's.
*5 Not used on airplanes modified per T.O. 1F-86-600.

USEABLE ON CODE: A 51-2850 thru 51-2877; B 51-2878 thru 51-12976, 51-13070 thru 51-13129; C 51-13130 thru 51-13510, 52-4305 thru 52-5530; D 53-1072 thru 53-1228; E 53-1072 thru 53-1096; F 53-1097 thru 53-1171; G 53-1172 thru 53-1228

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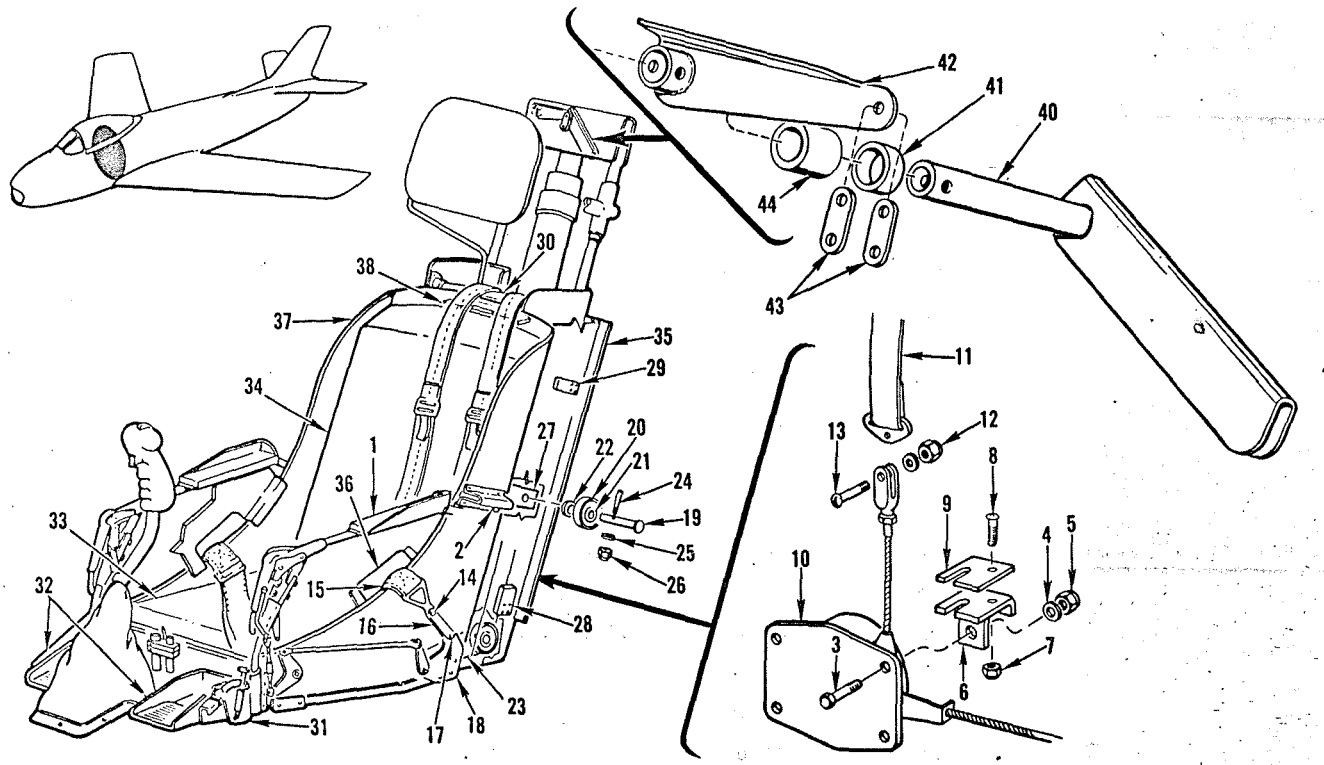


F-86F-4-53-268

FIGURE 367 - PILOT'S EJECTION SEAT ASSEMBLY (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
367	170-53009-10	*1	SEAT ASSY, Pilot's ejection (see fig. 363 for next assy)	Ref	A
	170-53009-30	*1	SEAT ASSY, Pilot's ejection (see fig. 363 for next assy)	Ref	B
	176-53009-10	*1	SEAT ASSY, Pilot's ejection (see fig. 363 for next assy)	Ref	C
	202-53009	*1	SEAT ASSY, Pilot's ejection (see fig. 363 for next assy)	Ref	E
	202-53009-11	*1	SEAT ASSY, Pilot's ejection (see fig. 363 for next assy)	Ref	F
	202-53009-21	*1	SEAT ASSY, Pilot's ejection (see fig. 363 for next assy)	Ref	G
	227-53009		SEAT ASSY, Pilot's ejection (see fig. 363 for next assy)	Ref	H
	No Number		. EJECTION SEAT HANDLE SEQUENCING EQUIPMENT (see fig. 373 for breakdown) .	NP	
	No Number	*3	. ROCKET CATAPULT AND SEAT SEPARATOR ASSEMBLY AND INSTALLATION. (see fig. 367A for breakdown)	NP	
-1	172-53130-21		. REST ASSY, Pilot's ejection seat arm complete LH (see fig.. 359 for breakdown) .	1	H
	172-53130-22		. REST ASSY, Pilot's ejection seat arm complete RH.	1	H
	172-53130-11		. REST ASSY, Pilot's ejection seat arm complete LH (see fig.. 359 for breakdown) .	1	G
	172-53130-12		. REST ASSY, Pilot's ejection seat arm complete RH.	1	G
	172-53130-1		. REST ASSY, Pilot's ejection seat arm complete LH (see fig.. 359 for breakdown) .	1	E,F
	172-53130-2		. REST ASSY, Pilot's ejection seat arm complete RH.	1	E,F
	152-53011-51		. REST ASSY, Pilot's ejection seat arm complete LH (see fig.. 361 for breakdown) .	1	A,B
	152-53011-53		. REST ASSY, Pilot's ejection seat arm complete LH (see fig.. 361 for breakdown) .	1	C
	152-53011-54		. REST ASSY, Pilot's ejection seat arm complete RH (see fig.. 361 for breakdown) .	1	A,B,C

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
	ATTACHING PARTS				
367-2	AN3-13A	.	BOLT	4	
	NAS43-3-4	.	SPACER, Screw and bolt	4	
	2W18-10	.	WASHER, Flat (North American)	4	
	AN365-1032	.	NUT	4	
	---*---				
-3	AN3-5A	.	BOLT	4	
-4	2W18-10	.	WASHER, Flat (North American)	4	
-5	AN365-1032	.	NUT	3	
-6	170-53019	.	BRACKET ASSY, Pilot's inertia reel stop	1	
-7	AN365-1032	.	NUT	1	
-8	AN515-8R5	.	SCREW	1	
-9	170-53020	.	SPACER, Pilot's inertia reel stop	1	
-10	202-53193	.	REEL ASSY, Inertia (altered from American Seating 0-3903NN0-4057)	1	D,H
	151-53193-15	.	REEL ASSY, Inertia (altered from American Seating 0-3903NN0-4057)	1	J,K
-11	54D19600	.	BELT ASSY, Harness shoulder safety type MB3 (GFAE)	1	
-12	AN320-3	.	NUT	1	D,H
	AN960C10L	.	WASHER	1	A,B,C
-13	AN23-10	.	BOLT	1	D,H
	AN393-13	.	PIN	1	A,B,C
-14	AN24-11	.	BOLT, (install bolt heads inboard)	2	
	2W18-416	.	WASHER, Flat (North American)	2	
	AN320-4	.	NUT	2	
-15	54H19604 *2	.	BELT ASSY, Aircraft lap automatic opening type MA4 (GFAE)	1	H
	53J20940-1 *2	.	BELT ASSY, Lap safety type MA1 (Spec MIL-R9233) (Aerno 45-1712)	1	A,B,C,I
	55H3582 *2	.	BELT ASSY, Aircraft lap automatic opening type MA5 (GFAE)	1	
-16	202-53021	.	LINK, Ejection seat lap belt extension	4	H
	151-53021-3	.	LINK, Ejection seat lap belt extension	4	A,B,C,I
-17	AN4-5	.	BOLT	2	
	2W18-416	.	WASHER, Flat (North American)	2	
	AN310-4	.	NUT	2	
-18	172-53123	.	LUG, Pilot's ejection seat safety harness	2	
-19	151-53028	.	PIN, Pilot's ejection seat roller	4	
	151-53023	.	ROLLER ASSY, Pilot's ejection seat	4	
-20	151-53023-3	.	. ROLLER, Pilot's ejection seat	1	
-21	NAS75-10-016	.	. BUSHING, Plain press-fit steel	1	
-22	2W1AL40-34-188	.	WASHER, Plain (North American) (upper roller)	2	
	2W1AL40-34-250	.	WASHER, Plain (North American) (lower roller)	2	
-23	151-53019-5	.	SUPPORT, Pilot's ejection seat lower roller LH	1	
	151-53019-6	.	SUPPORT, Pilot's ejection seat lower roller RH	1	
-24	AN386-1-11A	.	PIN, (upper roller)	2	
	AN386-1-8A	.	PIN, (lower roller)	2	
-25	AN975-3	.	WASHER	4	
-26	AN365-1032	.	NUT	4	
-27	170-53042	.	BEAM ASSY, Ejection seat upper roller support	1	
	170-53018	.	. SUPPORT, Ejection seat upper roller support	2	
-28	151-53084-3 & -4	.	BLOCK, Pilot's ejection seat guide LH & RH	2	
-29	140-53043-3	.	GUIDE, Pilot's ejection seat guide LH & RH	2	
-30	170-53052	.	TUBE ASSY, Shoulder harness support	1	
-31	170-53047-1	.	SUPPORT, Ejection seat armrest LH	1	
-	170-53047-2	.	SUPPORT, Ejection seat armrest RH	1	
	170-53015-1	.	SUPPORT, Ejection seat foot rest LH	1	
	170-53015-2	.	SUPPORT, Ejection seat foot rest RH	1	
-32	170-53016	.	FOOT REST, Ejection seat	2	
-33	202-53085 *4	.	BLOCK ASSY, Pilot's ejection seat cushion (use 165-53085 or 165-53085-70 untl exh)	1	
-34	151-53049-10	.	BLOCK, Pilot's ejection seat back filler	1	
-35	170-53043-21	.	SUPPORT ASSY, Ejection seat back LH	1	
	170-53043-22	.	SUPPORT ASSY, Ejection seat back RH	1	
-36	170-53067-1	.	PANEL ASSY, Pilot's arm rest close-out LH	1	
	170-53067-2	.	PANEL ASSY, Pilot's arm rest close-out RH	1	
-37	170-53017-60	.	BUCKET ASSY, Ejection seat	1	
-38	170-53036	.	SUPPORT ASSY, Ejection seat adjustment slide	1	
-39	No Number		PILOT's HEAD REST EQUIPMENT (see fig.370 for breakdown)	NP	
-40	202-53076	.	BELLCRANK ASSY, Ejection seat automatic lap safety belt release	1	
-41	202-53080-7	.	SPACER, Ejection seat automatic lap safety belt release	1	
-42	202-53077	.	ARM ASSY, Ejection seat automatic lap safety belt release	1	
-43	202-53079	.	LINK, Ejection seat automatic lap safety belt release	2	
-44	202-53080-13	.	SPACER, Ejection seat automatic lap safety belt release	1	

*1 Modified per T.O. 1F-86-227. See fig. 366 for seat assy's that have not been modified per T.O. 1F-86-227.
*2 Refer to T.O. 1F-86-559.
*3 Used on airplanes modified per T.O. 1F-86-600, refer to mod dwg 227-053002.
*4 Not used on airplanes modified per T.O. 1F-86-600.

USEABLE ON CODE:
A 51-2850 thru 51-2877
B 51-2878 thru 51-12976
51-13070 thru 51-13129
C 51-13130 thru 52-5530
D 53-1072 thru 53-1228
E 53-1072 thru 53-1096
F 53-1097 thru 53-1171
G 53-1172 thru 53-1228
H 55-3816 and subs.

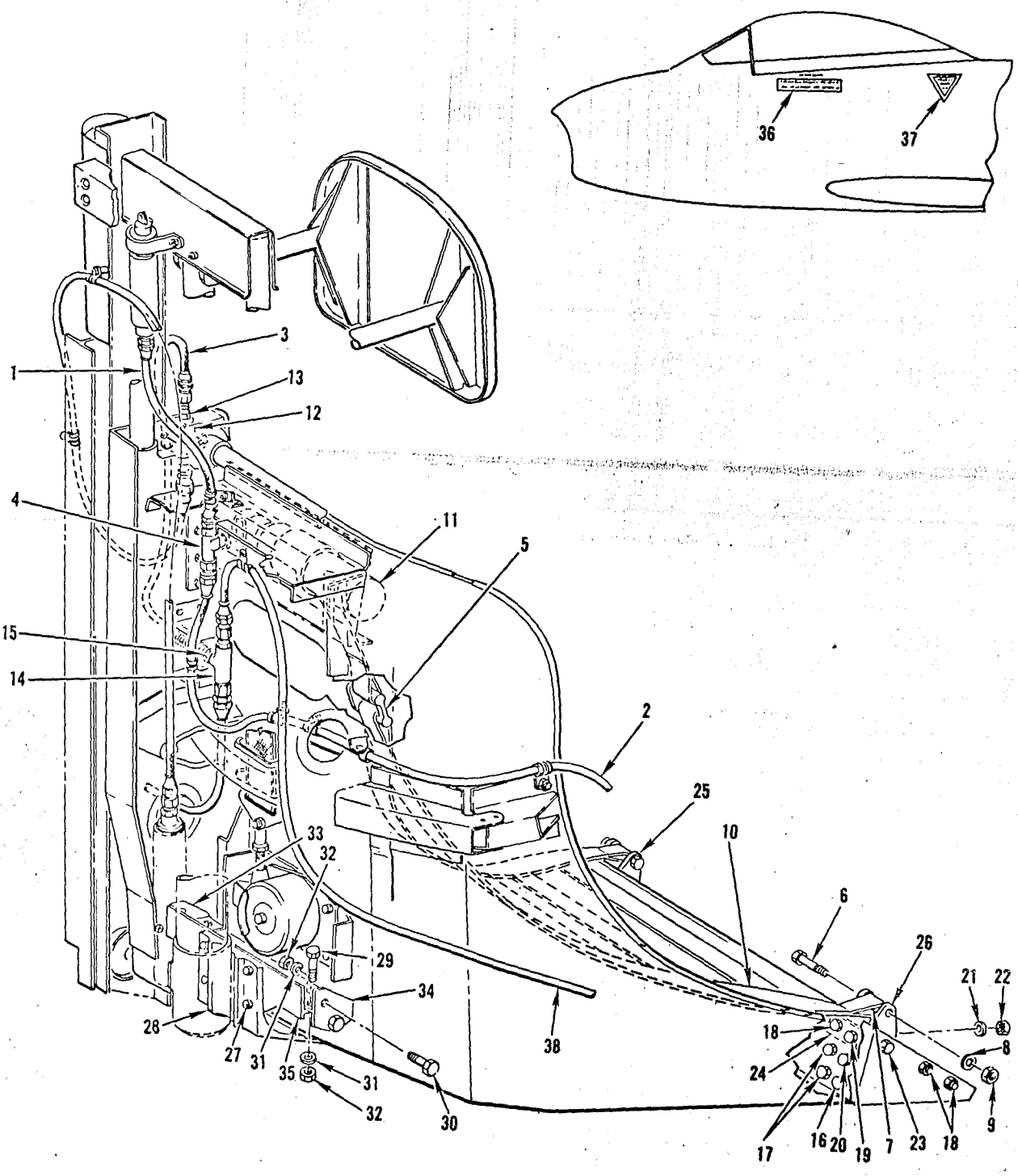
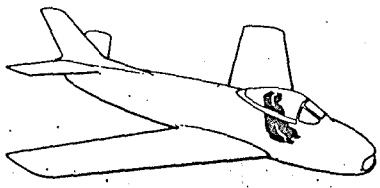


FIGURE 367A - ROCKET CATAPULT AND SEAT SEPARATOR ASSEMBLY AND INSTALLATION (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
367A	No Number	*1	ROCKET CATAPULT AND SEAT SEPARATOR ASSEMBLY AND INSTALLATION MODIFICATION (see fig. 367 for next assy)	NP	
-1	227-530002-19	.	HOSE ASSY, Seat separator actuator and rocket catapult, ejection (altered from Aeroquip 666084-4-0130)	1	
-2	227-530002-3	.	HOSE ASSY, Seat separator actuator and rocket catapult. ejection (altered from Aeroquip 666085F0440)	1	
-3	227-530002-5	.	HOSE ASSY, Seat separator actuator and rocket catapult. ejection (altered from Aeroquip 666085F0244)	1	
-4	AN834-4C	.	TEE	1	
	MS28778-4	.	PACKING	1	
	MS9058-04	.	RING	1	
	AN6289-4	.	NUT	1	
-5	52B6660	.	LINK ASSY	1	
-6	NAS1104-17	.	BOLT	2	
-7	NAS43DD4-39	.	SPACER	2	
-8	LD153-0002-1204	.	WASHER, (North American)	2	
-9	MS21042L4	.	NUT	2	
-10	201-530104-11	.	WEBBING, Seat separator, pilot's ejection seat, assy of	1	
-11	1000-31	.	ACTUATOR, (Talley) (North American Spec NA5-4272-3)	1	
	ATTACHING PARTS				
	NAS1103-7	.	BOLT	4	
	LD153-0002-1403	.	WASHER, (North American)	4	
	MS21042L3	.	NUT	4	
	---*---				
-12	8401-9	.	DISCONNECT ASSY, (Benbow)	1	
-13	AN924-4	.	NUT	1	
-14	1112-538469M1	.	VALVE ASSY, Check (Parker Aircraft) (intrch wth Air Products. 5455)	1	
-15	AN924-4	.	NUT	1	
-16	NAS1103-12	.	BOLT	2	
-17	NAS1103-10	.	BOLT	4	
-18	NAS1103-5	.	BOLT	4	
-19	NAS1103-7	.	BOLT	2	
-20	NAS1103-11	.	BOLT	2	
-21	LD153-0002-1403	.	WASHER, (North American)	AR	
	LD153-0002-1203	.	WASHER, (North American)	AR	
-22	MS21042L3	.	NUT	14	
-23	NAS1103-7	.	BOLT	2	
	LD153-0002-1403	.	WASHER, (North American)	2	
	MS21042L3	.	NUT	2	
-24	227-530020-3	.	SHIM, Webbing attachment bracket, ejection seat separator	AR	
-25	227-530004-1	.	BRACKET, Webbing attachment ejection seat separator LH	1	
-26	227-530004-2	.	BRACKET, Webbing attachment ejection seat separator RH	1	
-27	NAS1103-6	.	BOLT	4	
	LD153-0002-1203	.	WASHER, (North American)	4	
	MS21042L3	.	NUT	4	
-28	227-530010	.	BUMPER, Rocket motor thrust pilots ejection	1	
-29	NAS1104-3	.	BOLT	4	
-30	NAS1104-5	.	BOLT	4	
-31	LD153-0002-1404	.	WASHER, (North American)	8	
-32	MS21042L4	.	NUT	8	
-33	227-530011-3	.	BRACKET, Rocket catapult bumper support pilot's ejection. seat LH	1	
-34	227-530011-4	.	BRACKET, Rocket catapult bumper support pilot's ejection. seat RH	1	
-35	227-530012-3	.	SUPPORT, Rocket catapult bumper pilot's ejection seat	1	
-36	223-530078-15	.	DECAL, (THIS AIRCRAFT CONTAINS A SEAT EJECTION, ROCKET. CATAPULT CONTAINING AN EXPLOSIVE CHARGE)	2	
-37	223-530078-3	.	DECAL, (DANGER ROCKET EJECTION SEAT)	2	
-38	MS28741-4-43		HOSE ASSY, (see fig. 365)	Ref	

*1 Used on airplanes modified per T.O. 1F-86-600, refer to mod dwg 227-053002.



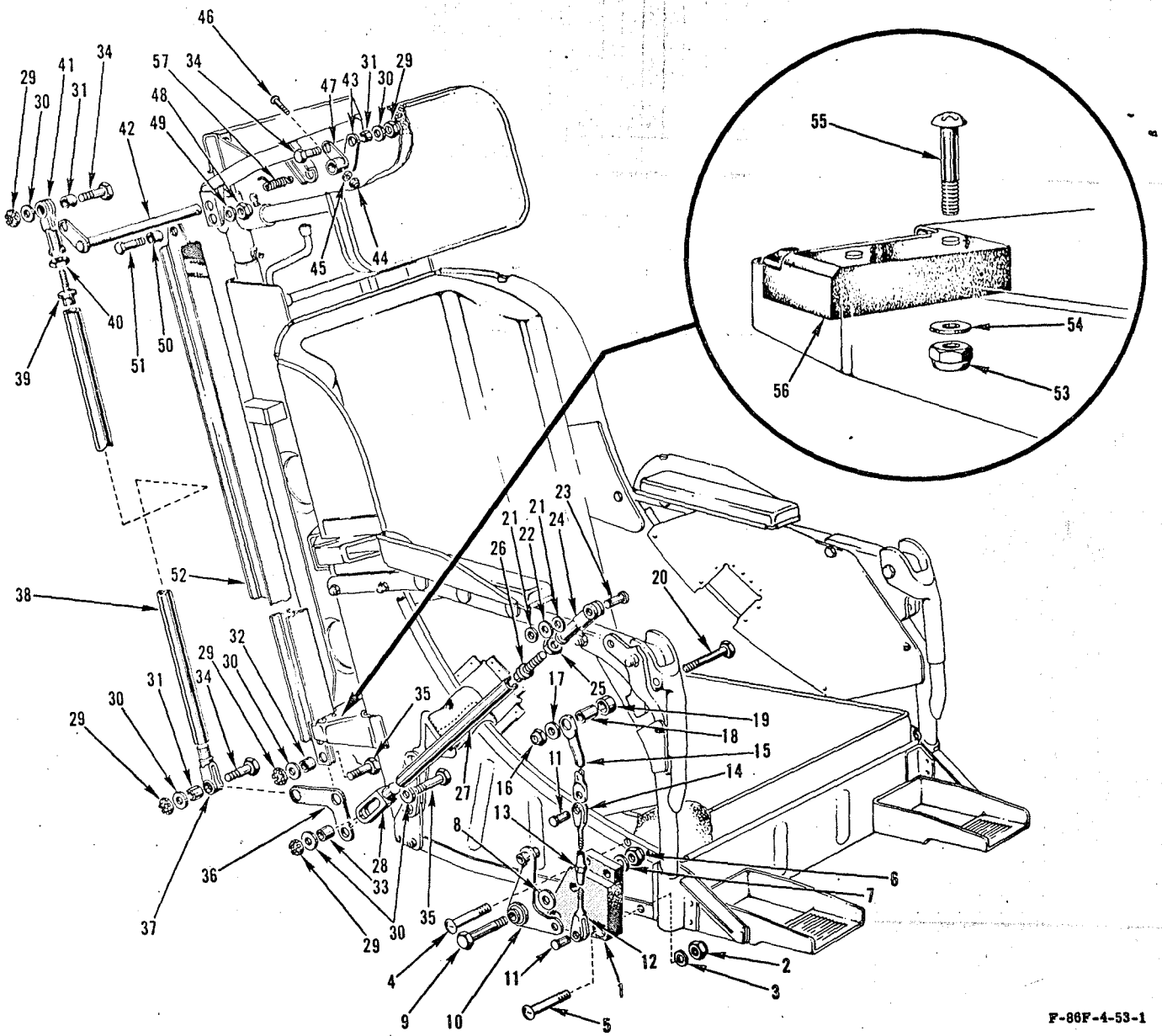


FIGURE 368 - PILOT'S EJECTION SEAT GUN FIRING EQUIPMENT

FUSELAGE FURNISHINGS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
368	No Number *2	EJECTION SEAT GUN FIRING EQUIPMENT (see figure 366 for next assembly)	NP	A
-1	170-31836	. SUPPORT, Canopy emergency release seat bellcrank	1	A
-2	AN365-1032	. NUT	4	*1
-3	AN960C10	. WASHER	4	*1
-4	NAS221-13	. SCREW, Brazier head Phillips recess alloy steel 10-32	2	*1
-5	NAS221-13	. SCREW, Brazier head Phillips recess alloy steel 10-32	2	*1
-6	AN365-428	. NUT	1	A
-7	AN960C416	. WASHER	1	A
-8	2W1-16-32-63	. WASHER, Plain (North American)	1	A
-9	AN4-17A	. BOLT	1	A
-10	151-318135	. BELLCRANK ASSEMBLY, Canopy emergency release seat	1	A
-11	AN393-9	. PIN	2	A
-12	AN161-8RS	. FORK	1	A
-13	AN155-8S	. BARREL	1	A
-14	AN161-8LS	. FORK	1	A
-15	170-31842	. LINK, Canopy emergency release cable	1	A
-16	AN365-1032	. NUT	1	A
-17	AN960C10	. WASHER	1	A
-18	4S4D6-19	. SPACER, Rivet (North American)	1	A
-19	4S4D10-16	. SPACER, Rivet (North American)	1	A
-20	AN3-17A	. BOLT	1	A
-21	AN960C10L	. WASHER	2	A
-22	2W1R12-16-65	. WASHER, Plain (North American)	1	A
-23	AN393-21	. PIN	1	A
	170-53181	. LINK ASSEMBLY, Seat catapult firing lower	1	A
-24	AN486-3	. . CLEVIS	1	A
-25	AN316-4	. . NUT	1	A
-26	1R10-6-035-428	. . RIVETING ROD END, Threaded (North American)	1	A
-27	170-53181-3	. . TUBE, Seat catapult firing lower link	1	A
-28	170-53180	. . CLEVIS, Seat catapult firing lower link	1	A
-29	AN320-3	. NUT	5	A
-30	AN960C10L	. WASHER	6	A
-31	NAS43C3-10	. SPACER, Bolt	2	A
	NAS43C3-17	. SPACER, Bolt	1	A
-32	NAS43C3-25	. SPACER, Bolt	1	A
-33	NAS43C3-26	. SPACER, Bolt	1	A
-34	AN23-10	. BOLT	3	A
-35	AN23-12	. BOLT	2	A
-36	170-53109	. BELLCRANK, Seat catapult firing mechanism lower	1	A
	170-53110	. LINK ASSY, Seat catapult firing mechanism trigger rod upper	1	A
-37	AN481-4	. . CLEVIS	1	A
-38	170-53110-3	. . TUBE, Seat catapult firing mechanism trigger rod upper	1	A
-39	1R10-6-035-428	. . RIVETING ROD END, Threaded (North American)	1	A
-40	AN316-4	. . NUT	1	A
-41	AN486-4	. . CLEVIS	1	A
-42	170-53117	. SHAFT ASSEMBLY, Seat catapult firing mechanism torque	1	A
-43	170-53115	. LINK, Seat catapult firing mechanism sear	1	A
-44	AN365-832	. NUT	1	A
-45	AN960D8L	. WASHER	1	A
-46	NAS220-17	. SCREW, Brazier head Phillips recess alloy steel 8-32	1	A
-47	170-53116	. BELLCRANK, Seat catapult firing mechanism upper	1	A
-48	AN320-4	. NUT, Castle shear	1	A
-49	AN960C416L	. WASHER	1	A
-50	NAS43C4-10	. SPACER, Bolt	1	A
-51	AN4-5A	. BOLT	1	A
-52	170-53119	. BEAM ASSEMBLY, Seat catapult firing mechanism bellcrank support	1	A
	170-53125-2	. BRACKET ASSY, Seat catapult firing mechanism beam guide	1	A
-53	AN365-1032	. . NUT	2	A
-54	AN960C10	. . WASHER	2	A
-55	AN520-10R16	. . SCREW	2	A
-56	170-53125-7	. . BLOCK, Seat catapult firing mechanism beam guide bracket	1	A
-57	170-53044	. SPRING, Seat catapult firing mechanism torque shaft	1	

*1 Reworked per T. O. 1F-86F-28
*2 Not used on airplanes 51-2850 thru 51-13129 modified per T. O. 1F-86-227. See fig. 373.

USEABLE ON CODE: A 51-2850 thru 51-13129

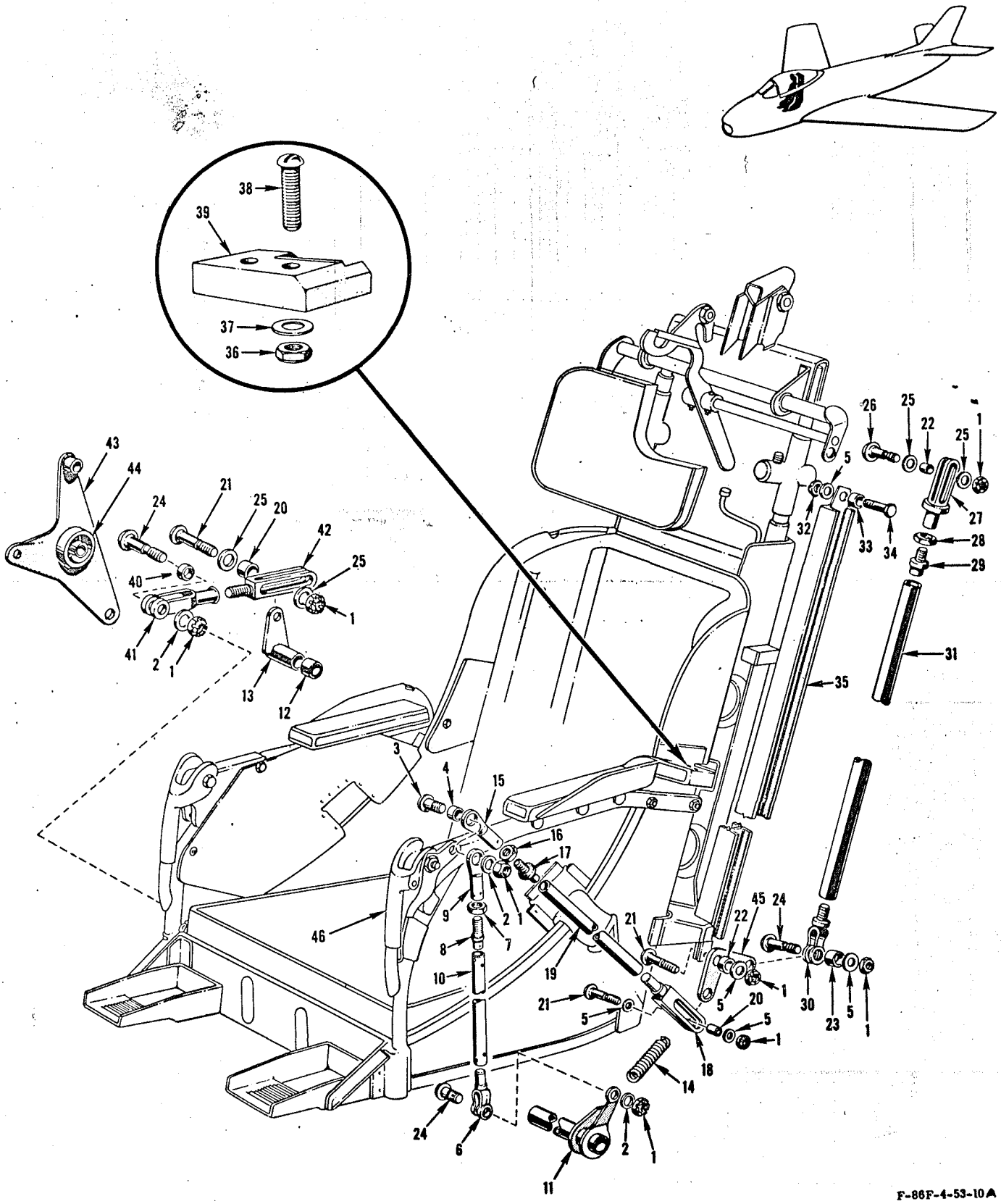


FIGURE 369 - EJECTION SEAT LEFT SIDE HANDLE SEQUENCING EQUIPMENT

FUSELAGE FURNISHINGS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
369	No Number	EJECTION SEAT LEFT SIDE HANDLE SEQUENCING EQUIPMENT, (see figure 366 for next assembly)	NP	A,*6,*7
-1	AN320-3	. NUT	7	A,*6
	AN365-1032	. NUT	1	A,*4,*5,*6
-2	AN960D10L	. WASHER	2	A,*6
	2W18-10L	. WASHER, Plain (North American)	1	A,*4,*5,*6
-3	AN23-10A	. BOLT	1	A,*4,*5,*6
-4	NAS43-3-14	. SPACER, Screw and bolt	1	A,*4,*5,*6
-5	AN960D10L	. WASHER	5	A,*6
	172-53086	. LINK ASSY, Ejection seat handle sequencing	1	A
	172-53086-20	. LINK ASSY, Ejection seat handle sequencing (use 172-53086 untl exh, whn exh use 172-53086-30)	1	A
	172-53086-30	. LINK ASSY, Ejection seat handle sequencing (use 172-53086 or 172-53086-20 untl exh)	1	A,*6
-6	AN486-4	. . ROD END	1	*1,*2
-7	AN316-4	. . NUT	1	*1,*2,*3,*6
-8	1R10-6-.035-428	. . RIVETING ROD END, Threaded (North American)	1	*1,*2,*3,*6
-9	AN481-4P	. . ROD END	1	*1,*2
	191-53061	. . ROD END, Ejection seat catapult firing	1	*3,*5,*6
-10	172-53086-3	. . TUBE, Ejection seat handle sequencing	1	*1
	172-53086-5	. . TUBE, Ejection seat handle sequencing	1	*2,*3,*6
-11	172-53087	. BELLCRANK ASSY, Ejection seat handle sequencing	1	A,*6
-12	NAS43C8-16	. SPACER, Screw and bolt	1	A,*6
-13	172-53085	. SHAFT ASSY, Ejection seat handle sequencing	1	A,*6
-14	146-56713	. SPRING, Tension	1	A,*6
	170-53181-10	. LINK ASSY, Seat catapult firing lower (whn exh use 170-53181-20)	1	A
	170-53181-20	. LINK ASSY, Seat catapult firing lower (use 170-53181-10 untl exh)	1	A,*6
-15	AN486-4	. . CLEVIS	1	A,*6
	191-53061	. . ROD END, Ejection seat catapult lower	1	A,*6
-16	AN316-4	. . NUT	1	A,*6
-17	1R10-6-.035-428	. . RIVETING ROD END, Threaded (North American)	1	A,*6
-18	170-53180	. . CLEVIS	1	A,*6
-19	170-53181-3	. . TUBE, Seat catapult firing lower (used on 170-53181-10)	1	A
	170-53181-5	. . TUBE, Seat catapult firing lower (used on 170-53181-20)	1	A,*6
-20	NAS43C3-26	. SPACER, Screw and bolt	2	A,*6
-21	AN23-12	. BOLT	3	A,*6
-22	NAS43C3-25	. SPACER, Screw and bolt	2	A,*6
-23	NAS43C3-10	. SPACER, Screw and bolt	1	A,*6
-24	AN23-10	. BOLT	3	A,*6
-25	2W1-12-16-35	. WASHER, Plain (North American)	4	A,*6
-26	AN23-11	. BOLT	1	A,*6
	172-53102	. LINK ASSY, Ejection seat catapult safety pin removal vertical	1	A,*6
-27	172-53132	. . CLEVIS, Ejection seat catapult safety pin	1	A,*6
-28	AN316-4	. . NUT	1	A,*6
-29	1R10-6-.035-428	. . RIVETING ROD END, Threaded (North American)	1	A,*6
-30	AN481-4	. . ROD END	1	A,*6
-31	172-53102-3	. . TUBE, Ejection seat catapult safety pin removal vertical	1	A,*6
-32	AN320-4	. NUT	1	A,*6
-33	NAS43C4-10	. SPACER, Screw and bolt	1	A,*6
-34	AN4-5A	. BOLT	1	A,*6
-35	170-53119	. BEAM ASSY, Seat catapult firing mech bellcrank support	1	A
	170-53119-10	. BEAM ASSY, Seat catapult firing mech bellcrank support	1	*6
	170-53125-1	. BRACKET ASSY, Seat catapult firing mechanism beam guide	1	A,*6
-36	AN365-1032	. . NUT	2	A,*6
-37	AN960C10	. . WASHER	2	A,*6
-38	AN520-10R16	. . SCREW	2	A,*6
-39	170-53125-7	. . BLOCK, Seat catapult firing mechanism beam guide	1	A,*6
-40	NAS43C3-9	. SPACER, Screw and bolt	1	A,*6
-41	AN486-4	. CLEVIS	1	A,*6
-42	172-53090	. CLEVIS, Ejection seat handle sequencing	1	A,*6
-43	172-53088	. BELLCRANK ASSY, Ejection seat canopy release	1	A,*6
-44	AN207DP4	. . BEARING	1	A,*6
-45	170-53109	. BELLCRANK, Seat catapult firing mechanism lower	1	A,*6
-46	170-53021	HANDLE, Pilot's ejection seat left hand (see figure 360)	Ref	

*1 Used on 172-53086.
*2 Used on 172-53086-20
*3 Used on 172-53086-30
*4 Used to attach 170-53181-20 and 172-53036-30 to 170-53021 handle
*5 Reworked in accordance with T. O. No. 1F-86F-42
*6 Becomes effective on airplanes 51-2850 thru 51-13129 when reworked per T. O. 1F-86-161.
*7 Not used on airplanes 51-13130 thru 52-5530 modified per T. O. 1F-86-227. See fig. 373.

USEABLE ON CODE: A 51-13130 thru 51-13510,
52-4305 thru 52-5530

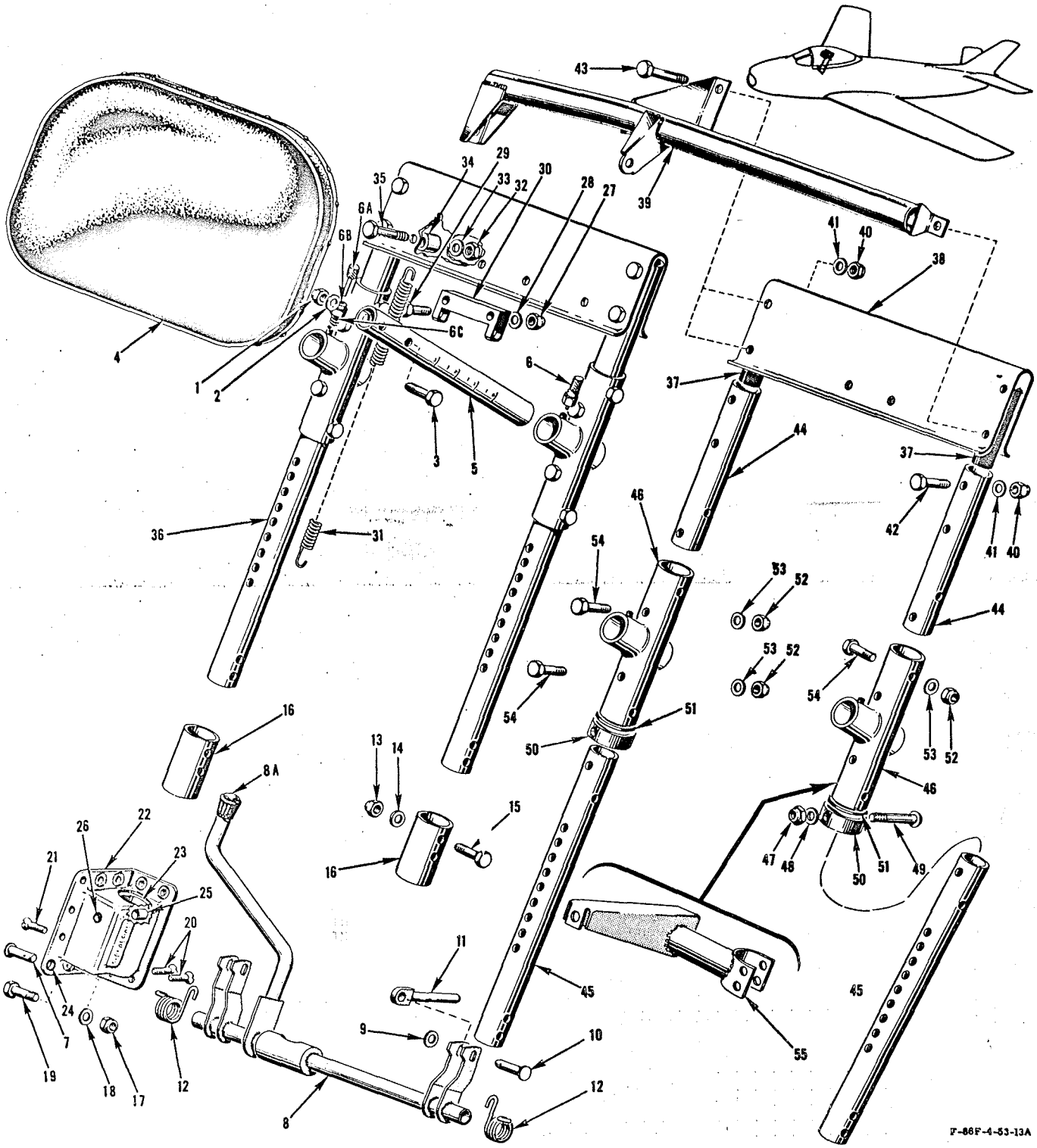


FIGURE 370 - PILOT'S HEAD REST EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
370	No Number	PILOT'S HEAD REST EQUIPMENT, (see fig. 366 for next assembly) . .	NP	
-1	AN365-1032	. NUT	4	A
-2	AN960C10	. WASHER	4	A
-3	AN3-13A	. BOLT	4	A
-4	170-53164	. REST ASSEMBLY, Pilot's ejection seat cushioned head	1	A
	176-53164	. REST ASSEMBLY, Ejection seat head	1	B
	176-53164-10	. REST ASSEMBLY, Ejection seat head	1	C,D,E
	176-53164-21	. REST ASSEMBLY, Ejection seat head	1	F,H

FUSELAGE FURNISHINGS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
370	170-53158-5		TUBE, Seat head rest adjustment LH	1	B,*3
	170-53158-6		TUBE, Seat head rest adjustment RH	1	B,*3
	176-53165-1		TUBE, Seat head rest adjustment LH	1	C,D,E,F,H,*3
	176-53165-2		TUBE, Seat head rest adjustment RH	1	C,D,E,F,H,*3
	AN365-1032		NUT	4	G
	AN960D10		WASHER	4	G
	AN3-13A		BOLT	4	G
	176-53163-10		PAD, Ejection seat head rest	1	G
	170-53163		REST ASSY, Ejection seat head	1	B,C
	170-53163-21		REST ASSY, Ejection seat head	1	D,E,F,H
	202-53165	*2	GUIDE, Pilot's ejection seat head rest parachute	1	
-5	170-53158-3		TUBE, Seat head rest adjustment LH	1	A,*3
	170-53158-4		TUBE, Seat head rest adjustment RH	1	A,*3
-6	151-53164		LATCH ASSEMBLY, Pilot's adjustable head rest	2	
-6A	151-53162		PIN, Pilot's adjustable head rest latch	1	
-6B	141-53160		NUT, Pilot's adjustable head rest latch	1	
-6C	147-43069		SPRING	1	
-7	AN395-55		PIN	2	
-8	170-53061		SHAFT ASSEMBLY, Ejection seat adjustment pin operating	1	
-8A	16AS		TIP, Crutch (Rubber Craft)	1	
-9	AN960C10L		WASHER	2	
-10	AN393-17		PIN	2	
-11	170-53056		PIN, Ejection seat adjustment	2	
-12	161-53062-1		SPRING, Pilot's ejection seat adjustment LH	1	
	161-53062-2		SPRING, Pilot's ejection seat adjustment RH	1	
-13	AN365-1032		NUT	4	
-14	AN960C10		WASHER	4	
-15	AN23-25A		BOLT	4	
-16	170-53053		STOP, Ejection seat carrier assembly	2	
-17	AN365-1032		NUT	22	
-18	AN960C10		WASHER	22	
-19	AN3-5A		BOLT	8	
	AN3-4A		BOLT	2	
-20	AN509-10-9		SCREW	8	
-21	AN509-10-9		SCREW	4	
-22	170-53058-5		FITTING ASSEMBLY, Ejection seat adjustment slide LH	1	
	170-53058-6		FITTING ASSEMBLY, Ejection seat adjustment slide RH	1	
-23	170-53058-7		BEARING, Ejection seat slide fitting	1	
-24	4B19S5-005		BUSHING, Press. fit plain (North American)	1	
-25	170-53055-3		BUSHING, Ejection seat adjustment pin	1	
-26	170-53055-5		BUSHING, Ejection seat adjustment pin	1	
-27	AN365-428		NUT	2	
-28	AN960C416		WASHER	2	
-29	AN4-15A		BOLT	2	
-30	170-53057		FITTING, Ejection seat gun upper attaching	1	
-31	140-53093		CORD ASSEMBLY, Pilot's ejection seat carrier shock (whn exh use 170-53011)	2	
	170-53011		SPRING, Tension (use 140-53093 untl exh)	2	
-32	AN365-1032		NUT	4	
-33	AN960C10		WASHER	4	
-34	NAS42C3-64		SPACER, Rivet	2	
-35	AN3-14A		BOLT	2	
	172-53095		CARRIER ASSY, Ejection seat (see fig. 371 for breakdown)	1	C
	202-53095		CARRIER ASSY, Ejection seat (see fig. 371 for breakdown)	1	D
	202-53095-21		CARRIER ASSY, Ejection seat (see fig. 371 for breakdown)	1	E,F,H
-36	170-53037-10		CARRIER ASSEMBLY, Ejection seat	1	A,B
-37	170-53037-9		FILLER, Ejection seat carrier assembly	2	A,B
-38	170-53045		BEAM, Ejection seat gun attaching	1	A,B
-39	170-53118		BRACKET ASSY, Seat catapult firing mechanism support	1	A,B,*4
-40	AN365-428		NUT	4	A,B,*4
-41	AN960C416L		WASHER	4	A,B,*4
-42	AN4-15A		BOLT	1	A,B
-43	AN4-16A		BOLT	3	A,B,*4
-44	170-53037-3		TUBE, Ejection seat carrier upper	2	A,B
-45	170-53037-5		TUBE, Ejection seat carrier lower	2	A,B
-46	151-53169-5		FITTING, Pilot's head rest support	2	A,B
-47	AN365-1032		NUT	2	A,B
-48	AN960-10L		WASHER	2	A,B
-49	NAS221-25		SCREW, Brazier head Phillips recess alloy steel 10-32	2	A,B
-50	172-53095-11		SPACER, Ejection seat carrier assembly	2	A,B
-51	2W1LB65-44-62		WASHER, Plain (North American)	2	A,B
-52	AN365-1032		NUT	8	A,B
-53	AN960C10L		WASHER	8	A,B
-54	AN3-15A		BOLT	8	A,B
-55	170-53022		BRACKET ASSY, Seat catapult lateral safety pin removal upper support	1	*1,*4

*1 Effective on airplanes 51-2850 thru 51-13129 reworked per T. O. 1F-86-161.
*2 Refer to T. O. 1F-86-220.
*3 Refer to T. O. 1F-86-537.
*4 Not used on airplanes 51-2850 thru 51-13129 modified per T. O. 1F-86-227.

USEABLE ON CODE:
A 51-2850 thru 51-2877
B 51-2850 thru 51-13129
C 51-13130 thru 51-13510, 52-4305 thru 52-5530
D 53-1072 thru 53-1096
E 53-1097 thru 53-1171
F 53-1172 thru 53-1228
G 51-2878 and subs
H 55-3816 and subs

FUSELAGE FURNISHINGS (Cont)

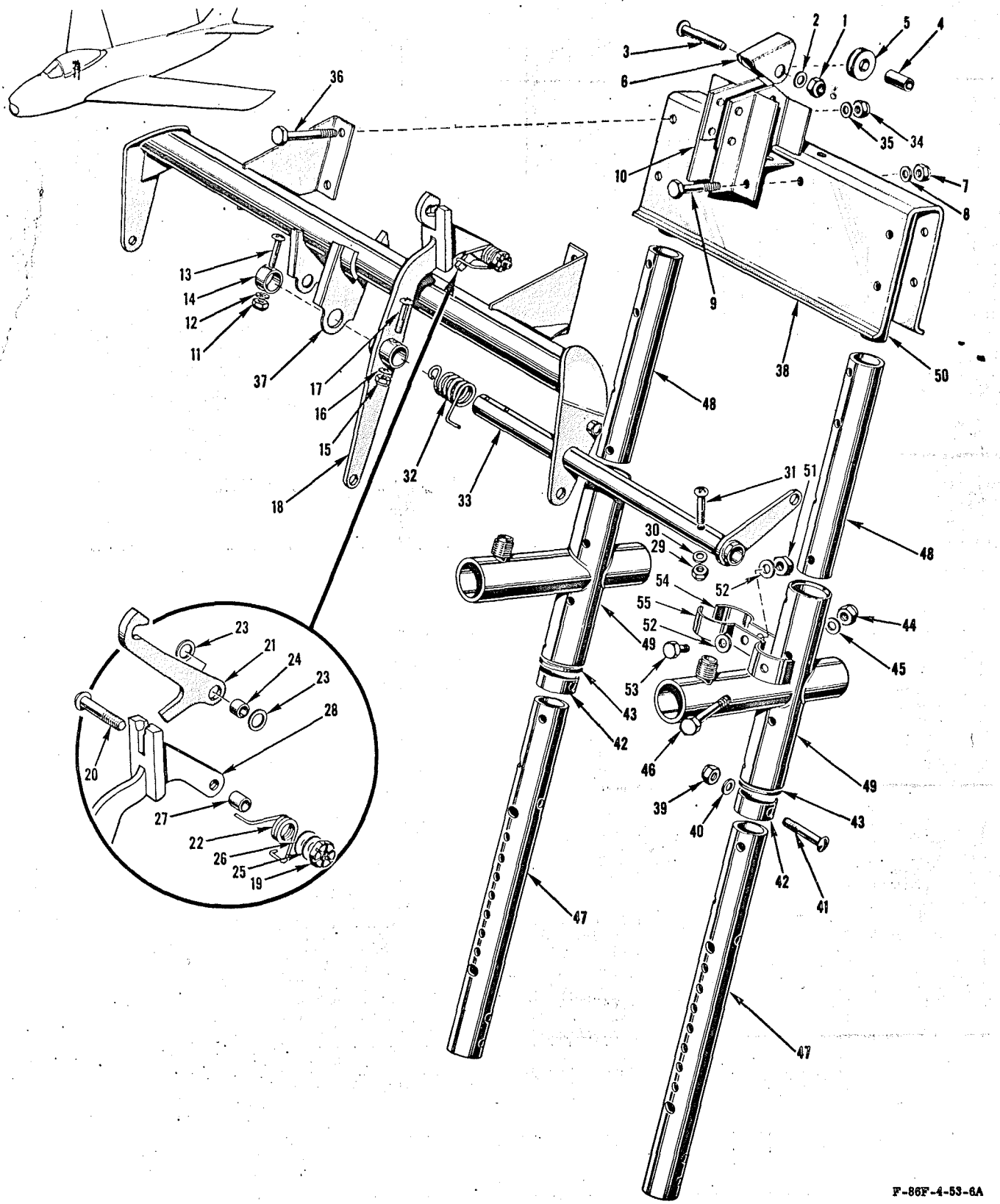


FIGURE 371 - EJECTION SEAT CARRIER ASSEMBLY

FUSELAGE FURNISHINGS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
371	172-53095		CARRIER ASSY, Ejection seat (see fig. 370 for next assy)	Ref	A
	202-53095		CARRIER ASSY, Ejection seat (see fig. 370 for next assy)	Ref	B
	202-53095-21		CARRIER ASSY, Ejection seat (see fig. 370 for next assy)	Ref	C,D
-1	AN320-3	.	NUT	1	A,*1,*3
-2	AN960D10	.	WASHER	1	A,*1,*3
-3	AN23-17	.	BOLT	1	A,*1,*3
-4	NAS42C6-40	.	SPACER, Rivet	1	A,*1,*3
-5	172-53049	.	ROLLER, Ejection seat catapult sear safety pin release	1	A,*1,*3
-6	172-53078	.	HOUSING, Ejection seat catapult sear safety pin release roller	1	A,*1,*3
-7	AN365-1032	.	NUT	4	A,*1,*3
-8	AN960D10	.	WASHER	4	A,*1,*3
-9	NAS221-10	.	SCREW, Brazier head Phillips recess alloy steel 10-32	4	A,*1,*3
-10	172-53099	.	BRACKET ASSY, Ejection seat catapult sear pin release rod	1	A,*3
	173-53076	.	BRACKET ASSY, Ejection seat catapult sear pin release rod	1	*1,*3
-11	AN365-1032	.	NUT	1	A,*1,*3
-12	AN960D10	.	WASHER	1	A,*1,*3
-13	NAS221-18	.	SCREW, Brazier head Phillips recess alloy steel 10-32	1	A,*1,*3
-14	172-53034	.	COLLAR, Ejection seat catapult safety pin torque shaft	1	A,*1,*3
-15	AN365-1032	.	NUT	1	A,*1,*3
-16	AN960D10	.	WASHER	1	A,*1,*3
-17	NAS221-18	.	SCREW, Brazier head Phillips recess alloy steel 10-32	1	A,*1,*3
-18	172-53097	.	BELLCRANK ASSY, Ejection seat catapult safety pin	1	A,*1,*3
-19	AN320-3	. .	NUT	1	A,*1,*3
-20	AN23-12	. .	BOLT	1	A,*1,*3
-21	172-53098	. .	LEVER, Ejection seat catapult safety pin disconnect	1	A,*1,*3
-22	172-53094	. .	SPRING, Ejection seat catapult safety pin disconnect	1	A,*1,*3
-23	AN960D516L	. .	WASHER	2	A,*1,*3
-24	NAS43C3-12	. .	SPACER, Screw and bolt	1	A,*1,*3
-25	AN960D10	. .	WASHER	1	A,*1,*3
-26	2W1-12-16-62	. .	WASHER, Plain (North American)	1	A,*1,*3
-27	NAS43C3-22	. .	SPACER, Screw and bolt	1	A,*1,*3
-28	172-53097-10	. .	BELLCRANK, Ejection seat catapult safety pin	1	A,*1,*3
-29	AN365-1032	.	NUT	1	A,*1,*3
-30	AN960D10	.	WASHER	1	A,*1,*3
-31	NAS221-17	.	SCREW, Brazier head Phillips recess alloy steel 10-32	1	A,*1,*3
-32	172-53080	.	SPRING, Ejection seat lateral safety pin torque shaft	1	A,*1,*3
-33	172-53032	.	SHAFT ASSY, Ejection seat catapult safety pin torque	1	A,*1,*3
-34	AN365-428	.	NUT	4	E
-35	AN960C416L	.	WASHER	4	E
-36	AN4-16A	.	BOLT	4	E
-37	172-53030	.	SUPPORT ASSY, Ejection sear and lateral safety pin removal mechanism	1	A,*3
-38	170-53045	.	BEAM, Ejection seat gun attaching	1	E
-39	AN365-1032	.	NUT	2	E
-40	AN960-10L	.	WASHER	2	E
-41	NAS221-26	.	SCREW, Brazier head Phillips recess alloy steel 10-32	2	E
-42	172-53095-11	.	SPACER, Ejection seat carrier assembly	2	A
	202-53095-11	.	SPACER, Ejection seat carrier assembly	2	B,C,D
-43	2W1LB65-44-62	.	WASHER, Plain (North American)	2	A
-44	AN365-1032	.	NUT	8	E
-45	AN960C10L	.	WASHER	8	E
-46	AN3-16A	.	BOLT	1	C,D
	AN3-15A	.	BOLT	8	A,B
	AN3-15A	.	BOLT	7	C,D
-47	172-53095-5	.	TUBE, Ejection seat carrier assembly	2	A
	202-53095-5	.	TUBE, Ejection seat carrier assembly	2	B,C,D
-48	172-53095-3	.	TUBE, Ejection seat carrier assembly	2	A
	202-53095-3	.	TUBE, Ejection seat carrier assembly	2	B,C,D
-49	151-53169-5	.	FITTING, Pilot's head rest support	2	E
-50	172-53095-9	.	FILLER, Ejection seat carrier assy	2	A
	202-53095-9	.	FILLER, Ejection seat carrier assy	2	B,C,D
	202-53091	. .	CLAMP ASSY, Ejection seat automatic lap safety belt release	1	C,D,*2
-51	AN364-1032	. .	NUT	1	C,D
-52	2W17-10	. .	WASHER, Corrosion resistant steel (North American)	2	C,D
-53	NAS221-7	. .	SCREW, Brazier head Phillips recess alloy steel 10-32	1	C,D
-54	202-53091-3	. .	CLAMP, Ejection seat automatic lap safety belt release	1	C,D
-55	202-53091-5	. .	CLAMP, Ejection seat automatic lap safety belt release	1	C,D

*1 Effective on airplanes 51-2850 thru 51-13129 reworked per T. O. 1F-86-161.
*2 Used on all F-86F airplanes when reworked per T. O. 1F-86-206C.
*3 Not used on airplanes 51-13130 thru 53-1228 modified per T. O. 1F-86-227.

USEABLE ON CODE:
A 51-13130 thru 52-5530
B 53-1072 thru 53-1096
C 53-1097 thru 53-1228
D 55-3816 and subs
E 51-13130 and subs

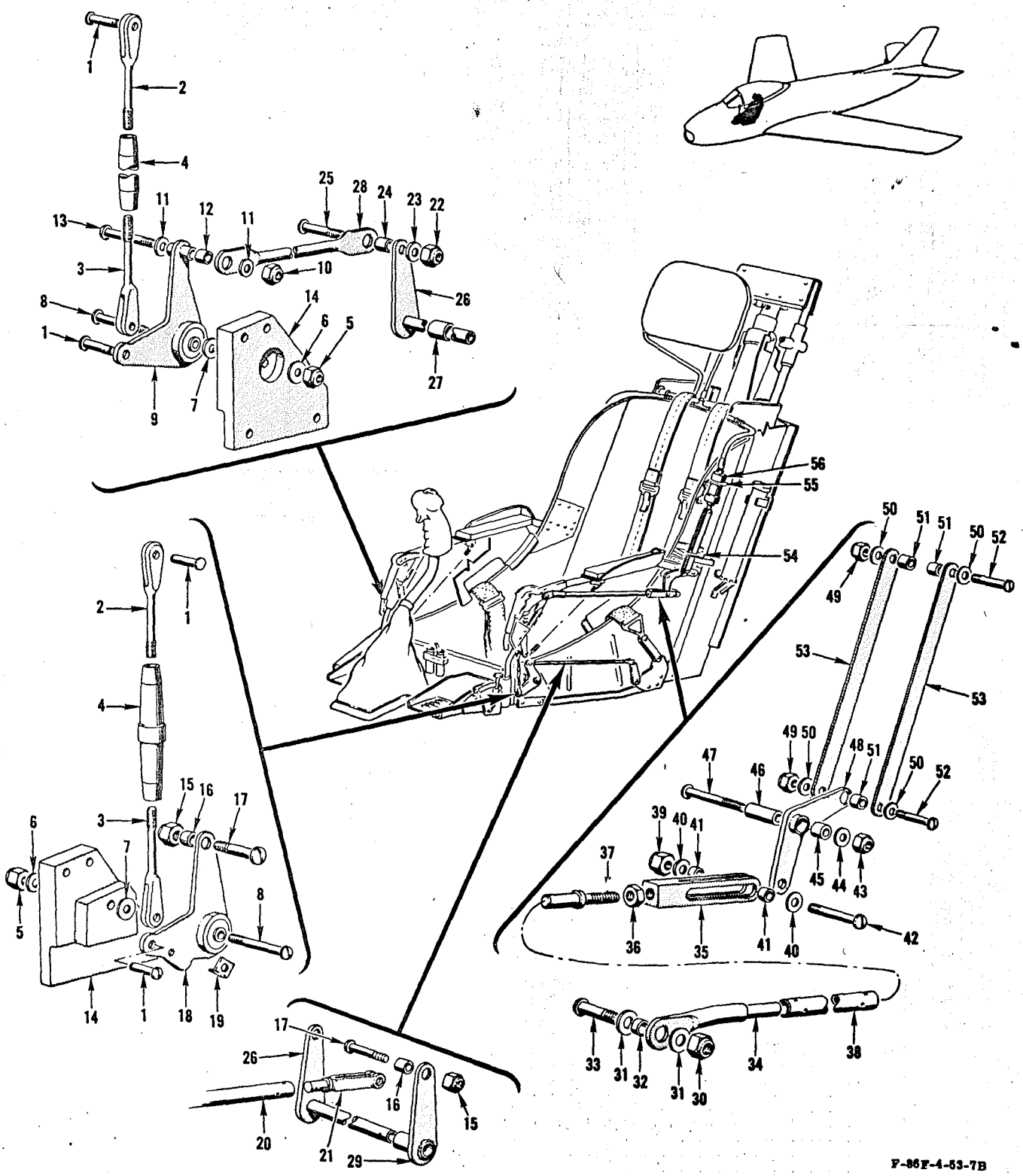


FIGURE 372 - EJECTION SEAT HANDLE SEQUENCING EQUIPMENT

FUSELAGE FURNISHINGS (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
372	No Number	*2	EJECTION SEAT HANDLE SEQUENCING EQUIP.,(see fig. 366 for next assembly)	NP	A
-1	AN393-9		. PIN	4	A
-2	AN161-8RS		. FORK	2	A
-3	AN161-8LS		. FORK	2	A
-4	AN155-8S		. BARREL	2	A
-5	AN365-428		. NUT	2	A
-6	AN960C416		. WASHER	2	A
-7	2W1-16-13-63		. WASHER, Plain (North American)	2	A
-8	AN24-28A		. BOLT	2	A
-9	172-53134		. BELLCRANK ASSY, Ejection seat canopy emer release RH	1	A
	AN270DP4		. . BEARING	1	A
-10	AN365-1032		. NUT	1	A
-11	AN960-106		. WASHER	2	A
-12	NAS43C3-6		. SPACER, Screw and bolt	1	A
-13	NAS221-19		. SCREW, Brazier head Phillips recess alloy steel 10-32	1	A
-14	172-53108-1		. SUPPORT, Ejection seat canopy emer release bellcrank LH	1	A
	172-53108-2		. SUPPORT, Ejection seat canopy emer release bellcrank RH	1	A
-15	AN365-1032		. NUT	2	A
-16	NAS43C3-8		. SPACER, Screw and bolt	2	A
-17	AN23-10		. BOLT	2	A
-18	172-53103		. BELLCRANK ASSY, Ejection seat canopy emer release LH	1	A
-19	172-53103-7		. . CLAMP, Ejection seat canopy emer release	1	A
	AN207DP4		. . BEARING	1	A
-20	172-53105		. ROD ASSY, Ejection seat canopy emer release LH	1	A
-21	AN481-4		. . CLEVIS	2	A
-22	AN365-1032		. NUT	2	A
-23	AN960-10L		. WASHER	2	A
-24	NAS43C3-6		. SPACER, Screw and bolt	2	A
-25	NAS221-9		. SCREW, Brazier head Phillips recess alloy steel 10-32	1	A
-26	172-53106		. TUBE ASSY, Ejection seat canopy emer release torque	1	A
-27	NAS43C8-20		. SPACER, Screw and bolt	1	A
-28	172-53104		. ROD, Ejection seat canopy emergency release RH	1	A
-29	172-53107		. ARM ASSY, Ejection seat canopy emergency release torque	1	A
-30	AN365-1032		. NUT	1	A
-31	2W17-106		. WASHER, Corrosion resistant steel (North American)	2	A
-32	NAS43C3-8		. SPACER, Screw and bolt	1	A
-33	AN23-11A		. BOLT	1	A
	172-53117-1		. ROD ASSY, Ejection seat initiator horizontal LH	1	A
	172-53117-2		. ROD ASSY, Ejection seat initiator horizontal RH	1	A
-34	202-53051-1		. . ROD END, Ejection seat initiator horizontal rod LH	1	A
	202-53051-2		. . ROD END, Ejection seat initiator horizontal rod RH	1	A
-35	172-53118		. . CLEVIS, Ejection seat initiator horizontal rod	1	A
-36	AN316-4		. . NUT, Check	1	A
-37	1R12-6-035-428		. . RIVETING ROD END, Threaded (North American)	1	A
-38	172-53117-3		. . TUBE, Ejection seat initiator horizontal	1	A
-39	AN365-1032		. NUT	1	A
-40	2W1C12-20-62		. WASHER, Plain (North American)	2	A
-41	NAS43C3-10		. SPACER, Screw and bolt	1	A
-42	AN23-13A		. BOLT	1	A
-43	AN365-428		. NUT	1	A
-44	AN960D416		. WASHER	1	A
-45	NAS43C4-16		. SPACER, Screw and bolt	1	A
-46	NAS43C4-75		. SPACER, Screw and bolt	1	A
-47	NAS222-32		. SCREW, Brazier head Phillips recess alloy steel 10-32	1	A
-48	172-53120-1		. BELLCRANK ASSY, Ejection seat initiator upper LH	1	A
	172-53120-2		. BELLCRANK ASSY, Ejection seat initiator upper RH	1	A
-49	AN365-1032		. NUT	4	A
-50	AN960-10L		. WASHER	8	A
-51	NAS43C3-4		. SPACER, Screw and bolt	6	A
-52	AN23-9A	*1	. BOLT	4	A
-53	172-53122		. LINK, Ejection seat initiator	4	A
-54	172-53121		. GUIDE, Ejection seat initiator link	2	A
-55	172-53115		. BRACKET ASSY, Ejection seat initiator	2	A
-56	BLX32-1		INITIATOR, (catapult) (see fig. 364)	Ref	

*1 Refer to T. O. 1F-86F-226.
*2 This configuration is not used on airplanes 53-1072 thru 53-1228 that have been modified per T. O. 1F-86-227. See fig. 373 for modified airplanes

USEABLE ON CODE: A 53-1072 thru 53-1228

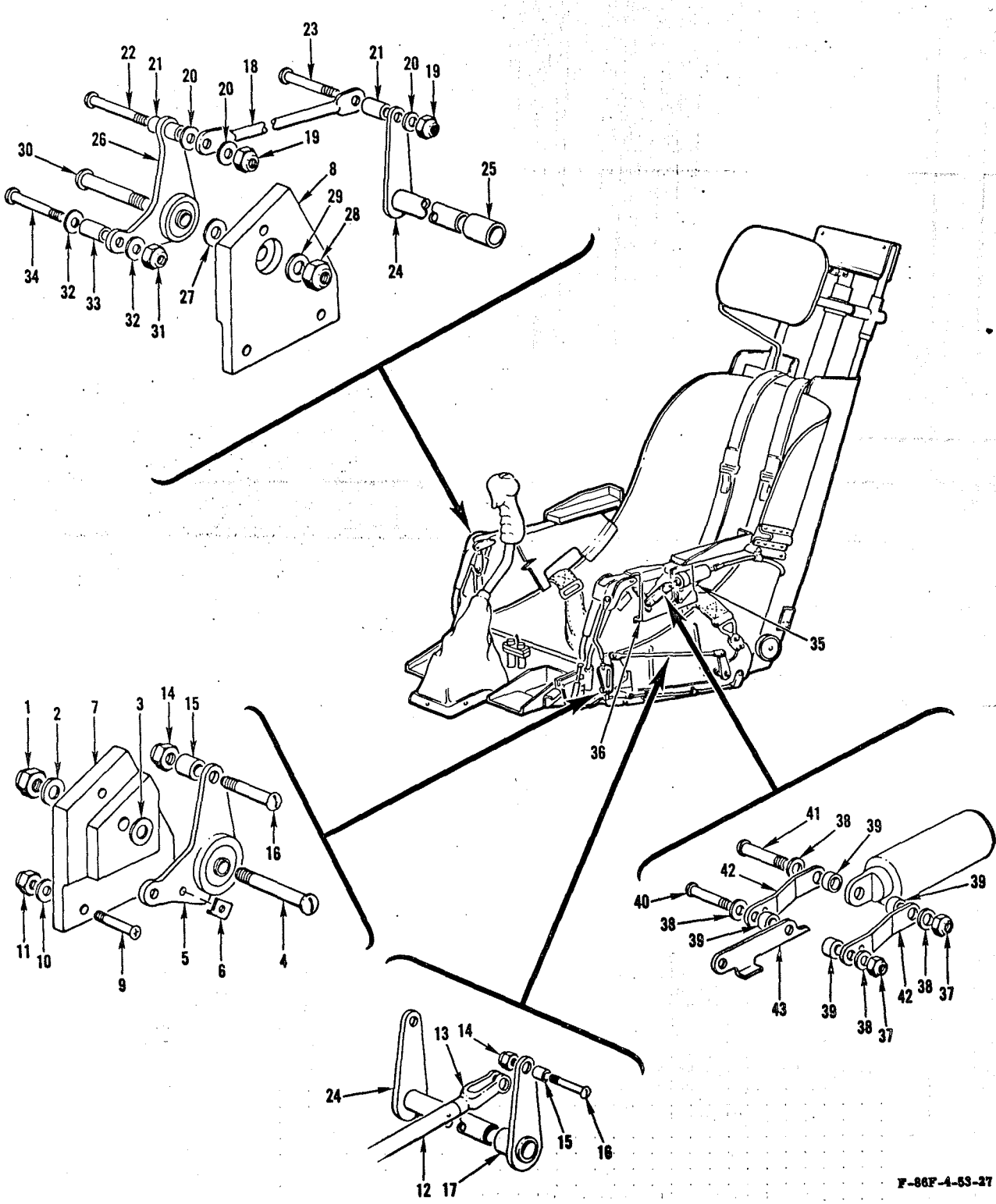


FIGURE 373 - EJECTION SEAT HANDLE SEQUENCING EQUIPMENT

FUSELAGE FURNISHING (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
373	No Number	*1		EJECTION SEAT HANDLE SEQUENCING EQUIPMENT (see fig. 367 for next assy)	NP	A
-1	AN365-428		.	NUT	1	A
-2	2W18-416		.	WASHER, Flat (North American)	1	A
-3	2W1-16-32-63		.	WASHER, Plain (North American)	1	A
-4	AN24-28A		.	BOLT	1	A
-5	172-53103		.	BELLCRANK ASSY, Ejection seat canopy emer release LH	1	A
	AN207DP4		. .	BEARING	1	A
-6	172-53103-7		. .	CLAMP, Ejection seat canopy emer release	1	A
-7	172-53108-1		.	SUPPORT, Ejection seat canopy emer release bellcrank LH	1	A
-8	172-53108-2		.	SUPPORT, Ejection seat canopy emer release bellcrank RH	1	A
-9	NAS221-13		.	SCREW, Brazier head Phillips recess alloy steel 10-32	3	A
	NAS221-16		.	SCREW, Brazier head Phillips recess alloy steel 10-32	2	A
-10	2W18-10		.	WASHER, Flat (North American)	5	A
-11	AN365-1032		.	NUT	5	A
-12	172-53105		.	ROD ASSY, Ejection seat canopy emer release LH	1	A
-13	AN481-4		. .	CLEVIS	2	A
-14	AN365-1032		.	NUT	2	A
-15	NAS43-3-8		.	SPACER, Screw and bolt	2	A
-16	AN23-10A		.	BOLT	2	A
-17	172-53107		.	ARM ASSY, Ejection seat canopy emer release torque	1	A
-18	172-53104		.	ROD, Ejection seat canopy emer release RH	1	A
-19	AN364-1032		.	NUT	2	A
-20	2W18-10M		.	WASHER, Flat (North American)	5	A
-21	NAS43-3-6		.	SPACER, Screw and bolt	2	A
-22	NAS221-16		.	SCREW, Brazier head Phillips recess alloy steel 10-32	1	A
-23	NAS221-8		.	SCREW, Brazier head Phillips recess alloy steel 10-32	1	A
-24	172-53106		.	TUBE ASSY, Ejection seat canopy emer release torque	1	A
-25	NAS43-8-20		.	SPACER, Screw and bolt	1	A
-26	172-53134		.	BELLCRANK ASSY, Ejection seat canopy emer release RH	1	A
	AN207DP4		. .	BEARING	1	A
-27	2W1-16-32-63		.	WASHER, Plain (North American)	1	A
-28	AN365-428		.	NUT	1	A
-29	2W18-416		.	WASHER, Flat (North American)	1	A
-30	AN24-28A		.	BOLT	1	A
-31	AN365-1032		.	NUT	2	A
-32	2W18-10		.	WASHER, Flat (North American)	4	A
-33	NAS43-3-8		.	SPACER, Screw and bolt	2	A
-34	NAS221-9		.	SCREW, Brazier head Phillips recess alloy steel 10-32	2	A
-35	202-53010-1		.	BRACKET, Ejection seat catapult initiator LH	1	A
	202-53010-2		.	BRACKET, Ejection seat catapult initiator RH	1	A
-36	202-53011-1		.	GUARD ASSY, Ejection seat catapult initiator linkage LH	1	A
	202-53011-2		.	GUARD ASSY, Ejection seat catapult initiator linkage RH	1	A
-37	AN365-1032		.	NUT	4	A
-38	2W18-10		.	WASHER, Flat (North American)	4	A
-39	NAS43-3-8		.	SPACER, Screw and bolt	4	A
-40	AN23-10A		.	BOLT	2	A
-41	AN23-11A		.	BOLT	2	A
-42	202-53012		.	LINK, Pilot's ejection seat catapult initiator lower	4	A
-43	202-53013-1		.	LINK, Pilot's ejection seat catapult initiator upper LH	1	A
	202-53013-2		.	LINK, Pilot's ejection seat catapult initiator upper RH	1	A

*1 Also used on airplanes 51-2850 thru 53-1228 modified per T. O. 1F-86-227.

See fig. 368, 369, and 372 for airplanes 51-2850 thru 53-1228 not modified per T. O. 1F-86-227.

USEABLE ON CODE: A 55-3816 and subs.

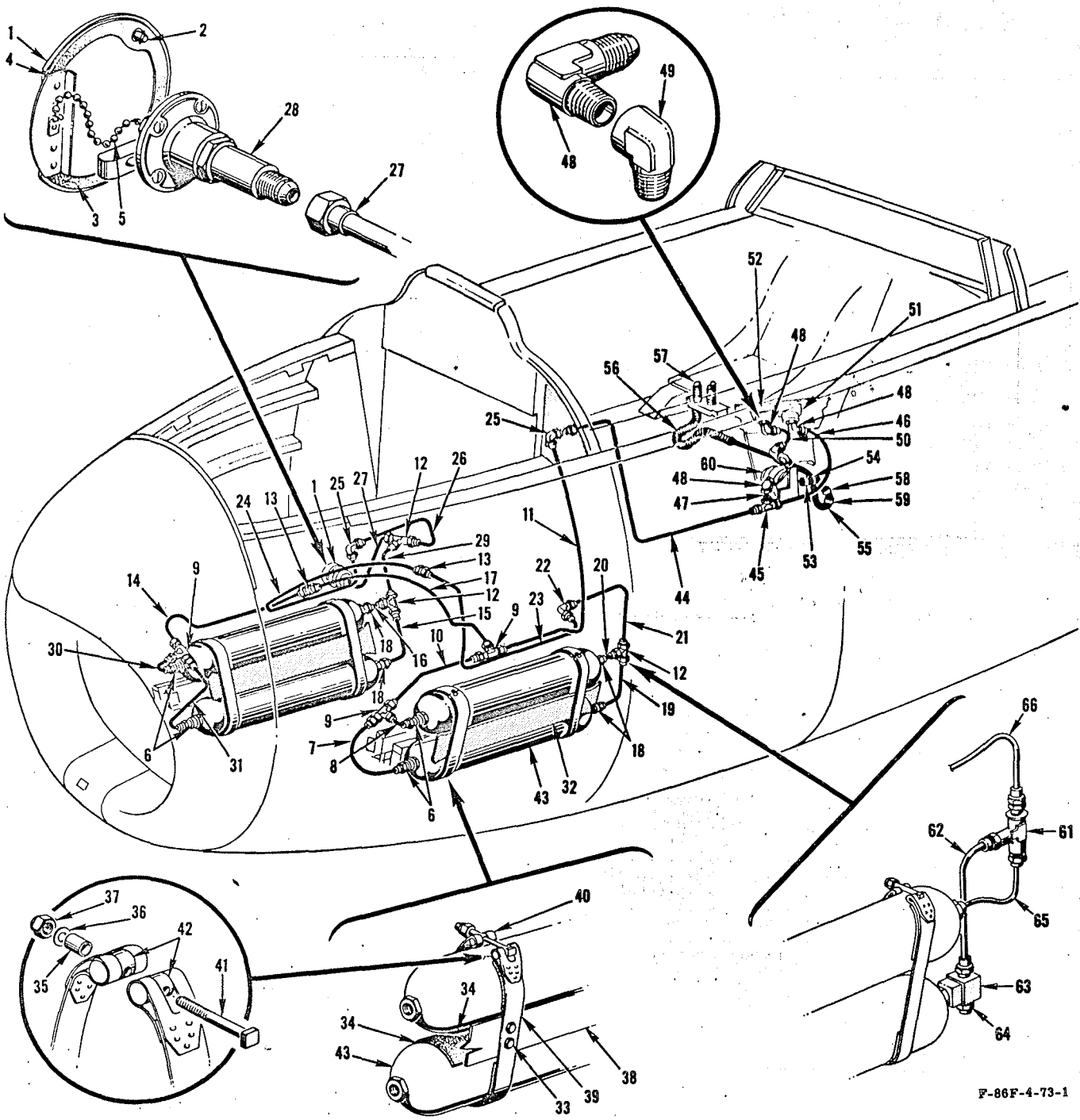


FIGURE 374 - COMPLETE OXYGEN SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
374	151-73301-60	OXYGEN SYSTEM INSTL, Complete (see figure 108 for next assy)	NP	A
	176-73301	OXYGEN SYSTEM INSTL, Complete (see figure 108 for next assy)	NP	B
	176-73301-10	OXYGEN SYSTEM INSTL, Complete (see figure 108 for next assy)	NP	C
-1	172-73327	. DOOR ASSY, Oxygen filler valve	1	
-2	99834-2-.170	. . STUD, (United-Carr)	2	
	99836	. . PIN, (United-Carr)	2	
-3	172-73328	. . SEAL, Oxygen filler valve door	1	
-4	172-73329	. . SEAL, Oxygen filler valve door retainer strip	1	
-5	9C1-1-5	. . CHAIN, Safety and bead (North American)	1	
	2C28	. . CLIP, (North American)	1	
-6	AN816-5-4D	. UNION	4	
-7	151-73318-5	. LINE ASSY, Lower oxygen cylinder to check valve fwd left	1	A,B,D
	151-73318-141	. LINE ASSY, Lower oxygen cylinder to check valve fwd left	1	E

FUSELAGE OXYGEN

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
374-8	151-73318-7	LINE ASSY, Upper oxygen cyl to check valve forward	1	
-9	AN6033-1	VALVE, Low pressure oxygen check style D (GFAE)	3	
-10	151-73318-73	LINE ASSY, Forward LH check valve to tee	1	A
	151-73318-133	LINE ASSY, Forward LH check valve to tee	1	B,D
	151-73318-143	LINE ASSY, Forward LH check valve to tee	1	E
-11	151-73318-77	LINE ASSY, Tee to elbow	1	A,B
	151-73318-135	LINE ASSY, Tee to elbow	1	C
-12	AN824-5D	TEE	3	
-13	AN815-5D	UNION	2	
-14	151-73318-71	LINE ASSY, Forward RH check valve to union	1	
-15	151-73318-83	LINE ASSY, Check valve to tee aft end of lower cyl RH	1	
-16	151-73318-85	LINE ASSY, Check valve to tee aft end of upper cyl RH	1	
-17	151-73318-107	LINE ASSY, Tee to union	1	A,B
	151-73318-137	LINE ASSY, Tee to union	1	C
-18	AN6036-1	VALVE, Low pressure oxygen check style G	4	F
	AN6036-1	VALVE, Low pressure oxygen check style G	3	G
-19	151-73318-119	LINE ASSY, Check valve to tee aft end of lower cyl LH	1	F
-20	151-73318-113	LINE ASSY, Check valve to tee aft end of upper cyl LH	1	F
-21	151-73318-121	LINE ASSY, Bulkhead fitting to tee aft end of upper cyl LH	1	F
-22	AN837-5D	ELBOW	1	
	AN924-5D	NUT	1	
	AN960D816	WASHER	1	
-23	151-73318-103	LINE ASSY, Bulkhead fitting to union LH side	1	
-24	151-73318-105	LINE ASSY, Bulkhead fitting to union RH side	1	
-25	AN833-5D	ELBOW	2	
	AN924-5D	NUT	2	
	AN960D816	WASHER	4	
	2W1V32-28-64	WASHER, Plain (North American)	2	
-26	151-73318-101	LINE ASSY, Bulkhead fitting to tee aft end of upper RH cyl	1	
-27	151-73318-99	LINE ASSY, Filler valve to tee at upper RH cylinder aft	1	
-28	AN6024-6	VALVE, Low pressure oxygen filler	1	
-29	151-73318-97	LINE ASSY, Tee to tee aft end of cylinder RH	1	
-30	151-73318-7	LINE ASSY, Upper oxygen cylinder to check valve forward	1	
-31	151-73318-3	LINE ASSY, Lower oxygen cylinder to check valve fwd right	1	
-32	151-73331	SUPPORT ASSY, Oxygen bottle complete	2	
-33	AN4-7A	. BOLT	8	
-34	151-73331-3	. PAD, Oxygen bottle	2	
-35	4S4-8-20	. SPACER, Rivet (North American)	4	
-36	AN960-416	. WASHER	4	
-37	AN365-428	. NUT	4	
-38	151-73332	. SUPPORT ASSY, Oxygen bottle	2	
-39	151-73329-1	. STRAP, Oxygen bottle LH	2	
-40	151-73329-2	. STRAP, Oxygen bottle RH	2	
-41	NAS28-4	. . BOLT, Tank strap adjustment	2	
-42	NAS26-4K	. . TRUNNION, Tank strap unthreaded	4	
-43	No Number	CYLINDER, Oxygen type D2 low pressure (Spec 94-40355) (GFAE)	4	
-44	151-73318-67 *1	LINE ASSY, Low press. reg bhd elbow to tee at regulator	1	A
-45	AN824-5D *1	TEE	1	A
-46	151-73318-115 *1	LINE ASSY, Pressure gage to tee at regulator	1	A
-47	151-73318-69 *1	LINE ASSY, Low pressure regulator to tee	1	A
-48	AN822-5D *1	ELBOW	4	A
-49	AN914-1D *1	ELBOW	1	A
-50	151-73318-91 *1	LINE ASSY, Low pressure regulator to flow indicator	1	A
-51	AN6021-1A *1	GAGE, Panel mount low pressure oxygen (AN6021-1 and type K1, (intrch wth Spec 94-27368)	1	A
-52	AN6029-1 *1	INDICATOR OXYGEN FLOW, (intrch wth type A3)	1	A
-53	AN748-38 *1	CLAMP	2	A
-54	AN884-14-8 *1	HOSE	1	A
-55	172-73322 *1	LINE ASSY, Pilot oxygen supply	1	A
-56	AN6003T12A *1	TUBE ASSEMBLY	1	A
	99963 *1	CLAMP, (United-Carr)	2	A
-57	AN6003-2A *1	TUBE ASSEMBLY	1	A
	99963 *1	CLAMP, (United-Carr)	2	A
-58	AN742D22C *1	CLAMP	1	A
-59	AN742D16C *1	CLAMP	1	A
-60	No Number *1	REGULATOR, Diluter demand oxy (type A14)(breathing press.)(GFAE)	1	A
-61	AN804-5D	TEE	1	G
	AN924-4D	NUT	1	G
-62	151-73318-145	LINE ASSY, Check valve to tee aft end of lower LH cyl	1	G
-63	AN6037-1	VALVE ASSY, Low pressure oxygen check	1	G
-64	AN929-5	CAP	1	G
-65	151-73318-147	LINE ASSY, Check valve to tee aft end of upper LH cyl	1	G
-66	151-73318-151	LINE ASSY, Bulkhead fitting to union LH cylinder	1	G
	AN924-5D	NUT	1	G
	No Number	OXYGEN SYS REGULATOR ASSY & RELATED EQUIP. (see fig. 375)	NP	

*1 Parts marked thus not used on aircraft coded A which have been modified in accordance with T. O. 1F-86-126 to incorporate type D2 oxygen regulator. (see figure 375

USEABLE ON CODE:
A 51-2850 thru 51-12976
B 51-13070 thru 51-13510
C 52-4305 and subs
D 52-4305 thru 52-4404
E 52-4405 and subs
F 51-13070 thru 52-5163, 52-5272 thru 52-5530
G 52-5164 thru 52-5271, 53-1072 thru 53-1228

FUSELAGE OXYGEN (Cont)

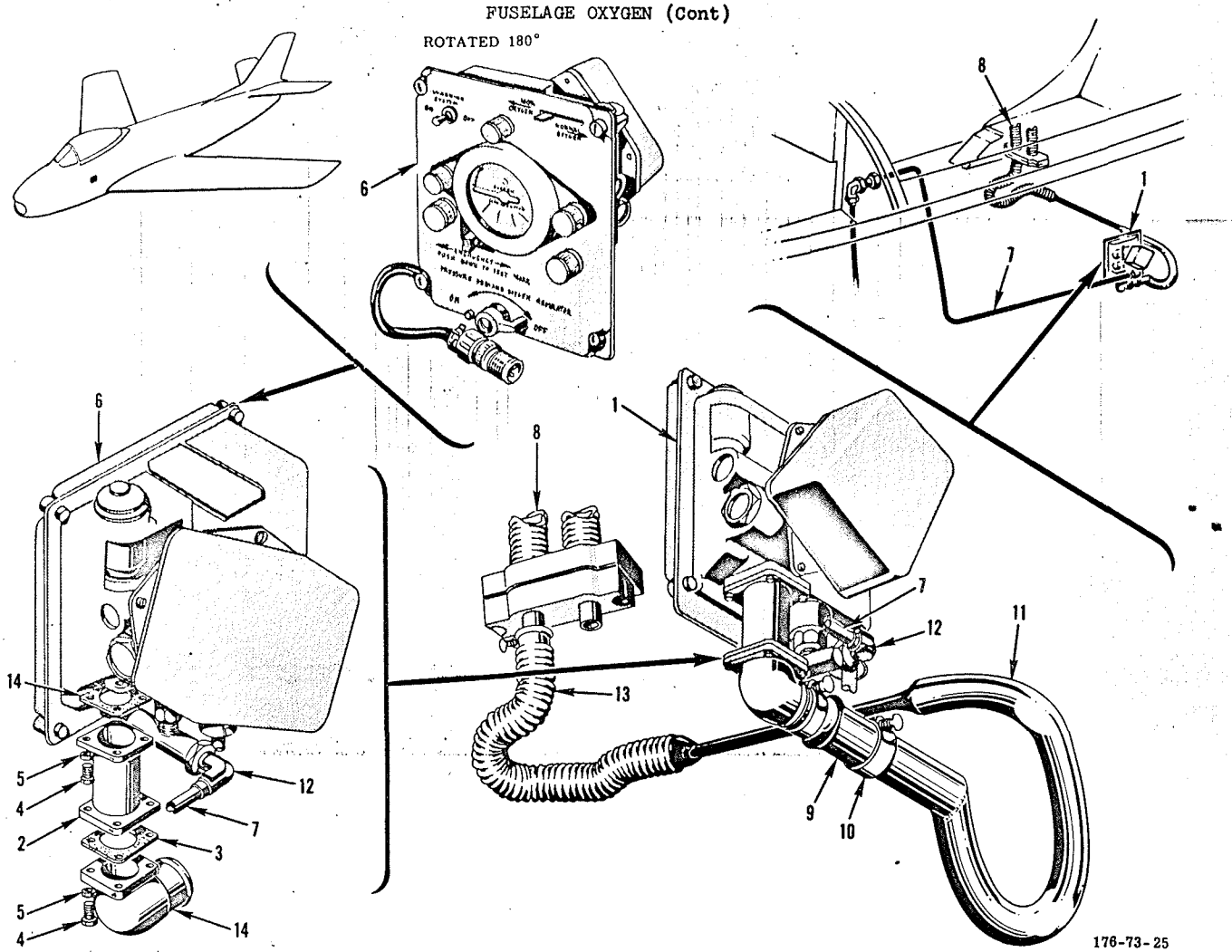
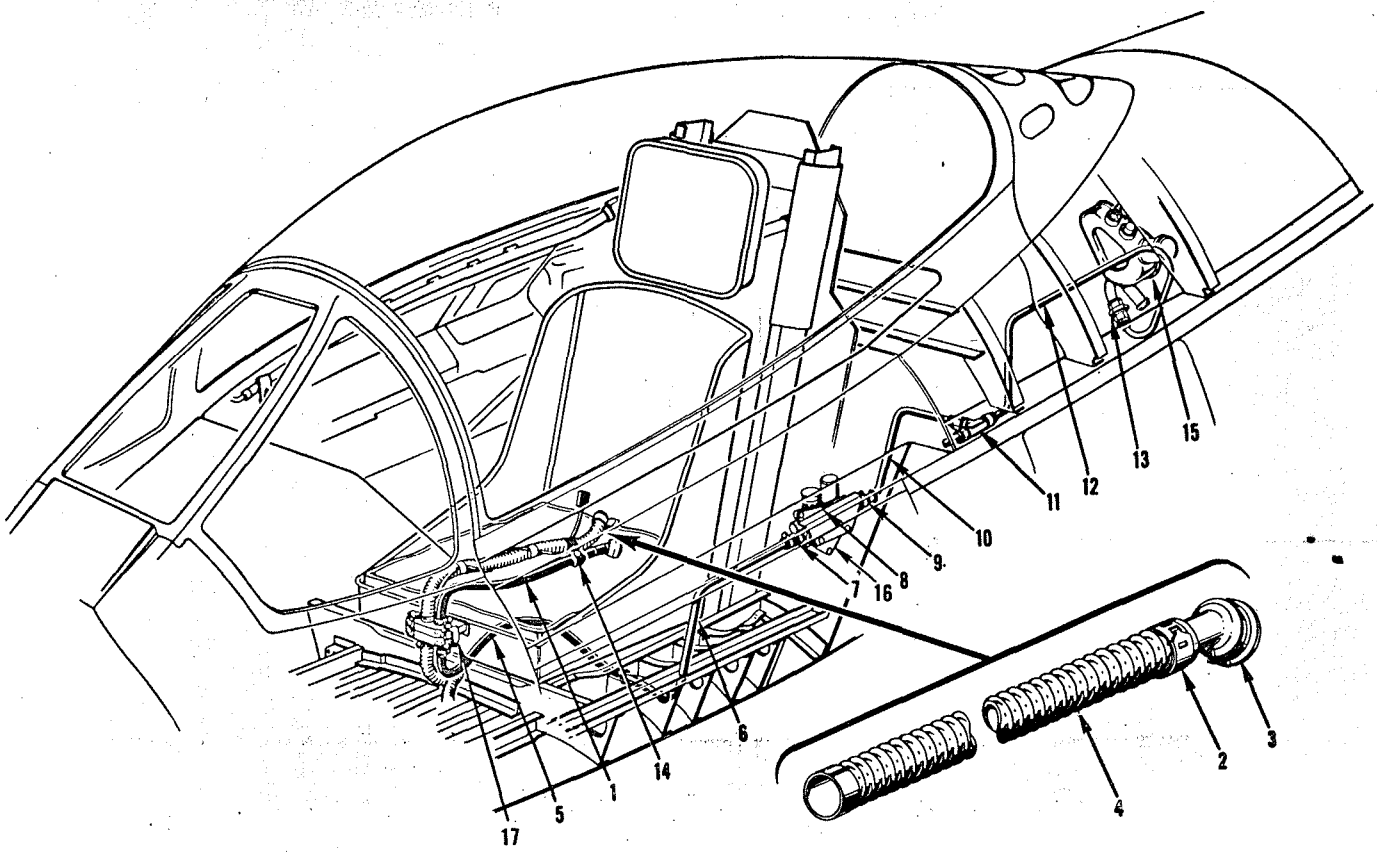


FIGURE 375 - OXYGEN SYSTEM REGULATOR ASSEMBLY AND RELATED EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
375	No Number	OXYGEN SYSTEM REGULATOR ASSEMBLY AND RELATED EQUIPMENT, (see figure 374 for next assembly)	NP	
-1	176-73324	. REGULATOR ASSEMBLY, Oxygen (whn exh use 176-73324-10)	1	A
	176-73324-10	. REGULATOR ASSEMBLY, Oxygen (use 176-73324 untl exh)	1	A
	176-73324-20	. REGULATOR ASSEMBLY, Oxygen (use 176-73324 untl exh)	1	C
	191-73324	. REGULATOR ASSEMBLY, Oxygen	1	B,*1
-2	176-73323	. . ADAPTER, Oxygen regulator	1	
-3	176-73324-3	. . GASKET, Oxygen regulator	1	A,C
	191-73324-3	. . GASKET, Oxygen regulator	1	B,*1
-4	AN501A3-6	. . SCREW	4	
-5	AN9353	. . WASHER	4	A,C
	2W1-7-5-32	. . WASHER, Plain (North American)	4	B,*1
-6	2870-5B-A1	. . REGULATOR, Oxygen (Eclipse-Pioneer) (intrch wth Aro Equip. 17500, 17500A type D1 or Eclipse-Pioneer 2880-5B-A1, 2880-5B-C1) (used on 176-73324 only)	1	A
	2881-5C-A1	. . REGULATOR, Oxygen (Eclipse-Pioneer) (intrch wth Aro Equip. 17550 type D2) (used on 176-73324-10 only)	1	A
	2885-5C-A1	. . REGULATOR, Oxygen (Eclipse-Pioneer) (intrch wth Aro Equip. 17550-1 type D2A) (used on 176-73324-20 only)	1	C
	2881-5B-A1	. . REGULATOR, Oxygen (Eclipse-Pioneer) (intrch wth Aro Equip. 17550 type D2) (used on 191-73324 only)	1	B,*1
-7	151-73318-117	. LINE ASSY, Bulkhead elbow to regulator	1	
-8	AN6003-24A	. TUBE ASSEMBLY	1	
	A3122-20-59	. CLAMP, (Tinnerman)	1	
-9	3H2-14-12	. HOSE, (North American)	1	
-10	A3122-20-59	. CLAMP, (Tinnerman)	2	
-11	176-73322	. LINE ASSEMBLY, Pilot's oxygen system	1	
-12	AN822-5D	. ELBOW	1	
-13	AN6003T12A	. TUBE ASSEMBLY	1	
	A3122-20-59	. CLAMP, (Tinnerman)	2	
-14	These items are furnished with 2870-5B-A1 regulator (GFAE)			

*1 Refer to T. O. 1F-86-126.
USEABLE ON CODE: A 51-13070 thru 55-3875 B 51-2850 thru 51-12976 C 55-3876 and subs

FUSELAGE HEAT AND VENT



F-86F-4-51-4B

FIGURE 376 - PILOT'S PNEUMATIC ANTI-G SUIT EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
376	No Number	PILOT'S PNEUMATIC ANTI-G SUIT EQUIPMENT, (see figure 178 for next assembly)	NP	
-1	170-51174-5	. DISCONNECT ASSY, Pilot's pneumatic anti-G suit (altered from (GFAE) 46B12487)	1	A,B
	202-51174	. DISCONNECT ASSY, Pilot's pneumatic anti-G suit	1	C
-2	99963	. . CLAMP, (United-Carr)	1	C
-3	AN6532-1	. . CONNECTOR ASSEMBLY	1	C
-4	DC198	. . HOSE, (15 inches) (Clark)	1	C
-5	170-51174-3	. DISCONNECT ASSY, Pilot's pneumatic anti-G suit (altered from (GFAE) 46B12487)	1	A,B
	202-51175	. HOSE ASSY, Pilot's pneumatic anti-G suit	1	C
	52B3687-3	. . HOSE, (24 inches) (Clark)	1	C
	AN737TW34	. CLAMP	2	
-6	161-51801-69	. LINE, M4 valve to disconnect section 1	1	A,B
	191-51038	. LINE ASSY, "G" suit valve to disconnect section 1	1	C
-7	3H2-10-15	. HOSE, (North American)	1	A,B
	3H2-10-10	. HOSE, (North American)	1	C
	AN737TW34	. CLAMP	2	
-8	No Number	. VALVE ASSY, Regulator jet engine operated pressurized suit type M4 (Spec 41087) (GFAE) (AERNO 48-9065)	1	A
	127G0100-1	. VALVE ASSY, Regulating jet type aircraft anti-G suit (Cornelius)(AN6538-1)(Spec MIL-V5064)(AERNO 48-9065)(GFAE)	1	B,C
	ATTACHING PARTS			
	AN365-428	. NUT	3	
	---*---			
-9	3H2-10-14	. HOSE, (North American)	1	
	AN737TW34	. CLAMP	2	
-10	170-51801-23	. LINE ASSY, Air compressor to M4 valve section 2	1	
-11	AN824-10D	. TEE	1	
-12	170-51801-25	. LINE ASSY, Air compressor to M4 valve section 1	1	A
	170-51801-71	. LINE ASSY, Air compressor to M4 valve section 1	1	B,C
-13	AN815-10D	. UNION	1	
-14	151-51091	. STRAP ASSY, Pilot's anti-G suit disconnect assy stowage	1	
-15	172-53363-10	OUTLET ASSY, Heat and vent system primary heat exchange high	Ref	
-16	151-51029	SUPPORT ASSY, M4 valve (see figure 144)	Ref	
-17	Pilot's quick disconnect block (see figure 362)		Ref	

USEABLE ON CODE: A 51-2850 thru 51-12976 B 51-13070 thru 52-5530 C 53-1072 and subs

FUSELAGE HEAT AND VENT (Cont)

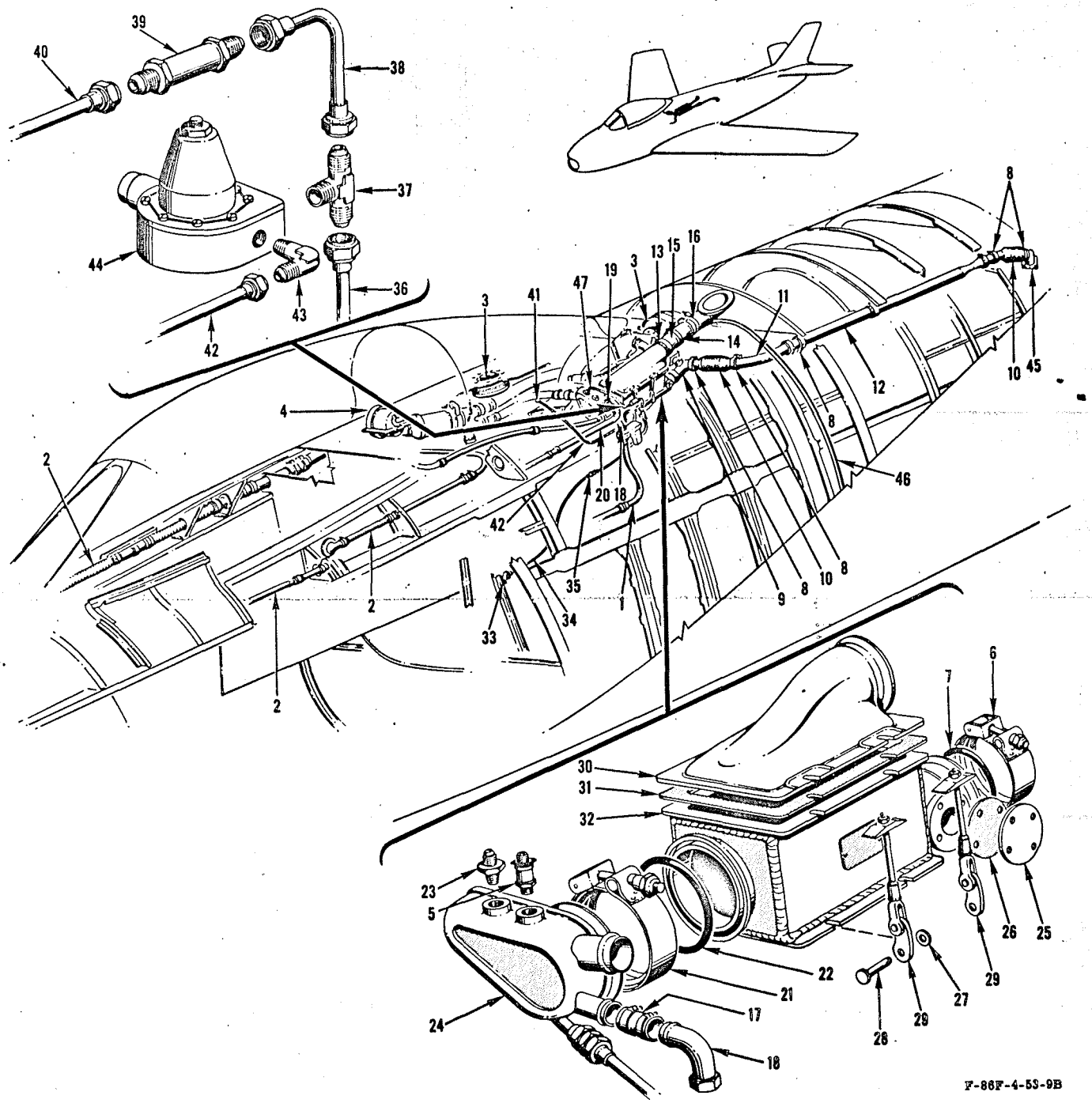


FIGURE 377 - HEAT AND VENT EQUIPMENT INSTALLATION COMPLETE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
377	172-53301	HEAT AND VENT EQUIP. INSTL, Complete (see fig. 108 for next assy)	NP	A
	191-53301	HEAT AND VENT EQUIP. INSTL, Complete (see fig. 108 for next assy)	NP	B
	191-53375	. HEAT AND VENT SYSTEM EQUIP. INSTL, P2 camera window defrost . (see figure 389 for breakdown)	NP	C
	191-53375-10	. HEAT AND VENT SYSTEM EQUIP. INSTL, P2 camera window defrost . (see figure 390 for breakdown)	NP	D
	191-53375-20	. HEAT AND VENT SYSTEM EQUIP. INSTL, P2 camera window defrost . (see figure 389 and 390 for breakdown)	NP	E
	No Number	. HEAT AND VENT VAPOR SEALS AT BULKHEAD STATION 178,. . . . . (see figure 380 for breakdown)	NP	

FUSELAGE HEAT AND VENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
377-1	No Number	.	AMMUNITION HEATING EQUIPMENT, (see fig. 378 for breakdown) .	NP	
-2	No Number	.	COCKPIT PRESSURIZATION AND INNER WINDSHIELD DEFROSTING EQUIP. STA 53.5 TO STA 139, (see fig. 385 for breakdown)	NP	
-3	No Number	.	COCKPIT PRESSURIZATION AND INNER WINDSHIELD DEFROSTING EQUIP. STA 140 TO STA 237, (see figure 382 for breakdown)	NP	
-4	No Number.	.	HEAT AND VENT PRESS. SW EQUIP., (see fig. 388 for breakdown).	NP	
-5	33500-05	.	PICK-UP, Duct mtg temp (Airesearch)	1	
-6	43688-200	.	CLAMP, (Marman) (intrch wth National Utilities K3290S200) . .	1	
-7	5R13-11	.	RING, H & V sealing (North American)(use 165-53532-5 untl exh)	1	
-8	43688-200	.	CLAMP, (Marman) (intrch wth National Utilities K3290S200) . .	5	
	5R13-5	.	RING, H & V sealing (North American)(use 165-53532-5 untl exh)	5	
-9	172-53319	.	DUCT ASSY, H & V sys primary heat exchanger cabin air inlet .	1	
-10	CM100009	.	TUBE ASSEMBLY, (Flexonics)	2	
-11	172-53320	.	ELBOW ASSY, Heat & vent sys cabin air fus sta 193 to 185 . .	1	
-12	172-53324	.	DUCT ASSY, Heat and vent system fuselage sta 193 to flex . .	1	
-13	43688-300	.	CLAMP, (Marman)	1	
	5R13-9	.	RING, Heat and vent sealing (North American) (use . . . . . 165-53532-9 untl exh)	1	
-14	120-53344-12	.	CLAMP ASSY, Anti-icing system empennage connector	1	
-15	94510-2	.	VALVE, Modulating shut-off air 3 in. dia (Airesearch) (North American Spec NA5-6218-1)(whn exh use Airesearch 104226)	1	
	104226	.	VALVE, Modulating shut-off air (Airesearch) (North American . Spec NA5-6218-3) (use Airesearch 94510-2 untl exh)	1	
-16	165-53409-7	.	HOSE, Heat and vent system silicone connecting	1	
-17	172-53424-5	.	CONNECTOR, Heat and vent air duct	1	*1
-18	172-53408	.	DUCT ASSY, Heat & vent sys fus sta 161 5/16 ammunition heat .	1	
-19	42535-1.500	.	CLAMP, (Marman)	1	
	42737-1.500	.	SLEEVE, (Marman)	1	
-20	172-53407	.	DUCT ASSY, H & V sys fus sta 161 5/16 canopy defrost & de-icing	1	K,*3
	172-53407-10	.	DUCT ASSY, H & V sys fus sta 161 5/16 canopy defrost & de-icing	1	F,G,*3
-21	43688-400	.	CLAMP, (Marman) (intrch wth Nuco K3290S-400)	1	
-22	5R13-11	.	RING, H & V sealing (North American)(use 165-53532-11 untl exh)	1	L
	227-53310	.	RING, Heat and vent system air duct sealing "O"	1	M
-23	AN816-4D	.	NIPPLE	1	
-24	172-53363-10	.	OUTLET ASSY, Heat & vent sys primary heat exchanger high press	1	A
	122-53363-25	.	OUTLET ASSY, Heat & vent sys primary heat exchanger high press	1	B
-25	172-53464	.	CAP, Heat and vent system primary heat exchanger side . . . . bleed outlet (use 172-53396 untl exh)	1	
-26	172-53397	.	GASKET, H & V sys primary heat exchanger side bleed outlet cap	1	
-27	AN960D10L	.	WASHER	4	
-28	AN393-23	.	PIN	4	
-29	172-53379	.	CLAMP ASSY, Heat and vent system heat exchanger duct . . . . attaching (see figure 383 for breakdown)	4	
-30	172-53361	.	OUTLET, Heat and vent system primary exchanger cooling air .	1	
-31	172-53374-5	.	SEAL, Heat and vent system heat exchanger duct attaching . .	2	
-32	80151	.	EXCHANGER ASSY, Heat ram (Airesearch)	1	H
	16805	.	EXCHANGER ASSY, Heat ram (Stratos)	1	J
-33	AN833-4D	.	ELBOW	1	
	AN960D716	.	WASHER	1	
	AN924-4D	.	NUT	1	
-34	170-533335-16	.	LINE ASSY, Fus sta 133 to canopy ground press. fitting . . . fuselage station 126	1	
-35	AN815-4D	.	UNION	1	
-36	172-53311-3	.	LINE ASSY, Fuselage regulator canopy to station 135	1	
-37	AN835-4D	.	TEE	1	
-38	172-53311-15	.	LINE ASSY, Check valve to pressure regulator (canopy)	1	
-39	259A4TT	.	VALVE ASSY, (James-Pond-Clark) (use Adel 11502-3 untl exh) .	1	
-40	172-53311-81	.	LINE ASSY, Exchanger header to check valve	1	
-41	3H2L4-10	.	HOSE, (North American)	1	
-42	172-53311-7	.	LINE ASSEMBLY, Canopy seal to pressure regulator	1	
-43	AN822-4D	.	ELBOW	1	
-44	10212-200	.	VALVE, 3-way regulated gas press. solenoid operated (Carma) .	1	*2
-45	172-53325	.	ELBOW ASSY, Heat and vent sys eng connecting (see figure 433)	Ref	
-46	176-53320	.	HOSE, H & V sys low pressure flex drain	1	*4
-47	172-53311-89	.	LINE ASSY, Exchanger header to check valve	1	P
	172-53311-81	.	LINE ASSY, Exchanger header to check valve (use 172-53311-11 untl exh on airplanes coded A only)	1	N
	172-53311-11	.	LINE ASSY, Exchanger header to check valve (whn exh use . . . 172-53311-81)	1	A

*1 Use Marman 42737-1.000 or 42535-1.000S untl exh.
*2 Use Carma 10211 (North American Spec NA5-6230-1) or Carma 10211-200-0 untl exh.
*3 Reworked per T. O. 1F-86F-22.
*4 Used on all F-86F airplanes when reworked per T. O. 1F-86-238.

USEABLE ON CODE:

A 51-2850 thru 52-5063, 52-5272 thru 52-5328
B 52-5064 thru 52-5271, 52-5329 and subs
C 52-4905 thru 52-5063
D 52-5064 thru 52-5271, 52-5507 and subs
E 52-5387 thru 52-5506
F 51-2850 thru 52-4704
G 52-4905 thru 52-5294, 52-5387 and subs
H 51-2850 thru 51-13070, 52-4305 and subs
J 51-13071 thru 51-13076, 51-13087 thru 51-13510
K 52-4705 thru 52-4904, 52-5295 thru 52-5386
L 51-2850 thru 55-3875
M 55-3876 and subs
N 51-2850 thru 55-3932
P 55-3933 and subs

FUSELAGE HEAT AND VENT (Cont)

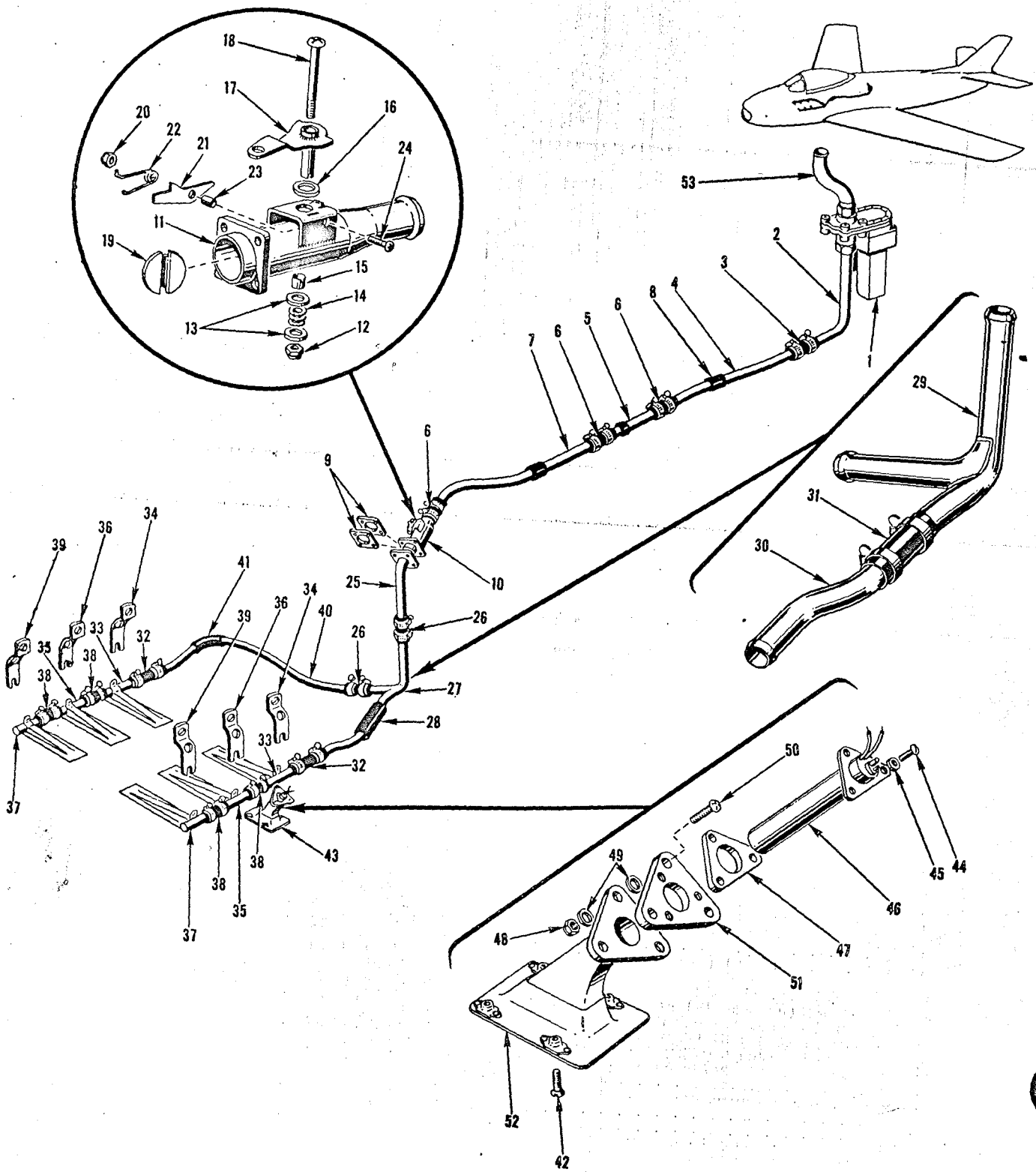


FIGURE 378 - AMMUNITION HEATING EQUIPMENT

FUSELAGE HEAT AND VENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
378	No Number	AMMUNITION HEATING EQUIPMENT, (see figure 377 for next assy)	NP	A
-1	WE443-10DM	. . VALVE ASSEMBLY, Motor operated slide shut-off (Whittaker)	1	A A
-2	172-53311-31	. LINE ASSEMBLY, Ammunition mod. valve to sta 164.5	1	A
-3	172-53424-5	. CONNECTOR, Heat & vent air duct (use Marman 42535-1.000S or 22712-1.000 untl exh)	1	A
-4	172-53311-51	. LINE, Ammunition heating sta 164.5 to station 158	1	A
-5	172-53311-37	. LINE, Ammunition station 158 to station 137	1	A
	140-53316-21	. HOSE, Heat and vent system connecting (rubbing strip)	2	A
-6	172-53424-5	. CONNECTOR, Heat and vent air duct (use Marman 42535-1.000S or 22712-1.000 untl exh)	3	A
-7	172-53311-41	. LINE, Ammunition station 137 to emergency shut-off	1	A
	140-53316-21	. HOSE, Heat and vent system connecting (rubbing strip)	1	A
-8	140-53316-3	. HOSE, Heat and vent system connecting (rubbing strip)	1	A
-9	151-53574	. GASKET, Heat and vent system ammunition heating valve	2	A
-10	151-53575-1	. VALVE ASSY, Heat and vent system ammunition heating	1	A
-11	151-53575-15	. . TUBE ASSY, Heat and vent sys ammunition heating valve	1	A
-12	AN365-832	. . NUT	1	A
-13	AN960-516L	. . WASHER	2	A
-14	152-53522	. . SPRING, Heat and vent system ammunition heating valve	1	A
-15	152-53525-5	. . HUB, Heat and vent system canopy defrost valve	1	A
-16	AN960-516	. . WASHER	1	A
-17	151-53582	. . ARM ASSY, Heat and vent system ammunition heating valve	1	A
-18	AN515-8R42	. . SCREW	1	A
-19	151-53576	. . BUTTERFLY, Heat and vent system ammunition heat valve	1	A
-20	AN365-440	. . NUT	1	A
-21	151-53579	. . LEVER, Heat and vent system ammunition heating valve locking	1	A
-22	151-53578	. . SPRING, Heat and vent system ammunition heating valve	1	A
-23	4S4D4-4	. . SPACER, Rivet (North American)	1	A
-24	AN515-4R7	. . SCREW	1	A
-25	151-53583	. DUCT ASSEMBLY, Heat and vent system ammunition heat emergency valve outlet	1	A
-26	140-53316-3	. HOSE, Heat and vent system connecting	2	A
-27	151-53535-10	. DUCT ASSY, Heat & vent sys ammunition heat LH & RH take-off	1	B
-28	140-53316-17	. . HOSE, Heat and vent system connection	1	B
-29	176-53323	. DUCT ASSY, Heat & vent sys ammunition heat LH & RH take-off	1	C
-30	172-53311-71	. LINE, Heat and vent system ammo heat LH side supply	1	C
-31	140-53316-3	. HOSE, Heat and vent system connecting	1	C
	AN737TW46	. CLAMP	2	C
-32	140-53316-11	. HOSE, Heat and vent system connecting	2	A
-33	151-53627	. TUBE ASSY, Heat and vent system ammunition heat outlet	2	A
-34	151-53625	. CLAMP, Heat and vent system ammunition heating outlet	2	A
-35	151-53627-10	. TUBE ASSY, Heat and vent system ammunition heat outlet	2	A
-36	151-53625	. CLAMP, Heat and vent system ammunition heating outlet	2	A
-37	151-53628	. TUBE ASSY, Heat and vent system ammunition heat outlet fuselage station 84.5 to 92.95	2	A
-38	140-53316-3	. HOSE, Heat and vent system connecting	4	A
-39	151-53625	. CLAMP, Heat and vent system ammunition heating outlet	2	A
-40	151-53335-87	. LINE, Ammunition heating duct to RH side	1	A
	172-53311-69	. LINE, Ammunition heating duct to RH side	1	B
-41	140-53316-15	. HOSE, Heat and vent system connecting	1	A
-42	AN509-8R8	. SCREW	4	A
-43	151-53523-10	. HOUSING ASSEMBLY, Heat and vent system ammunition heat thermoswitch complete	1	A
-44	AN500A8-7	. . SCREW	3	A
-45	AN960-8	. . WASHER	3	A
-46	18420-0-45	. . THERMOSWITCH, Temperature setting (Fenwal) (use Fenwal 18420-45 untl exh)	1	A
-47	151-53523-3	. . SPACER, Heat and vent system ammunition thermoswitch	1	A
-48	AN365-832	. . NUT	3	A
-49	AN960-8	. . WASHER	6	A
-50	AN515-8R12	. . SCREW	3	A
-51	151-53521	. . PLATE, Heat and vent system ammunition heat thermoswitch	1	A
-52	151-53520	. . HOUSING ASSY, Heat and vent system ammunition heat thermoswitch	1	A
-53	172-53408	DUCT ASSY, Heat and vent system fus sta 161 5/16 ammunition heat (see figure 377)	Ref	

USEABLE ON CODE:
A 51-2850 thru 52-5063
52-5272 thru 52-5328
B 51-2850 thru 51-13169
C 51-13170 thru 52-5063
52-5272 thru 52-5328

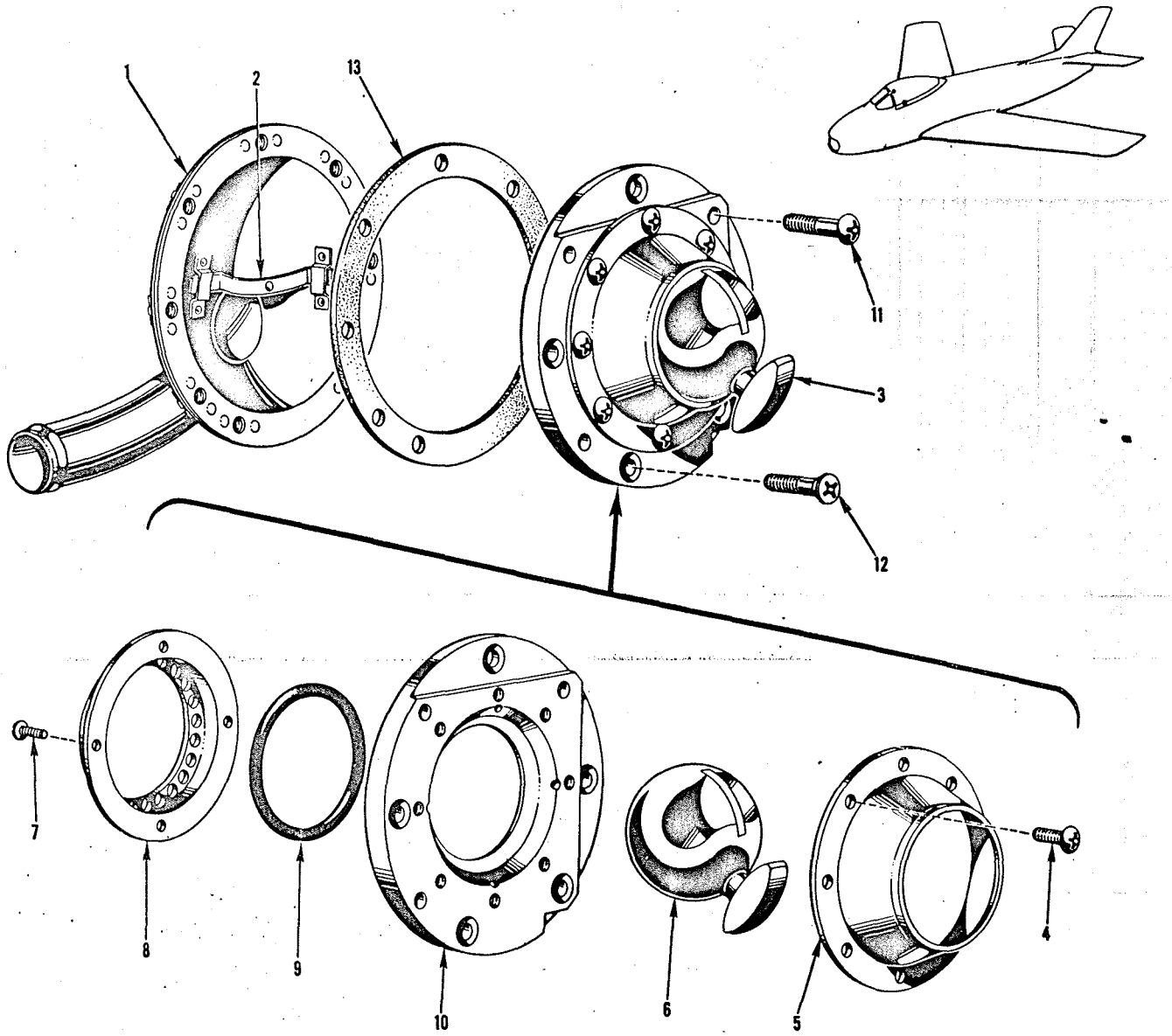


FIGURE 379 - HEAT AND VENT SYSTEM PILOT'S COCKPIT VENT OUTLET

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
379	151-53365	OUTLET INSTL, Heat and vent system pilot's cockpit vent LH . . . sta 98 11/16 (see figure 385 for next assembly)	NP	
-1	151-53488	. OUTLET ASSY, Heat & vent sys pilot's vent sta 98 11/16 LH side	1	
-2	140-53399-3	. . SPRING, Heat and vent system pilot's cockpit side outlet .	1	
-3	140-53355	. OUTLET ASSY, Heat and vent system pilot's cockpit side . . .	1	
-4	AN515-8R4	. . SCREW	8	
-5	140-53388	. . COVER, Heat and vent system cockpit side outlet	1	
-6	191-53321	. . BALL ASSY, Heat and vent cockpit side outlet (may be . . . purchased from (Nicols)(use 140-53387 until exh)	1	
-7	AN530-2R4	. . SCREW	4	
-8	140-53390	. . RETAINER, Heat and vent system cockpit side outlet	1	
-9	AN6227-34	. . PACKING	1	
-10	191-53320	. . PLATE, Heat and vent system cockpit side outlet (may be . purchased from (Nicols)(use 140-53389 until exh)	1	
-11	AN509-8R10	. SCREW	4	
	AN509-8R9	. SCREW	2	
-12	AN515-8R10	. SCREW	3	
-13	140-53373	. GASKET, Heat and vent system pilot's cockpit side outlet . . station 98 11/16	1	

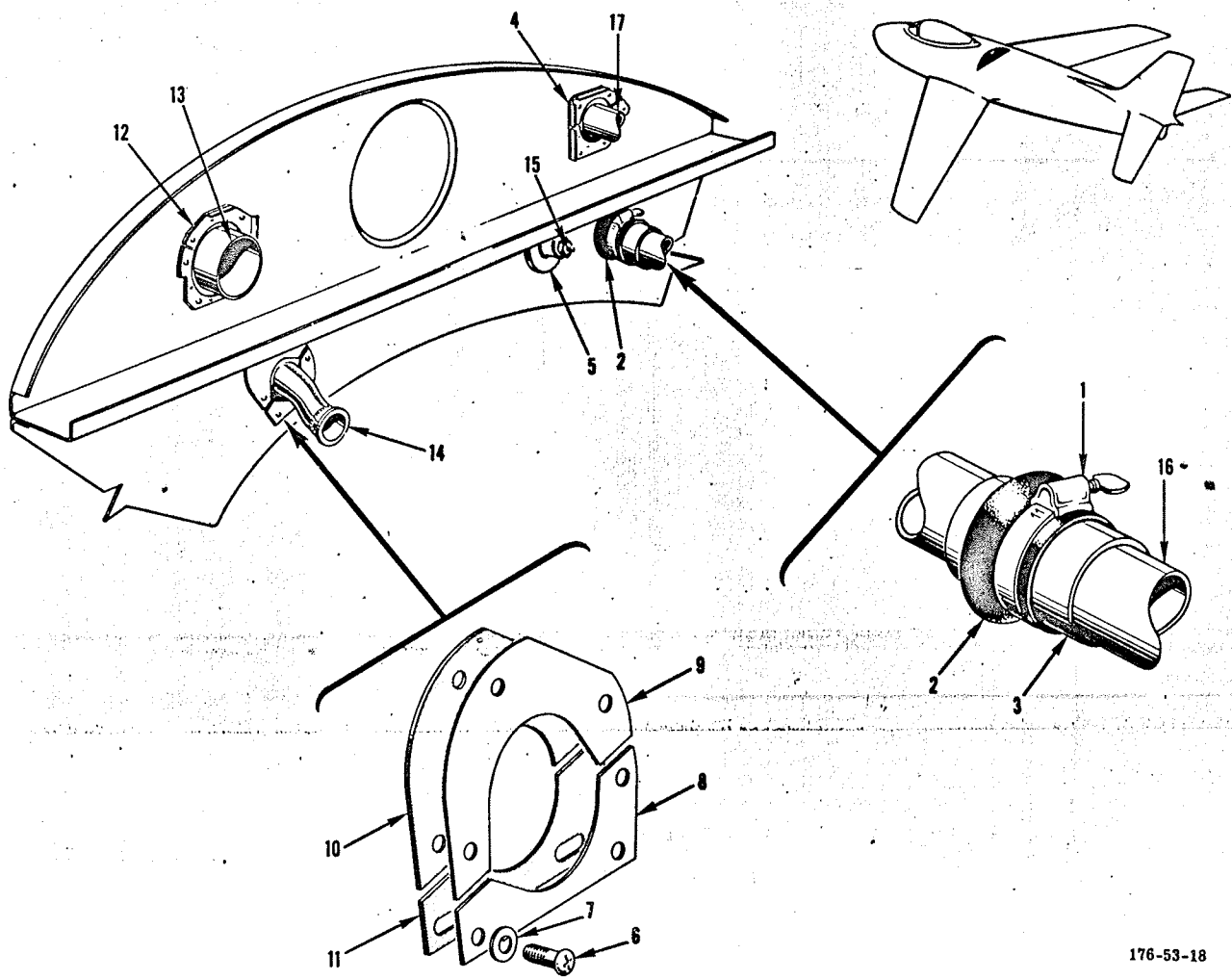


FIGURE 380 - HEAT AND VENT VAPOR SEALS AT BULKHEAD STATION 178

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
380	No Number	HEAT AND VENT VAPOR SEALS AT BULKHEAD STA 178 (see fig. 377 for next assembly)	NP	
-1	AN737TW82	. CLAMP	1	
-2	157-53481	. SEAL, Heat and vent sys ammo heating nozzle	1	
-3	140-53316-9	. HOSE, Heat and vent system connecting	1	
-4	172-53450	. SEAL ASSY, Heat & vent sys turbine inlet duct fus sta 178	1	
	172-53393	. . SEAL, Heat & vent sys turbine inlet duct fus sta 178 outbd	1	
	172-53392	. . SEAL, Heat & vent sys turbine inlet duct fus sta 178 inbd.	1	
	172-53391	. . RETAINER, H & V sys turbine inlet duct fus sta 178 lower	1	
	172-53390	. . RETAINER, H & V sys turbine inlet duct fus sta 178 upper	1	
-5	172-53395	. SEAL ASSY, H & V sys sta 178 heat exchanger attach bolt access hole	1	
-6	AN515-8R7	. SCREW	6	
-7	AN960D8L	. WASHER	6	
-8	172-53385	. RETAINER, H & V sys cabin air supply duct fus sta 178 lower	1	
-9	172-53384	. RETAINER, H & V sys cabin air supply duct fus sta 178 upper	1	
-10	172-53382	. SEAL, Heat & vent sys cabin air supply duct fus sta 178 upper	1	
-11	172-53383	. SEAL, Heat & vent sys cabin air supply duct fus sta 178 lower	1	
-12	172-53400	. SEAL ASSY, Heat and vent sys heat exchanger overboard dump	1	
	172-53388	. . SEAL, Heat & vent sys heat exchanger overbd duct inbd	1	
	172-53389	. . SEAL, Heat & vent sys heat exchanger overbd duct outbt	1	
	172-53386	. . RETAINER, H & V sys heat exchanger overbd duct inbd seal	1	
	172-53387	. . RETAINER, H & V sys heat exchanger overbd duct outbd seal.	1	
-13	165-53409-7	HOSE, H & V sys silicone connecting (see fig. 377)	Ref	
-14	172-53319	DUCT ASSY, Primary heat exchanger cabin air inlet (see fig. 382)	Ref	
-15	172-53379-10	CLAMP ASSY, H & V sys heat exchanger duct attach (see fig. 382).	Ref	
-16	172-53311-65	LINE, Cockpit supply turbine assy to heater dome (see fig. 382).	Ref	
-17	172-53355-10	TUBE ASSY, Secondary exchanger outlet to clamp (see fig. 382)	Ref	

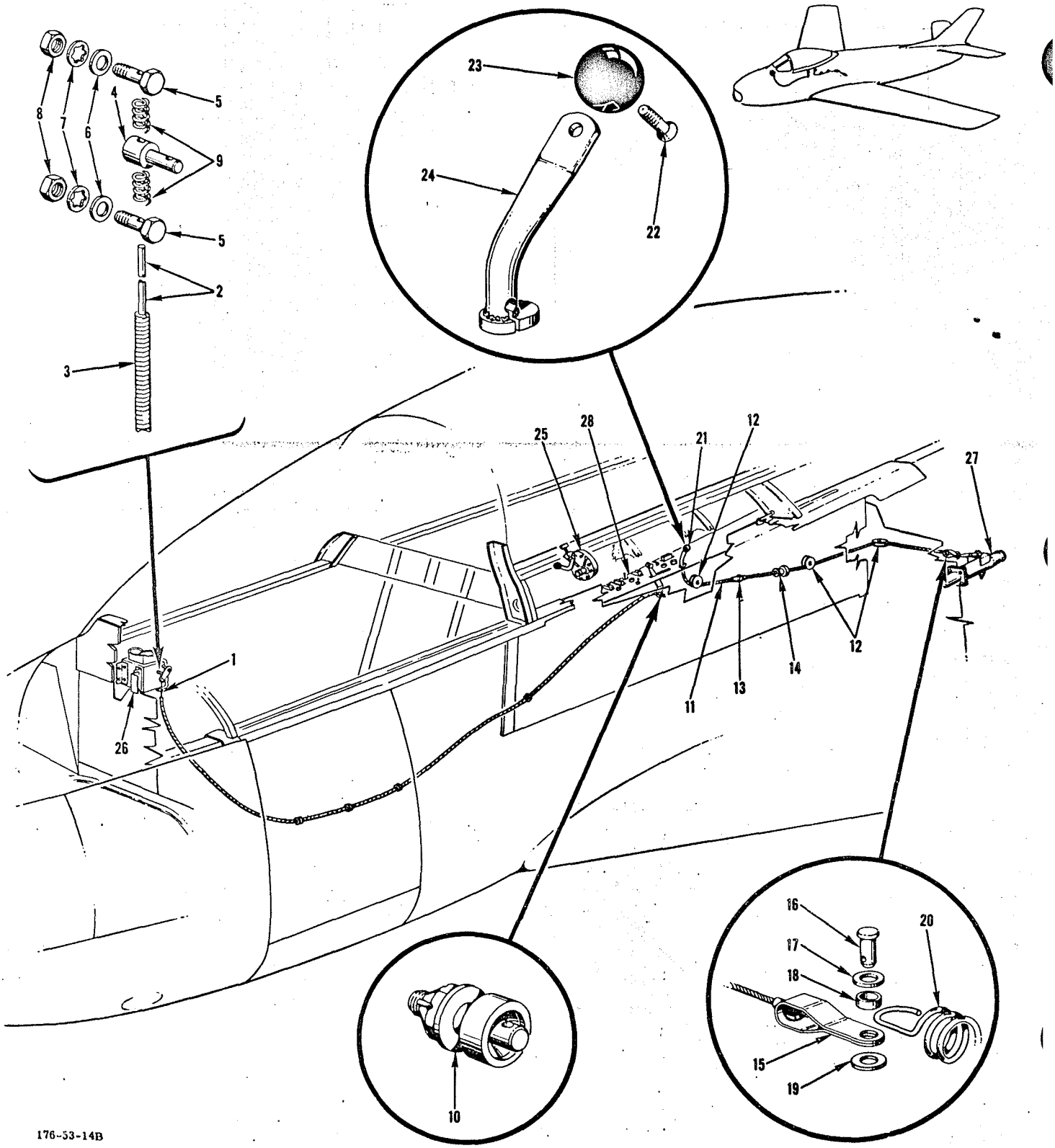


FIGURE 381 - HEAT AND VENT SYSTEM COMPLETE CONTROLS

FUSELAGE HEAT AND VENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
381	172-53304	CONTROL INSTALLATION, Heat and vent system complete (see figure 108 for next assembly)	NP	A
	172-53304-10	CONTROL INSTALLATION, Heat and vent system complete (see figure 108 for next assembly)	NP	B
-1	F4039-2	. CONTROL ASSEMBLY, Heat and vent system foot valve and defogging (Arens Controls)(use 140-53364 until exh)	1	
	140-53364	. CONTROL ASSEMBLY, Heat and vent system foot valve and defogging (whn exh use Arens Controls F4039-2)	1	
-2	140-53364-3	. . WIRE, Heat and vent system foot valve and defogging control	1	*1
-3	140-53364-5	. . CASING, Heat and vent system foot valve and defogging control	1	*1
-4	140-53364-7	. . PIN, Heat and vent system foot valve and defogging control	1	*1
-5	140-53364-9	. . BOLT, Heat and vent system foot valve and defogging control	2	*1
-6	AN960-516	. . WASHER	2	*1
-7	AN936A516	. . WASHER	2	*1
-8	AN315-5R	. . NUT	2	*1
-9	140-53364-11	. . SPRING, Heat and vent system foot valve and defogging control	2	*1
-10	3A665 1/8	. END, Swivel 1/8 size (Shakespeare)	1	
-11	151-53592	. CABLE ASSY, Heat and vent system ammunition heat emergency shut-off control forward	1	A A
-12	AN210-1A	. PULLEY	3	A
-13	AN155-8S	. BARREL	1	A
-14	151-53586	. SEAL, Heat and vent system ammunition heat emergency shut-off control cable	1	A
-15	151-53593	. CABLE ASSEMBLY, Heat and vent system ammunition heat emergency shut-off control aft	1	A
-16	AN393-11	. PIN	1	A
-17	2W1AL12-20-32	. WASHER, Plain (North American)	1	A
-18	NAS43C3-8	. SPACER, Screw and bolt	1	A
-19	AN960-10L	. WASHER	1	A
-20	151-53591	. SPRING, Heat and vent system ammunition heat emergency shut-off valve control	1	A
-21	151-53587	. HANDLE ASSEMBLY, Heat and vent system ammunition heat emergency shut-off control	1	A
-22	AN509-10-11	. . SCREW	1	A
-23	NAS121R125	. . KNOB, Control 1 inch spherical	1	A
-24	151-53587-10	. . HANDLE, Heat and vent system ammunition heat emergency shut-off control	1	A
-25	151-53346-10	. VALVE ASSEMBLY, Heat and vent system center windshield de-icing shut-off (see figure 384 for breakdown)	1	A
	151-53346-20	. VALVE ASSEMBLY, Heat and vent system center windshield de-icing shut-off (see figure 384 for breakdown)	1	B
-26	172-53425	VALVE ASSEMBLY, Heat and vent system windshield defrosting and cockpit ventilating (see figure 385)	Ref	
-27	151-53575-15	TUBE ASSEMBLY, Heat and vent system ammunition heating valve (see figure 378)	Ref	
-28	172-54065	PANEL ASSEMBLY, Electric console forward LH side (see figure 296)	Ref	

*1 Used on 140-53364 control assembly only.
USEABLE ON CODE: A 51-2850 thru 51-13510
52-5272 thru 52-5328
B 52-5064 thru 52-5271
52-5329 and subs

FUSELAGE HEAT AND VENT (Cont)

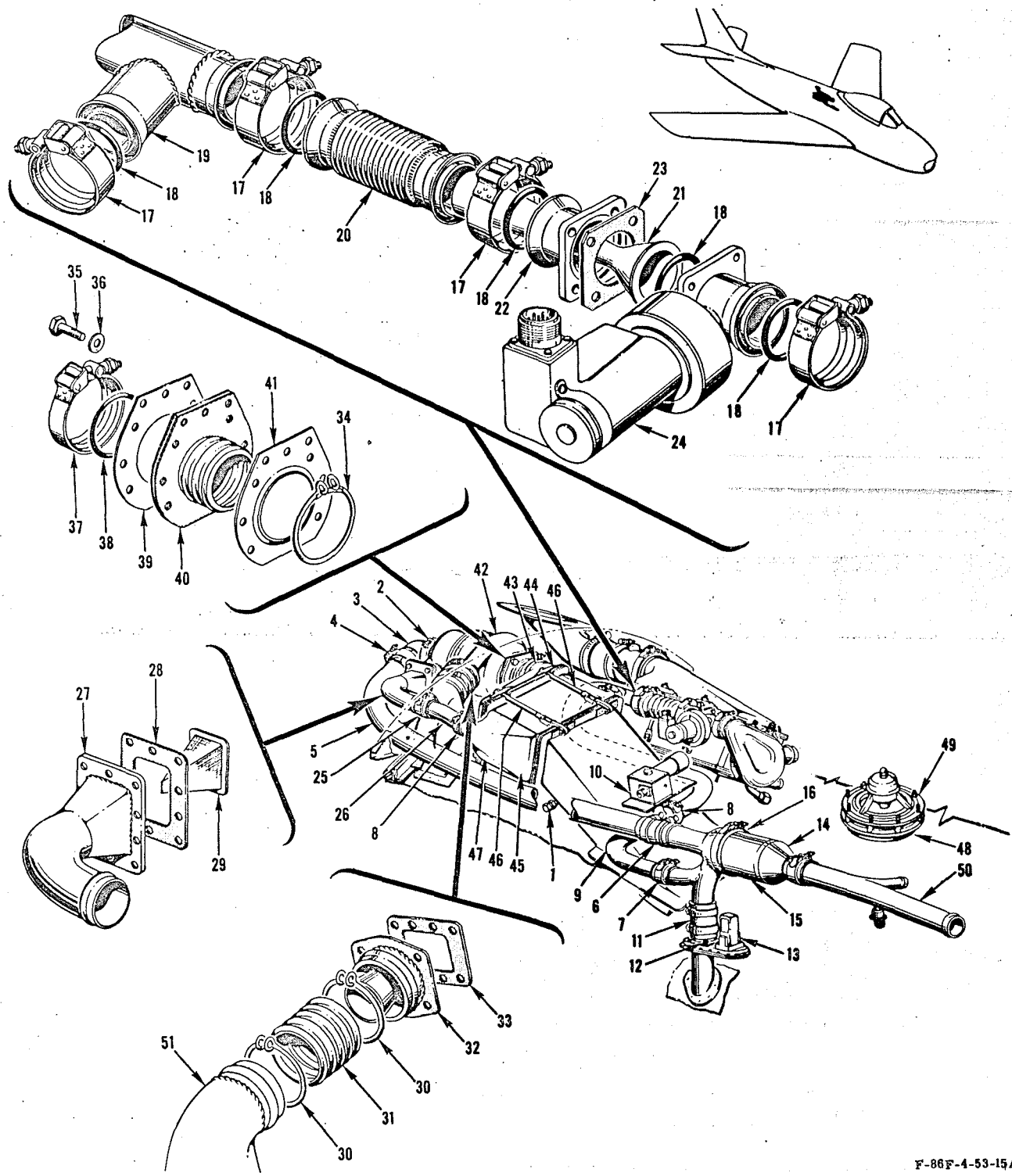


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FIGURE 382 - COCKPIT PRESSURIZATION AND INNER WINDSHIELD DEFROSTING EQUIPMENT STATION 140 TO STATION 237

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
382	No Number		COCKPIT PRESSURIZATION AND INNER WINDSHIELD DEFROSTING EQUIP. STA 140 TO STA 237, (see fig. 377 for next assy)	NP	
-1	AN806D10	.	PLUG	1	
-2	43688-200	.	CLAMP, (Marman) (intrch wth National Utilities K3290S200)	1	
	SA4511-8	. .	BOLT, "T" (Marman)	1	
	5R13-5	.	RING, H & V sealing (North American) (use 165-53532-5 unt1 exh)	1	
-3	172-53350	.	ELBOW, Heat and vent system turbine outlet	1	
-4	42902-2.000SH	.	CLAMP, (Marman)	1	
	22712-2.000	.	SLEEVE, (Marman)	1	
-5	172-53311-65	.	LINE, Cockpit supply turbine assembly to heater dome	1	

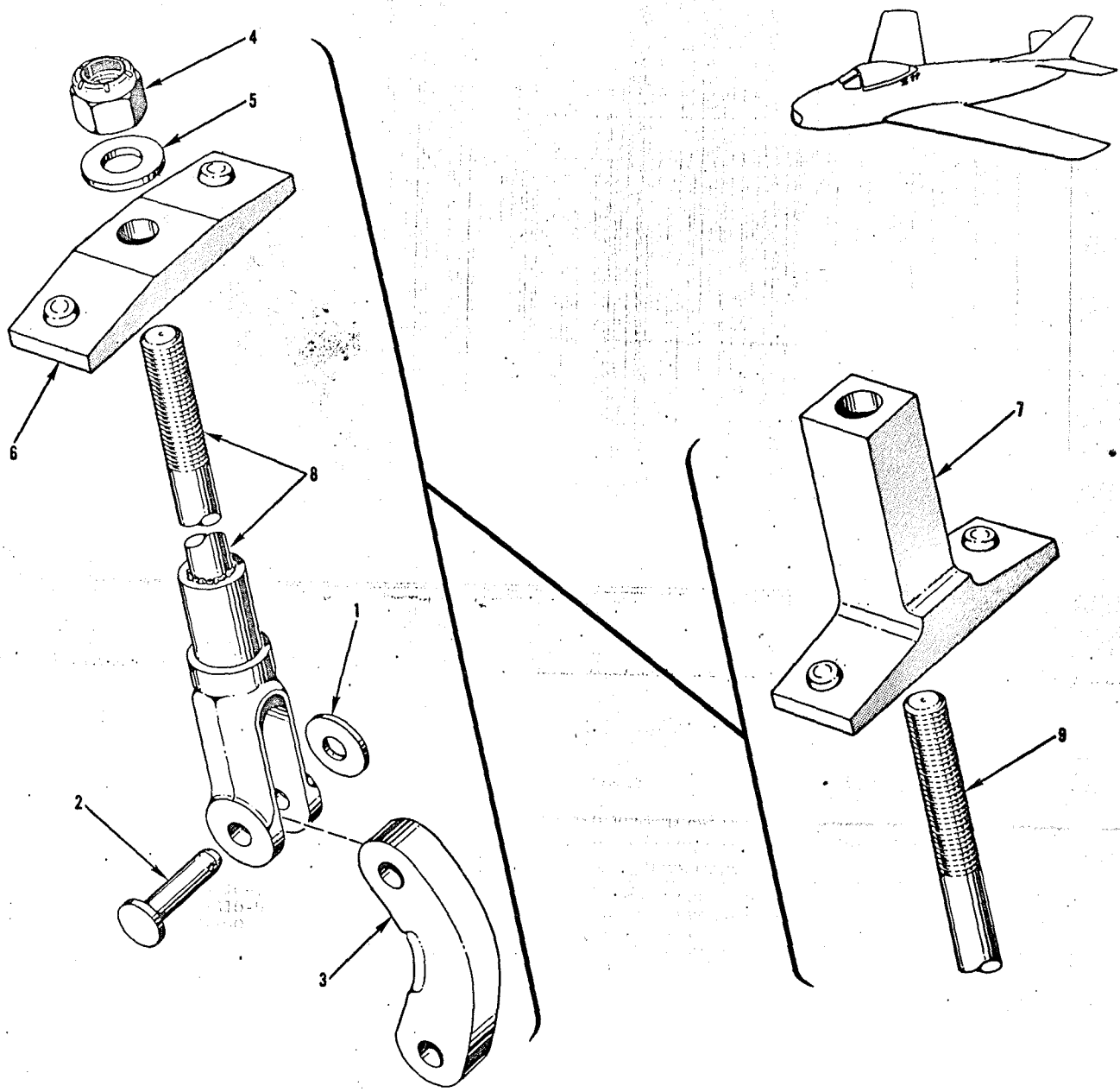
FUSELAGE HEAT AND VENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
382-6	140-53316-7	HOSE, Heat and vent system connecting	1	
-7	140-53316-5	HOSE, Heat and vent system connecting	1	
-8	43688-150	CLAMP, (Marman)	3	
	5R13-3	RING, H & V sealing (North American)(use 165-53532-3 until exh)	3	
-9	172-53345-10	DUCT ASSY, Heat and vent system hot air by-pass to heater (use 172-53345 until exh)	1	
-10	104260	VALVE, (Airesearch) (North American Spec NA5-6229-6)	1	*1
-11	140-53316-9	HOSE, Heat and vent system connecting	1	
-12	151-53308	TUBE ASSY, Heat & vent sys cockpit press. & vent emer ram	1	
-13	W7946-2D	VALVE, (Whittaker)	1	
	151-53573-10	HEATER ASSY, Heat and vent system cockpit boost	1	D
-14	C885	. HEATER ASSY, (Cole) (North American Spec NA5-6222-1)	1	D
-15	151-53331-10	. MANIFOLD ASSY, Heat and vent system cockpit boost heater	1	D
	151-53321-10	. . DUCT ASSY, H & V sys cockpit boost heater manifold	1	D
-16	42535-4.000SH	. COUPLING, (Marman)	1	D
	22712-4.000	. SLEEVE, (Marman)	1	D
	191-53318	DUCT, H & V sys cockpit air hot & cold mixing	1	E
-17	43668-150	CLAMP, (Marman) (intrch wth National Utilities K3290S200)	4	
	SA4511-8	. BOLT, "T" (Marman)	4	
-18	5R13-3	RING, H & V sealing (North American)(use 165-53532-3 until exh)	5	
-19	172-53347-10	DUCT ASSY, Heat and vent system flow nozzle to hot by-pass (use 172-53347 until exh)	1	
-20	S84077	CONNECTOR, (Flexonics)(intrch wth 206-1680 Dunbar Kapple)	1	
-21	172-53348	NOZZLE, Heat and vent system air flow limiting	1	
-22	172-53343	RING, Heat and vent system air flow limiting nozzle	1	
-23	191-53315	GASKET, Heat and vent system flow limiting nozzle	1	C
-24	108745	VALVE ASSY, Motor actuator butterfly (Whittaker) (North American Spec NA5-6228-26) (use Whittaker 105685 until exh) (North American Spec NA5-6228-11)	1	
-25	42535-1.500S	CLAMP, (Marman)	1	
	22712-1.500	SLEEVE, (Marman)	1	
-26	172-53355-10	TUBE ASSY, Heat and vent sys secondary exchanger outlet to clamp (use 172-53355 until exh)	1	
-27	172-53356	DUCT ASSY, Heat and vent sys secondary exchanger to turbine	1	*2
-28	172-53357	GASKET, Heat and vent system turbine inlet high pressure	1	
-29	172-53380	SCREEN ASSY, Heat and vent system turbine inlet	1	
-30	120-53344-15	CLAMP ASSY, Anti-icing system empennage connector	2	
-31	151-53612	CONNECTOR, Heat and vent system fuselage sta 178 elbow	1	
-32	172-53352	ADAPTER ASSY, Heat and vent system fan cooling air outlet	1	
-33	172-53351	GASKET, Heat and vent system fan cooling air outlet	1	
-34	120-53344-13	CLAMP ASSY, Anti-icing system empennage connector	1	
-35	AN3-11A	BOLT	9	
-36	AN960D10L	WASHER	9	
-37	43907-5.036S	CLAMP, (Marman)	1	
-38	5R13-11	RING, Heat and vent sealing (North American) (use 165-53532-11 until exh)	1	
-39	172-53317-3	FLANGE, Heat and vent system fan cooling air inlet recessed (use 172-53317 until exh)	1	
-40	172-53315	CONNECTOR, Heat and vent system fan cooling air inlet	1	
-41	172-53316	RETAINER, Heat and vent system fan cooling air	1	
-42	57120	TURBINE, High pressure cooling (Airesearch) (North American Spec NA5-6217-1)	1	A
	16801	TURBINE, Air cycle machine model N15-1 (Stratos) (North American Spec NA5-6217-2) (Stratos dwg 16800)	1	B
-43	172-53365	OUTLET ASSY, Heat and vent sys secondary exchanger cooling air (whn exh use 172-53365-10)	1	
	172-53365-10	OUTLET ASSY, Heat and vent system secondary exchanger cooling air (use 172-53365 until exh)	1	
	172-53381	. SCREEN ASSY, Heat and vent system fan cooling air inlet (used on 172-53365 only)	1	
-44	172-53374-3	SEAL, Heat and vent system heat exchanger duct attaching	2	
-45	80150	EXCHANGER ASSY, Heat ram (Airesearch) (North American Spec NA5-6217-1)	1	A
	16804	EXCHANGER ASSY, Blower heat (Stratos) (North American Spec NA5-6217-2)	1	B
-46	172-53379	CLAMP ASSY, Heat and vent system heat exchanger duct attaching (see figure 336 for breakdown)	7	
-47	172-53379-10	CLAMP ASSY, Heat and vent system heat exchanger duct attaching (see figure 336 for breakdown)	1	
-48	172-53358	VALVE ASSY, H & V sys cabin air press. vacuum relief & dump	1	
	516013	. VALVE, Dump (Hamilton) (use Pacific Airmotive 550120 550120-1 or 550120-5 until exh) (Spec NA5-6235-8B)	1	
	165-53591	. GASKET, Heat and vent system dump valve mounting	1	
-49	172-53359	GASKET, Heat and vent system dump valve mounting	1	
-50	172-53404	TUBE ASSY, Cockpit press. & vent sta 125 to 139 (see fig. 385)	Ref	
-51	172-53353	DUCT ASSY, H & V sys fan cooling air discharge (see fig. 156)	Ref	

*1 Use Airesearch 93750-1 and 93750-3 (North American Spec NA49-651) or 93750-7 (North American Spec NA5-6229-1) until exh).

*2 227-53312 duct together with 227-53313 duct, 42535-150SH clamp (Marman), 22712-1.500 sleeve (Marman) and 5S6 bonding strip 2 req (North American) are intrch wth 172-53356 duct assy.

USEABLE ON CODE:
A 51-2850 thru 51-13070, 51-13077 thru 51-13086, 52-4305 and subs
B 51-13071 thru 51-13076, 51-13087 thru 51-13510
C 52-4755 and subs
D 51-2850 thru 51-12976, 51-13070 thru 51-13510, 52-4305 thru 52-5063, 52-5272 thru 52-5474
E 52-5062 thru 52-5271, 53-1072 thru 53-1228, 52-5475 thru 52-5530

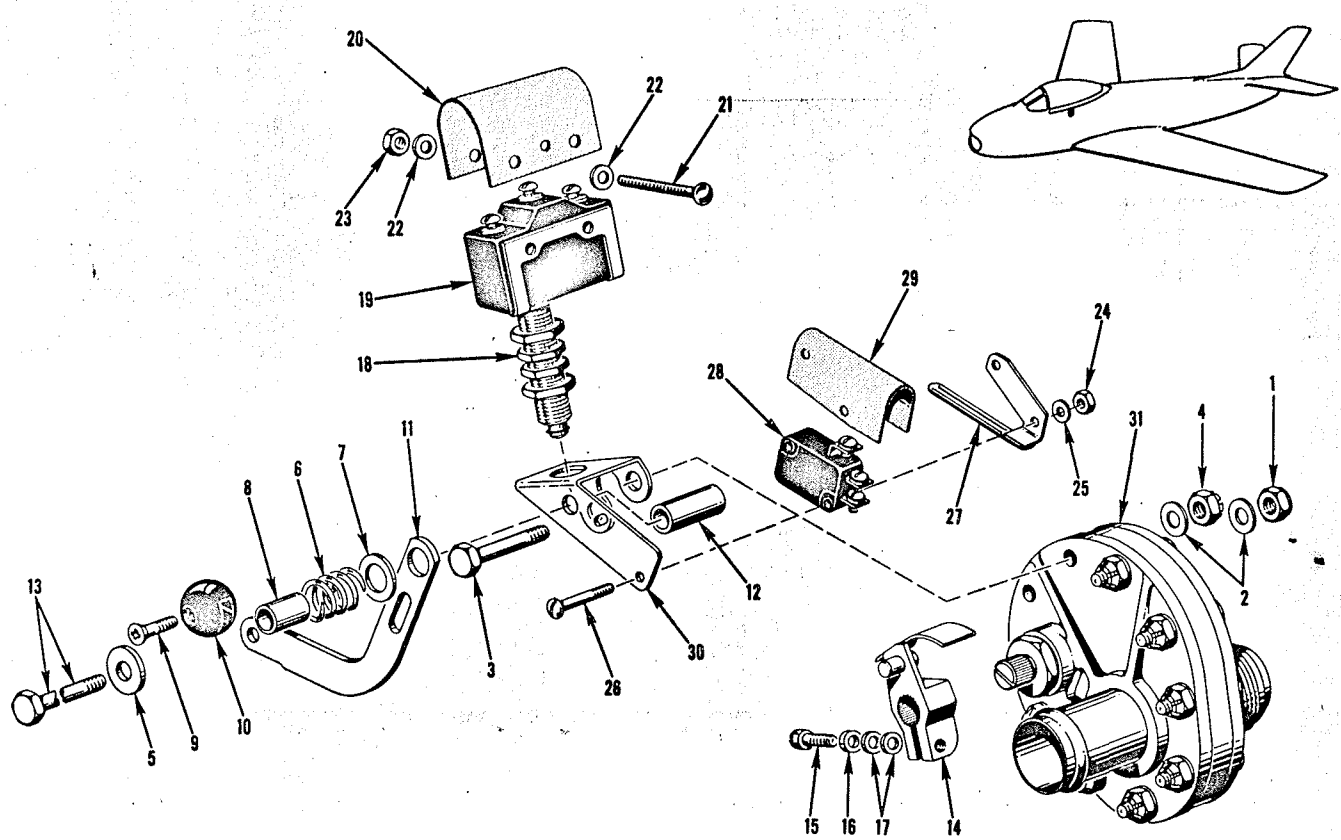


176-53-39

FIGURE 383 - HEAT AND VENT SYSTEM HEAT EXCHANGER DUCT ATTACHING CLAMP ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
383	172-53379	CLAMP ASSY, Heat and vent sys heat exchanger duct attaching (see figures 377 and 382 for next assembly)	Ref	
	172-53379-10	CLAMP ASSY, Heat and vent sys heat exchanger duct attaching (see figure 377 for next assembly)	Ref	
-1	AN960D10L	. WASHER	1	
-2	AN393-17	. PIN	1	
-3	172-53376	. LINK, Heat and vent system heater exchanger duct attaching	1	
-4	AN365-428	. NUT	1	
-5	AN960D416	. WASHER	1	
-6	172-53375	. RETAINER ASSY, Heat and vent system heat exchanger duct attaching (used on 172-53379 only)	1	
-7	172-53394	. RETAINER ASSY, Heat and vent system heat exchanger duct attaching (used on 172-53379-10 only)	1	
-8	172-53378	. ROD ASSY, Heat and vent system heat exchanger duct attaching (used on 172-53379 only)	1	
-9	172-53378-10	. ROD ASSY, Heat and vent system heat exchanger duct attaching (used on 172-53379-10 only)	1	
	AN481-11	. . CLEVIS, (used on 172-53378 and 172-53378-10 only)	1	

FUSELAGE HEAT AND VENT (Cont)



176-53-45

FIGURE 384 - HEAT AND VENT CENTER WINDSHIELD DE-ICING SHUT-OFF VALVE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
384	151-53346-10	VALVE ASSY, Heat and vent system center windshield de-icing shut-off (see figure 381 for next assembly)	Ref	C
	151-53346-20	VALVE ASSY, Heat and vent system center windshield de-icing shut-off (see figure 381 for next assembly)	Ref	D
-1	AN363C1032	NUT	1	
-2	AN960-10	WASHER	2	
-3	AN3-12A	BOLT	1	
-4	AN310-3	NUT	1	
-5	2W1-13-20-95	WASHER, Plain (North American)	1	
-6	151-53630	SPRING, H & V sys center windshield de-icing shut-off valve	1	
-7	2W1-25-20-64	WASHER, Plain (North American)	1	
-8	NAS43-3-44	SPACER, Rivet	1	
	140-53323	ARM ASSY, H & V sys center windshield de-icing shut-off valve	1	
-9	AN507-832R8	SCREW	1	
	AN960D8L	WASHER	AR	
-10	NAS120B125	KNOB, Control 3/4 inch spherical	1	A
	1K4	KNOB, Control (North American)	1	B
-11	140-53325	ARM, H & V sys center windshield de-icing shut-off valve	1	
-12	NAS43-3-54	SPACER, Rivet	1	
-13	AN3-27	BOLT	1	
-14	172-53334	CAM ASSY, H & V sys center windshield de-icing shut-off valve	1	D
-15	AN503-8-8	SCREW	1	D
-16	AN935-8L	WASHER	1	D
-17	AN960C8	WASHER	AR	D
-18	MC2711	ACTUATOR, Limit sw class C (Micro Switch) (AN3168-2)	1	C
-19	BZ3YT	SWITCH, (Micro Switch) (AN3216-1)	1	
-20	8C4-3	COVER, Switch protector (North American)	1	
-21	AN515-6-18	SCREW	2	
-22	AN960C6	WASHER	4	
-23	AN365-632	NUT	2	
-24	AN365-440	NUT	2	
-25	2W1AL8-8-16	WASHER, Plain (North American)	2	
-26	AN515-4R12	SCREW	2	
-27	JV7	ACTUATOR, Auxiliary (Micro Switch)	1	
-28	V3-1	SWITCH, Single pole double throw (Micro Switch) (AN3234-1)	1	
-29	170-54763-10	INSULATOR, Electric AN3234-1 switch (use 152-54208 until exh).	1	
-30	172-53336	BRACKET, Heat & vent sys center windshield de-icing valve sw.	1	C
	172-53336-10	BRACKET, Heat & vent sys center windshield de-icing valve sw.	1	D
-31	91750-3	VALVE ASSY, 1 in. tube and 1 in. hose shut-off (Airesearch)	1	

USEABLE ON CODE: A 51-2850 thru 51-13397, 52-4305 thru 52-4504
B 51-13398 thru 51-13510,
B 52-4505 and subs
C 51-2850 thru 51-13510, 52-5272 thru 52-5328
D 52-5064 thru 52-5271, 52-5329 and subs

FUSELAGE HEAT AND VENT (Cont)

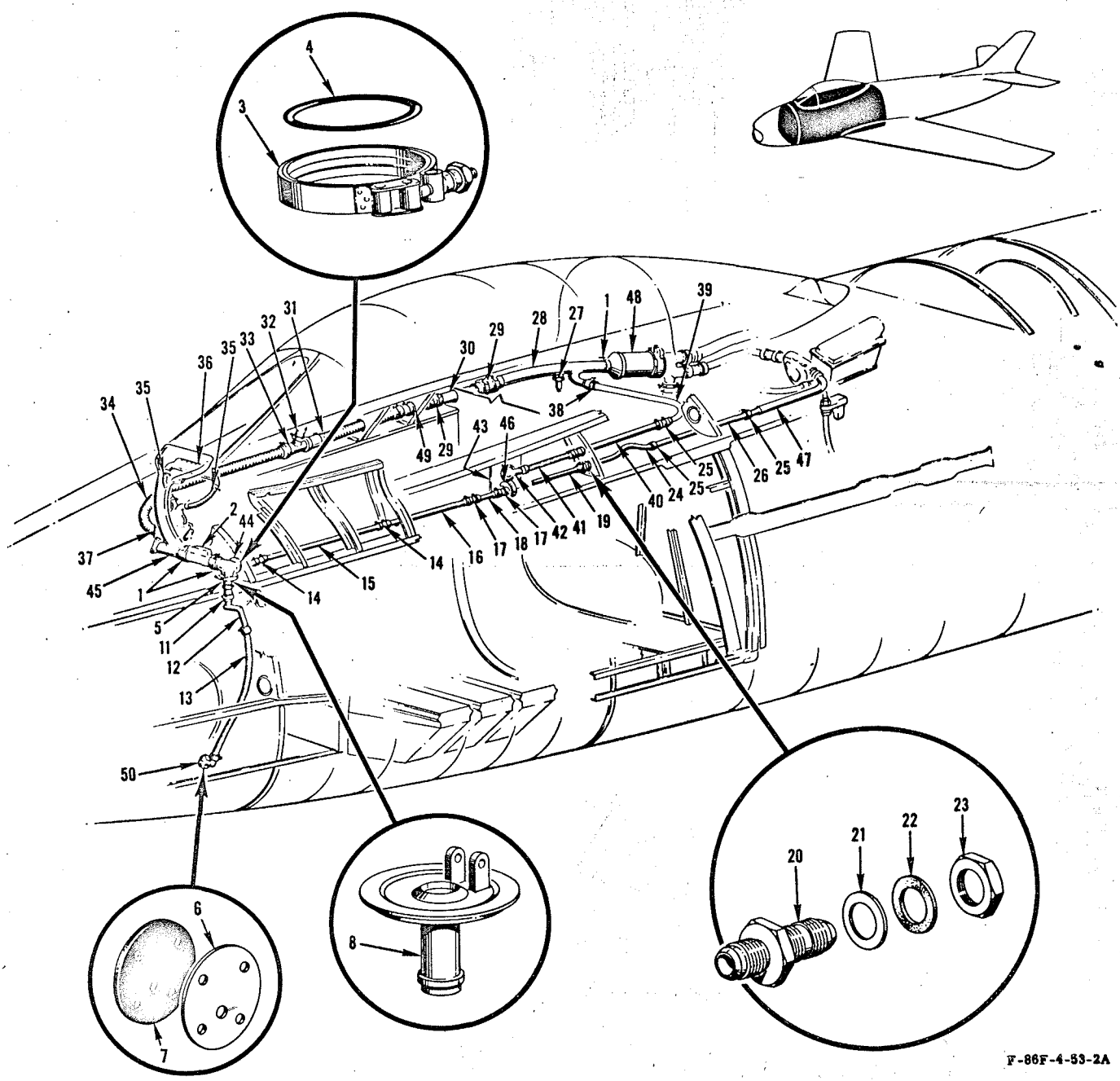


FIGURE 385 - COCKPIT PRESSURIZATION AND INNER WINDSHIELD DEFROSTING EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
385	No Number	COCKPIT PRESSURIZATION AND INNER WINDSHIELD DEFROSTING EQUIPMENT STATION 53.5 TO STA 139, (see fig. 377 for next assy)	NP	
-1	42535-2.000S	. CLAMP, (Marman)	1	K
	22712-2.000	. SLEEVE, (Marman)	1	K
	42535-400SH	. CLAMP, (Marman)	1	J
	22712-4.000	. SLEEVE, (Marman)	1	J
	140-53316-9	. HOSE, Heat and vent system connecting	1	J

FUSELAGE HEAT AND VENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
385-2	C883	HEATER ASSY, 2KW (Cole) (North American Spec NA5-6221-1)	1	A
	191-53317-3	DUCT, Heat and vent sys windshield anti-ice (use 191-53317 untl exh)	1	
-3	43688-200	CLAMP, (Marman) (intrch wth National Utilities K3290S200)	1	
	SA4511-8	. BOLT, "T" (Marman)	1	
-4	5R13-11	RING, Heat and vent system sealing (North American) (use 165-53532-5 untl exh)	1	
-5	172-53340	VALVE ASSY, Heat and vent sys windshield anti-ice water drain	1	
	191-53324	PLATE ASSY, Heat and vent system windshield anti-ice drain	1	
-6	191-53324-3	. PLATE, Heat and vent system windshield anti-ice drain	1	
-7	191-53324-5	. GASKET, Heat and vent system windshield anti-ice drain	1	
-8	172-53330	. HOUSING, Heat and vent sys windshield anti-ice drain valve	1	
-9	DELETED			
-10	DELETED			
-11	3H2L10-11	HOSE, (North American)	1	
-12	227-53311	DUCT, Heat and vent sys windshield anti-ice water drain assy of (use 172-53398 untl exh)	1	
-13	4D1-1-310	DUCT, Wire sup. flex (North American)(use 152-53336-9 untl exh)	1	
-14	4D2-20-14	DUCT ASSY, Air non-wire supported (North American) (use 165-53410 untl exh)	2	
-15	172-53341-3	LINE, Heat & vent windshield anti-icing air fus sta 55 to 70.	1	
-16	172-53341-5	LINE, Heat & vent windshield anti-icing sta 70 1/4 to 84 3/4.	1	A
	172-53341-19	LINE, Heat & vent windshield anti-icing air fus sta 70 to 84.	1	B
-17	140-53316-3	HOSE, Heat and vent connecting	2	
-18	172-53341-7	LINE, Heat and vent windshield anti-icing air fuselage station 85 to shut-off valve	1	A
	172-53341-21	LINE, Heat and vent windshield anti-icing air fuselage station 85 to shut-off valve	1	B
-19	151-53335-23	LINE ASSY, Windshield de-icing sta 100 to sta 113 1/2	1	
-20	AN832-16D	UNION	1	
-21	2W1AL85-52-51	WASHER, Plain (North American)	2	
-22	151-53338	GASKET, Heat and vent sys windshield de-icing sta 113 1/2	2	
-23	AN924-16D	NUT	1	
-24	172-53341-11	LINE ASSY, Heat and vent windshield anti-icing air pressure bulkhead to fuselage station 124	1	
-25	172-53424-5	CONNECTOR, Heat and vent air duct	3	
-26	172-53341-13	LINE, Heat & vent windshield anti-icing air sta 124 to 140	1	E
	172-53341-23	LINE, Heat & vent windshield anti-icing air sta 124 to 140	1	F
	140-53316-3	HOSE, Heat and vent connecting (rubbing strip)	1	
-27	33500-05	PICK-UP, Duct mounting temperature (Airesearch) (North American Spec NA5-6225-1)	1	
-28	172-53404-10	TUBE ASSY, Heat and vent system cockpit pressure and vent station 125 to 139	1	*1
-29	140-53316-7	HOSE, Heat and vent system connecting	2	
-30	151-53545	TUBE, Heat and vent system cockpit pressure and vent station 115 1/2 to 124 3/4	1	
-31	4D1-8-214	DUCT, Wire sup. flex. (North American)(use 152-53336-5 untl exh)	1	
-32	191-53319	DUCT, H & V sys wire sup. flex. (use 152-53336-21 untl exh)	1	
-33	152-53523	TUBE ASSY, Heat and vent system canopy defroster take-off	1	
-34	4D1-8-450	DUCT, Wire sup. flex. (use 152-53336-3 untl exh)	1	
-35	4D1-4-122	DUCT, Wire sup. flex. (North American)(use 152-53336-33 untl exh)	2	C
	4D1-4-142	DUCT, Wire sup. flex. (North American)(use 152-53336-43 untl exh)	2	D
-36	172-53337	MANIFOLD ASSY, Heat and vent system armor glass defrost	1	C
	172-53432	MANIFOLD ASSY, Heat and vent system armor glass defrost	1	D
-37	172-53425	VALVE ASSY, Heat and vent system windshield defrosting and cockpit vent (see fig. 387 for breakdown & attaching parts)	1	
-38	4D2-20-14	DUCT ASSY, Air non-wire supported (North American) (use 165-53410 untl exh)	1	
-39	172-53311-67	LINE, Cabineair supply line heater outlet to left side	1	*1
	140-53316-3	HOSE, Heat and vent system connecting (rubbing strip)	1	
-40	172-53311-57	LINE, Cockpit air outlet left side forward	1	
-41	4D1-4-110	DUCT, Wire sup. flex. (North American)(use 165-53336-7 untl exh)	1	
-42	151-53365	OUTLET INSTL, Heat and vent system pilot's cockpit vent LH sta 98 11/16 (see figure 379 for breakdown)	NP	
-43	151-53377-30	PANEL ASSY, Heat and vent system left side outlet closeout	1	A
	151-53377-40	PANEL ASSY, Heat and vent system left side outlet closeout	1	G
	151-53377-50	PANEL ASSY, Heat and vent system left side outlet closeout	1	H
-44	172-53327	TRAP ASSY, Heat and vent system windshield anti-ice water (see figure 115)	Ref	
-45	172-53326	OUTLET ASSY, Heat and vent system windshield anti-ice (see figure 162)	Ref	
-46	151-53346-10	VALVE ASSY, Center windshield de-icing shut-off (see fig. 381)	Ref	
-47	172-53407	DUCT ASSY, Fus sta 161 5/16 canopy defrost and de-icing (see figure 377)	Ref	
-48	151-53573-10	HEATER ASSY, Heat and vent system cockpit boost (see fig. 382)	Ref	
-49	151-53481	TUBE ASSY, Cockpit press. & vent bhd sta 113 1/2 (see fig. 177).	Ref	
-50	172-53342	OUTLET ASSY, Heat and vent system windshield anti-ice drain (see figure 135)	Ref	

*1 Use 172-53404 together with 172-53311-61 and 172-53311-63. Whn exh use 172-53404-10 together with 172-53311-67.

USEABLE ON CODE:
A 51-2850 thru 51-13169
B 51-13170 and subs
C 51-2850 thru 51-2943
D 51-12936 and subs
E 52-5064 thru 52-5163, 52-5329 thru 52-5530
F 52-5164 thru 52-5271, 53-1072 and subs
G 51-13170 thru 55-3840
H 55-3841 and subs
J 55-3816 and subs
K 51-2850 thru 53-1228

FUSELAGE HEAT AND VENT (Cont)

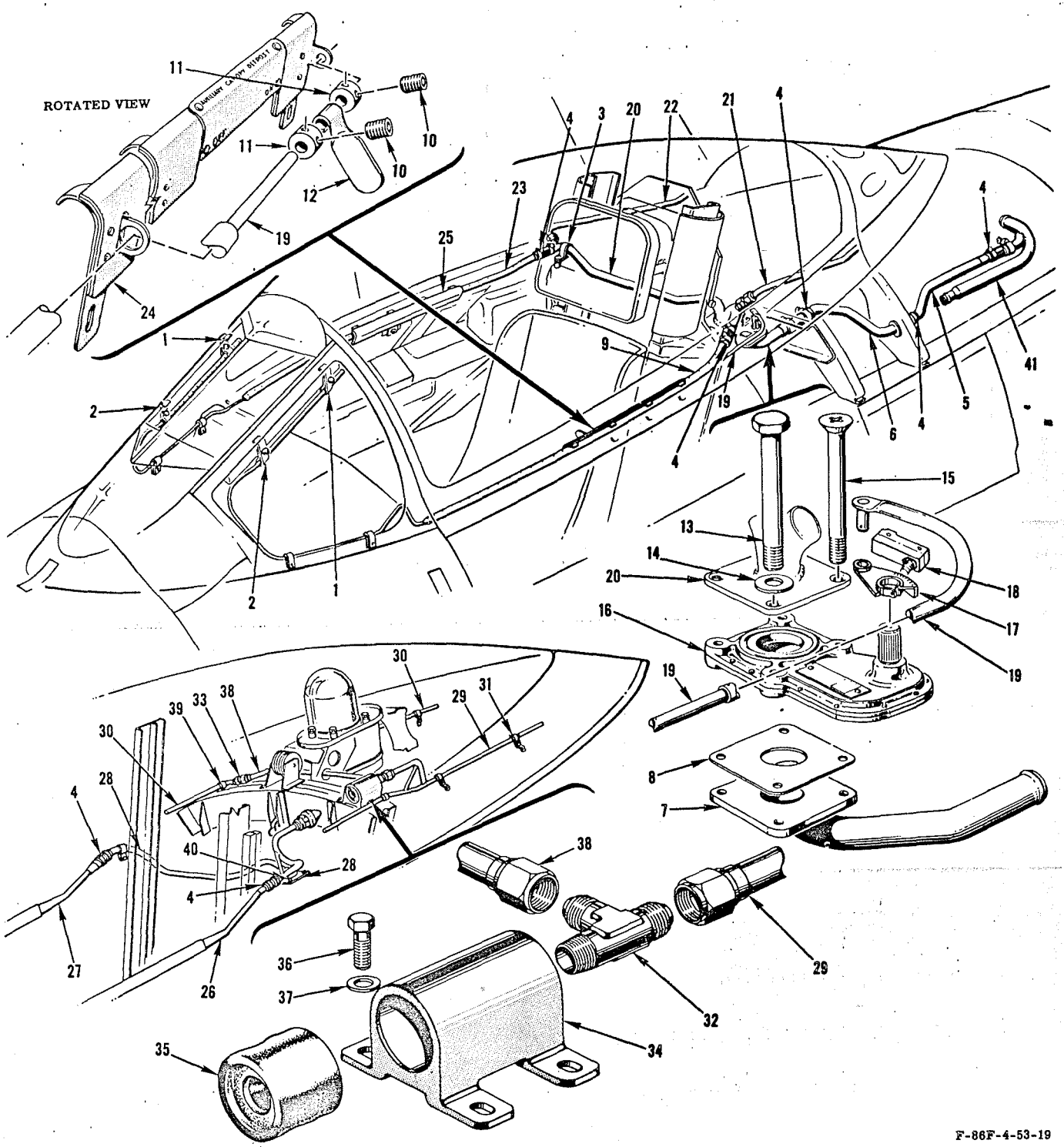


FIGURE 386 - COCKPIT ENCLOSURE DEFROSTING HEAT AND VENT EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
386	172-53307	HEAT AND VENT SYSTEM EQUIPMENT INSTALLATION, Cockpit enclosure defrosting (see figure 108 for next assembly)	NP	A
	172-53307-51	HEAT AND VENT SYSTEM EQUIPMENT INSTALLATION, Cockpit enclosure defrosting (see figure 108 for next assembly)	NP	B
-1	AN742D10	. CLAMP	2	C
	AN365-1032	. NUT	2	C

FUSELAGE HEAT AND VENT (Cont)

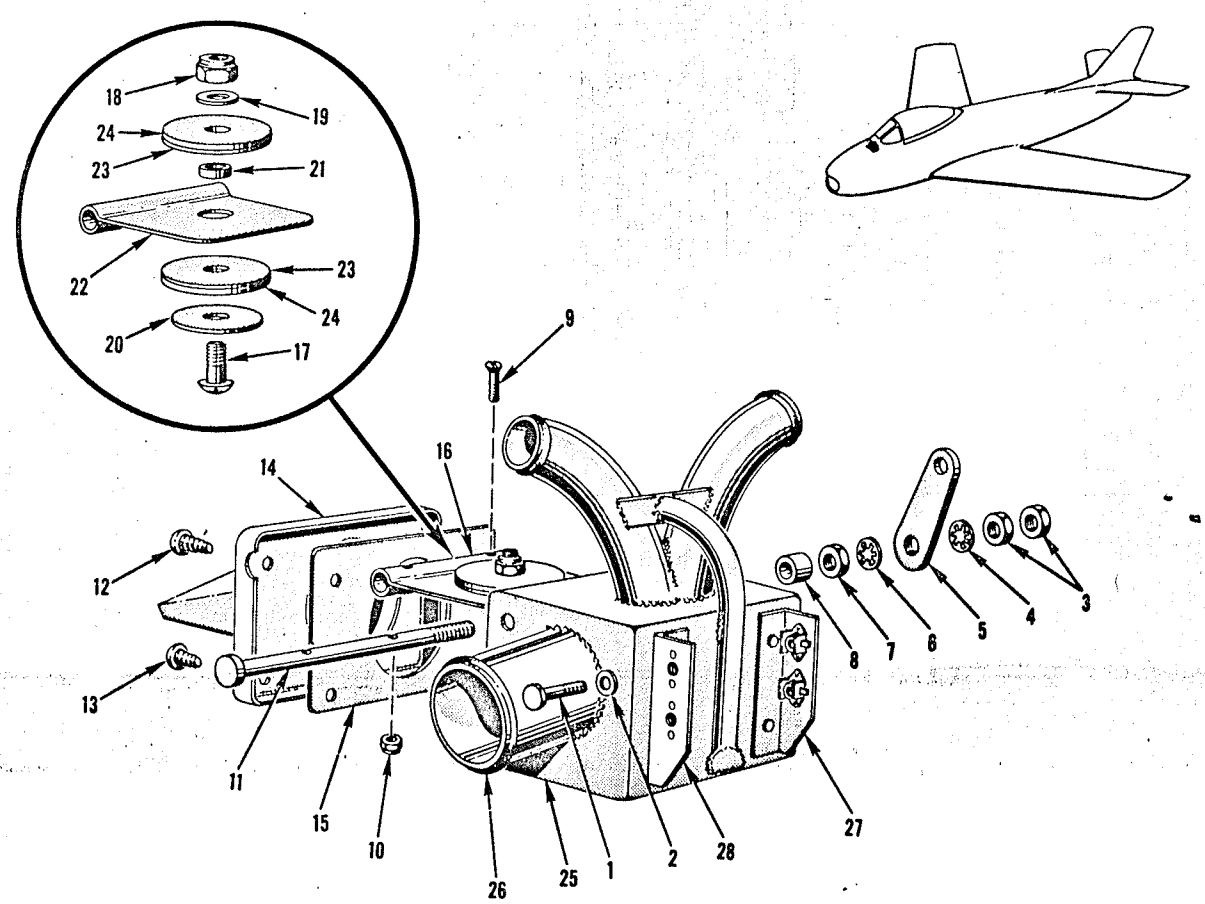
FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
386	172-53437	BRACKET ASSY, Heat and vent sys armor glass defrost duct support upper	2	H
	7S16CN10-13	SCREW, 100° flush head corrosion resistant (North American)	2	H
-2	AN742D10	CLAMP	2	C
	AN365-1032	NUT	2	C
	172-53436	BRACKET ASSY, Heat and vent system armor glass defrost duct support lower	2	H
	7S16CN10-13	SCREW, 100° flush head corrosion resistant (North American)	2	H
-3	AN742D16	CLAMP	1	
-4	172-53424-5	CONNECTOR, Heat and vent air duct (use Marman 42535-1.000S clamp and 22712-1.000 sleeve untl exh)	5	
	AN737TW46	CLAMP	10	
-5	172-53311-21	LINE, High pressure defrost "Y" duct to fuselage sta 140	1	
-6	170-53335-43	LINE, Cockpit enclosure defrost fuselage sta 147 7/8 to 135	1	
-7	170-53334	TUBE ASSY, Heat and vent sys cockpit enclosure defrosting	1	
-8	151-53657	GASKET, Heat and vent system cockpit enclosure defrosting	1	
-9	172-53418-3	TUBE ASSY, Heat and vent system cockpit enclosure defroster	1	C
	172-53451-3	MANIFOLD ASSY, Heat and vent sys cockpit enclosure defroster	1	D, *2
-10	AN565A8H4	SCREW	2	
-11	151-53671	COLLAR, H & V system cockpit enclosure defrost duct handle stop	2	
-12	151-53663	HANDLE, Heat and vent system cockpit enclosure defrosting duct	1	
-13	AN4-17A	BOLT	3	E
-14	AN960-416	WASHER	3	E
-15	AN509-416R30	SCREW	1	E
-16	WM346-1D	VALVE ASSY, Slide shut-off (Whittaker)	1	-
-17	191-53316	LEVER ASSY, Heat and vent system cockpit enclosure defrost valve (use 172-53422 untl exh)	1	-
	AN515-8R12	. SCREW	1	
	AN960D8	. WASHER	2	
	AN365-832	. NUT	1	
-18	BZ7TQ1T	SWITCH, (Micro Switch) (intrch wth Micro Switch BZ7YQ1T1)	1	
-19	172-53423	ROD ASSY, Heat & vent sys cockpit encl defrost valve control	1	
	2W1-13-14-32	WASHER, Plain (North American)	1	
-20	172-53417	MANIFOLD ASSY, Heat and vent system cockpit encl defrosting	1	E
	176-53327	MANIFOLD ASSY, Heat and vent system cockpit encl defrost	1	F, *2
-21	176-53328	TUBE ASSY, Heat and vent system aft canopy defrost LH	1	F, *2
-22	176-53329	TUBE ASSY, Heat and vent system aft canopy defrost RH	1	F, *2
-23	172-53418-5	TUBE ASSY, Heat and vent system cockpit enclosure defroster	1	C
	172-53451-5	MANIFOLD ASSY, Heat and vent system cockpit enclosure defroster	1	D, *2
-24	172-53415	SHIELD ASSY, Heat and vent system LH defrost line	1	
-25	172-53416	SHIELD ASSY, Heat and vent system RH defrost line	1	
-26	191-53451-1	DUCT ASSY, Heat and vent sys windshield & canopy defrost LH	1	J, *1
-27	191-53451-2	DUCT ASSY, Heat and vent sys windshield & canopy defrost RH	1	J, *1
-28	191-53417	MANIFOLD ASSY, Heat and vent sys cockpit enclosure defrost	1	J, *1
	151-53660-5	. PLATE, Heat and vent system canopy enclosure deck	1	J, *1
-29	191-53335	DUCT ASSY, Heat and vent system canopy defrost LH side	1	J, *1
-30	191-53334	DUCT ASSY, Heat and vent system canopy defrost RH side	1	J, *1
-31	AN742-8	CLAMP	6	J, *1
	AN520-10-7	SCREW	4	J, *1
	AN364-1032	NUT	4	J, *1
	2W17-10L	WASHER, Corrosion resistant steel (North American)	4	J, *1
-32	AN826-10D	TEE	1	J, *1
-33	AN815-10D	UNION	1	J, *1
-34	191-53332	HOUSING, Heat and vent system canopy defrost make and break connection seal	1	B
	191-53360	HOUSING, Heat & vent sys canopy defrost make & break connect. seal	1	F, *1
	191-53359	SUPPORT, Heat & vent sys canopy defrost connect. housing	1	F, *1
-35	191-53333	SEAL, Heat and vent sys canopy defrost make & break connect.	1	J, *1
-36	AN3-6A	BOLT	4	B
	AN3-5A	BOLT	2	F, *1
-37	2W17-10L	WASHER, Corrosion resistant steel (North American)	4	B
	2W18-10M	WASHER, Flat (North American)	2	F, *1
	AN365-1032	NUT	2	F, *1
-38	191-53355-55	LINE ASSY, Aft canopy defrost cross-over duct	1	B
-39	AN520-10-14	SCREW	1	J, *1
	4S3D10-5	SPACER, Bolt (North American)	1	J, *1
	2W17-10L	WASHER, Corrosion resistant steel (North American)	1	J, *1
-40	AN4-17A	BOLT	3	J, *1
	AN960-416	WASHER	3	J, *1
	AN509-416R30	SCREW	1	J, *1
-41	2W18-10	WASHER, Flat (North American)	1	
-42	172-53407	DUCT ASSY, Heat and vent system fuselage sta 161 5/16 canopy defrost and de-ice (see figure 377)	Ref	

USEABLE ON CODE:

A 51-2850 thru 51-13510, 52-4305 thru 52-5113, 52-5272 thru 52-5328
B 52-5164 thru 52-5271, 52-5447 and subs
C 51-2850 thru 51-2943
D 51-12936 thru 52-5113, 52-5272 thru 52-5446
E 51-2850 thru 51-13340, 52-4305 thru 52-4454
F 51-13341 thru 51-13510, 52-4455 thru 52-5163 52-5272 thru 52-5446
G 52-4454 and subs
H 51-12936 and subs
J 51-13341 and subs

*1 Refer to T. O. 1F-86F-515.
*2 Parts marked thus are not used on airplanes modified per T. O. 1F-86F-515.

FUSELAGE HEAT AND VENT (Cont)



176-53-44

FIGURE 387 - HEAT AND VENT SYSTEM WINDSHIELD DEFROSTING AND COCKPIT VENT VALVE ASSEMBLY AND ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
387	172-53425		VALVE ASSY, Heat and vent windshield defrosting and cockpit vent (see figure 385 for next assembly)	Ref	
			ATTACHING PARTS		
-1	AN3-3A		BOLT	4	
-2	AN960D10L		WASHER	4	
			---*---		
-3	AN316-4R	.	NUT	2	
-4	AN936A416H	.	WASHER	1	
-5	151-53431	.	ARM, Heat and vent system windshield defrosting and cockpit vent valve	1	
-6	AN936A416H	.	WASHER	1	
-7	AN316-4R	.	NUT	1	
-8	4S3-416-10	.	SPACER, Bolt (North American)	1	
-9	AN515-4R8	.	SCREW	2	
-10	AN365-440	.	NUT	2	
-11	151-53435	.	SHAFT, H & V sys windshield defrosting & cockpit vent valve	1	
-12	AN530-10R10	.	SCREW (upper)	2	
-13	AN530-10R8	.	SCREW (lower)	2	
-14	172-53433	.	COVER ASSY, H & V sys windshield defrost & cockpit vent valve	1	
-15	151-53424	. .	SEAL, H & V sys windshield defrost & cockpit vent valve	1	
-16	172-53429	.	FLAP ASSY, H & V sys windshield defrost & cockpit vent valve.	1	
-17	AN515-6R8	. .	SCREW	1	
-18	AN365-632	. .	NUT	1	
-19	2W1AL9-12-32	. .	WASHER, Plain (North American)	1	
-20	2W1AL9-52-32	. .	WASHER, Plain (North American)	1	
-21	NAS42DD5-6	. .	SPACER, Rivet (North American)	1	
-22	172-53429-3	. .	FLAP, H & V sys windshield defrost & cockpit vent valve	1	
-23	2W1AL9-66-32	. .	WASHER, Plain (North American)	2	
-24	172-53333	. .	SEAL, H & V sys windshield defrost & cockpit vent valve	2	
-25	172-53434	.	BOX ASSY, H & V sys windshield defrost & cockpit vent valve	1	
-26	151-53428	. .	INLET TUBE, H & V sys windshield defrost and cockpit vent valve box	1	
-27	151-53426-3	. .	SUPPORT, Heat and vent system windshield defrost and cockpit vent valve box	1	
-28	151-53426-4	. .	SUPPORT, Heat and vent system windshield defrost and cockpit vent valve box	1	

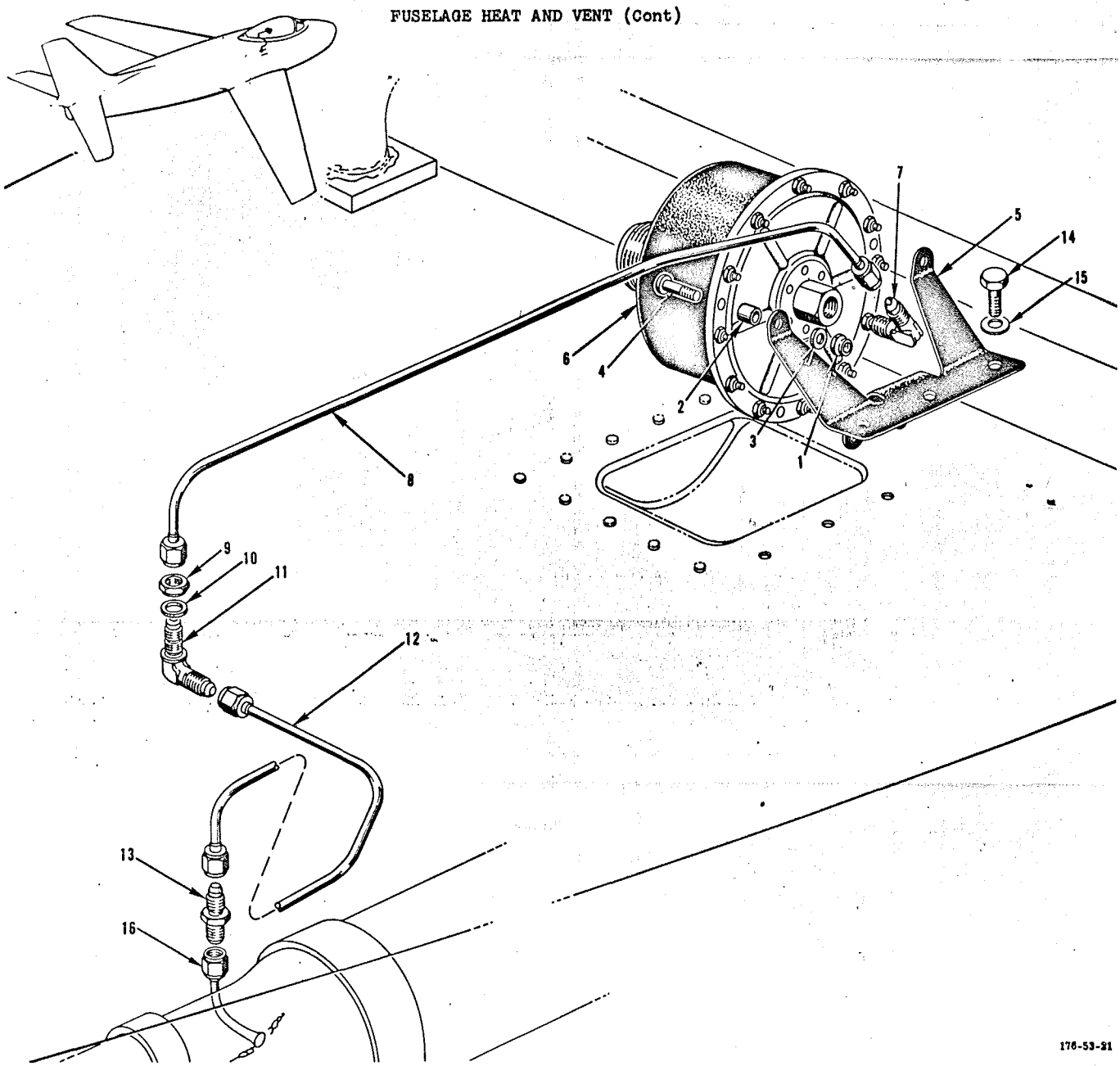


FIGURE 388 - HEAT AND VENT PRESSURE SWITCH EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
388	No Number	HEAT AND VENT PRESSURE SWITCH EQUIPMENT, (see figure 377 for next assembly)	NP	
	151-53551-5	. SWITCH ASSEMBLY, Heat and vent system press.	1	
-1	AN364-832	. . NUT	4	
-2	4S3-8-8	. . SPACER, Bolt (North American)	4	
-3	AN960D8L	. . WASHER	4	
-4	AN500-8-12	. . SCREW	4	
-5	151-53552	. . BRACKET, Heat and vent system pressure switch	1	
-6	PG208B7	. . SWITCH, Pressure (Minneapolis-Honeywell (less bracket) (use Minneapolis-Honeywell PG208AS2 until exh)	1	
-7	AN822-4D	. ELBOW	1	
-8	151-53335-135	. LINE ASSY, Press. switch to canopy deck	1	
-9	AN924-4D	. NUT	1	
-10	AN960D716	. WASHER	1	
-11	AN833-4D	. ELBOW	1	
-12	172-53311-53	. LINE ASSY, Press. switch heater to canopy deck fitting	1	
-13	AN815-4D	. UNION	1	
-14	AN3-3A	. BOLT	3	
-15	2W1SR32-24-40	. WASHER, Plain (North American)	3	
-16	151-53331-10	MANIFOLD ASSY, Heat and vent system cockpit boost heater (see figure 382)	Ref	

FUSELAGE HEAT AND VENT (Cont)

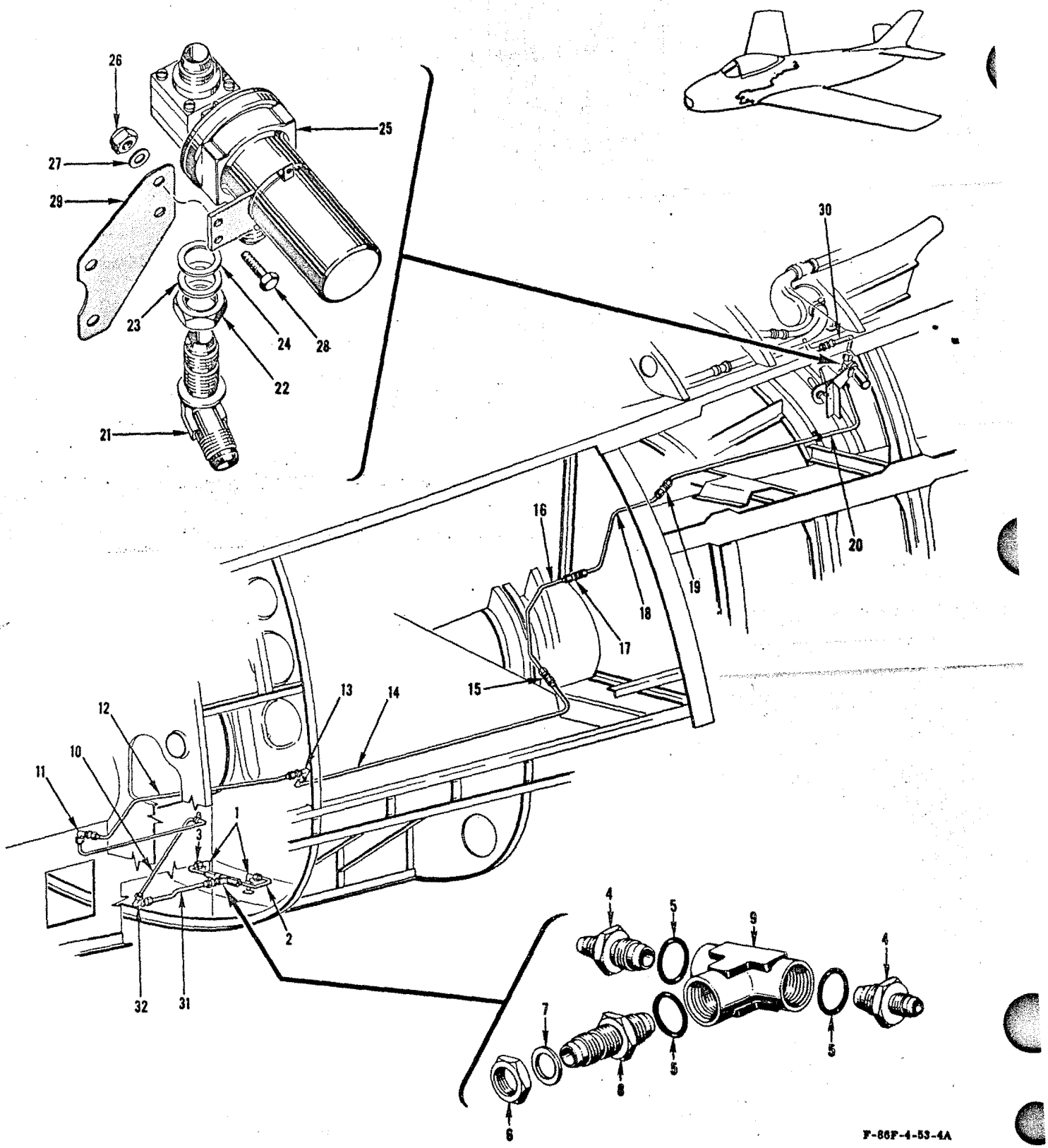


FIGURE 389 - P2 CAMERA WINDOW DEFROST HEAT AND VENT SYSTEM

FUSELAGE HEAT AND VENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
389	191-53375	HEAT AND VENT SYSTEM EQUIPMENT INSTALLATION, P2 camera window defrost (see figure 377 for next assembly)	NP	A
	191-53375-20	HEAT AND VENT SYSTEM EQUIPMENT INSTALLATION, P2 camera window defrost (see figure 377 for next assembly)	NP	B
-1	AN833-6D	. ELBOW	2	A,B,*1
	2W18-916	. WASHER, Flat (North American)	2	A,B,*1
	AN924-6D	. NUT	2	A,B,*1
-2	191-53355-39	. LINE ASSY, P2 camera window defrost station 92.95 to station 97 LH side	1	A,B,*1
-3	191-53355-43	. LINE ASSY, P2 camera window defrost station 92.95 to station 97 RH side	1	A,B,*1
-4	AN894-8-6D	. BUSHING	2	A,B,*1
-5	AN6290-8	. PACKING	1	A,B,*1
-6	AN924-8D	. NUT	1	A,B,*1
-7	2W18-1216	. WASHER, Flat (North American)	1	A,B,*1
-8	AN832-8D	. UNION	1	A,B,*1
-9	AN926-8D	. TEE	1	A,B,*1
	2W18-1216	. WASHER, Flat (North American)	1	A,B,*1
	AN924-8D	. NUT	1	A,B,*1
-10	191-53355-91	. LINE ASSY, P2 camera window defrost wheel well beam to station 84.5 (use 191-53355-31 until exh)	1	A,B,*1
-11	AN833-8D	. ELBOW	1	A,B,*1
	2W18-1216	. WASHER, Flat (North American)	1	A,B,*1
	AN924-8D	. NUT	1	A,B,*1
-12	191-53355-27	. LINE ASSY, P2 camera window defrost station 84.5 to wheel well beam	1	A,B,*1
-13	AN833-8D	. ELBOW	1	A,B,*1
	AN960D1216	. WASHER	1	A,B,*1
	AN924-8D	. NUT	1	A,B,*1
-14	191-53355-23	. LINE ASSY, P2 camera window defrost station 92.5 to station 84.5	1	A,B,*1
-15	AN815-8D	. UNION	1	A,B,*1
-16	191-53355-15	. LINE ASSY, P2 camera window defrost station 126.4 to station 118.5	1	A,B,*1
-17	AN832-8D	. UNION	1	A,B,*1
	2W18-1216	. WASHER, Flat (North American)	1	A,B,*1
	AN924-8D	. NUT	1	A,B,*1
-18	191-53355-11	. LINE ASSY, P2 camera window defrost station 138 to 126.413	1	A,B,C,*1
-19	AN815-8D	. UNION	1	A
-20	191-53355-3	. LINE ASSY, P2 camera window defrost shut-off valve to station 150	1	A,B,C,*1
	191-53356-3	. LINE ASSY, P2 camera window defrost shut-off valve to station 148	1	D,*1
	191-53356-7	. LINE ASSY, P2 camera window defrost station 148 to canted station 126	1	D,*1
-21	AN833-8D	. ELBOW	1	A,*1
-22	AN6289	. NUT	1	A,*1
-23	AN6290	. GASKET	1	A,*1
-24	AN6291-8	. RING	1	A,*1
-25	46004	. VALVE ASSEMBLY, Motor operated P2 camera defrost (Koehler)	1	A,*1
	ATTACHING PARTS			
-26	AN365-1032	. NUT	2	A,*1
-27	2W18-10	. WASHER	2	A,*1
-28	AN3-4A	. BOLT	2	A,*1
	---*---			
-29	191-53352	. BRACKET, Heat and vent system P2 camera valve support	1	A,*1
-30	191-53355-51	. LINE ASSY, P2 camera window defrost shut-off valve to 172-53407 duct assembly	1	A,*1
-31	191-53355-35	. LINE ASSY, P2 camera window defrost station 84.5 to station 92.95	1	A,B,*1
-32	AN833-8D	. ELBOW	1	A,B,*1

*1 For continuation of details used on 191-53375-20, refer to figure 390. Also used on airplanes reworked per T.O. 1F-86-523.

USEABLE ON CODE:
A 52-4905 thru 52-5063.
B 52-5387 thru 52-5506
C 51-2850 thru 51-2943,
51-12936 thru 51-12976
51-13070 thru 51-13109
D 51-13110 thru 51-13510
52-4305 thru 52-4704
52-5272 thru 52-5294

FUSELAGE HEAT AND VENT (Cont)

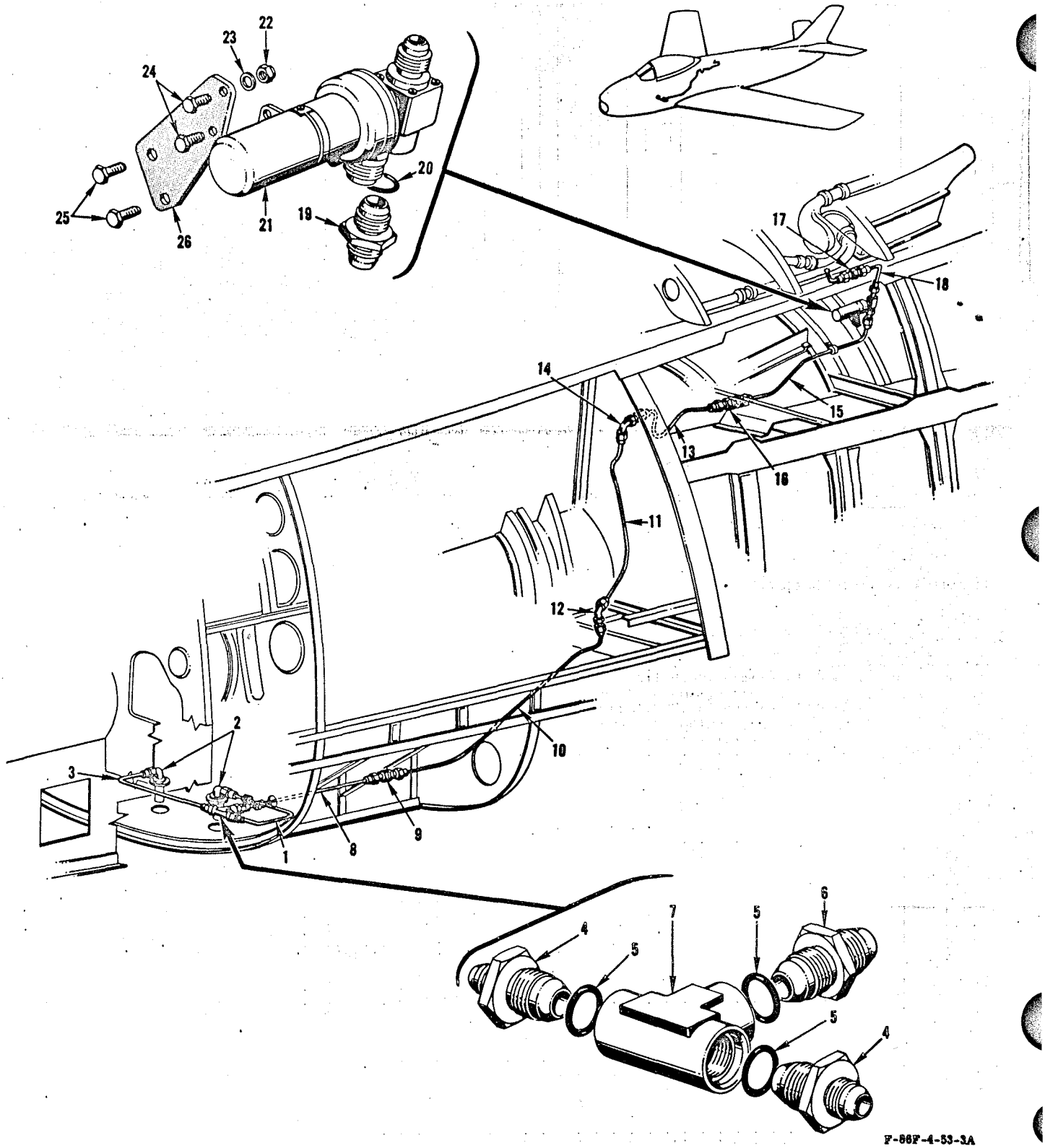


FIGURE 390 - P2 CAMERA WINDOW DEFROST HEAT AND VENT SYSTEM

FUSELAGE HEAT AND VENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
390	191-53375-10		HEAT AND VENT SYSTEM EQUIPMENT INSTL, P2 camera window defrost (see figure 377 for next assembly)	NP	A
	191-53375-20	#1	HEAT AND VENT SYSTEM EQUIPMENT INSTL, P2 camera window defrost (see figure 377 for next assembly)	NP	B
-1	191-53355-39	.	LINE ASSY, P2 camera window defrost station 92.95 to station 97 LH side	1	A,B
-2	AN924-6D	.	NUT	2	A,B
	2W18-916	.	WASHER, Plain (North American)	2	A,B
	AN833-6D	.	ELBOW	2	A,B
	AN929-6	.	CAP ASSY	2	A,B
-3	191-53355-43	.	LINE ASSY, P2 camera window defrost station 92.95 to station 97 RH side.	1	A,B
	227-53315	.	CAP, Defrost line P2 camera window	2	A
-4	AN919-12D	.	REDUCER	2	A,B
-5	AN6290-8	.	GASKET	3	A,B
-6	AN815-8	.	UNION	1	A,B
-7	AN926-8D	.	TEE	1	A,B
-8	191-53355-71	.	LINE ASSY, P2 camera window defrost sta 109 to sta 96	1	A,B
-9	AN924-8D	.	NUT	1	A,B
	2W18-1216	.	WASHER, Plain (North American)	1	A,B
	AN832-8D	.	UNION	1	A,B
-10	191-53355-67	.	LINE ASSY, P2 camera window defrost sta 118.5 to station 109.	1	A,B
-11	191-53355-79	.	LINE ASSY, P2 camera window defrost canted sta 126.419 to station 118.5	1	E
	191-53355-95	.	LINE ASSY, P2 camera window defrost canted sta 126.419 to station 118.5	1	F,G
-12	AN924-8D	.	NUT	1	A
	2W18-1216	.	WASHER, Plain (North American)	1	A
	AN837-8D	.	ELBOW	1	A
-13	191-53355-11	.	LINE ASSY, P2 camera window defrost station 143.875 to canted station 126.413	1	A,B
-14	AN924-8D	.	NUT	1	A,B
	2W18-1216	.	WASHER, Plain (North American)	1	A,B
	AN833-8D	.	ELBOW	1	A,B
-15	191-53355-87	.	LINE ASSY, P2 strike camera window defrost shut-off valve to station 143.875 shelf support	1	E,F
	191-53355-99	.	LINE ASSY, P2 strike camera window defrost shut-off valve to station 143.875 shelf support	1	G
	191-53355-103	.	LINE ASSY, P2 strike camera window defrost shut-off valve to station 143.875 shelf support	1	D
-16	AN924-8D	.	NUT	1	A,B
	2W18-1216	.	WASHER, Plain (North American)	1	A,B
	AN832-8D	.	UNION	1	A,B
-17	AN815-8D	.	UNION	1	A,B
-18	191-53355-83	.	LINE ASSY, P2 camera window defrost shut-off valve to 172-53407 duct assembly	1	A,B
-19	AN815-8D	.	UNION	1	A,B
-20	AN6290-8	.	GASKET	1	A,B
-21	46004	.	VALVE ASSY, Motor operated (Koehler).	1	A,B
	ATTACHING PARTS				
-22	AN365-1032	.	NUT	4	A,B
-23	2W18-10	.	WASHER, Plain (North American)	4	A,B
-24	AN3-4A	.	BOLT	2	A,B
-25	AN3-5A	.	BOLT	2	A,B
-26	191-53354	.	BRACKET, Heat and vent system P2 camera valve support	1	C
	227-53314	.	BRACKET, Heat and vent system P2 camera valve support	2	D

---*---

*1 For continuation of details used on 191-53375-20 refer to figure 389.

USEABLE ON CODE:
A 52-5064 thru 52-5271, 52-5507 thru 52-5530, 53-1072 thru 53-1228, 55-3816 & subs
B 52-5387 thru 52-5506
C 52-5064 thru 52-5271, 52-5507 thru 52-5530, 53-1072 thru 53-1228, 55-3816 thru 55-4030
D 55-4983 and subs
E 52-5507 thru 52-5530, 52-5064 thru 52-5272, 53-1072 thru 53-1228
F 55-3816 thru 55-3830
G 55-3831 and subs

FUSELAGE HEAT AND VENT (Cont)

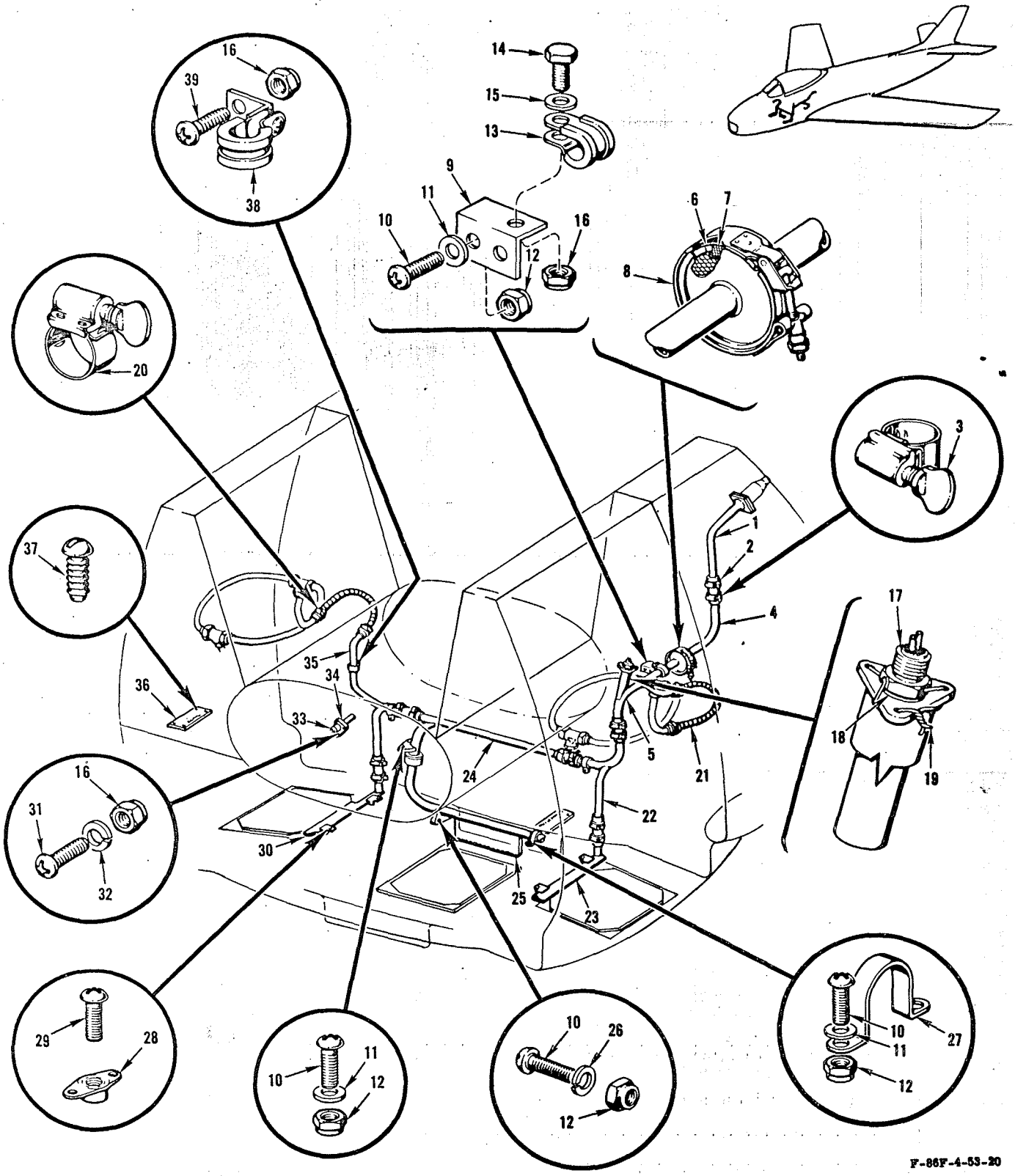


FIGURE 391 - HEATING SYSTEM

FUSELAGE HEAT AND VENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
391	54FEK2075	*1	Heating System Installation, K22, K17	NP	
-1	54FEB468		. Duct, Flanged, Heating System	1	
	54FEA477		. . Flange, Duct, Heating System	1	
-2	54FEA472		. Hose, Connecting, Heating System	6	
-3	AN737TW46		. Clamp	12	
-4	55FEB549		. Duct, Expanding, Heating System	1	
-5	55FEC550		. Duct, Reducing, Heating System	1	
	55FEA251		. . Bushing, Thermoswitch	1	
-6	55FEB548		. Screen, Filter	2	
-7	Type ECCC11A		. Tape, Textile, (Owens-Corning Fiber Glass Co)	1	
-8	21834-2937		. Clamp, Coupling, (Marman)	1	
-9	54FEA473		. Angle, Support, Heating System	1	
-10	AN515-8R6		. Screw	8	
-11	AN960-8		. Washer	6	
-12	AN365-832		. Nut	8	
-13	AN742D18C		. Clamp	3	
-14	AN3-3A		. Bolt	3	
-15	AN960-10		. Washer	3	
-16	AN365-1032		. Nut	7	
-17	3Z9695-2.30		. Switch, Thermostatic, (Signal Corps)	1	
-18	AN900-13		. Gasket	1	
-19	AN995A31-6		. Lock Wire	2	
-20	AN737TW26		. Clamp	4	
-21	54FEB2066		. Duct, Flexible, Heating System	2	
	54FEA2067		. . Coil, Flexible Duct	2	
-22	54FEB467		. Duct, LH, Heating System	1	
	54FEA476		. . Orifice, Duct, LH Heating System	1	
-23	55FED353L		. Nozzle, Heating System, K22 LH	1	
-24	54FEC466		. Duct, Center, Heating System	1	
	54FEA474		. . Gasket, Duct, Heating System	1	
	54FEA475		. . Orifice, Duct, Center, Heating System	1	
-25	55FED464		. Nozzle, K17, Heating System	1	
-26	AN935-8		. Washer	2	
-27	750-16		. Clip, (Adel Precision Inc.)	1	
-28	AN366F1032		. Nut, Plate	4	
-29	AN520-10-7		. Screw	4	
-30	55FED353R		. Nozzle, Heating System, K22 RH	1	
-31	AN520-10R10		. Screw	3	
-32	AN935-10		. Washer	3	
-33	17320-20		. Switch, Thermostatic, (Fenwal)	1	
-34	54FEA471		. Spacer, Thermoswitch, Heating System	1	
-35	54FEC2065		. Duct, RH Heating System	1	
-36	55FEB547		. Placard, Heating System	2	
-37	AN530-4-4		. Screw	8	
-38	791-2-8		. Clip, Loop Type, (Adel)	1	
-39	AN520-10-6		. Screw	2	

*1 Used on RF-86F-30 airplanes only

FUSELAGE HEAT AND VENT (Cont)

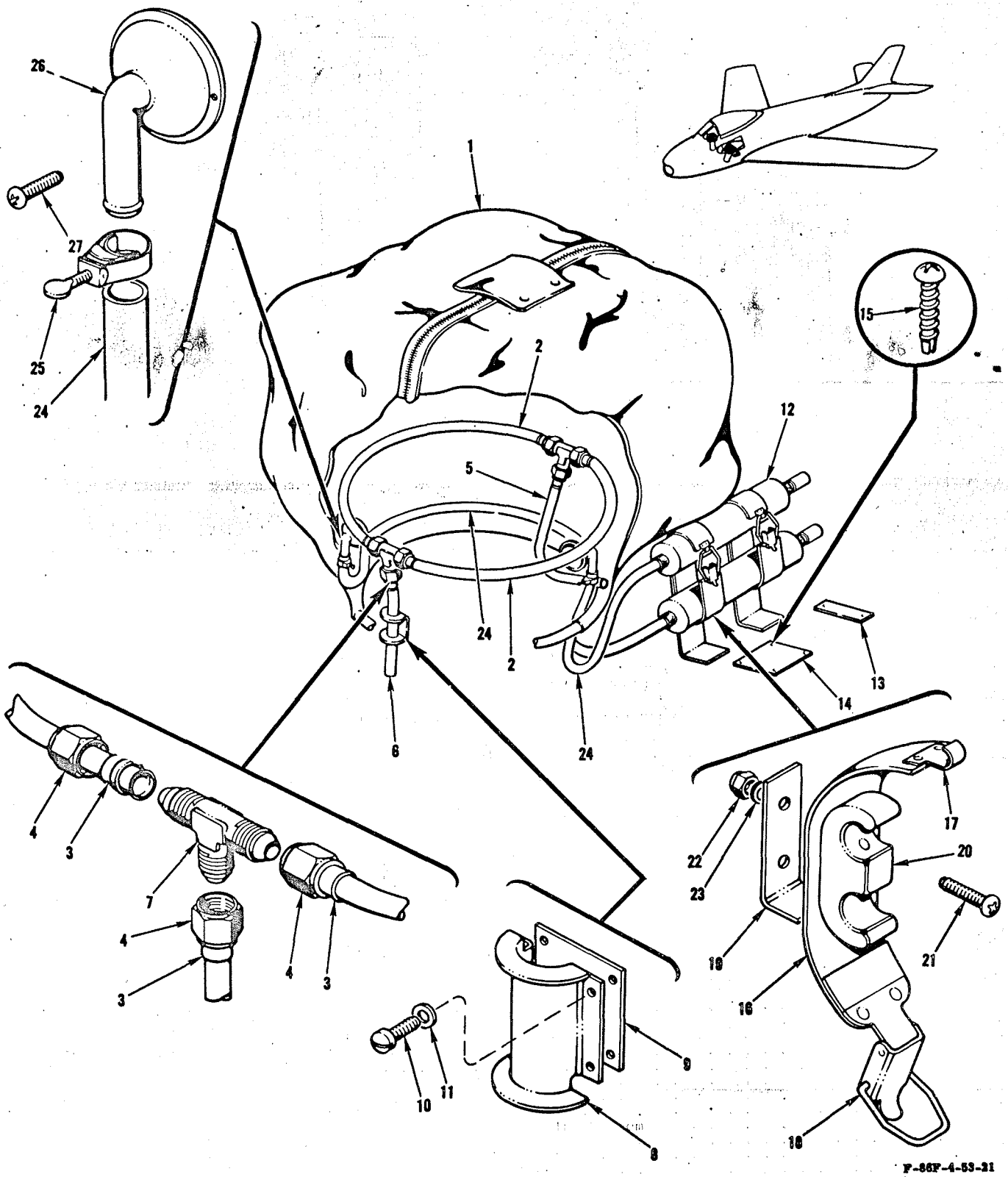


FIGURE 392 - HEATER JACKET AND DEHYDRATOR INSTALLATION

FUSELAGE HEAT AND VENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
392	54FEJ2077	*1	Heater Jacket Installation	NP	
-1	54FED2078		. Cover Assy., Heater Jacket	2	
	54FEC2079L		. Nozzle Assy, Heater Jacket LH	1	
	54FEC2079R		. Nozzle Assy, Heater Jacket RH	1	
-2	54FEC2080		. . Nozzle Tube, Heater Jacket	4	
-3	AN819-8D		. . . Sleeve	4	
-4	AN818-8D		. . . Nut	4	
-5	54FEB2081L		. . Jacket Tube, Heater, Long	1	
	54FEB2081R		. . Jacket Tube, Heater,LLong	1	
-6	54FEB2082		. . Jacket Tube, Heater, Short	2	
-7	AN824-8D		. . Tee	4	
-8	54FEA2083		. Clamp, Heater Jacket	4	
-9	No Number		. . Asbestos Sheet 1/32 Thk	4	
-10	AN501A10-8		. Screw	16	
-11	AN960-10L		. Washer	16	
	54FEK2060		. Dehydrator Installation	Ref	
-12	2Z3602-8		. . Dehydrator, (Signal Corps)	4	
-13	54FEA1684		. . Panel, Instruction	2	
	AN530-4-4		. . Screw	4	
-14	55FEA455		. . Placard, Dehydrator	2	
-15	AN530-4-4		. . Screw	14	
-16	55FEB644		. . Binding Clamp, Dehydrator, K22	4	
-17	15794B1		. . . Hook, (Corbin Hardware Co.)	4	
-18	15794B2		. . . Catch, (Corbin Hardware Co)	4	
-19	54FEB2061		. . Support, Dehydrator, K22	4	
-20	55FEB645		. . Block, Clamp, Dehydrator, K22	4	
-21	AN520-416-14		. . Screw	8	
-22	AN365-428		. . Nut	8	
-23	AN960-416		. . Washer	8	
-24	No Number		. . Tubing, Rubber, 5/16 ID, 3/32 THK., 3ft. Long, Grade A (Spec ZZ-T-831)	4	
-25	GTI		. . Clamp, Hose, (Wittek Mfg. Co.)	4	
-26	54FEB2062		. . Adapter, Dust Trap, 40 In Cone	4	
-27	AN520-4-8		. . Screw	8	

*1 Used on RF-86F-30 airplanes only

FUSELAGE HEAT AND VENT (Cont)

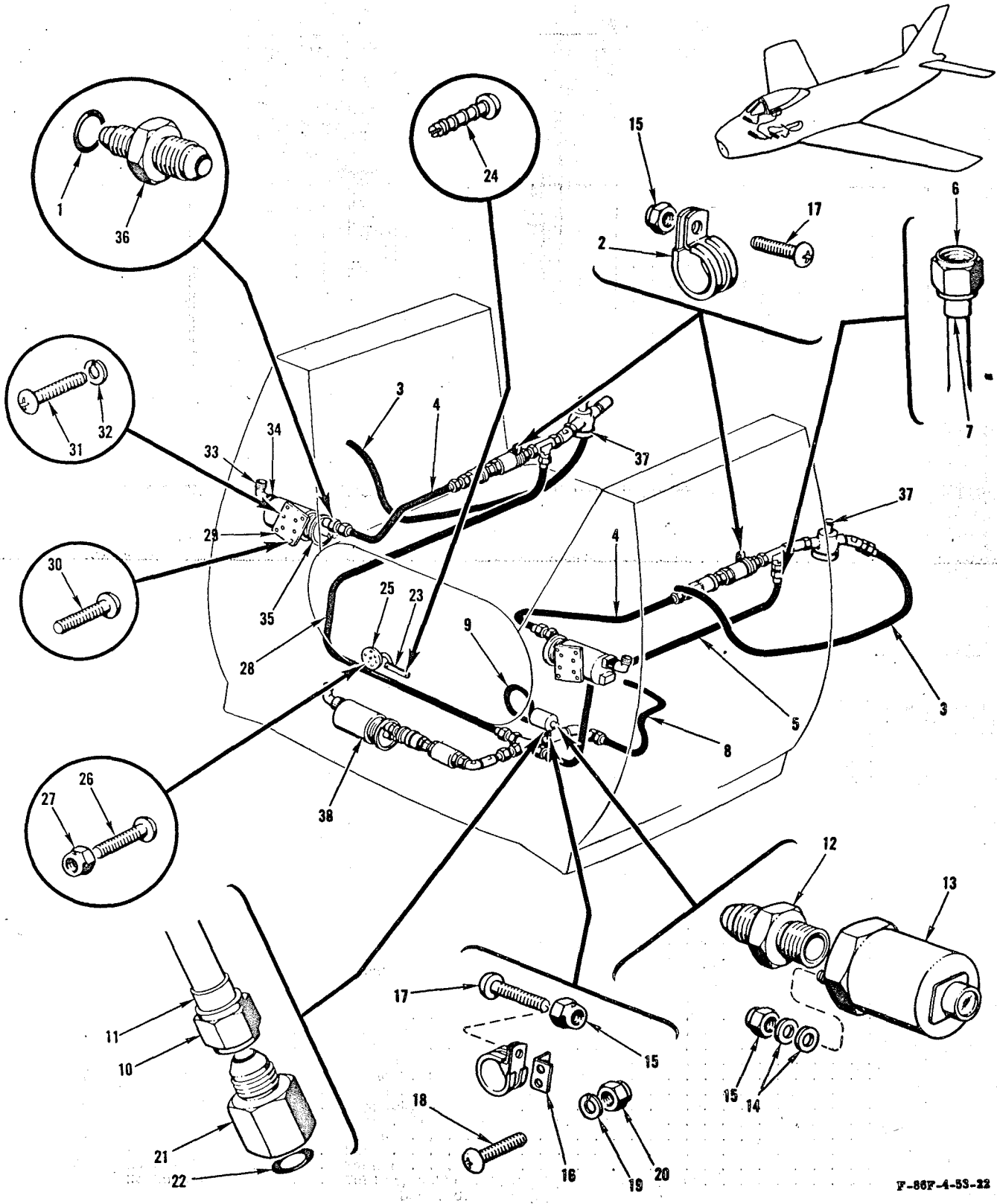
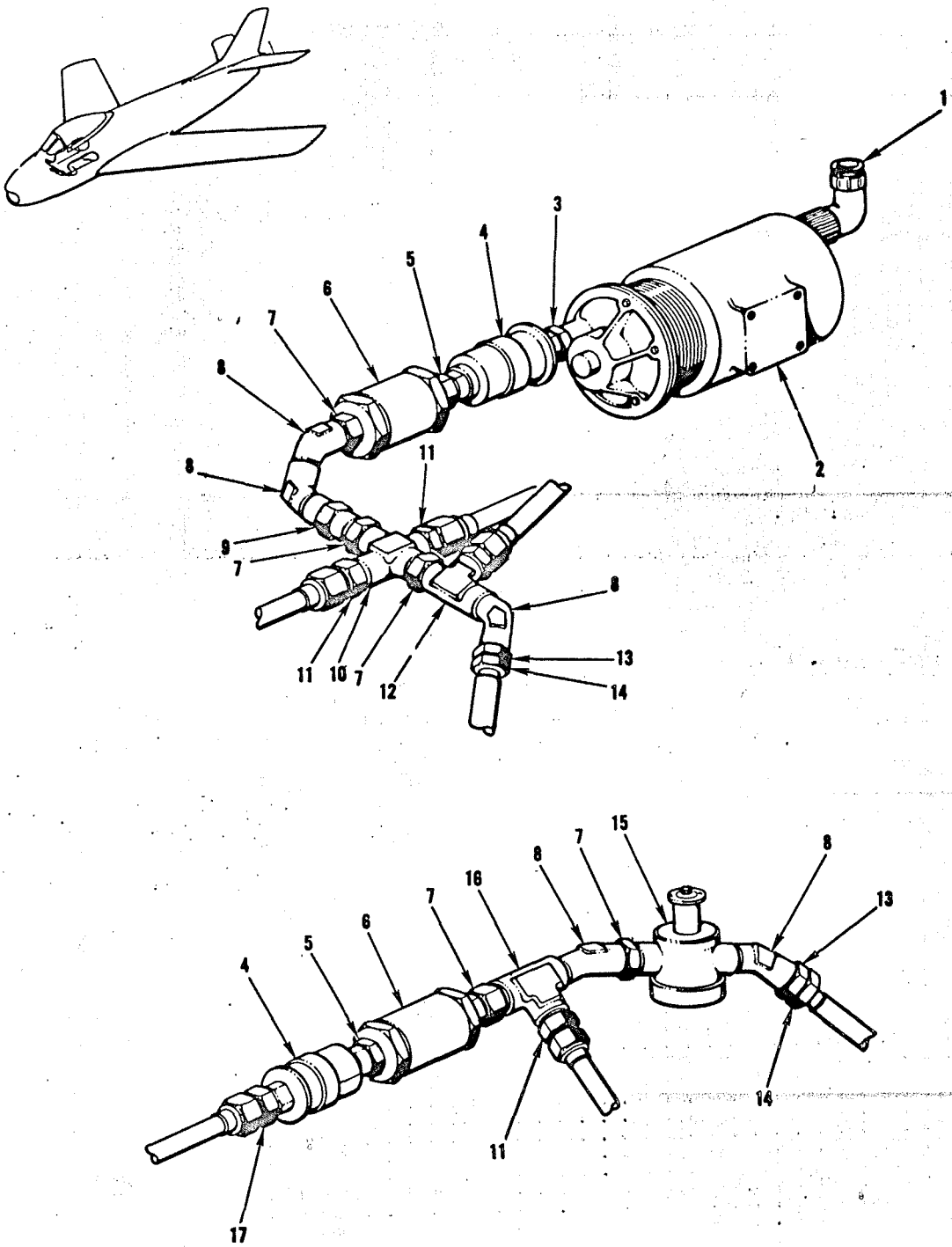


FIGURE 393 - VACUUM SYSTEM INSTALLATION

FUSELAGE HEAT AND VENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
393	54FEK286	*1	Vacuum System Installation	NP	
-1	AN6290-6		. Gasket	2	
-2	AN742D34C		. Clamp	2	
-3	No Number		. Tubing, Rubber, 1/4 ID X 1/8 Wall X 50 Long (Spec ZZ-T-831)		
-4	54FEC288		. Tubing Assy, Longitudinal, Vacuum System	2	
-5	54FEC289		. Tubing Assy, By Pass, LH, Vacuum System	1	
-6	AN818-8D		. . Nut	6	
-7	AN819-8Z		. . Sleeve	6	
-8	No Number		. Tubing, Rubber, 1/4 ID X 1/8 Wall X 32 Long (Spec ZZ-T-831)	1	
-9	55FEB639		. Tube Assembly, Vacuum Warning	1	
-10	AN818-4D		. . Nut	2	
-11	AN819-4Z		. . Sleeve	2	
-12	AN816-4D		. Nipple	1	
-13	3124-1-A		. Vacuum Warning Unit, (Bendix)	1	
-14	AN960-10		. Washer	4	
-15	AN365-1032		. Nut	5	
-16	770-16		. Clip, Integral, (Adel)	1	
-17	AN520-10-6		. Screw	3	
-18	AN515-5-4		. Screw	2	
-19	AN935-5		. Washer	2	
-20	AN340-5		. Nut	2	
-21	AN894D8-4		. Bushing	1	
-22	AN6290-8		. Gasket	1	
-23	54FEA1684		. Panel, Instruction	1	
-24	AN530-4-4		. Screw	2	
-25	AN803-4		. Connection	1	
-26	AN520-416-10		. Screw	6	
-27	AN365-428		. Nut	6	
-28	54FEC290		. Tubing Assy, By Pass, RH, Vacuum System	1	
-29	54FEB287		. Plate, Mounting, Vacuum Pump	2	
-30	AN520-10-8		. Screw	8	
-31	AN515-416-8		. Screw	12	
-32	AN935-416		. Washer	12	
-33	AN3057-8A		. Adapter, Electrical Accessory To Cable	2	
-34	AN3108-16-11S		. Connector, Electrical Plug, Angle 90°	2	
-35	1511-1C		. Pump Assy, Vacuum, Elec Motor Driven (Bendix)	2	
-36	AN919-12D		. Reducer	2	
-37	See Figure 30 For This Equipment			Ref	

*1 Used on RF-86F-30 airplanes only



F-86F-4-53-23

FIGURE 394 - VACUUM REGULATOR

FUSELAGE HEAT AND VENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
394	54FEK286	*1	Vacuum System Installation	NP	
-1	AN3057-8A		. Adapter, Elec, Accessory to Cable	1	
	AN3108-16-11S		. Connector, Elec, Plug, Angle 90°	1	
-2	1511-1C		. Pump Assy, Vacuum, Elec Motor Driven, (Bendix)	1	
-3	AN815-6D		. Union	1	
	AN6290-6		. Gasket	2	
-4	31521		. Filter Assy, Type PR362, (Purolator)	3	
-5	AN816-6-6D		. Nipple	3	
	AN6290-6		. Gasket	3	
-6	AN5830-3		. Valve	3	
-7	AN911-3D		. Nipple	7	
-8	AN915-3D		. Elbow	7	
-9	AN910-3D		. Coupling	1	
-10	AN918-3D		. Cross	1	
-11	AN816-8D		. Nipple	4	
-12	8MMTD		. Tee, (Parker Appliance Co.)	1	
-13	AN912-3D		. Bushing	3	
-14	B211-322		. Connector, Hose, (Fairchild Camera & Instr)	3	
-15	691-11A		. Valve Assy, Vacuum Relief, (Bendix)	2	
-16	AN917-3D		. Tee	2	
-17	AN919-12D		. Reducer	2	
	AN6290-6		. Gasket	2	

*1 Used on RF-86F-30 airplanes only

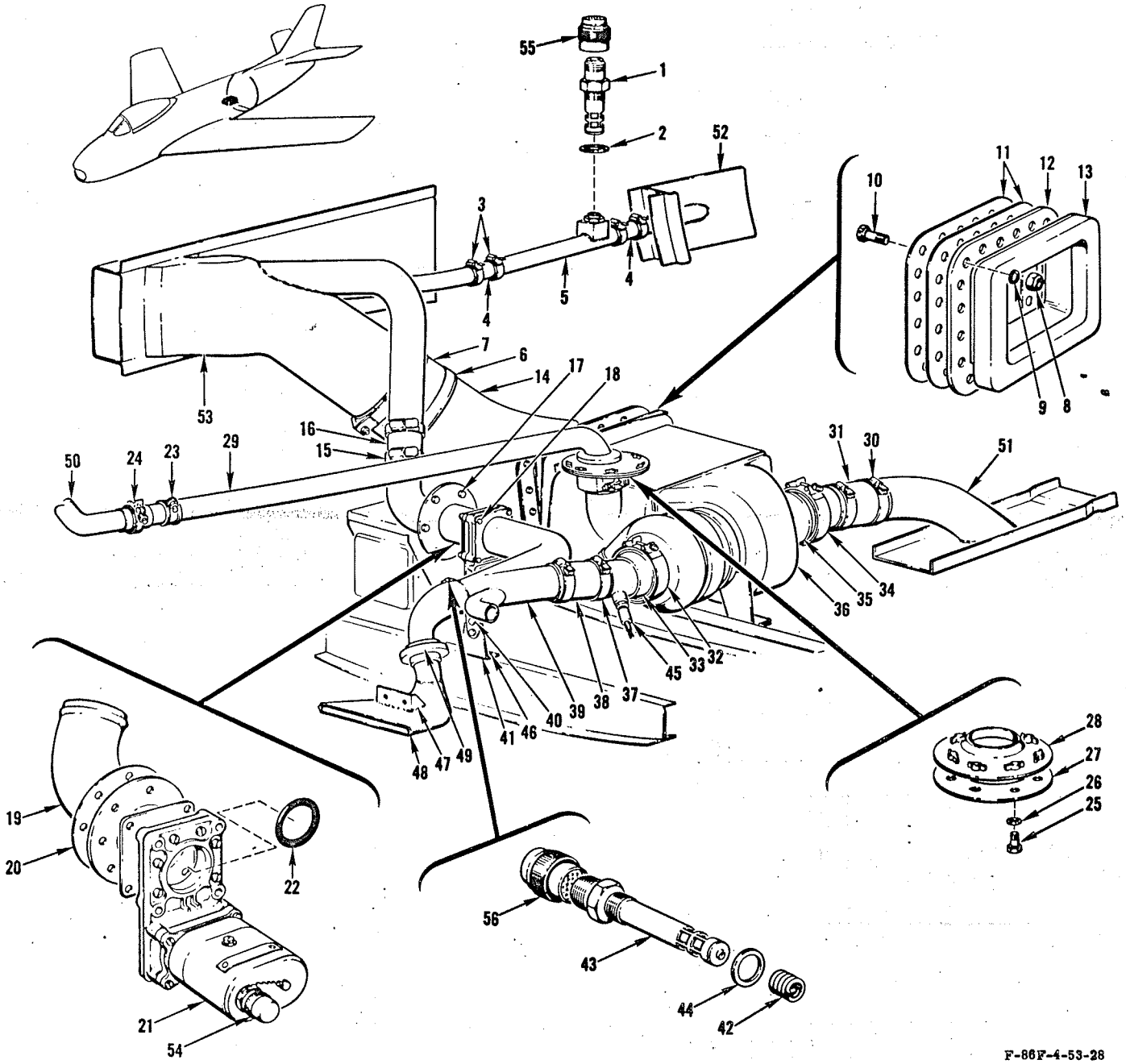


FIGURE 394A - AN/ARN21 TACAN COOLING SYSTEM EQUIPMENT INSTALLATION (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
394A	202-050017	*1	COOLING SYSTEM EQUIPMENT INSTL, AN/ARN 21 TACAN (modification)	NP	
-1	914-1	.	DETECTOR ASSY, Ram air cooling effect	1	
-2	2W1AL40-28-93	.	WASHER, (North American)	1	
-3	AN737TW46	.	CLAMP	4	
	5S6	.	STRIP, Bonding hose connection (North American)	4	
-4	4D2-16-14	.	CONNECTOR, (North American)	2	
-5	202-53357	.	DUCT, Heat & vent sys ram air cooling intake by-pass, assy of	1	
-6	365-62-462SH	.	CLAMP, (Marman)	2	
	5S6	.	STRIP, Bonding hose connection (North American)	2	
-7	4D2-16-14	.	CONNECTOR, (North American)	1	
-8	AN365-1032	.	NUT	22	

FUSELAGE HEAT AND VENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
394A-9	2W18-10	.	WASHER, (North American)	22	
-10	AN3-6A	.	BOLT	22	
-11	202-533076	.	GASKET, Ram air cooling intake scoop	2	
-12	202-533096	.	CONNECTOR, Ram air cooling intake scoop, assy of	1	
-13	LASR4468	.	. SEAL, (Los Angeles Standard Rubber Co.)	1	
-14	202-53383	.	ADAPTER, Heat & vent system ram air cooling intake, assy of	1	
-15	AN737TW82	.	CLAMP	2	
	5S6	.	STRIP, (North American)	2	
-16	4D2-32-14	.	CONNECTOR, (North American)	2	
-17	AN3-6A	.	BOLT	6	
	2W18-10	.	WASHER, (North American)	AR	
	AN365-1032	.	NUT	6	
-18	AN3-16A	.	BOLT	4	
	2W18-416	.	WASHER, (North American)	4	
	NAS679A4	.	NUT	4	
-19	202-533095	.	DUCT, Cooling air intake aft radio compartment, assy of	1	
-20	202-53387	.	GASKET, Cooling air duct aft radio compartment heat & vent system	2	
-21	2020-21	.	VALVE, (Transco Products)	1	
-22	MS29513-138	.	PACKING	1	
-23	TA1720SS20AT	.	CLAMP, (Thomas Associates)	1	
	AN520-10R8	.	SCREW	1	
	2W18-10	.	WASHER, (North American)	1	
	NAS679A3	.	NUT	1	
-24	43688-125	.	CLAMP, (Marman)	1	
	5R13-15	.	RING, Heat & vent sealing (North American)	1	
-25	AN3-6A	.	BOLT	8	
-26	2W18-10	.	WASHER, (North American)	8	
-27	202-533090	.	SEAL, Air duct upper turbine	1	
-28	202-533077	.	FLANGE, Seal air duct turbine, assy of	1	
-29	202-53376	.	DUCT, Heat & vent sys refrigeration unit to engine connecting, assy of	1	
-30	AN737TW98	.	CLAMP	2	
	5S6	.	STRIP, (North American)	2	
-31	4D2-40-14	.	CONNECTOR, (North American)	1	
-32	4365-331S	.	CLAMP, (Marman)	1	
-33	202-53380	.	ADAPTER, Heat & vent sys aft radio compartment cooling air duct, assy of	1	
	AN6230-9	.	GASKET	1	
-34	4365-331S	.	CLAMP, (Marman)	1	
-35	202-53381	.	ADAPTER, Heat & vent sys heat exchanger cooling air outlet, assy of	1	
	AN6230-9	.	GASKET	1	
-36	545995	.	REFRIGERATION UNIT, (Hamilton Standard)	1	
	ATTACHING PARTS				
	AN4-6A	.	BOLT	3	
	AN4-5A	.	BOLT	1	
	2W18-416	.	WASHER, (North American)	4	
	---*---				
-37	AN737TW82	.	CLAMP	2	
	5S6	.	STRIP, Bonding hose connection (North American)	2	
-38	4D2-32-14	.	CONNECTOR, (North American)	1	
-39	202-53363-51	.	DUCT, Cooling air aft radio compartment, assy of	1	
-40	AN3-3A	.	. BOLT	2	
	2W18-10	.	. WASHER, (North American)	2	
	AN365-1032	.	. NUT	2	
-41	202-53363-23	.	. SUPPORT, Cooling air aft radio compartment duct	1	
	202-53363-41	.	. DUCT SUB-ASSY, Cooling air aft radio compartment	1	
-42	1191-10CNX5/8	.	. . INSERT, (Heli-coil)	1	
-43	915-1	.	DETECTOR ASSY, Overheat cooling effect	1	
-44	2W1AL40-28-93	.	WASHER, (North American)	1	
-45	67121-26-170	.	THERMOSWITCH, (Fenwal)	1	
	AN900-6	.	GASKET	1	
-46	AN3-4A	.	BOLT	2	
	2W18-10	.	WASHER, (North American)	2	
-47	AN3-3A	.	BOLT	2	
	2W18-10	.	WASHER, (North American)	2	
	AN365-1032	.	NUT	2	
-48	202-53364	.	DUCT, Heat & vent sys RT220/ARN21 receiver transmitter cooling air, assy of	1	
-49	202-53369	.	SEAL, Heat & vent sys RT220/ARN21 receiver transmitter cooling air disconnect	1	
-50	202-953349		DUCT, Heat & vent turbine air, assy of (see figure 433)	Ref	
-51	202-53375		DUCT, Heat & vent sys heat exchanger cooling air outlet, assy of (see figure 160)	Ref	
-52	202-53368		SCOOP, Heat & vent sys ram air intake bleed, assy of (see figure 106)	Ref	
-53	202-53356		SCOOP, Heat & vent sys ram air cooling intake, assy of (see figure 159)	Ref	
-54	MS25183-10SL3S		CONNECTOR, (Ram air valve) (see figure 494C)	Ref	
-55	AN3106E14S2S		CONNECTOR, (Ram air sensing element) (see figure 340C)	Ref	
-56	AN3106E14S2S		CONNECTOR, (Sensing element) (see figure 340C)	Ref	

*1 Modified per T.O. 1F-86F-532.

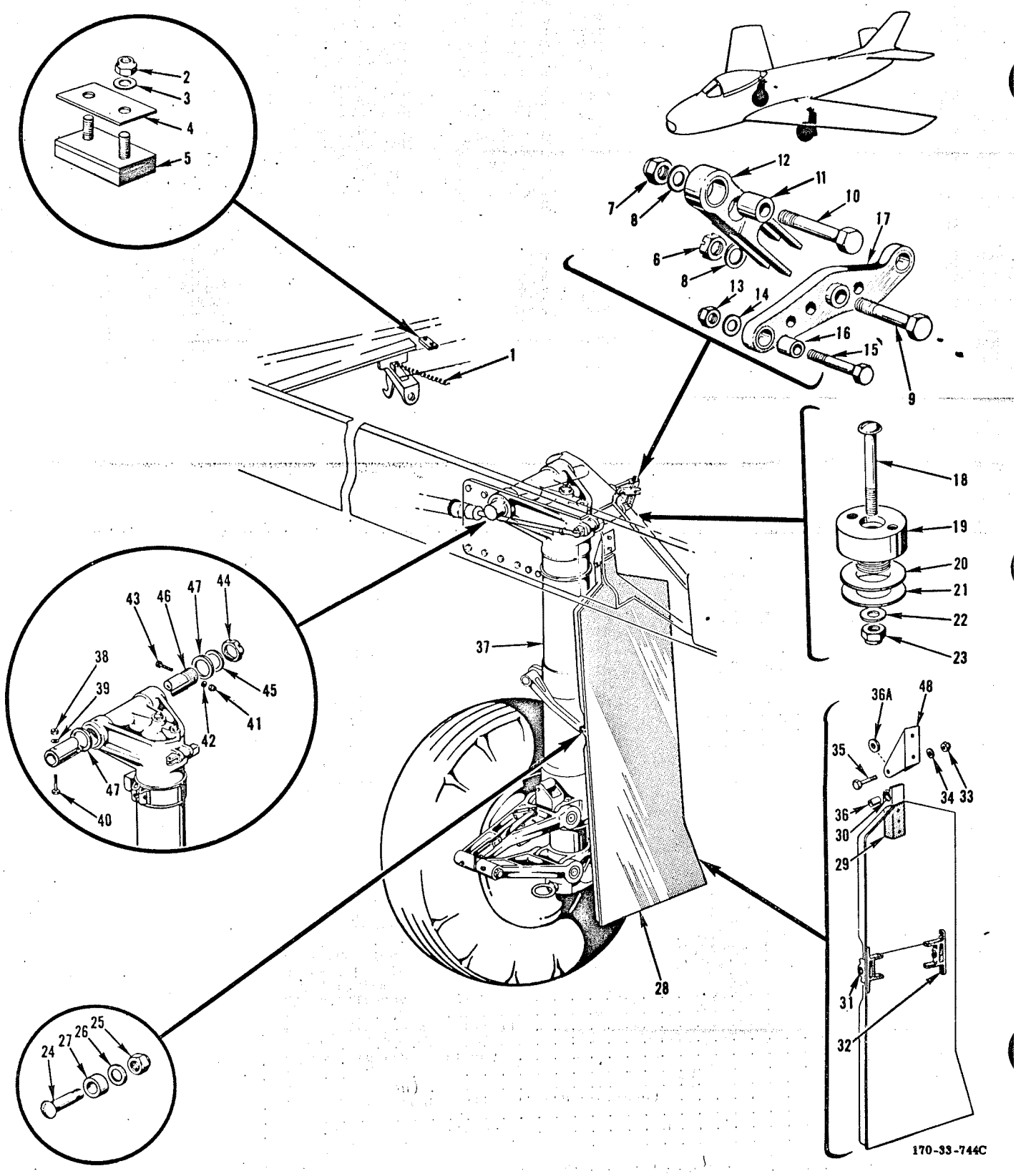


FIGURE 395 - MAIN LANDING GEAR

ALIGHTING GEAR

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
395	151-33001-1		LANDING GEAR INSTL, Main LH	NP	
	151-33001-2		LANDING GEAR INSTL, Main RH	NP	
	No Number		. MAIN LANDING GEAR WHEEL DOOR MECHANISM LH AND RH, (see figures 398 and 399 for breakdown)	NP	
-1	151-33515		. SPRING, Main landing gear uplock latch	1	
-2	AN365-1032		. NUT	2	
-3	AN960-10		. WASHER	2	
-4	140-33513		. SHIM, Main landing gear uplock stop	AR	
-5	140-33512-1		. STOP ASSY, Main landing gear uplock actuating RH	1	
	140-33512-2		. STOP ASSY, Main landing gear uplock actuating LH	1	
-6	AN320-5		. NUT	1	
-7	AN365-524		. NUT	1	
-8	AN960-516		. WASHER	2	
-9	AN5-12		. BOLT	1	
-10	AN5-14A		. BOLT	1	
-11	NAS72-5-010		. BUSHING, Clamp-up steel chrome plated	1	
-12	140-33152		. ARM ASSY, Main LG downlock actuating bellcrank support	1	
	4B16CP8-19		. . BUSHING, Sintered oil impregnated (North American)	1	
-13	AN320-3		. NUT	1	
-14	AN960-10		. WASHER	1	
-15	AN3-10		. BOLT	1	
-16	NAS72-3-005		. BUSHING, Clamp-up steel chrome plated	1	
-17	140-33151		. BELLCRANK ASSY, Main landing gear downlock actuating	1	
	4B16CP6-9		. . BUSHING, Sintered oil impregnated (North American)	2	
	NAS76A5-024		. . BUSHING, Plain press-fit bronze	1	
-18	AN23-36A		. BOLT	1	
-19	140-33127		. STOP, Main landing gear trunnion	1	
-20	140-33128-3		. SHIM, Main landing gear trunnion stop	AR	
-21	140-33128-4		. SHIM, Main landing gear trunnion stop	AR	
-22	AN960-10		. WASHER	1	
-23	AN365-1032		. NUT	1	
-24	AN23-12		. BOLT	2	
-25	AN320-3		. NUT	2	
-26	AN960-10		. WASHER	2	
-27	140-33362		. SPACER, Main landing gear strut door link	2	
-28	140-33351-1		. DOOR ASSEMBLY, Main landing gear strut LH	1	
	140-33351-2		. DOOR ASSEMBLY, Main landing gear strut RH	1	
-29	140-33353-1		. . HINGE ASSEMBLY, Main landing gear strut door LH	1	
	140-33353-2		. . HINGE ASSEMBLY, Main landing gear strut door RH	1	
-30	4B16CF7-12		. . . BUSHING, Sintered oil impregnated (North American)	2	
-31	140-33357-1		. . FITTING ASSY, Main landing gear strut door actuating link forward LH	1	
	140-33357-2		. . FITTING ASSY, Main LG strut door actuating link fwd RH	1	
	4B16RP6-8		. . . BUSHING, Sintered oil impregnated (North American)	1	
-32	140-33358-1		. . FITTING ASSY, Main LG strut door actuating link aft LH	1	
	140-33358-2		. . FITTING ASSY, Main LG strut door actuating link aft RH	1	
	4B16RP6-8		. . . BUSHING, Sintered oil impregnated (North American)	1	
-33	AN365-428		. NUT	1	
-34	AN960-416		. WASHER	1	
-35	AN4-20A	*1	. BOLT	1	
-36	NAS72-4-105	*1	. BUSHING, Clamp-up steel chrome plated	1	
-36A	2W1AL29-24-20		. WASHER, Plain (North American)	AR	
-37	151-33101-31		. CHASSIS ASSY, Main LG LH (see fig. 415 for breakdown)	1	A
	151-33101-32		. CHASSIS ASSY, Main LG RH (see fig. 415 for breakdown)	1	A
	151-33101-21		. CHASSIS ASSY, Main LG LH (see fig. 415 for breakdown)	1	B
	151-33101-22		. CHASSIS ASSY, Main LG RH (see fig. 415 for breakdown)	1	B
	151-33101-41		. CHASSIS ASSY, Main LG LH (see fig. 415 for breakdown)	1	C
	151-33101-42		. CHASSIS ASSY, Main LG RH (see fig. 415 for breakdown)	1	C
	ATTACHING PARTS				
-38	AN365-624		. NUT	1	A,B
	AN365-720		. NUT	1	C
-39	NAS143-6C		. WASHER, X4130 or equiv. 125,000 to 145,000 psi countersunk	1	A,B
	NAS143-7C		. WASHER, X4130 or equiv. 125,000 to 145,000 psi countersunk	1	C
	NAS143-7		. WASHER, X4130 or equiv. 125,000 to 145,000 psi plain	2	C
-40	NAS146-52		. BOLT, Internal wrenching steel 3/8-24	1	A,B
	EWB18-7-40		. BOLT, Standard pressed steel (use aircraft bolt 12ABC180-7-42 or North American bolt 5B24-7-40 until exh)	1	C
-41	AN365-1032		. NUT	1	
-42	AN960-10		. WASHER	1	
-43	AN3-27A		. BOLT	1	
-44	140-33126		. NUT, Main landing gear trunnion	1	
-45	2W1-106-80-125		. WASHER, Plain (North American)	1	
-46	140-33125-5		. PIN, Main landing gear trunnion	1	A,B
	140-33125-9		. PIN, Main landing gear trunnion	1	C
-47	2W1C114-76-10		. WASHER, Plain (North American)	AR	
			---*---		
-48	151-33354-3	*1	BRACKET, Main landing gear strut door hinge LH (see fig. 30)	Ref	

*1 AN4-20A bolt & NAS72-4-105 spacer together with 151-33354-3 & -4 bracket intrch wth AN4-15A bolt & NAS72-4-015 spacer together wth 151-33354-1 & -2 bracket. (Use AN4-15A & NAS72-4-015 together wth 151-33354-1 & -2 until exh)

USEABLE ON CODE: A 51-2850 thru 51-2927
B 51-2928 thru 51-13169
C 51-13170 and subs

ALIGHTING GEAR (Cont)

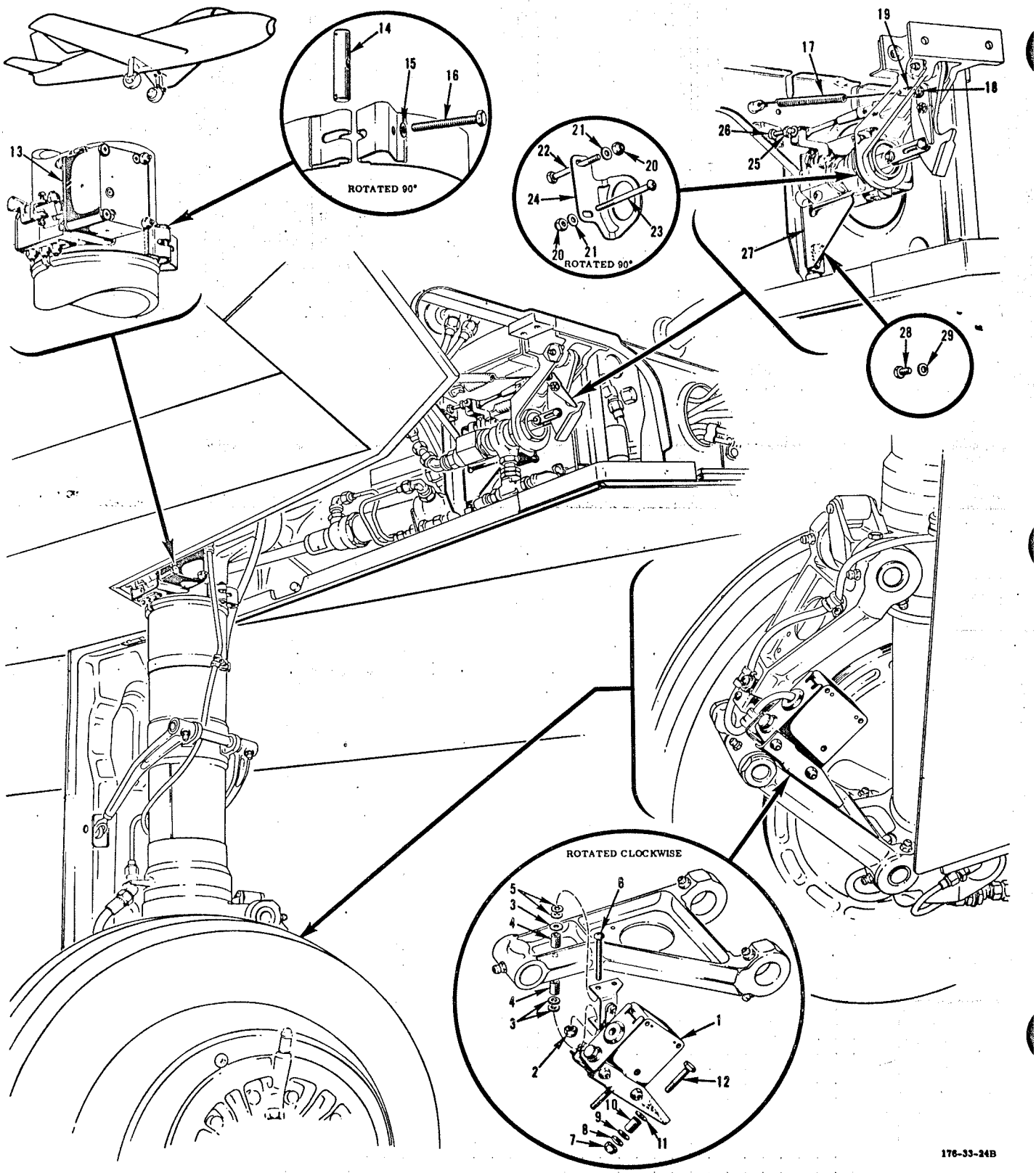


FIGURE 396 - MAIN ALIGHTING GEAR INDICATING AND SEQUENCING MECHANISM

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
396	176-33801-1	MECHANISM INSTL, Main alighting gear indicating and sequencing LH	NP	A
	176-33801-2	MECHANISM INSTL, Main alighting gear indicating and sequencing RH	NP	A
	176-33801-11	MECHANISM INSTL, Main alighting gear indicating and sequencing LH	NP	B,*1
	176-33801-12	MECHANISM INSTL, Main alighting gear indicating and sequencing RH	NP	B,*1
	176-33801-21	MECHANISM INSTL, Main alighting gear indicating and sequencing LH	NP	C
	176-33801-22	MECHANISM INSTL, Main alighting gear indicating and sequencing RH	NP	C
	No Number	. MAIN ALIGHTING GEAR WHEEL DOOR OPEN AND CLOSED SEQUENCING MECHANISM, (see figure 397 for breakdown)	NP	*1
-1	176-33831-1	. MECHANISM ASSY, Main alighting gear ground safety LH (see figure 409 for breakdown)	1	D,*1
	176-33831-2	. MECHANISM ASSY, Main alighting gear ground safety RH (see figure 409 for breakdown)	1	D,*1
	176-33831-21	. MECHANISM ASSY, Main alighting gear ground safety LH (use 176-33831-11 until exh)	1	E
	176-33831-22	. MECHANISM ASSY, Main alighting gear ground safety RH (use 176-33831-12 until exh)	1	E
		ATTACHING PARTS		
-2	AN365-1032	. NUT	2	*1
-3	AN960D10	. WASHER	6	*1
-4	NAS43C3-32	. SPACER, Screw and bolt	4	*1
-5	2W1AL13-14-32	. WASHER, Plain (North American)	4	*1
-6	AN520-10R30	. SCREW	2	*1
-7	AN365-1032	. NUT	2	*1
-8	AN960D10	. WASHER	2	*1
-9	2W1AL13-14-32	. WASHER, Plain (North American)	AR	*1
-10	NAS43C3-30	. SPACER, Screw and bolt	2	*1
-11	AN960D10L	. WASHER	AR	*1
-12	AN3-11A	. BOLT	1	*1
		---*---		
-13	176-33811-1	. CLAMP ASSY, Main alighting gear downlock indicating and sequencing LH (see fig. 418 for breakdown) (use 193-33811-1 until exh)	1	A,C
	176-33811-2	. CLAMP ASSY, Main alighting gear downlock indicating and sequencing RH (see fig. 418 for breakdown) (use 193-33811-2 until exh)	1	A,C
	176-33811-21	. CLAMP ASSY, Main alighting gear downlock indicating and sequencing LH (see fig. 418 for breakdown) (use 176-33811-11 until exh)	1	B,*1
	176-33811-22	. CLAMP ASSY, Main alighting gear downlock indicating and sequencing RH (see fig. 418 for breakdown) (use 176-33811-12 until exh)	1	B,*1
	193-33811-1	. CLAMP ASSY, Main LG downlock indicating and sequencing LH (see fig. 419 for breakdown) (use 176-33811-1 whn exh)	1	C
	193-33811-2	. CLAMP ASSY, Main LG downlock indicating and sequencing RH (see fig. 419 for breakdown) (use 176-33811-2 whn exh)	1	C
		ATTACHING PARTS		
-14	140-54104	. PIN, Main landing gear down position indicator switch clamp	1	*1
-15	AN960D10	. WASHER	1	*1
-16	5B1-15DH	. BOLT, Adjustment 1/8 (North American)	1	*1
		---*---		
-17	176-33827	. SPRING, Tension	1	*2
-18	AN320-3	. NUT	1	*2
-19	176-33826	. CLIP, Main LG uplock indicating and sequencing mechanism spring	1	*2
-20	AN365-1032	. NUT	2	*2
-21	AN960D10	. WASHER	2	*2
-22	AN3-23A	. BOLT	1	*2
-23	NAS221-38	. SCREW, Brazier head Phillips recess alloy steel 10-32	1	*2
-24	176-33824-1	. CLIP, Main landing gear uplock indicating and sequencing mechanism bracket attaching LH	1	*2
	176-33824-2	. CLIP, Main landing gear uplock indicating and sequencing mechanism bracket attaching RH	1	*2
-25	NAS428K3-13	. BOLT, Adjusting crowned hex head (use 151-54261-7 until exh)	1	*2
-26	AN315-3R	. NUT	1	*2
-27	176-33821-11	. MECHANISM ASSY, Main alighting gear uplock indicating and sequencing LH (see fig. 410 for breakdown) (use 176-33821-1 until exh)	1	*2
	176-33821-12	. MECHANISM ASSY, Main alighting gear uplock indicating and sequencing RH (see fig. 410 for breakdown) (use 176-33821-2 until exh)	1	*2
		ATTACHING PARTS		
-28	AN3-3A	. BOLT	4	*2
-29	AN960D10L	. WASHER	4	*2

*1 For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see figure 363.
*2 For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see figure 90 in wing electrical section.

USEABLE ON CODE:
A 51-2928 thru 51-12969
B 51-2850 thru 51-2927, 51-12970 thru 51-12976, 51-13090 and subs
C 51-13070 thru 51-13089
D 51-2850 thru 52-4954, 52-5272 thru 52-5328
E 52-4955 thru 52-5271, 52-5329 and subs

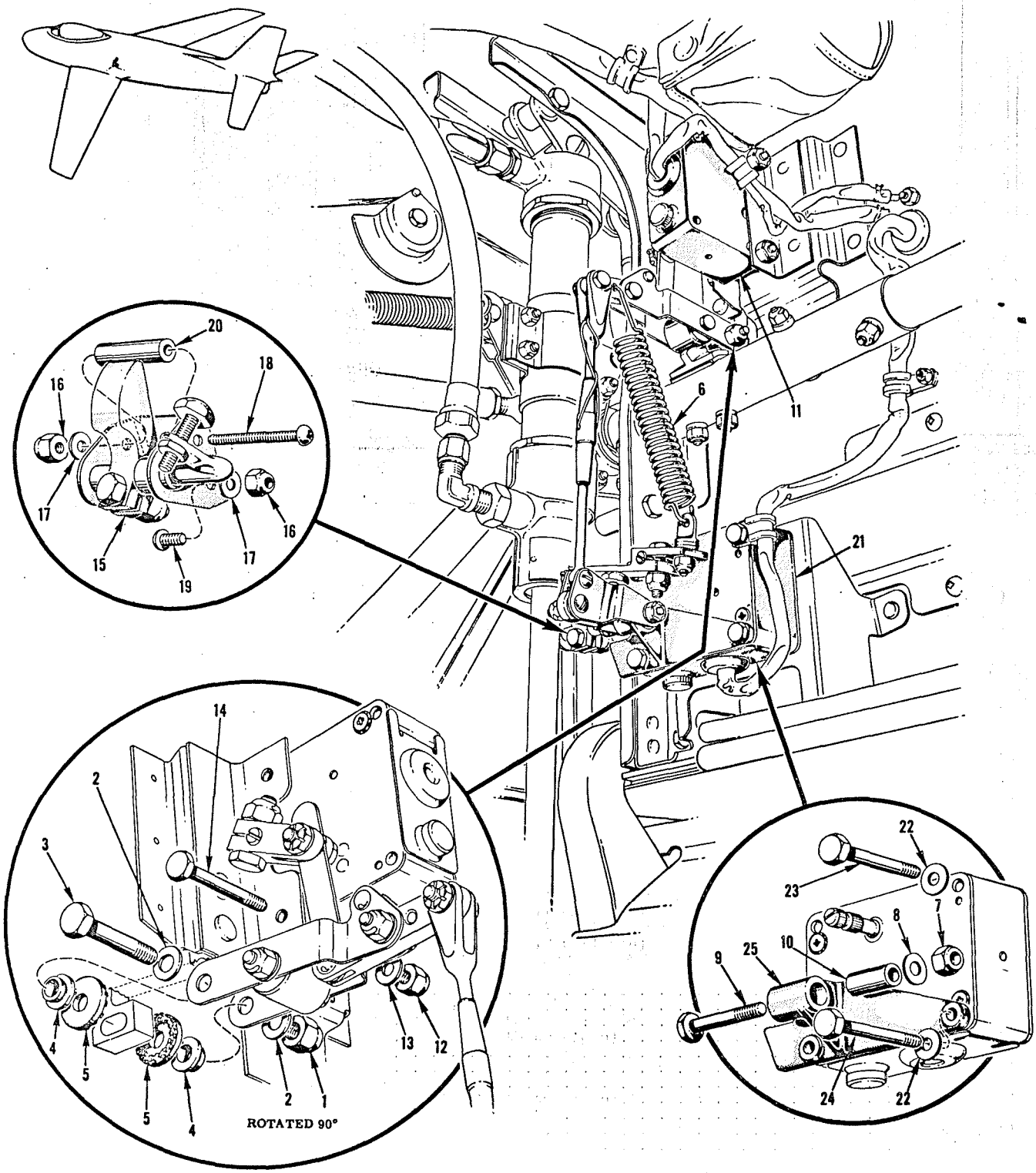


FIGURE 397 - MAIN ALIGHTING GEAR WHEEL DOOR OPEN AND CLOSED SEQUENCING MECHANISM

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
397	No Number		MAIN ALIGHTING GEAR WHEEL DOOR OPEN AND CLOSED SEQUENCING MECHANISMS, (see figure 396 for next assembly)	NP	*5
-1	AN365-428	.	NUT	1	
-2	AN960D416	.	WASHER	2	
-3	AN4-14A	.	BOLT	1	
-4	4B20M-S4-003	.	BUSHING, Press-fit flanged (North American)	2	
-5	191-33845	.	WASHER, Main alighting gear wheel door closed indicating mechanism	2	
-6	191-33870	.	SPRING, Tension	1	
-7	AN365-1032	.	NUT	1	
-8	AN960D10	.	WASHER	1	
-9	AN3-11A	.	BOLT	1	
-10	4B21M-S3-021	.	BUSHING, Spacer (North American)	1	
-11	191-33841-11	.	MECHANISM ASSY, Main alighting gear wheel door closed indicating LH (see figure 424 for breakdown) (use 191-33841-1 until exh)	1	*5
	191-33841-12	.	MECHANISM ASSY, Main alighting gear wheel door closed indicating RH (see figure 424 for breakdown) (use 191-33841-2 until exh)	1	*5
	ATTACHING PARTS				
-12	AN365-1032	.	NUT	2	
-13	AN960D10	.	WASHER	2	
-14	AN3-15A	.	BOLT	2	
	---*---				
-15	176-33858-1	.	ACTUATOR ASSY, Main alighting gear wheel door open sequence mechanism LH (see figure 421 for breakdown)	1	*1,*5
	176-33858-2	.	ACTUATOR ASSY, Main alighting gear wheel door open sequence mechanism RH (see figure 421 for breakdown)	1	*2,*5
	176-33858-11	.	ACTUATOR ASSY, Main alighting gear uplock indicating and sequencing LH (see figure 421 for breakdown)	1	*3,*5
	176-33858-12	.	ACTUATOR ASSY, Main alighting gear uplock indicating and sequencing RH (see figure 421 for breakdown)	1	*4,*5
	ATTACHING PARTS				
-16	AN365-832	.	NUT	3	
-17	AN960D8	.	WASHER	3	
-18	AN515-8R28	.	SCREW	1	
-19	AN515-8R7	.	SCREW	2	
-20	NAS43C3-74	.	SPACER, Screw and bolt	1	
	---*---				
-21	176-33857-1	.	MECHANISM ASSY, Main alighting gear wheel door open sequencing LH (see fig. 421 for breakdown)	1	*1,*5
	176-33857-2	.	MECHANISM ASSY, Main alighting gear wheel door open sequencing RH (see fig. 421 for breakdown)	1	*2,*5
	176-33857-21	.	MECHANISM ASSY, Main alighting gear wheel door open sequencing LH (see fig. 421 for breakdown) (use 176-33857-11 until exh)	1	*3,*5
	176-33857-22	.	MECHANISM ASSY, Main alighting gear wheel door open sequencing RH (see fig. 421 for breakdown) (use 176-33857-12 until exh)	1	*4,*5
	ATTACHING PARTS				
-22	AN960D10	.	WASHER	4	
-23	AN3-14A	.	BOLT	2	
-24	AN3-16A	.	BOLT	2	
	---*---				
-25	191-33874-1	.	STOP, Main alighting gear wheel door open sequencing mechanism actuator shaft LH	1	
	191-33874-2	.	STOP, Main alighting gear wheel door open sequencing mechanism actuator shaft RH	1	

*1 Whn exh use 176-33858-11 together with 176-33857-11.

*2 Whn exh use 176-33858-12 together with 176-33857-12.

*3 Use 176-33858-1 together with 176-33857-1 until exh.

*4 Use 176-33858-2 together with 176-33857-2 until exh.

*5 For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see figure 320 in fuselage electrical section.

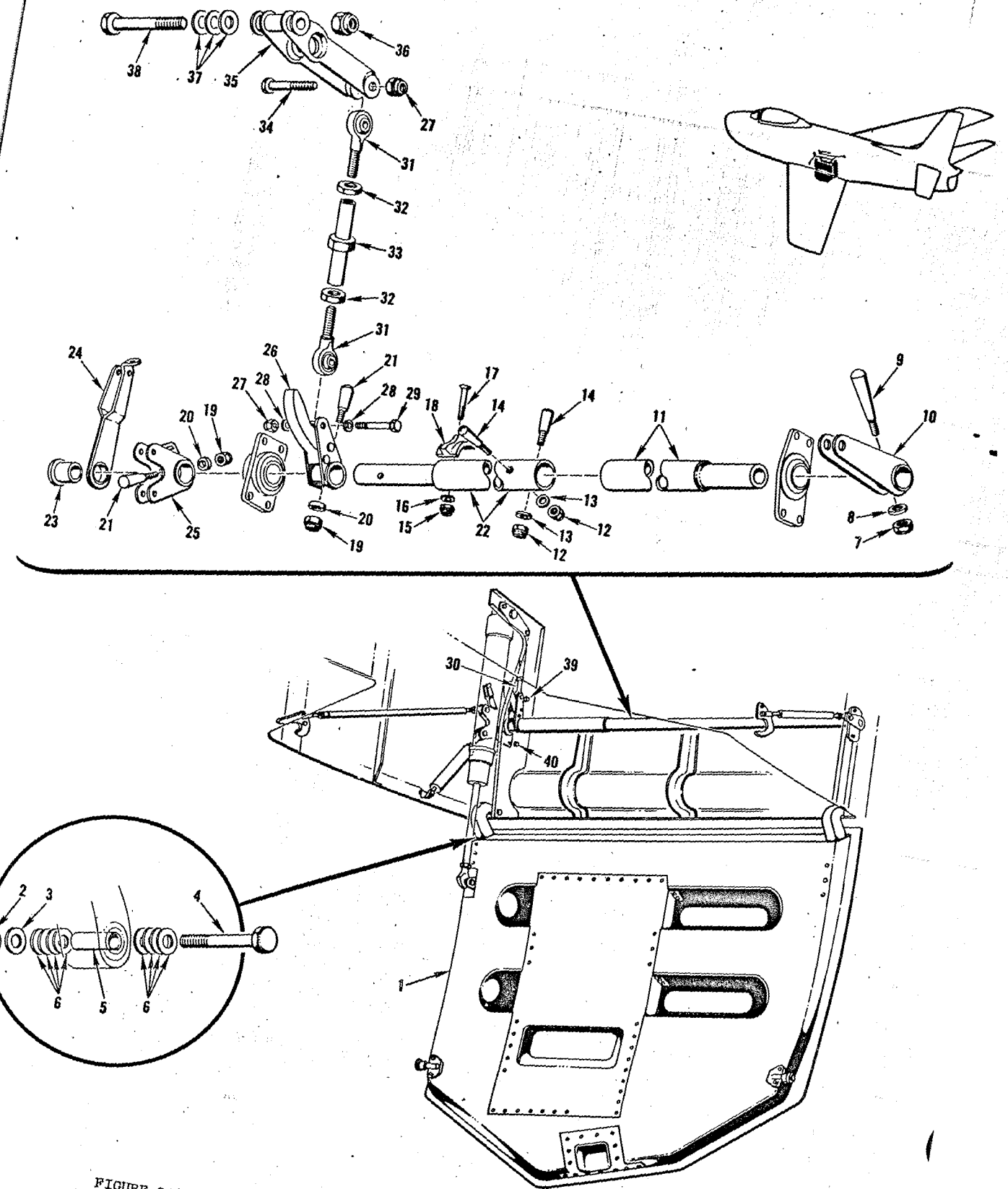


FIGURE 398 - MAIN LANDING GEAR WHEEL DOOR MECHANISM LH AND RH

F-86F-4-33-3B

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
398	No Number	MAIN LANDING GEAR WHEEL DOOR MECHANISM LH AND RH (see fig. 395 for next assy and fig. 399 for additional bkdn)	NP	
-1	140-33301-101	. DOOR ASSY, Main LG wheel LH (see fig. 400 for bkdn)	1	
	140-33301-102	. DOOR ASSY, Main LG wheel RH (see fig. 400 for bkdn)	1	
	ATTACHING PARTS			
-2	AN365-428	. NUT, (reworked per T. O. 1F-86-159)	2	
-3	AN960-416	. WASHER	2	
-4	AN4-20A	. BOLT, (fwd) (reworked per T. O. 1F-86-159)	1	
	AN4-15A	. BOLT, (aft) (reworked per T. O. 1F-86-159)	1	
-5	NAS72-4-102	. BUSHING, Clamp-up steel chrome plated (fwd)	1	
-6	AN960-416L	. WASHER, (aft)	8	
	---*---			
-7	AN364-1032	. NUT	1	
-8	AN975-3	. WASHER	1	
-9	AN386-2-7A	. PIN	1	
-10	140-33539	. BELLCRANK ASSY, Main wheel door aft lock actuating	1	
-11	140-33533	. SHAFT ASSEMBLY, Main wheel door lock aft torque	1	
-12	AN365-1032	. NUT	2	
-13	AN975-3	. WASHER	2	
-14	AN386-2-9A	. PIN	2	
-15	AN365-1032	. NUT	2	
-16	AN960D10	. WASHER	2	
-17	AN509-10-28	. SCREW	2	
-18	191-33849	. CAM, Main LG wheel door closed mechanism	1	
-19	AN364-428	. NUT	2	
-20	AN975-4	. WASHER	2	
-21	AN386-3-8A	. PIN	2	
-22	140-33532	. SHAFT ASSY, Main wheel door lock forward torque	1	
-23	140-33551	. PIN, Main LG emer release bellcrank assy retaining	1	
-24	140-33619-1	. BELLCRANK ASSY, LG emer release LH (when exh use 140-33619-11)	1	
	140-33619-2	. BELLCRANK ASSY, LG emer release RH (when exh use 140-33619-12)	1	
	140-33619-11	. BELLCRANK ASSY, LG emer release LH (use 140-33619-1 until exh)	1	
	140-33619-12	. BELLCRANK ASSY, LG emer release RH (use 140-33619-2 until exh)	1	
-25	140-33538-1	. BELLCRANK ASSY, Main wheel door forward lock actuating LH	1	
	140-33538-2	. BELLCRANK ASSY, Main wheel door forward lock actuating RH	1	
-26	140-33537	. BELLCRANK ASSY, Main wheel door torque shaft actuating	1	
-27	AN364-1032	. NUT	2	
-28	2W18-10	. WASHER	2	
-29	AN23-14A	. BOLT	1	
-30	161-33548	. ROD ASSY, Main wheel door lock operating	1	
-31	M34-14	. . ROD END (Heim)	2	
-32	AN316-4R	. . NUT	2	
-33	161-33548-3	. . ROD, Main LG wheel door lock operating	1	
-34	AN23-15A	. BOLT	1	
-35	140-33540	. BELLCRANK ASSY, Main wheel door cylinder pivot	1	
	4B16CM5-16	. . BUSHING, Sintered oil impregnated (North American)	2	
-36	AN365-524	. NUT	1	
-37	AN960-516	. WASHER	3	
-38	AN5-21A	. BOLT	1	
-39	172-33540	. SPACER, LG emer release bellcrank stop	AR	
	2W2SP16-10-1.250	. WASHER, Thrust (North American)	AR	
	2W2SP16-12-1.250	. WASHER, Thrust (North American)	AR	
	2W2SP16-14-1.250	. WASHER, Thrust (North American)	AR	
	2W2SP16-16-1.250	. WASHER, Thrust (North American)	AR	
-40	2W2SP20-17-1.000	. WASHER, Thrust (North American)	AR	
	2W2SP20-18-1.000	. WASHER, Thrust (North American)	AR	
	2W2SP20-19-1.000	. WASHER, Thrust (North American)	AR	
	2W2SP20-20-1.000	. WASHER, Thrust (North American)	AR	

ALIGHTING GEAR (Cont)

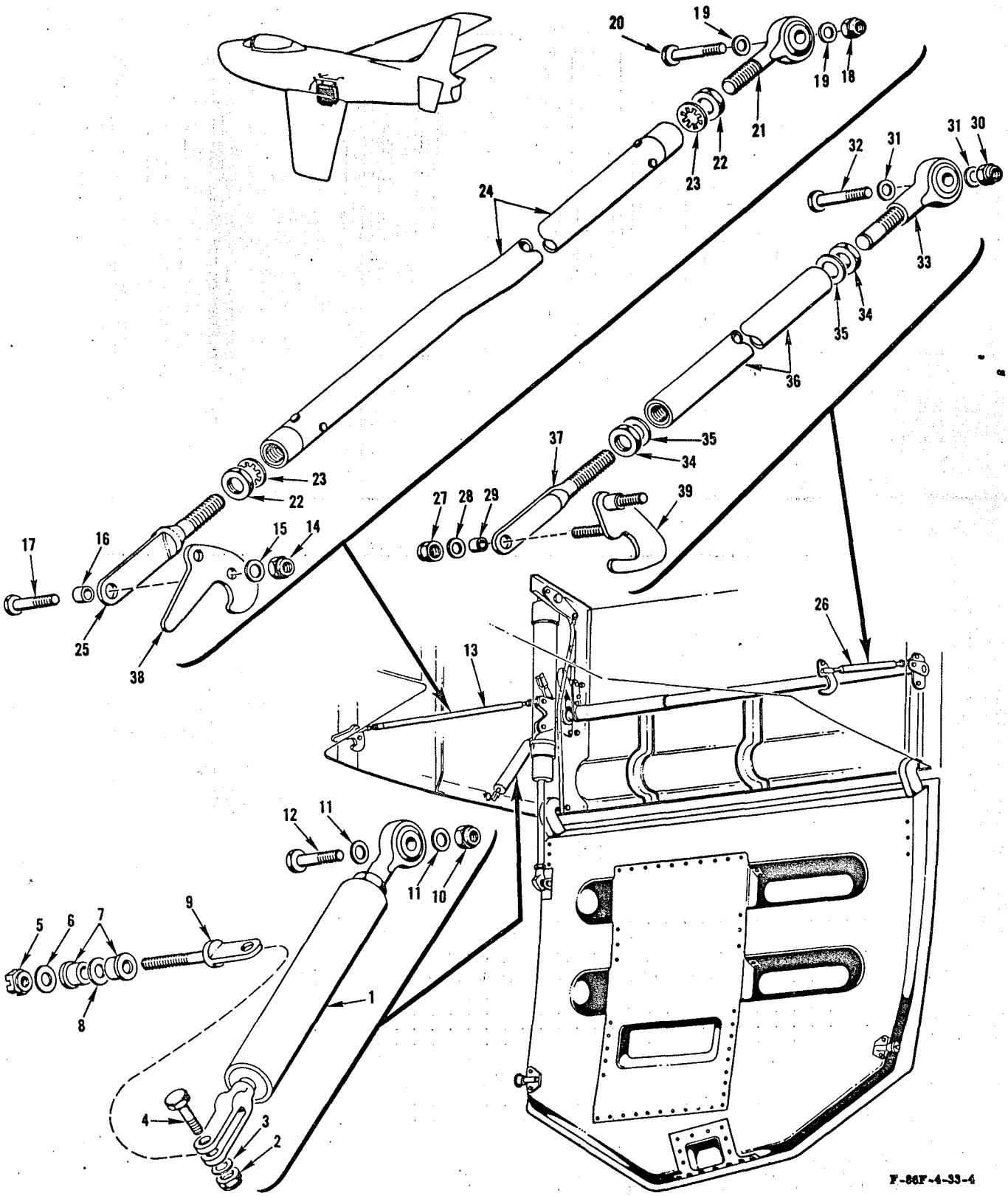


FIGURE 399 - MAIN LANDING GEAR WHEEL DOOR MECHANISM LH AND RH (CONT)

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
399	No Number		MAIN LANDING GEAR WHEEL DOOR MECHANISM LH AND RH (see fig. 395 for next assy and fig. 398 for additional breakdown)	NP	
-1	170-33550 *2	.	BUNGEE ASSY, Main alighting gear wheel door forward lock	1	
-2	AN365-1032	.	NUT	1	
-3	AN960-10	.	WASHER	1	
-4	AN3-6A	.	BOLT, (outboard)	1	
-5	AN320-4	.	NUT	1	
-6	AN960-416	.	WASHER	1	
-7	4B16CF4-4	.	BUSHING, Sintered oil impregnated (North American)	2	
-8	AN960-616L	.	WASHER	1	
-9	AN43-5	.	BOLT	1	
-10	AN365-1032	.	NUT	1	D
	AN364-1032	.	NUT	1	A
	AN310-3	.	NUT	1	B
-11	2W18-10L	.	WASHER, Flat (North American)	2	D
-12	AN23-14A	.	BOLT	1	C
	AN23-15A	.	BOLT	1	B
-13	151-33572-21	.	ROD ASSY, Main LG wheel door fwd hook actuating	1	
	ATTACHING PARTS				
-14	AN365-1032	.	NUT	1	*1
-15	AN960-10	.	WASHER	1	*1
-16	140-33553-7	.	SPACER, Main LG wheel door hook actuating rod (use 140-33553-5 until exh)	1	
-17	AN23-13A	.	BOLT	1	*1
-18	AN365-1032	.	NUT	1	*1
-19	AN960-10	.	WASHER	2	*1
-20	AN23-15A	.	BOLT	1	*1
	---*---				
-21	MD36-14	. .	ROD END, Main LG wheel door hook actuating rod (Heim)	1	
-22	AN316-6R	. .	NUT	2	
-23	AN936A616	. .	WASHER	2	
-24	151-33572-11	.	ROD ASSY, Main LG wheel door forward hook actuating	1	
-25	151-33575-3	. .	ROD END, Main LG wheel door hook actuating rod forward	1	
-26	151-33571	.	ROD ASSY, Main LG wheel door aft hook actuating	1	
	ATTACHING PARTS				
-27	AN365-1032	.	NUT	1	*1
-28	AN960-10	.	WASHER	1	*1
-29	140-33553-7	.	SPACER, Main LG wheel door hook actuating rod (use 140-33553-5 until exh)	1	
-30	AN365-1032	.	NUT	1	*1
-31	AN960-10	.	WASHER	2	*1
-32	AN23-15A	.	BOLT	1	*1
	---*---				
-33	MD36-14	. .	ROD END, Main LG wheel door hook actuating rod (Heim)	1	
-34	AN316-6R	. .	NUT	2	
-35	AN936A616	. .	WASHER	2	
-36	151-33571-7	. .	ROD ASSY, Main LG wheel door aft hook actuating	1	
-37	151-33575-4	. .	ROD END, Main LG wheel door hook actuating rod aft	1	
-38	151-33570-1		HOOK ASSY, Main LG wheel door forward LH (see figure 157)	Ref	
	151-33570-2		HOOK ASSY, Main LG wheel door forward RH (see figure 157)	Ref	
-39	193-33545-1		HOOK ASSY, Main LG wheel door aft LH (see figure 157)	Ref	
	193-33545-2		HOOK ASSY, Main LG wheel door aft RH (see figure 157)	Ref	

*1 Refer to T. O. 1F-86-159.
*2 Refer to T. O. 16C 1-1-114 for breakdown.
USEABLE ON CODE: A 51-2850 thru 51-13324, 52-4305 thru 52-4854
B 51-13325 thru 51-13510, 52-5272 thru 52-5429
C 51-2850 thru 51-13324, 52-4305 thru 52-5271, 52-5430 and subs
D 52-4855 thru 52-5271, 52-5430 and subs

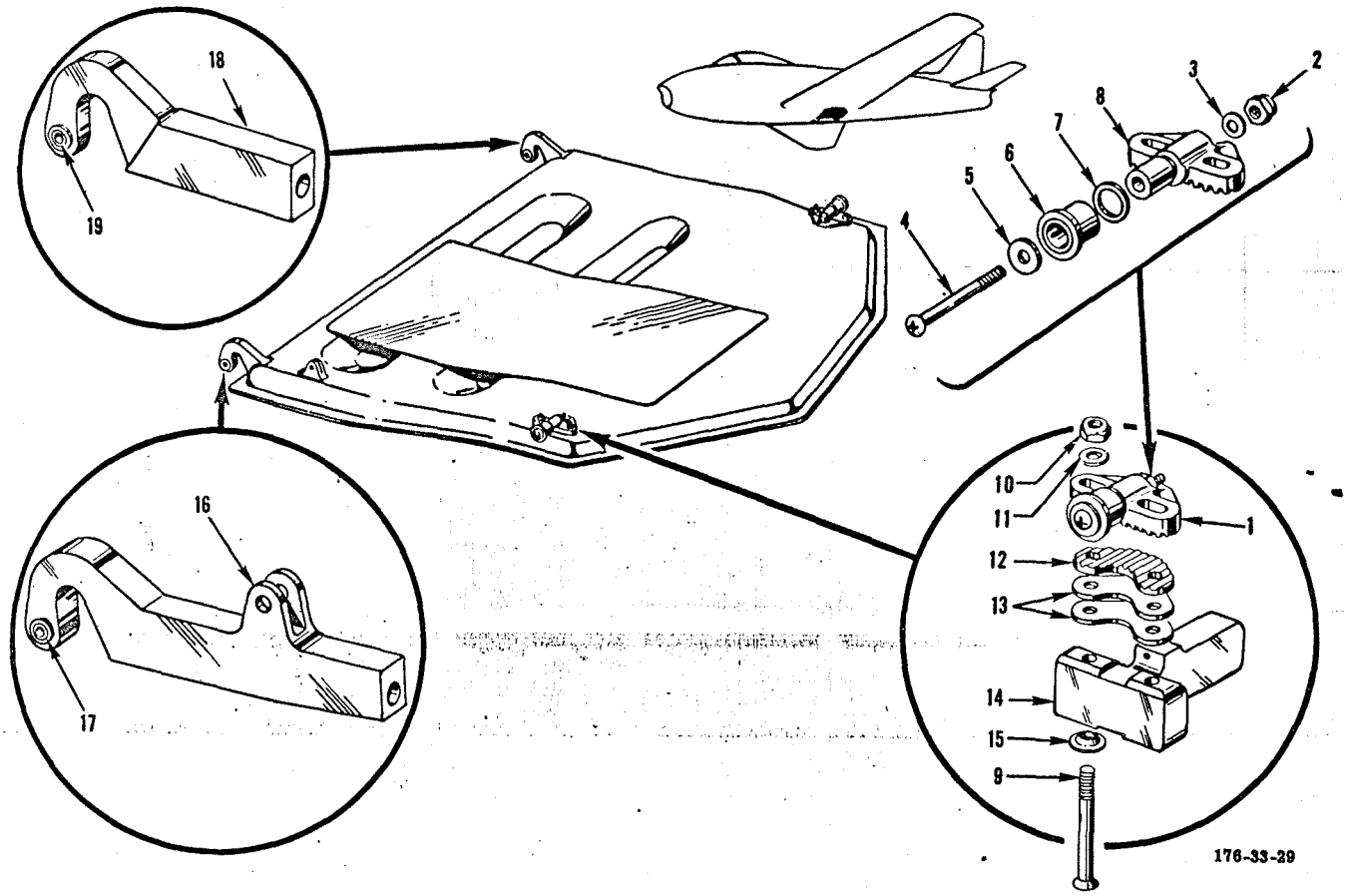


FIGURE 400 - MAIN LANDING GEAR WHEEL DOOR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
400	140-33301-101	DOOR ASSY, Main landing gear wheel LH (see figure 398 for next assembly and attaching parts)	Ref	
	140-33301-102	DOOR ASSY, Main landing gear wheel RH (see figure 398 for next assembly and attaching parts)	Ref	
-1	140-33306	. LOCK ASSEMBLY, Main landing gear wheel door forward	1	
	140-33307	. LOCK ASSEMBLY, Main landing gear wheel door aft	1	
-2	AN365-1032	. . NUT	1	
-3	AN960-10	. . WASHER	1	
-4	AN509-10-34	. . SCREW (forward)	1	
	AN509-10-37	. . SCREW (aft)	1	
-5	151-33307	. . WASHER, Main alighting gear wheel door forward lock	1	
-6	140-33308	. . ROLLER ASSEMBLY, Main landing gear wheel door lock	1	
	B812	. . . BEARING (Torrington)	1	
-7	2W1-33-28-31	. . WASHER, Plain (North American)	1	
-8	140-33309	. . FITTING, Main landing gear wheel door lock forward	1	
	140-33310	. . FITTING, Main landing gear wheel door lock aft	1	
-9	NAS206-43	. SCREW, 100° Flush head Phillips recess alloy steel 1/4-28 (fwd)	2	
	NAS206-47	. SCREW, 100° Flush head Phillips recess alloy steel 1/4-28 (aft)	2	
-10	AN365-428	. NUT	4	
-11	AN960-416	. WASHER	4	
-12	140-33311	. PLATE, Main landing gear wheel door lock	2	
-13	140-33312	. SHIM, Main landing gear wheel door lock	AR	
-14	140-33304	. BLOCK, Main landing gear wheel door lock back-up forward	1	
	140-33305-3	. BLOCK, Main landing gear wheel door lock back-up LH aft	1	
	140-33305-4	. BLOCK, Main landing gear wheel door lock back-up RH aft	1	
-15	A3475-.020	. WASHER (Tinnerman)	4	
-16	140-33302	. HINGE ASSEMBLY, Main landing gear wheel door forward	1	
-17	4B16RP7-24	. . BEARING, Sintered oil impregnated (North American)	1	
-18	140-33303	. HINGE ASSEMBLY, Main landing gear wheel door aft	1	
-19	4B16CF4-9	. . BEARING, Sintered oil impregnated (North American)	2	

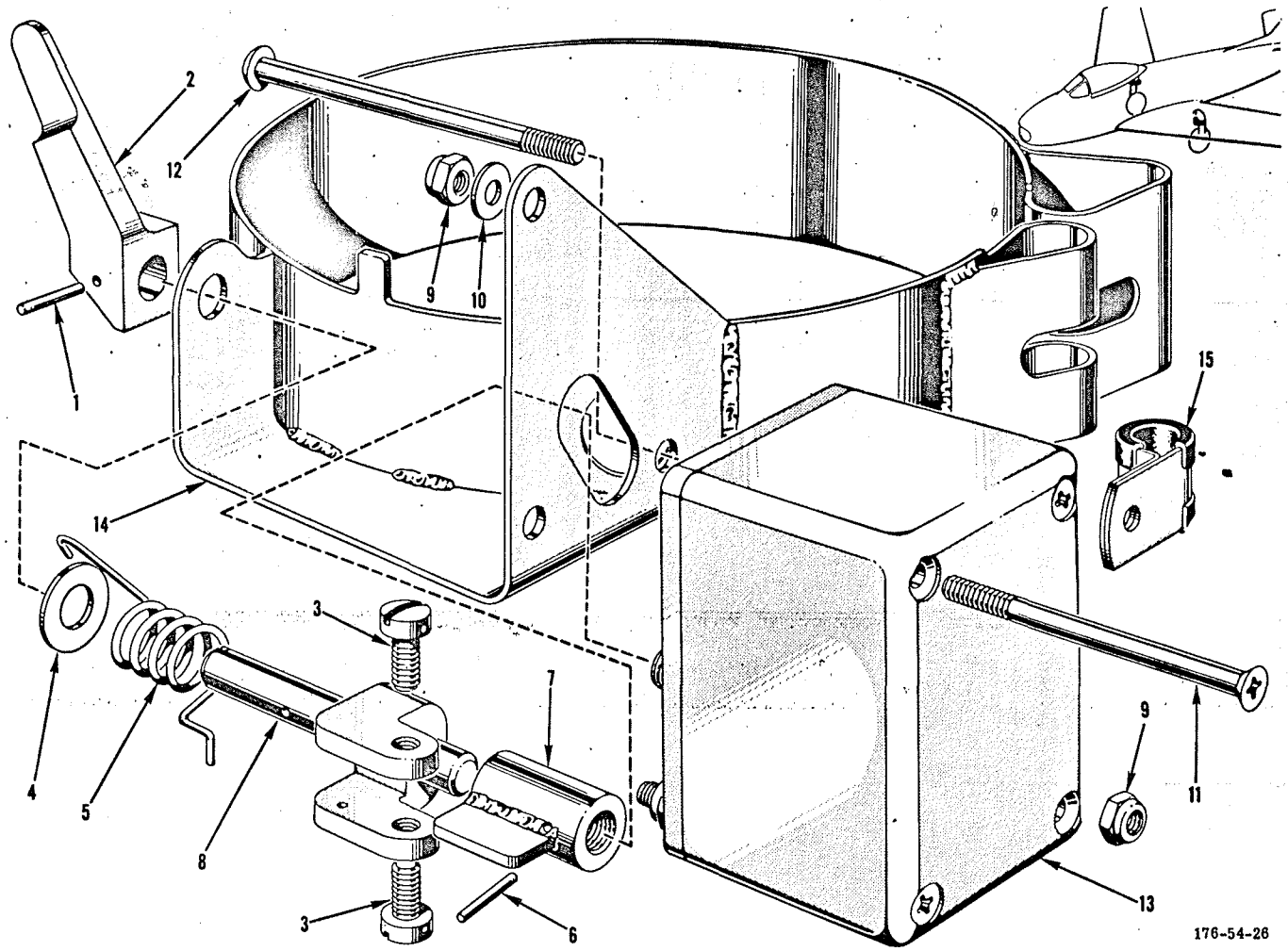


FIGURE 401 - MAIN LANDING GEAR COMPLETE DOWN POSITION INDICATOR SWITCH CLAMP ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
401	151-54200-11	CLAMP ASSY, Elec main landing gear down position indicator switch complete LH (see figure 415 for next assy)	Ref	*1
	151-54200-12	CLAMP ASSY, Elec main landing gear down position indicator switch complete RH (see figure 415 for next assy)	Ref	*1
-1	AN385-60-5	. PIN	1	*1
-2	151-54226-1	. ARM, Main LG downlock electrical sequence switch LH	1	*1
	151-54226-2	. ARM, Main LG downlock electrical sequence switch RH	1	*1
-3	AN500A8-7	. SCREW	2	*1
-4	AN960D416L	. WASHER	1	*1
-5	151-54333-1	. SPRING, Electrical main landing gear position indicator sequence switch LH	1	*1
	151-54333-2	. SPRING, Electrical main landing gear position indicator sequence switch RH	1	*1
-6	AN385-60-4	. PIN	1	*1
-7	151-54249	. SLEEVE ASSY, Electrical main landing gear sequence switch	1	*1
-8	151-54248	. SHAFT ASSY, Electrical main landing gear sequence switch	1	*1
-9	AN364-632	. NUT	2	*1
-10	AN960D6L	. WASHER	1	*1
-11	AN515-6R32	. SCREW	1	*1
-12	AN507-632R32	. SCREW	1	*1
-13	152-54201-60	. SWITCH ASSY, Electrical three unit limit LH (see figure 291 for breakdown) (gear downlock)	1	*1
	152-54201-70	. SWITCH ASSY, Electrical three unit limit LH (see figure 291 for breakdown) (gear downlock)	1	*1
-14	151-54211-1	. CLAMP ASSEMBLY, Electrical main landing gear down position indicator switch LH	1	*1
	151-54211-2	. CLAMP ASSEMBLY, Electrical main landing gear down position indicator switch RH	1	*1
-15	AN742D8C	. CLAMP	1	*1

*1 Not used on airplanes 51-2850 - 51-2927 modified per T. O. 1F-86-120. For airplanes that have been reworked in accordance with T. O. 1F-86-120 see figure 418.

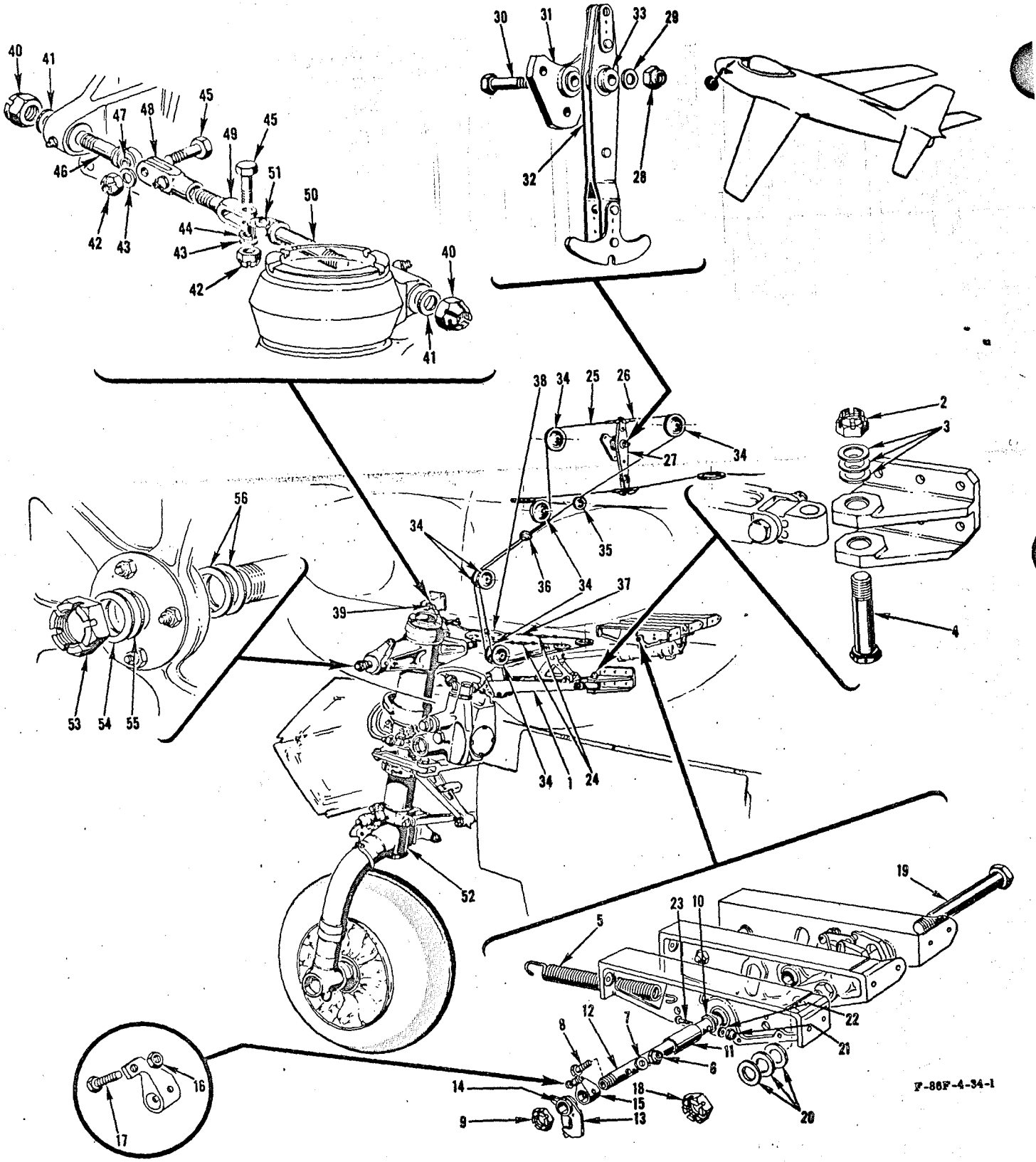


FIGURE 402 - AUXILIARY LANDING GEAR

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
402	151-34001-10	LANDING GEAR INSTL, Aux (see fig. 108 for next assembly)	NP	
	No Number	. AUXILIARY LANDING GEAR WHEEL AND STRUT DOORS MECHANISM, (see figure 408 for breakdown)	NP	
-1	151-34141	. BRACE ASSEMBLY, Auxiliary landing gear drag (see figure 407 for breakdown)	1	A,*1
	151-34141-30	. BRACE ASSEMBLY, Auxiliary landing gear drag (see figure 407 for breakdown)	1	
	ATTACHING PARTS			
-2	AN310-9	. NUT	1	
-3	AN960-916	. WASHER	3	
-4	NAS59-31	. BOLT, Close tolerance alloy steel 9/16-18	1	
	---*---			
-5	151-34515	. SPRING, Auxiliary landing gear uplock latch operating	1	
-6	AN365-1032	. NUT	1	
-7	AN960D10	. WASHER	1	
-8	AN3-10	. BOLT	1	
-9	AN320-7	. NUT	1	
-10	2W1AL28-26-64	. WASHER, Plain (North American)	AR	
-11	4S3D716-11	. SPACER, Bolt (North American)	1	
-12	151-34514	. SHAFT, Auxiliary landing gear uplock torque	1	
-13	151-34513-10	. LATCH ASSY, Aux LG uplock (use 151-34513 until exh)	1	
-14	4B16CF7-16	. . BEARING, Sintered oil impregnated (North American)	2	
-15	140-34510-1	. ACTUATOR ASSEMBLY, Nose gear uplock latch LH	1	
-16	AN315-3R	. . NUT	1	
-17	5B1-6	. . BOLT, Adjustment (North American)	1	
-18	AN320-10	. NUT	1	
-19	151-34508	. BOLT, Auxiliary landing gear retract cyl bellcrank pivot	1	
-20	AN960D1016	. WASHER	3	
-21	AN365-1032	. NUT	1	
-22	AN960D10	. WASHER	1	
-23	NAS221-17	. SCREW, Brazier head Phillips recess alloy steel 10-32	1	
-24	AN155-16S	. BARREL	2	
-25	151-34631	. CABLE ASSEMBLY, Auxiliary landing gear steering LH	1	
-26	151-34632	. CABLE ASSEMBLY, Auxiliary landing gear steering RH	1	
-27	140-34639	. SUPPORT ASSY, Aux landing gear steering cable cam	1	
-28	AN365-524	. . NUT	1	
-29	2W1-20-24-64	. . WASHER, Plain (North American)	1	
-30	AN5-13A	. . BOLT	1	
-31	140-34640	. . FITTING ASSEMBLY, Auxiliary landing gear steering cable cam support	1	
	NAS77-5-28	. . . BUSHING, Flanged press-fit steel and bronze	2	
-32	140-34623-10	. . ARM ASSY, Aux landing gear steering cable actuating	1	
-33	AR5	. . . BEARING, (Torrington)	1	
-34	AN210-2B	. PULLEY	9	
-35	AN210-1B	. PULLEY	1	
-36	151-34625	. SEAL, Aux landing gear steering cable pressure web	1	
-37	140-34627	. CABLE ASSY, Auxiliary landing gear steering lower	1	
-38	No Number	. AUXILIARY GEAR STEERING PULLEY EQUIPMENT, (see figure 412 for breakdown)	NP	
-39	140-34181	. MECHANISM ASSEMBLY, Nose gear rotating	1	
	ATTACHING PARTS			
-40	AN310-7	. NUT	2	
-41	AN960-716	. WASHER	2	
	---*---			
-42	AN310-4	. . NUT	2	
-43	AN960-416L	. . WASHER	2	
-44	AN960-416	. . WASHER	2	
-45	NAS54-11	. . BOLT, Close tolerance alloy steel 1/4-28	2	
	172-34185-9	. . LEVER ASSY, Auxiliary LG oleo rotating mechanism	1	
-46	172-34185-5	. . . LEVER, Auxiliary LG oleo rotating mechanism	1	
-47	AT4	. . . BEARING, (Torrington)	1	
-48	140-34184	. . LINK ASSY, Nose gear rotating mechanism fitting lever connecting	1	
-49	140-34183	. . LINK, Nose gear rotating mechanism oleo lever connecting	1	
	172-34185-7	. . LEVER ASSY, Aux alighting gear oleo rotating mechanism	1	
-50	172-34185-3	. . . LEVER, Auxiliary LG oleo rotating mechanism	1	
-51	AT4	. . . BEARING, (Torrington)	1	
-52	151-34101-105	. CHASSIS ASSY, Aux LG (see fig. 403 for breakdown)	1	A
	151-34101-205	. CHASSIS ASSY, Aux LG (see fig. 403 for breakdown)	1	B
	151-34101-305	. CHASSIS ASSY, Aux LG (see fig. 403 for breakdown)	1	C
	ATTACHING PARTS			
-53	140-34128	. NUT, Auxiliary landing gear trunnion pin	2	
-54	2W1AL74-44-91	. WASHER, Plain (North American)	AR	
-55	2W1AL74-44-20	. WASHER, Plain (North American)	AR	
	2W1AL74-44-093	. WASHER, Plain (North American)	AR	
-56	140-34127-3	. SHIM, Auxiliary landing gear trunnion pin	AR	
	140-34127-4	. SHIM, Auxiliary landing gear trunnion pin	AR	
	---*---			

*1 This assembly has been removed from airplanes reworked in accordance with T. O. No. 1F-86-120.

USEABLE ON CODE: A 51-2850 thru 51-2927
B 51-2928 thru 52-4604
C 52-4605 and subs

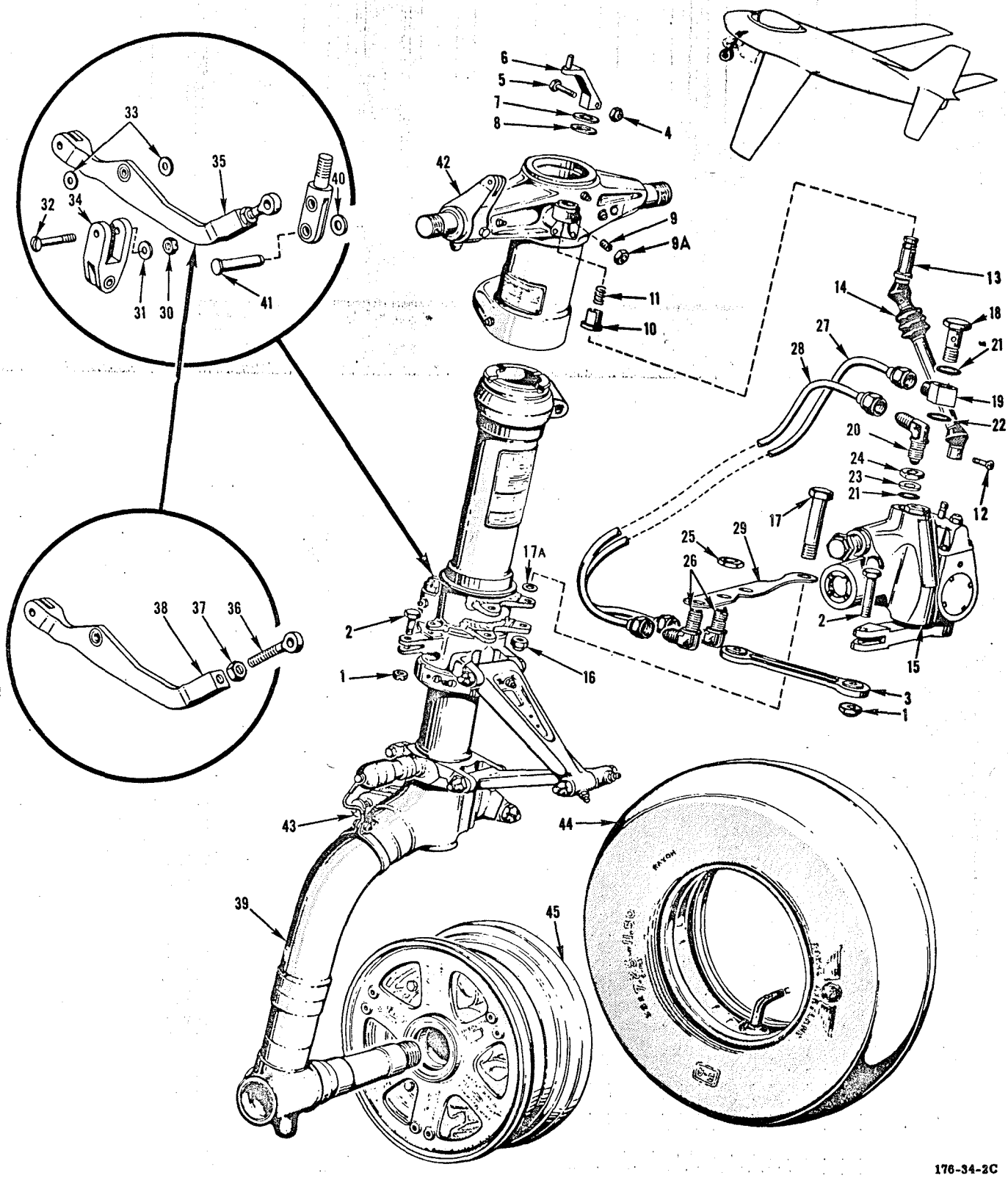


FIGURE 403 - AUXILIARY LANDING GEAR CHASSIS ASSEMBLY

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
403	151-34101-105	CHASSIS ASSY, Aux LG (see fig. 402 for next assembly)	Ref	A
	151-34101-205	CHASSIS ASSY, Aux LG (see fig. 402 for next assembly)	Ref	B
	151-34101-305	CHASSIS ASSY, Aux LG (see fig. 402 for next assembly)	Ref	C
	No Number	. NOSE WHEEL STEERING SAFETY SWITCH AND RELATED EQUIPMENT, (see figure 417 for breakdown)	NP	A
-1	AN365-428	. NUT	2	
-2	AN4-11A	. BOLT	2	
-3	151-34103	. LINK ASSY, Auxiliary landing gear shimmy damper	1	
	AT4	. . BEARING, (Torrington)	2	
-4	AN365-1032	. NUT	1	
-5	AN3-11A	. BOLT	1	
-6	165-34749-3	. ARM, Auxiliary LG steering damper drive shaft actuating	1	A,B
	187-34753-3	. ARM, Auxiliary LG steering damper actuator	1	C
-7	AN960-816C	. WASHER	AR	
-8	AN960D816L	. WASHER	AR	
-9	AN565C10-8	. SCREW	1	
-9A	AN340-10	. NUT	1	
-10	151-34652	. RETAINER, Auxiliary landing gear steering centering spring	1	
-11	193-34669-11	. SPRING, Auxiliary landing gear steering shaft centering (use 193-34669 and 176-34669 untl exh)	1	
-12	AN503-6-4	. SCREW	1	
-13	UJ214	. TUBE ASSY, Aux landing gear steering (Apex) (North American dwg 152-34631)	1	
-14	271-103	. . COVER, 5/8 universal rubber (Apex)	2	
	271-107	. . RING, Retainer	4	
-15	4044	. DAMPER ASSY, Steering and shimmy (Haskel) (use Haskel 2022 untl exh)	1	
	ATTACHING PARTS			
-16	AN365-720	. NUT	2	
-17	AN7-26A	. BOLT	2	
-17A	2W1AL28-34-32	. WASHER, Plain (North American)	2	
-18	151-58525	. BOLT, Hydraulic universal fitting 1/4 tube size	1	
-19	151-58524	. ELBOW, Hydraulic universal 90° 1/4 tube size	1	
-20	AN833-4	. ELBOW	1	
-21	AN6227-7	. PACKING	2	
-22	AN6227-6	. PACKING	1	
-23	AN6291-4	. RING	1	
-24	AN6289D4	. NUT	1	
-25	AN924-4D	. NUT	2	
-26	AN833-4	. ELBOW	2	
-27	151-58825-63	. LINE ASSEMBLY, System return from shimmy damper to hose	1	
-28	151-58825-65	. LINE ASSEMBLY, System pressure from shimmy damper to hose	1	
-29	151-58504	. BRACKET, Hydraulic nose gear steering hose support	1	
-30	AN320-3	. NUT	1	
-31	AN960D10	. WASHER	1	
-32	AN23-21	. BOLT	1	
-33	4S3-10-5	. SPACER, Bolt (North American)	2	
-34	151-34369	. LINK ASSEMBLY, Auxiliary LG strut rear door actuating	1	
	4B16CP3-6	. . BEARING, Sintered oil impregnated (North American)	2	
-35	151-34356	. LINK ASSEMBLY, Auxiliary LH strut forward door actuating	1	
-36	151-34364	. . END ASSEMBLY, Auxiliary LG door actuating link rod	1	
-37	AN316-6R	. . NUT	1	
-38	151-34357	. . LINK ASSY, Aux LG strut fwd door actuating (whn exh use 191-34357-5)	1	
	191-34357-5	. . LINK ASSY, Aux LG strut fwd door actuating (use 151-34357 untl exh)	1	
	HSBG3S	. . . BEARING, (Heim)	1	
-39	9152	. STRUT ASSY, Aux LG shock (Cleveland Pneumatic) (North American Spec 173-934102-10)	1	*1
-40	AN960D416L	. WASHER	1	
-41	AN394-21	. PIN	1	
-42	140-34111-205	. TRUNNION ASSY, Aux LG (see fig. 405 for breakdown)(whn exh use 140-34111-405)	1	
	140-34111-405	. TRUNNION ASSY, Aux LG (see fig. 405 for breakdown)(use 140-34111-205 untl exh)	1	
-43	165-34688-21	. RELEASE ASSEMBLY, Aux LG tow bar swivel (see figure 420 for breakdown) (use 165-34688-10 untl exh)	1	
-44	No Number	. CASING, 22 x 7.25 - 11.50 low profile 8 ply type VI (Spec MIL-C5041) (AERNO 41-7603) (GFAE)	1	
	No Number	. TUBE, 22 x 7.25 - 11.50 low profile type VI (Spec MIL-T5014A) (AERNO 41-7602) (GFAE)	1	
-45	No Number	. WHEEL ASSEMBLY, Nose 22 in. x 7.25 - 11.50 low profile type VI (Spec MIL-W5013A) (AERNO 41-7605) (GFAE)	1	

*1 Refer to T. O. 4S-1-54 for breakdown.

USEABLE ON CODE: A 51-2850 thru 51-2927
B 51-2928 thru 52-4604
C 52-4605 and subs

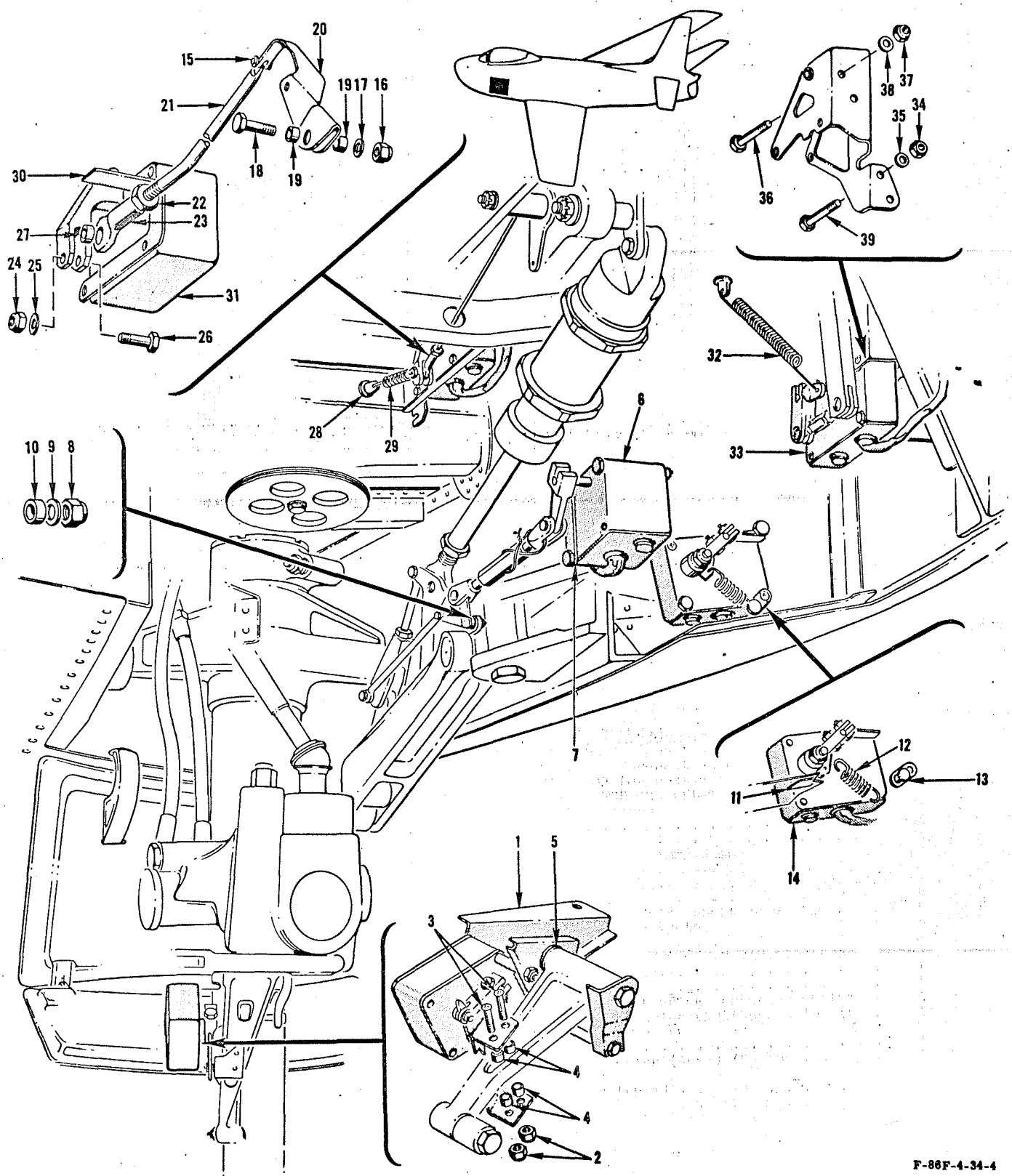


FIGURE 404 - AUXILIARY ALIGHTING GEAR SEQUENCING AND INDICATING MECHANISM

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
404	176-34801	MECHANISM INST, Aux LG sequencing and indicating (see fig. 108 for next assy)	NP	*2
	No Number	Aux LG wheel door open sequencing switch (see fig. 430 for breakdown)	NP	
-1	176-34830	MECHANISM ASSY, Aux LG steering safety (whn exh use 176-34830-11) (see fig. 427 for breakdown)	1	*3
	176-34830-11	MECHANISM ASSY, Aux LG steering safety (use 176-34830 untl exh) (see fig. 427 for breakdown)	1	*3
	ATTACHING PARTS			
-2	AN365-632	NUT	2	*3
-3	AN515-6R18	SCREW	2	*3
-4	NAS43C1-20	SPACER, Screw and bolt	4	*3
-5	2W1AL24-22-156	WASHER, Plain (North American)	1	*3
		---*---		
-6	176-34810	MECHANISM ASSY, Aux LG downlock indicating and sequencing (whn exh use 176-34810-11) (see fig. 426 for breakdown)	1	
	176-34810-11	MECHANISM ASSY, Aux LG downlock indicating and sequencing (use 176-34810 untl exh) (see fig. 426 for breakdown)	1	
-7	176-34805	STOP, Aux LG downlock indicating and sequencing mechanism	1	*2
-8	AN365-428	NUT	1	
-9	AN960D416L	WASHER	1	
-10	4B21S4-017	BUSHING, Spacer (North American)	1	
-11	176-34865	SHIM, Aux LG wheel door closed indicating	1	A
	176-34863	SHIM, Aux LG wheel door closed indicating	1	B
-12	187-34847	SPRING, Tension	1	
-13	176-34867	STRAP ASSY, Aux LG wheel door closed indicator	1	
-14	176-34860	MECHANISM ASSY, Aux LG wheel door closed indicating (when exh use 176-34860-11) (see fig. 422 for breakdown)	1	
	176-34860-11	MECHANISM ASSY, Aux LG wheel door closed indicating (use 176-34860 untl exh) (see fig. 422 for breakdown)	1	
-15	AN392-13	PIN	1	*2
	AN960D6	WASHER	1	*2
-16	AN365-1032	NUT	1	*2
-17	AN960D10L	WASHER	1	*2
-18	AN3-7A	BOLT	1	*2
-19	4B21S3-005	BUSHING, Spacer (North American)	2	*2
-20	191-34823	ACTUATOR ASSY, Aux LG uplock indicating and sequencing	1	*1
-21	191-34822	LINK, Aux LG uplock indicating and sequencing mech actuating	1	*1
-22	AN315-3R	NUT	1	*2
-23	176-34821	ROD END, Aux LG uplock indicating and sequencing mech link	1	*2
-24	AN365-1032	NUT	1	*2
-25	AN960D10L	WASHER	1	*2
-26	AN3-6A	BOLT	1	*2
-27	4B2153-009	BUSHING, Spacer (North American)	1	*2
-28	AN393-9	PIN	1	*2
	AN960D10	WASHER	2	*2
-29	191-34824	SPRING, Tension	1	*1
-30	191-34828	STOP, Aux LG uplock indicating and sequencing mechanism	1	*1
-31	176-34820	MECHANISM ASSY, Aux LG uplock indicating and sequencing (when exh use 176-34820-20 or -10) (see fig. 428 for breakdown)	1	*2
	176-34820-10	MECHANISM ASSY, Aux LG uplock indicating and sequencing (when exh use 176-34820 or -20) (see fig. 428 for breakdown)	1	*2
	176-34820-20	MECHANISM ASSY, Aux LG uplock indicating and sequencing (use 176-34820 or -10 untl exh) (see fig. 428 for breakdown)	1	*2
-32	176-34848	SPRING, Tension	1	
-33	191-34841	MECHANISM ASSY, Aux LG wheel door locked indicating (whn exh use 191-34841-30) (see fig. 429 for breakdown)	1	D*2
	191-34841-30	MECHANISM ASSY, Aux LG wheel door locked indicating (use 191-34841 untl exh) (see fig. 429 for breakdown)	1	D *2
	191-34841-10	MECHANISM ASSY, Aux LG wheel door locked indicating (whn exh use 191-34841-20) (see fig. 429 for breakdown)	1	A,E, *2
	191-34841-20	MECHANISM ASSY, Aux LG wheel door locked indicating (use 191-34841-10 untl exh) (see fig. 429 for breakdown)	1	A,E,*2
	ATTACHING PARTS			
-34	AN365-1032	NUT	2	
-35	AN960D10	WASHER	2	
-36	AN3-12A	BOLT	2	
-37	AN365-1032	NUT	2	A,E
-38	AN960D10L	WASHER	2	A,E
-39	AN3-11A	BOLT	2	A,E

*1 Reworked per T. O. 1F-86-513
*2 For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see figure 292 and 407.
*3 For airplanes that have not been reworked in accordance with T.O. 1F-86-120 see fig. 417

USEABLE ON CODE: A 51-2850 thru 51-2927
B 51-2928 and subs
D 51-2928 thru 51-12976
51-13070 thru 51-13089
E 51-13090 and subs

ALIGHTING GEAR (Cont)

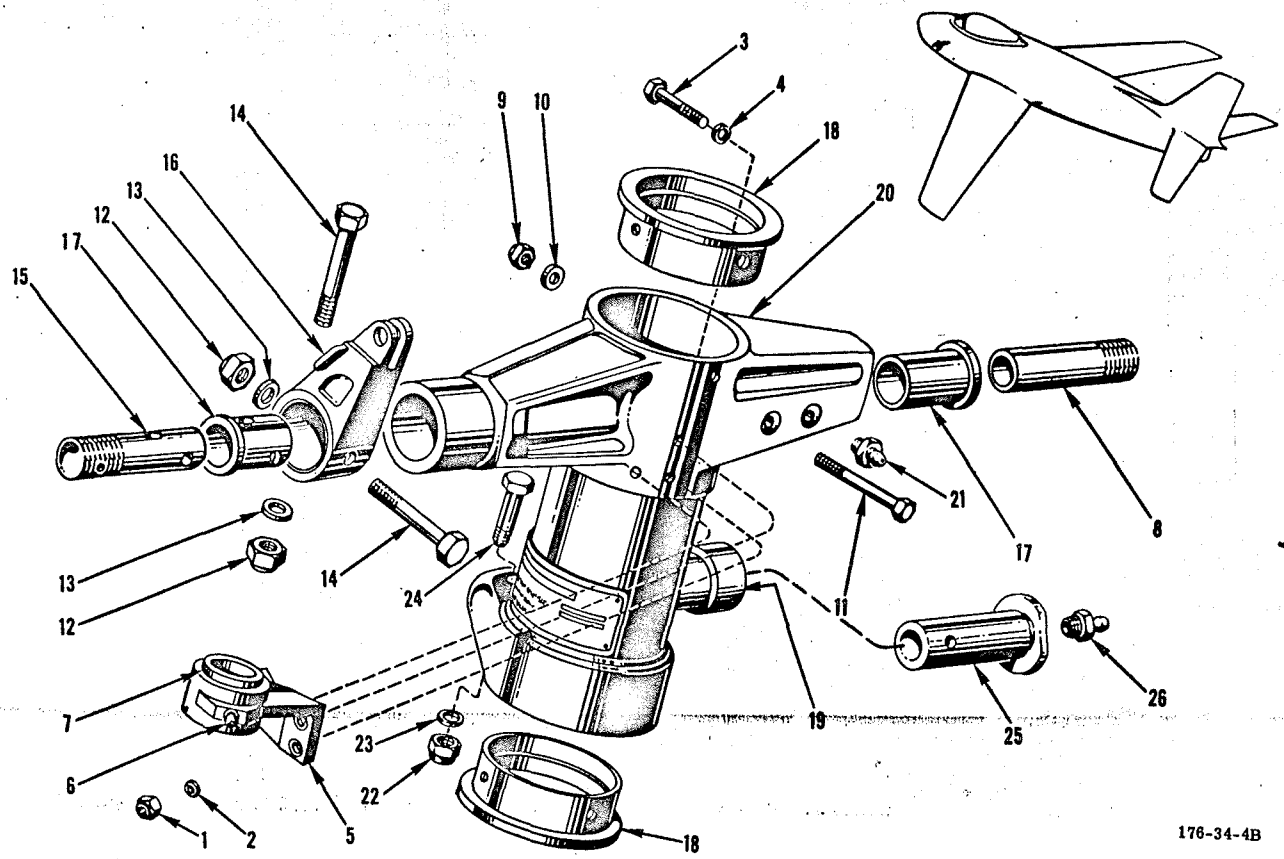
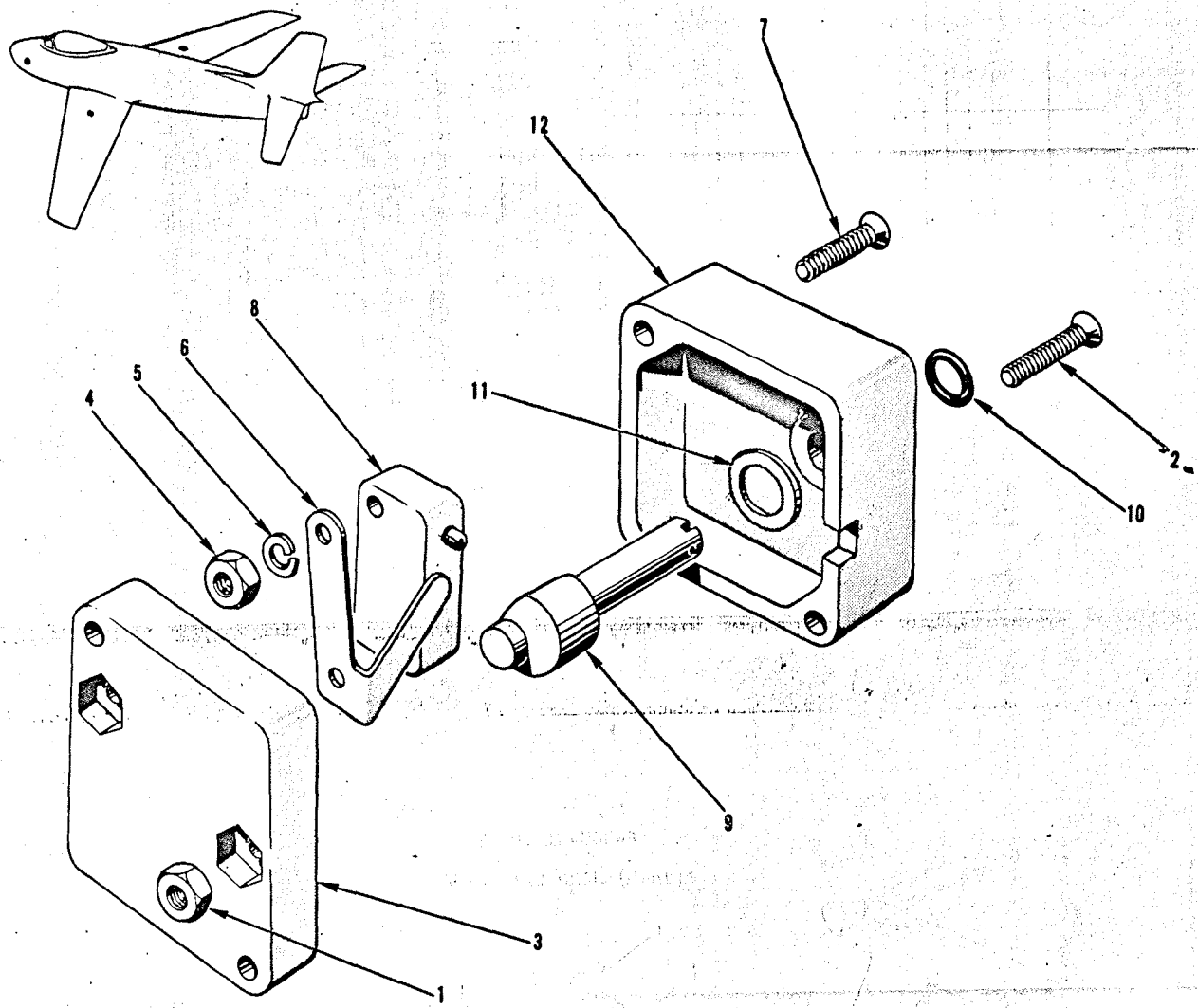


FIGURE 405 - AUXILIARY LANDING GEAR TRUNNION ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
405	140-34111-205	TRUNNION ASSY, Aux LG (whn exh use 140-34111-405)	Ref	
	140-34111-405	TRUNNION ASSY, Aux LG (use 140-34111-205 untl exh) (see figure 403 for next assembly)	Ref	
-1	AN365-1032	. NUT	3	
-2	AN960-10	. WASHER	3	
-3	AN3-7A	. BOLT	3	
	RBA143-16	. STUD, (Rosan)	3	*1,*3
-4	2W1-12-14-031	. WASHER, Plain (North American)	3	*2,*4
-5	151-34651	. FITTING ASSY, Aux alighting gear steering support	1	
-6	NAS2-101	. . FITTING, Lubrication	1	
-7	151-34674	. . BUSHING, Aux alighting gear steering support fitting	1	
-8	140-34126	. PIN, Auxiliary landing gear trunnion support RH	1	
-9	AN365-428	. NUT	1	
-10	AN960A416L	. WASHER	1	
-11	AN4-25A	. BOLT	1	
-12	AN365-524	. NUT	2	
-13	AN960A516	. WASHER	2	
-14	AN5-31A	. BOLT	2	
-15	140-34125	. PIN, Auxiliary landing gear support LH	1	
-16	165-34510-3	. ARM, Auxiliary LG extension cylinder trunnion actuator	1	
-17	140-34113-3	. BUSHING, Auxiliary landing gear trunnion (left side)	1	
	140-34113-4	. BUSHING, Auxiliary landing gear trunnion (right side)	1	
-18	151-34116	. BEARING, Auxiliary landing gear trunnion	2	
-19	140-34114	. BUSHING, Auxiliary landing gear drag brace attachment pin	1	
-20	151-34112-15	. FITTING, Auxiliary landing gear trunnion	1	*4
	151-34112-25	. FITTING, Auxiliary landing gear trunion (use 151-34112-15 untl exh)	1	*4
-21	NAS2-101	. FITTING, Lubrication	4	
-22	AN365-428	. NUT	1	
-23	AN960A416L	. WASHER	1	
-24	AN4-21A	. BOLT	1	
-25	165-34530	. PIN, Aux alighting gear drag brace actuating (use 140-34115 untl exh)	1	
-26	NAS2-101	. . FITTING, Lubrication	1	

*1 Whn exh use 151-34112-15 together with RBA143-16)
*2 Use 151-34112-11 together with AN3-7A untl exh)
*3 Used on 140-34111-205.
*4 Used on 140-34111-405.



176-54-27

FIGURE 406 - ELECTRIC AN3234 SEALED HOUSING SWITCH ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
406	151-54251	SWITCH ASSEMBLY, Electric AN3234 sealed housing (AUX LG) (see figure 417 for next assembly)	Ref	A,*1
	151-54251-10	SWITCH ASSEMBLY, Electric AN3234 sealed housing (Main LG) (see figure 415 for next assembly)	Ref	A,*1
-1	AN341-4	. NUT	2	A,*1
-2	AN507-440R14	. SCREW	2	A,*1
-3	151-54253	. COVER, AN3234 electric switch	1	A,*1
-4	AN341-4	. NUT	2	A,*1
-5	AN935-4L	. WASHER	2	A,*1
-6	JV1	. ACTUATOR, Auxiliary actuator (Micro Switch)	1	A,*1
-7	AN507-440R12	. SCREW	2	A,*1
-8	AN3234-1	. SWITCH	1	A,*1
-9	151-54254-3	. SHAFT, AN3234 electrical switch (used on 151-54251)	1	A,*1
	151-54254-5	. SHAFT, AN3234 electrical switch (used on 151-54251-10)	1	A,*1
-10	AN6290-2	. PACKING	1	A,*1
-11	AN960-416L	. WASHER	1	A,*1
-12	151-54252	. HOUSING, AN3234 electrical switch	1	A,*1

*1 Not used on airplanes modified in accordance with T. O. 1F-86-120. For airplanes that have been reworked in accordance with T. O. 1F-86-120 see figures 409 and 427.

USEABLE ON CODE: A 51-2850 thru 51-2927

ALIGHTING GEAR (Cont)

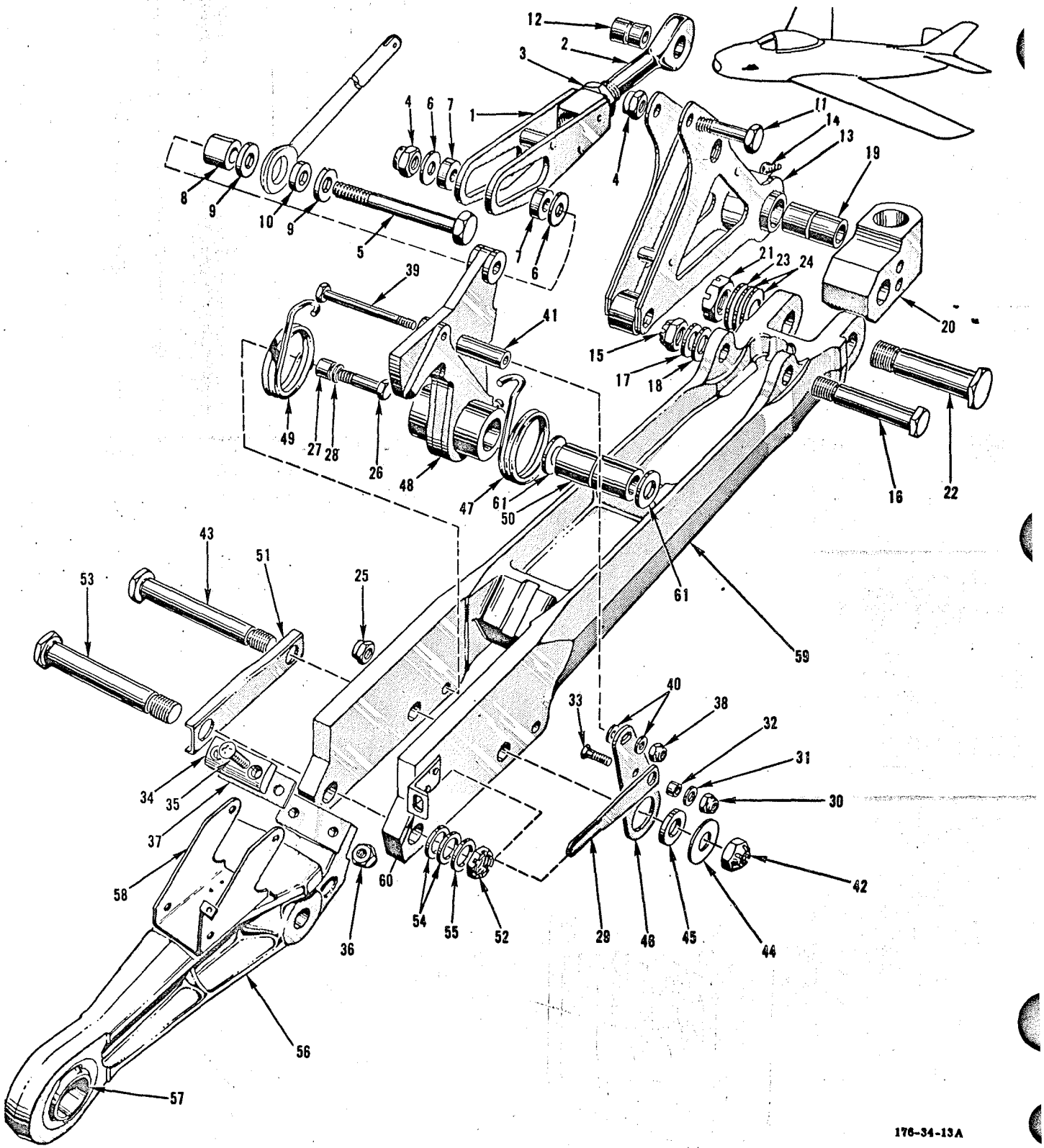


FIGURE 407 - AUXILIARY LANDING GEAR DRAG BRACE ASSEMBLY

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
407	151-34141	BRACE ASSEMBLY, Auxiliary landing gear drag (see figure 402 for next assembly)	Ref	A,*1
	151-34141-30	BRACE ASSEMBLY, Auxiliary landing gear drag (see figure 402 for next assembly)	Ref	
	140-34146	. ROD ASSEMBLY, Aux landing gear drag brace retracting	1	
-1	140-34146-6	. . FITTING ASSY, Aux landing gear drag brace retracting	1	
-2	AN165-125RL	. . EYE	1	
-3	AN316-7R	. . NUT	1	
-4	AN365-428	. NUT	2	
-5	AN4-14A	. BOLT	1	A,*1
	AN4-17A	. BOLT	1	
-6	2W1-17-20-63	. WASHER, Plain (North American)	2	
-7	140-34155	. SPACER, Auxiliary gear drag brace retracting rod	2	
-8	NAS43DD4-16	. SPACER, Screw and bolt	1	
-9	2W1-16-14-32	. WASHER, Plain (North American)	2	
-10	4B21S4-003	. BUSHING, Spacer (North American)	1	
-11	AN4-12A	. BOLT	1	
-12	NAS72-4-010	. BUSHING, Clamp-up steel chrome plated	1	
-13	151-34145	. BELLCRANK ASSEMBLY, Aux landing gear drag brace retracting	1	
-14	NAS2-201	. . FITTING, Lubrication	1	
-15	AN310-6	. NUT	1	
-16	AN6-22	. BOLT	1	
-17	AN960-616	. WASHER	1	
-18	AN960-616L	. WASHER	1	
-19	NAS72-6-104	. BUSHING, Clamp-up steel chrome plated	1	
-20	140-34147	. UNIVERSAL ASSEMBLY, Aux landing gear drag brace	1	A,*1
	176-34147	. UNIVERSAL ASSY, Aux LG drag brace (use 176-34147-11 whn exh)	1	
	176-34147-11	. UNIVERSAL ASSY, Aux LG drag brace (use 176-34147 until exh)	1	
	NAS2-101	. . FITTING, Lubrication	1	A,*1
	AN994-101	. . FITTING, Lubrication	1	
-21	AN320-8	. NUT	1	
-22	165-34529	. BOLT, Auxiliary landing gear drag brace universal joint	1	
-23	AN960-816	. WASHER	1	
-24	AN960-816L	. WASHER	2	
-25	AN365-1032	. NUT	2	
-26	AN3-7A	. BOLT	2	
-27	4S3-10-6	. SPACER, Bolt (North American)	2	
-28	2W1-12-20-31	. WASHER, Plain (North American)	2	
-29	151-54081-3	. PLUNGER, Nose gear downlock indicator switch	1	A,*1
-30	AN365-832	. NUT	1	A,*1
-31	AN960-8	. WASHER, Plain	1	A,*1
-32	4S4-5-5	. SPACER, Rivet (North American)	1	A,*1
-33	AN507-832-10	. SCREW	1	A,*1
-34	140-34149	. BLOCK, Auxiliary landing gear extended lock bearing	1	
-35	NAS205-16	. SCREW, 100° flush head Phillips recess alloy steel 10-32	2	
-36	AN365-1032	. NUT	2	
-37	140-34150-3	. SHIM, Auxiliary landing gear extended lock bearing block	AR	
	140-34150-5	. SHIM, Auxiliary landing gear extended lock bearing block	AR	
	140-34150-7	. SHIM, Auxiliary landing gear extended lock bearing block	AR	
-38	AN365-1032	. NUT	1	A,*1
-39	AN3-20A	. BOLT	1	A,*1
-40	AN960-10	. WASHER	2	A,*1
-41	4S4D6-30	. SPACER, Rivet (North American)	1	A,*1
-42	AN310-6	. NUT	1	
-43	AN6-27	. BOLT	1	
-44	2W1-24-30-40	. WASHER, Plain (North American)	1	A,*1
	AN960D616	. WASHER	2	
-45	4S3-616-4	. SPACER, Bolt (North American)	1	A,*1
-46	151-54162	. ARM, Nose gear down position indicator switch actuating	1	A,*1
-47	151-34637	. SPRING, Auxiliary landing gear extended lock RH	1	
-48	165-34525-5	. LOCK ASSEMBLY, Auxiliary landing gear extended	1	
-49	151-34636	. SPRING, Auxiliary landing gear extended lock RH	1	
-50	NAS72-6-108	. BUSHING, Clamp-up steel chrome plated	1	
-51	151-34144	. RETAINER, Auxiliary landing gear drag brace pivot bolt	1	
-52	AN320-7	. NUT	1	
-53	165-34528	. BOLT, Auxiliary landing gear drag brace knuckle joint	1	
-54	AN960-716L	. WASHER	2	
-55	AN960-716	. WASHER	1	
-56	151-34142-5	. LINK ASSEMBLY, Auxiliary landing gear forward drag	1	A,*1
	151-34142-13	. LINK ASSEMBLY, Auxiliary landing gear forward drag	1	
-57	117-33144	. . BEARING ASSEMBLY, Main LG side brace outboard link	1	
-58	151-54228	. . BRACKET, Elec auxiliary LG sequence switch mounting	1	A,*1
	NAS2-101	. . FITTING, Lubrication	1	
-59	151-34143-5	. LINK ASSEMBLY, Auxiliary landing gear aft drag	1	A,*1
	151-34143-3	. LINK ASSEMBLY, Auxiliary landing gear aft drag	1	
-60	151-54161	. . GUIDE, Nose gear down position indicating switch plunger	1	*1
-61	2W1C24-32-2	. WASHER, Plain (North American)	AR	
	2W1C24-32-5	. WASHER, Plain (North American)	AR	

*1 Parts marked thus have been removed from airplanes modified in accordance with T. O. No. 1F-86-120.

USEABLE ON CODE: A 51-2850 thru 51-2927

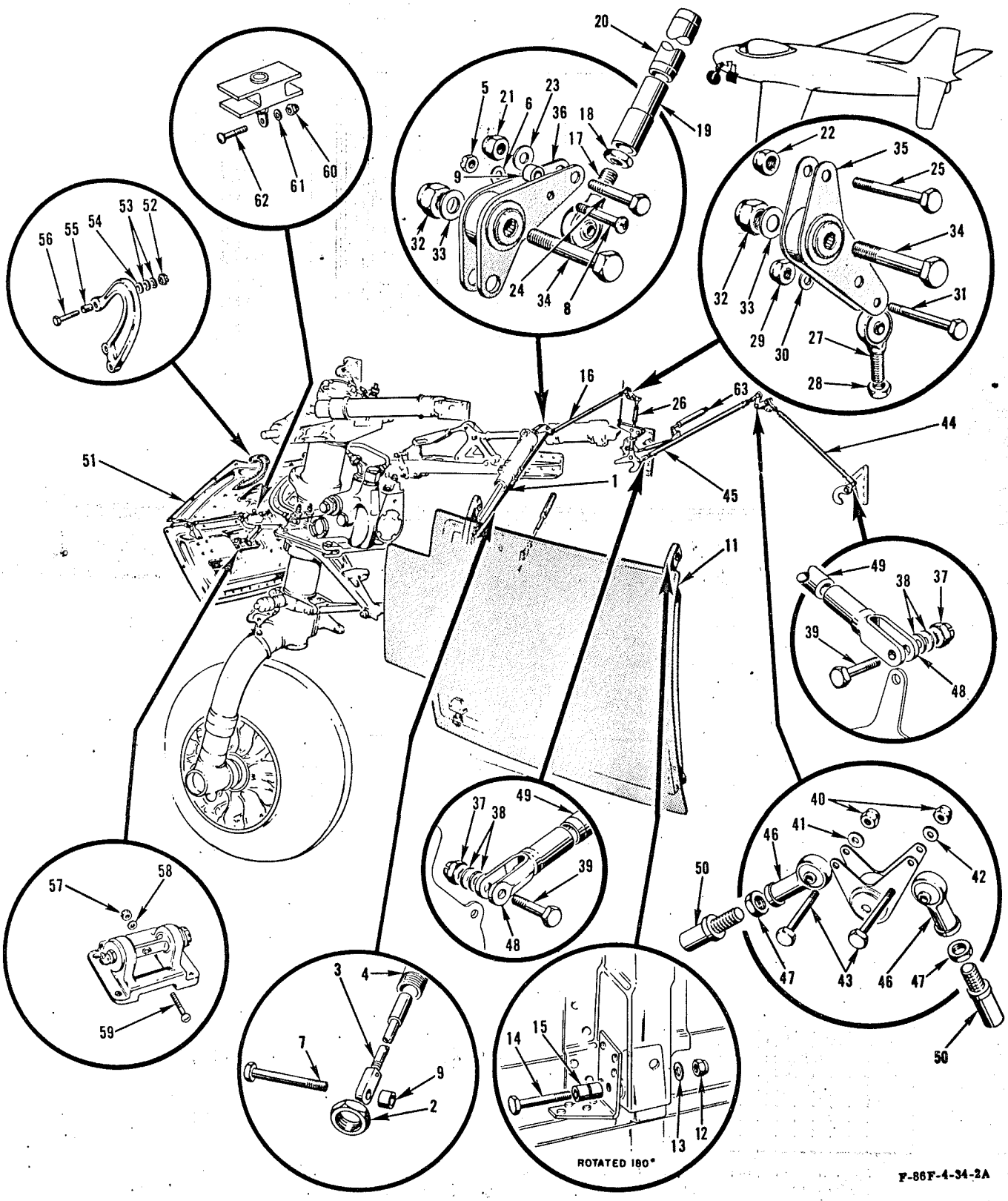


FIGURE 408 - AUXILIARY LANDING GEAR WHEEL AND STRUT DOORS MECHANISM

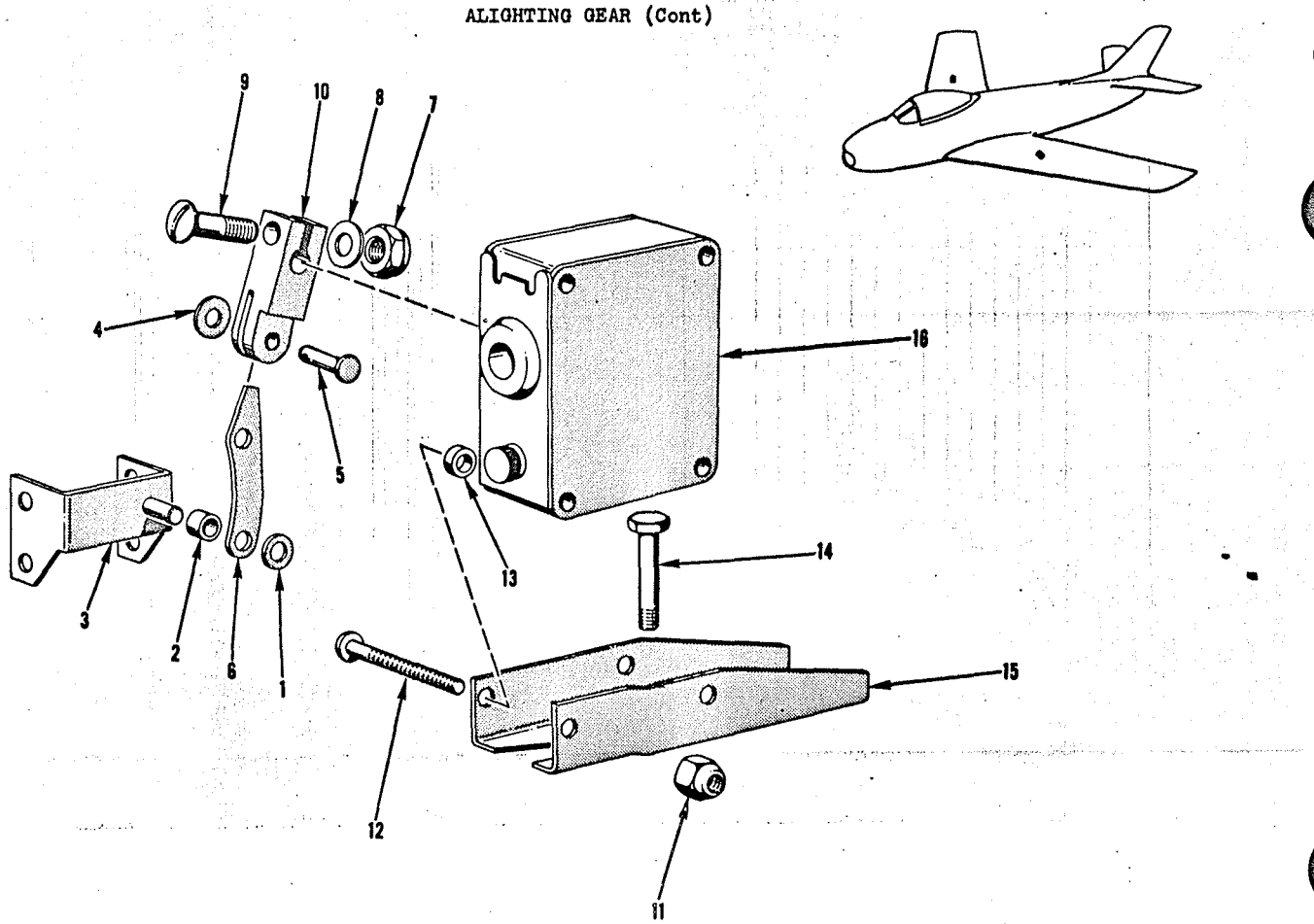
ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
408	No Number			AUXILIARY LANDING GEAR WHEEL AND STRUT DOORS MECHANISM, (see figure 402 for next assembly)	NP	
-1	191-34547	*2	.	LINK ASSEMBLY, Nose wheel door lock safety	1	
-2	AN316-9R		. .	NUT	1	
-3	191-34549		. .	ROD ASSEMBLY, Nose wheel door lock safety link	1	
-4	191-34552		. .	TUBE, Nose wheel door lock safety link	1	
-5	AN365-1032	*2	.	NUT	1	
-6	AN960-10L	*2	.	WASHER	1	
-7	191-34555-3	*2	.	BOLT	1	
-8	191-34555-5	*2	.	BOLT	1	
-9	4B21S3-013	*2	.	BUSHING, Spacer (North American)	2	
-10	DELETED					
-11	140-34301		.	DOOR ASSY, Aux LG wheel (see fig. 416 for breakdown)	1	A,*1
	140-34301-50		.	DOOR ASSY, Aux LG wheel (see fig. 416 for breakdown)	1	
	ATTACHING PARTS					
-12	AN310-4		.	NUT	2	
-13	AN960D416		.	WASHER	2	
-14	AN4-16A		.	BOLT, (aft)	1	
	AN4-15		.	BOLT, (forward)	1	
-15	NAS72-4-015		.	BUSHING, Clamp-up steel chrome plated (aft)	1	
	NAS72-4-014		.	BUSHING, Clamp-up steel chrome plated (forward)	1	
	---*---					
-16	165-34320-10		.	ROD ASSEMBLY, Aux gear wheel door forward lock operating	1	
-17	HRBM4E		. .	ROD END, (Adel)	2	
-18	AN316-5R		. .	NUT	2	
	165-34320-7		. .	TUBE ASSY, Aux gear wheel door forward lock operating	1	
-19	165-33350-5		. . .	PLUG, Main alighting gear wheel door lock operating rod	2	
-20	165-34320-9		. . .	TUBE, Aux gear wheel door forward lock operating	1	
-21	AN365-428		.	NUT	1	
-22	AN310-4		.	NUT	1	
-23	AN960-416L		.	WASHER	1	
-24	AN4-11A		.	BOLT	1	
-25	AN24-15		.	BOLT	1	
-26	140-34541-7		.	ROD ASSEMBLY, Nose wheel door toggle attaching	1	
-27	HRBM3E		. .	ROD END, (Adel)	2	
-28	AN316-5R		. .	NUT	2	
-29	AN365-1032		.	NUT	2	
-30	AN960-10		.	WASHER	2	
-31	AN3-10A		.	BOLT	2	
-32	AN365-624		.	NUT	2	
-33	AN960-616L		.	WASHER	2	
-34	AN3-17A		.	BOLT, (inboard)	2	
-35	140-34542		.	BELLCRANK ASSY, Nose wheel door forward lock operating	1	
-36	140-34545		.	BELLCRANK ASSY, Nose wheel door hyd cylinder attaching	1	
	AR6-1		. .	BEARING, (Torrington)	1	
-37	AN310-4		.	NUT	2	
-38	AN960-416		.	WASHER	2	
-39	AN4-10		.	BOLT	1	
-39A	AN23-13		.	BOLT	1	
-40	AN365-1032		.	NUT	2	
-41	AN960D10		.	WASHER	1	
-42	AN960-10L		.	WASHER	1	
-43	AN3-7A		.	BOLT	2	
-44	140-34554		.	ROD ASSY, Nose wheel door rear latch operating	1	
-45	140-34551		.	ROD ASSY, Nose wheel door front latch to rear latch	1	
-46	REB3N		. .	ROD END, (Fafnir)	1	
-47	AN316-4R		. .	NUT	1	
-48	140-34554-7		. .	CLEVIS, Nose wheel door rear latch operating rod (altered from AN481-9P)	1	
	140-34551-7		. .	CLEVIS, Nose wheel door front latch to rear latch rod (altered from AN481-9P)	1	
-49	140-34554-3		. .	TUBE, Nose wheel door rear latch operating	1	
	140-34551-3		. .	TUBE, Nose wheel door front latch to rear latch	1	
-50	140-34554-5		. .	ROD END, Nose wheel door rear latch operating	1	
	140-34551-5		. .	ROD END, Nose wheel door front latch to rear latch	1	
-51	151-34380-10		.	DOOR ASSY, Aux LG strut (see fig. 411 for breakdown)	1	
	ATTACHING PARTS					
-52	AN365-1032		.	NUT	2	
-53	AN960D616L		.	WASHER	AR	
-54	AN960D10		.	WASHER	2	
-55	151-34363		.	SPACER, Auxiliary landing gear strut forward door hinge	2	
-56	AN3-13A		.	BOLT	2	
-57	AN320-3		.	NUT	1	
-58	AN960D10		.	WASHER	1	
-59	AN23-15		.	BOLT	1	
-60	AN310-3		.	NUT	1	
-61	AN960D10		.	WASHER	1	
-62	AN23-16		.	BOLT	1	
	---*---					
-63	140-34562		.	BUNGEE ASSY, Aux LG wheel door lock toggle actuating (Refer to T. O. 16C1-1-114 for bkdn)	1	

*1 This assembly has been removed from airplanes reworked in accordance with T.O. 1F-86-120.
*2 Used on all F-86F aircraft reworked per T.O. 1F-86-212A.

USEABLE ON CODE: A 51-2850 thru 51-2927

ALIGHTING GEAR (Cont)



F-86F-4-33-2

FIGURE 409 - MAIN ALIGHTING GEAR GROUND SAFETY MECHANISM ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
409	176-33831-1	MECHANISM ASSY, Main alighting gear ground safety LH . . . . . (see figure 396 for next assembly)	Ref	A,*2
	176-33831-2	MECHANISM ASSY, Main alighting gear ground safety RH . . . . . (see figure 396 for next assembly)	Ref	A,*2
	176-33831-21	MECHANISM ASSY, Main alighting gear ground safety LH . . . . . (use 176-33831-11 until exh)	Ref	B
	176-33831-22	MECHANISM ASSY, Main alighting gear ground safety RH . . . . . (use 176-33831-12 until exh)	Ref	B
-1	AN960D10L	. WASHER	1	
-2	NAS43C3-14	. SPACER, Screw and bolt	1	
-3	176-33835-1	. CLIP ASSY, Main alighting gear ground safety mechanism LH . .	1	A
	176-33835-2	. CLIP ASSY, Main alighting gear ground safety mechanism RH . .	1	A
	191-33835-1	. CLIP ASSY, Main alighting gear ground safety mechanism LH . .	1	B
	191-33835-2	. CLIP ASSY, Main alighting gear ground safety mechanism RH . .	1	B
-4	AN960D10L	. WASHER	1	
-5	AN393-11	. PIN	1	
-6	176-33834-11	. LINK, Main LG ground safety mech (use 176-33834 until exh) . .	1	
-7	AN365-428	. NUT	1	
-8	2W18-1416L	. WASHER, Flat (North American)	2	
-9	NAS222-13	. SCREW, Brazier head Phillips recess alloy steel 1/4-28 . . .	1	
-10	176-33833-20	. ARM, Main alighting gear ground safety mechanism. . . . . (use 176-33833-10 and 176-33833 until exh)	1	
-11	AN364-1032	. NUT	2	
-12	AN520-10R26	. SCREW	2	
-13	NAS43C3-6	. SPACER, Screw and bolt	1	
-14	AN3-11A	. BOLT	1	
-15	176-33832-1	. BRACKET ASSY, Main alighting gear ground safety mechanism LH	1	
	176-33832-2	. BRACKET ASSY, Main alighting gear ground safety mechanism RH	1	
-16	175-54332	. SWITCH ASSY, LG hermetically sealed sequence single LH . . . (see figure 425 for breakdown)	1	*1
	1HA1L.H.	. SWITCH ASSY, Enclosed LH (Micro Switch)	1	*1
	175-54332-10	. SWITCH ASSY, LG hermetically sealed sequence single RH . . . (see figure 425 for breakdown)	1	*1
	1HA1R.H.	. SWITCH ASSY, Enclosed RH (Micro Switch)	1	*1

*1 Use 175-54332 and 175-54332-10 until exh, whn exh use Micro Switch 1HA1L.H. & 1HA1R.H.
*2 For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see fig. 406.

USEABLE ON CODE: A 51-2850 thru 52-4954, 52-5272 thru 52-5328 B 52-4955 thru 52-5271, 52-5329 and subs

ALIGHTING GEAR (Cont)

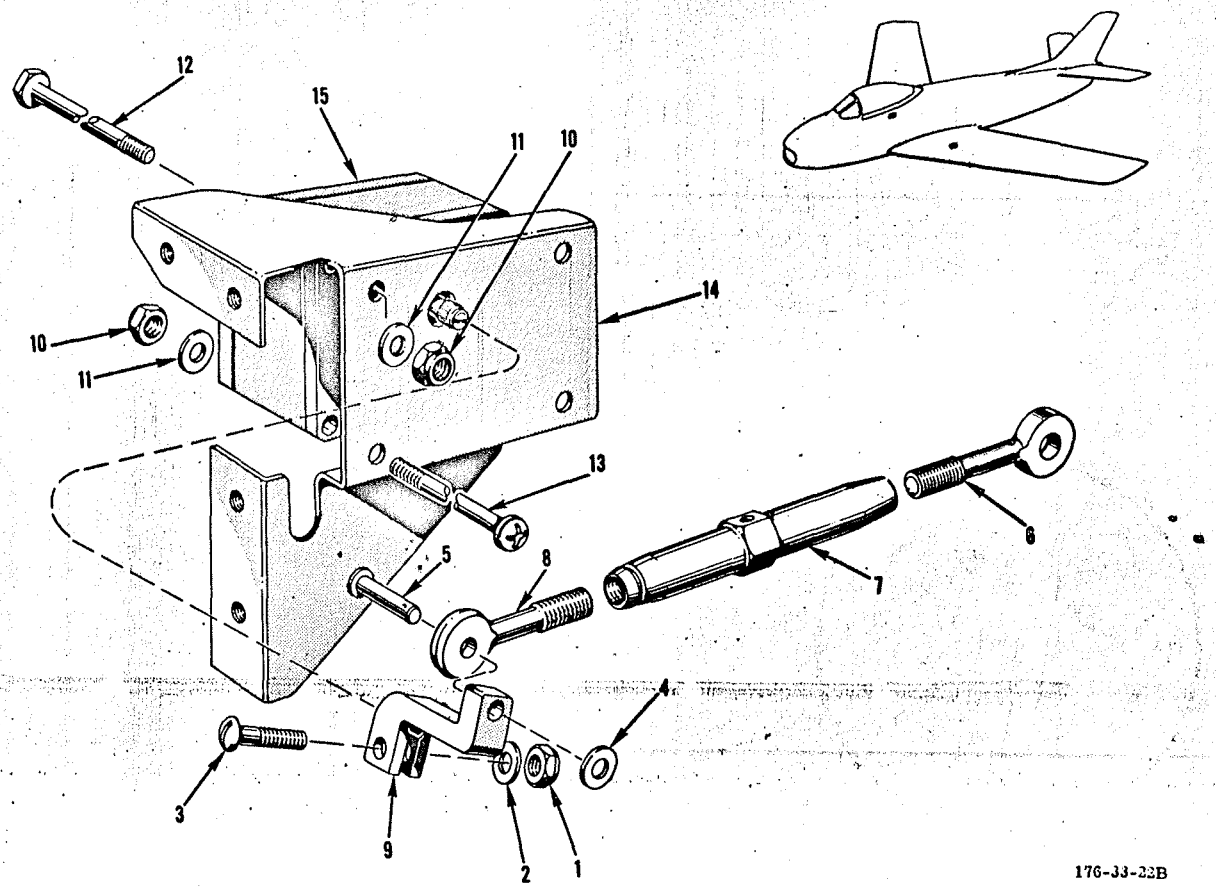


FIGURE 410 - MAIN ALIGHTING GEAR UPLOCK INDICATOR AND SEQUENCE MECHANISM ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
410	176-33821-11	MECHANISM ASSY, Main alighting gear uplock indicating and sequencing LH (see figure 396 for next assembly) (use 176-33821-1 until exh)	Ref	*5
	176-33821-12	MECHANISM ASSY, Main alighting gear uplock indicating and sequencing RH (see figure 396 for next assembly) (use 176-33821-2 until exh)	Ref	*5
-1	AN365-428	. NUT	1	
-2	AN960D416	. WASHER	1	
-3	AN520-416R14	. SCREW	1	*1
-4	AN960D10L	. WASHER	1	
-5	AN393-17	. PIN	1	
-6	176-33828	. EYE, Main alighting gear uplock indicating and sequencing turnbuckle (altered from AN165-32RS)	1	
-7	AN155-32S	. TURNBUCKLE	1	
-8	AN165-22LL	. EYE	1	
-9	176-33829	. ARM, Main LG indicating and sequencing mechanism	1	*1
-10	AN365-1032	. NUT	2	
-11	AN960D10	. WASHER	2	
-12	AN3-22A	. BOLT	1	
-13	NAS221-36	. SCREW, Brazier head Phillips recess alloy steel 10-32	1	
-14	176-33823-1	. BRACKET ASSY, Main alighting gear uplock ind and seq mech LH.	1	
	176-33823-2	. BRACKET ASSY, Main alighting gear uplock ind and seq mech RH.	1	
-15	175-54331	. SWITCH ASSY, Alighting gear hermetically sealed seq double (gear uplock) (LH (see fig. 425 for breakdown)	1	*2
	2HA1L.H.	. SWITCH ASSY, Alighting gear hermetically sealed seq double (gear downlock) (LH) (Micro Switch)	1	*3
	175-54331-10	. SWITCH ASSY, Alighting gear hermetically sealed seq double (gear uplock) (RH) (see fig. 425 for breakdown)	1	*2
	2HA1R.H.	. SWITCH ASSY, Alighting gear hermetically sealed seq double (gear uplock) (RH) (Micro Switch)	1	*4

*1 Use 176-33822 together with AN4-7A until exh.
*2 When exh use 2HA1L.H. and 2HA1R.H.
*3 Use 175-54331 until exh.
*4 Use 175-54331-10 until exh.
*5 For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see figure 93 in the electrical section.

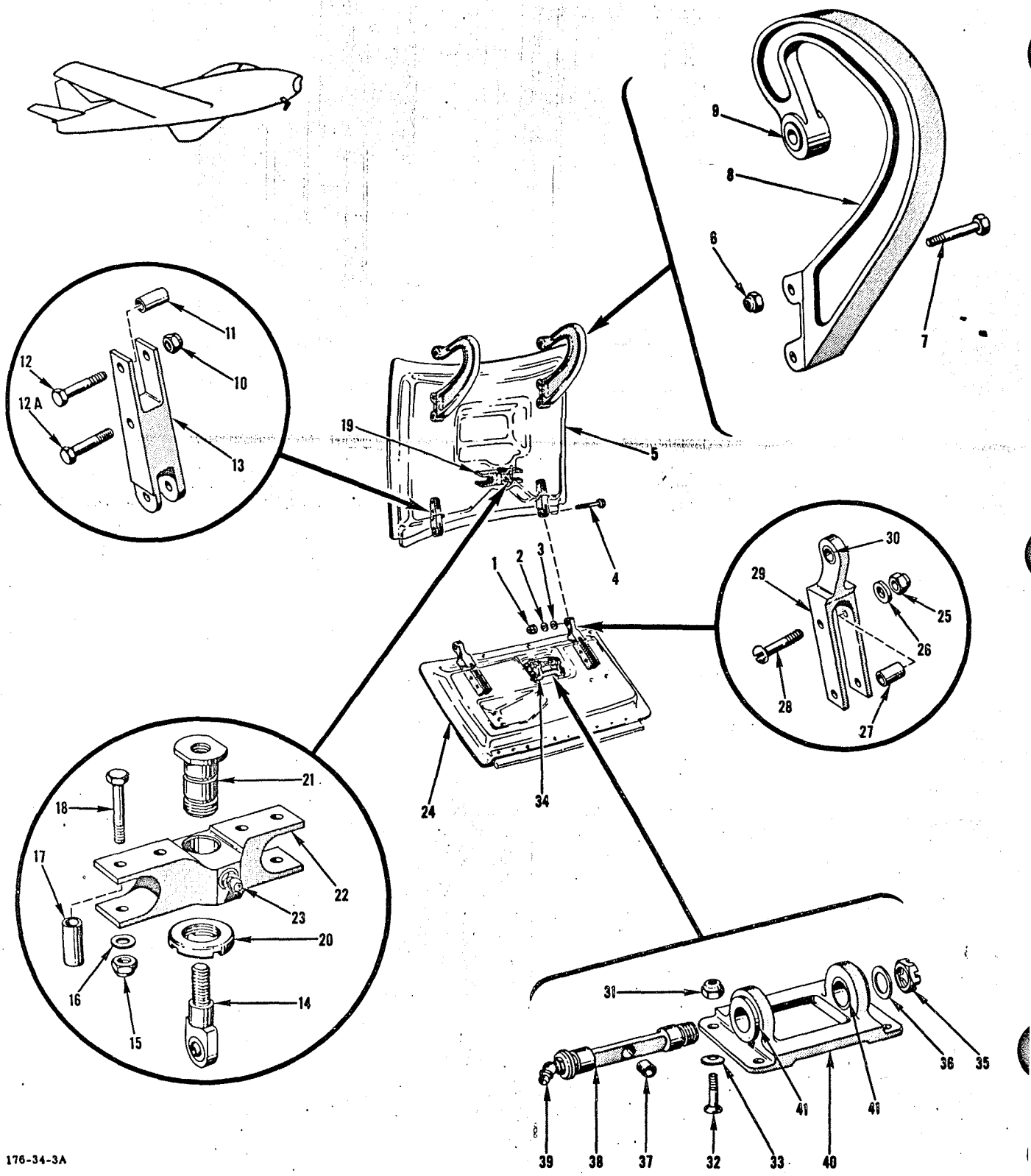
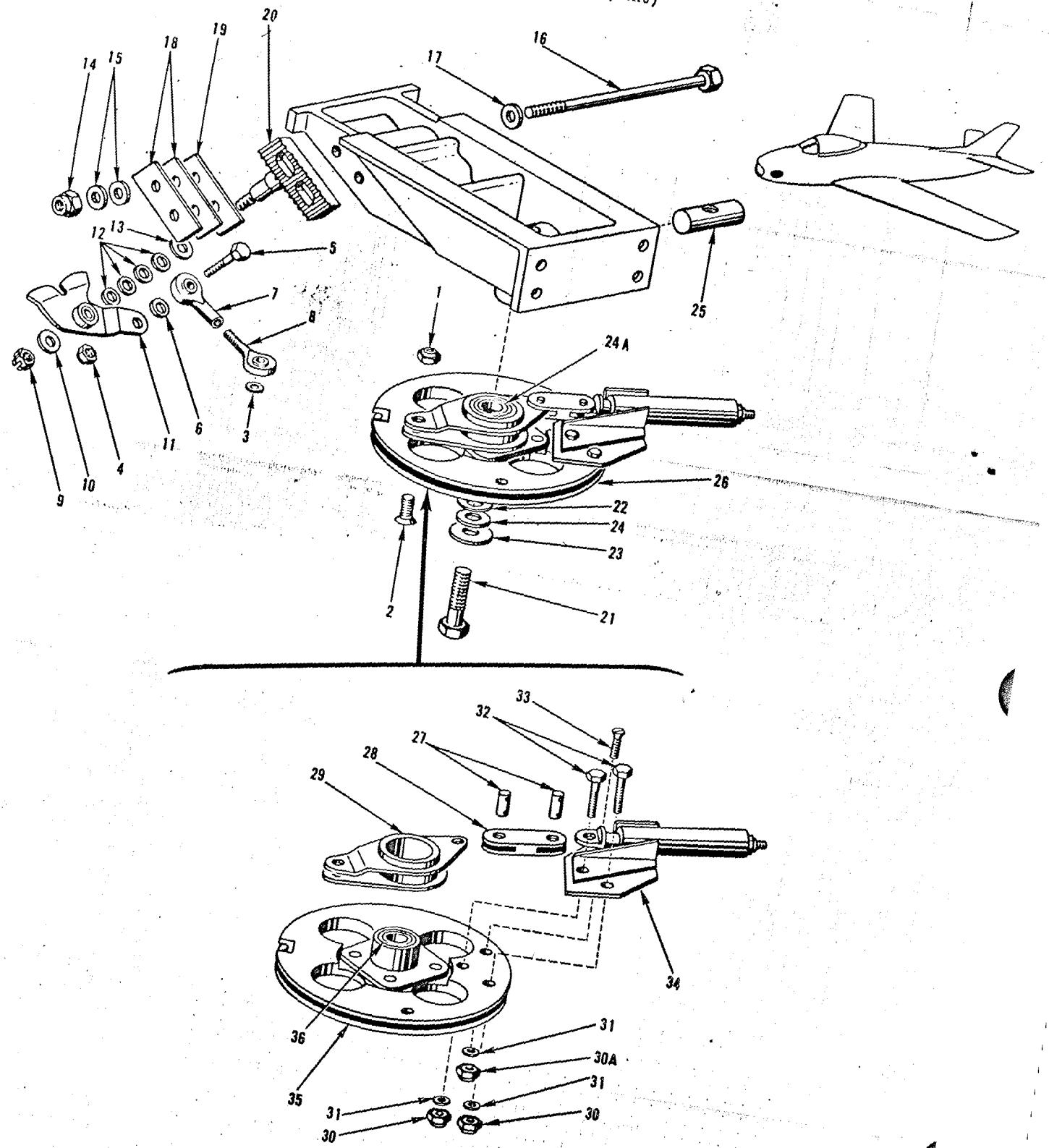


FIGURE 411 - AUXILIARY ALIGHTING GEAR STRUT DOOR ASSEMBLY

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
411	151-34380-10	DOOR ASSEMBLY, Auxiliary landing gear strut (see figure 408 for next assembly)	Ref	
-1	AN310-3	. NUT	2	
-2	AN960-10L	. WASHER	2	
-3	AN960-10	. WASHER	2	
-4	AN3-10	. BOLT	2	
-5	151-34381	. DOOR ASSEMBLY, Auxiliary landing gear strut forward	1	
-6	AN365-1032	. . NUT	4	
-7	AN3-10A	. . BOLT	4	
-8	151-34354	. . FITTING ASSEMBLY, Auxiliary landing gear strut forward door hinge	2	
-9	4B16CF5-9	. . . BEARING, Sintered oil impregnated (North American)	2	
-10	AN365-1032	. . NUT	4	
-11	4S4D6-12	. . SPACER, Rivet (North American)	2	
-12	AN3-11A	. . BOLT	4	
-13	151-34355	. . FITTING, Auxiliary landing gear strut forward door hinge folding	2	
-14	165-34361	. . BOLT, Auxiliary landing gear strut forward door actuating link attaching	1	
	HSB3S	. . . BEARING (Heim)	1	
-15	AN365-1032	. . NUT	4	
-16	AN960A10	. . WASHER	4	
-17	4S3D10-22	. . SPACER, Bolt (North American)	2	
-18	AN3-14A	. . BOLT	4	
-19	151-34358	. . FITTING ASSEMBLY, Auxiliary landing gear strut forward door actuating link attaching	1	
-20	151-34362	. . . NUT, Auxiliary landing gear strut forward door actuating link attaching	1	
-21	151-34360	. . . BUSHING, Auxiliary landing gear strut forward door actuating link attaching	1	
-22	151-34359	. . . SUPPORT ASSEMBLY, Auxiliary landing gear forward strut door actuating	1	
-23	NAS2-101	. . . . FITTING, Lubrication	1	
-24	151-34396	. DOOR ASSEMBLY, Auxiliary landing gear strut aft	1	
-25	AN365-1032	. . NUT	4	
-26	AN960-10L	. . WASHER	4	
-27	4S3-10-12	. . SPACER, Bolt (North American)	4	
-28	NAS221-18	. . SCREW, Brazier head Phillips recess alloy steel 10-32	4	
-29	165-34367-5	. . HINGE ASSEMBLY, Auxiliary landing gear strut rear door folding (right side) (use 151-34367 until exh)	1	
	176-34367-5	. . HINGE ASSEMBLY, Auxiliary landing gear strut rear door folding (left side) (use 151-34397 until exh)	1	
-30	4B16CP3-8	. . . BEARING, Sintered oil impregnated (North American)	1	
-31	AN365-1032	. . NUT	4	
-32	NAS205-8	. . SCREW, 100° Flat head Phillips recess alloy steel 10-32 (left side)	2	
	NAS205-9	. . SCREW, 100° Flat head Phillips recess alloy steel 10-32 (right side)	2	
-33	2W4-2	. . WASHER (North American)	4	
-34	151-34370	. . FITTING ASSEMBLY, Auxiliary landing gear strut rear door actuating link attaching	1	
-35	AN320-6	. . . NUT	1	
-36	AN960-616L	. . . WASHER	1	
	AN960D616	. . . WASHER	1	
	2W1-32-24-20	. . . WASHER, Plain (North American)	AR	
	2W1-32-24-10	. . . WASHER, Plain (North American)	AR	
-37	151-34375	. . . BUSHING, Auxiliary landing gear strut rear door bolt	1	
-38	151-34374	. . . BOLT ASSEMBLY, Auxiliary landing gear strut rear door actuating	1	
-39	NAS2-201	. . . . FITTING, Lubrication	1	
-40	151-34371	. . . SUPPORT, Auxiliary landing gear strut rear door actuating	1	
-41	4B20B8-010	. . . . BUSHING, Press-fit flanged (North American)	2	

ALIGHTING GEAR (Cont)



F-86F-4-34-9A

FIGURE 412 - AUXILIARY ALIGHTING GEAR STEERING PULLEY EQUIPMENT

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
412	No Number	AUXILIARY GEAR STEERING PULLEY EQUIPMENT (see figure 402 for next assembly)	NP	
-1	AN365-1032	. NUT	1	
-2	AN509-10-12	. SCREW	1	
-3	AN960-10L	. WASHER	1	
-4	AN365-1032	. NUT	1	
-5	AN3-6A	. BOLT	1	
-6	AN960-10	. WASHER	1	
-7	151-34667	. ROD END ASSEMBLY, Landing gear steering	1	
-8	151-34668	. ROD END ASSEMBLY, Landing gear steering adjustable	1	
	LS3	. . BEARING (Heim)	1	
-9	AN310-4	. NUT	1	
-10	AN960-416	. WASHER	1	
-11	151-34654	. CLUTCH ASSEMBLY, Auxiliary landing gear steering	1	
	4B16CP6-14	. . BEARING, Sintered oil impregnated (North American)	1	
-12	2W1-24-20-016	. WASHER, Plain (North American)	AR	
-13	2W1-24-20-031	. WASHER, Plain (North American)	1	
-14	AN365-428	. NUT	2	
-15	AN960-416	. WASHER	4	
-16	AN4-26A	. BOLT	2	
-17	AN960-416L	. WASHER	2	
-18	151-34665	. SHIM, Auxiliary landing gear steering clutch adjusting	AR	
-19	151-34664	. PLATE, Auxiliary landing gear steering clutch adjusting	1	
-20	151-34666	. FITTING, Auxiliary landing gear steering clutch support	1	
-21	AN4-16A or	. BOLT	1	
	AN4-17A	. BOLT	1	
-22	2W1-28-24-063	. WASHER, Plain (North American)	AR	
-23	2W1-18-20-63	. WASHER, Plain (North American)	2	
-24	2W1-28-24-020	. WASHER, Plain (North American)	AR	
-24A	NAS72-4-005	. BUSHING, Clamp-up steel chrome plated	1	
-25	32-1452-.048	. BARREL, Nut	1	
-26	151-34680	. PULLEY ASSY, Auxiliary alighting gear steering overload	1	
-27	151-34686	. . PIN, Auxiliary alighting gear steering overload link	2	
-28	151-34684	. . LINK, Auxiliary alighting gear steering overload	1	
-29	151-34685	. . LEVER ASSEMBLY, Auxiliary alighting gear steering actuating overload	1	
-30	AN365-1032	. . NUT	2	
-30A	AN364-1032	. . NUT	1	
-31	AN960C10L	. . WASHER	3	
-32	AN3-5A	. . BOLT	2	
-33	AN509-10-11	. . SCREW	1	
-34	151-34681	. . BUNGEE ASSY, Auxiliary alighting gear steering overload (see T. O. 16C1-1-114 for breakdown)	1	
-35	151-34660-10	. . PULLEY ASSEMBLY, Auxiliary landing gear steering actuating	1	
	151-34687	. . BEARING ASSEMBLY, Auxiliary alighting gear actuating	1	
-36	4B16CP7-7	. . . BEARING, Sintered oil impregnated (North American)	1	

ALIGHTING GEAR (Cont)

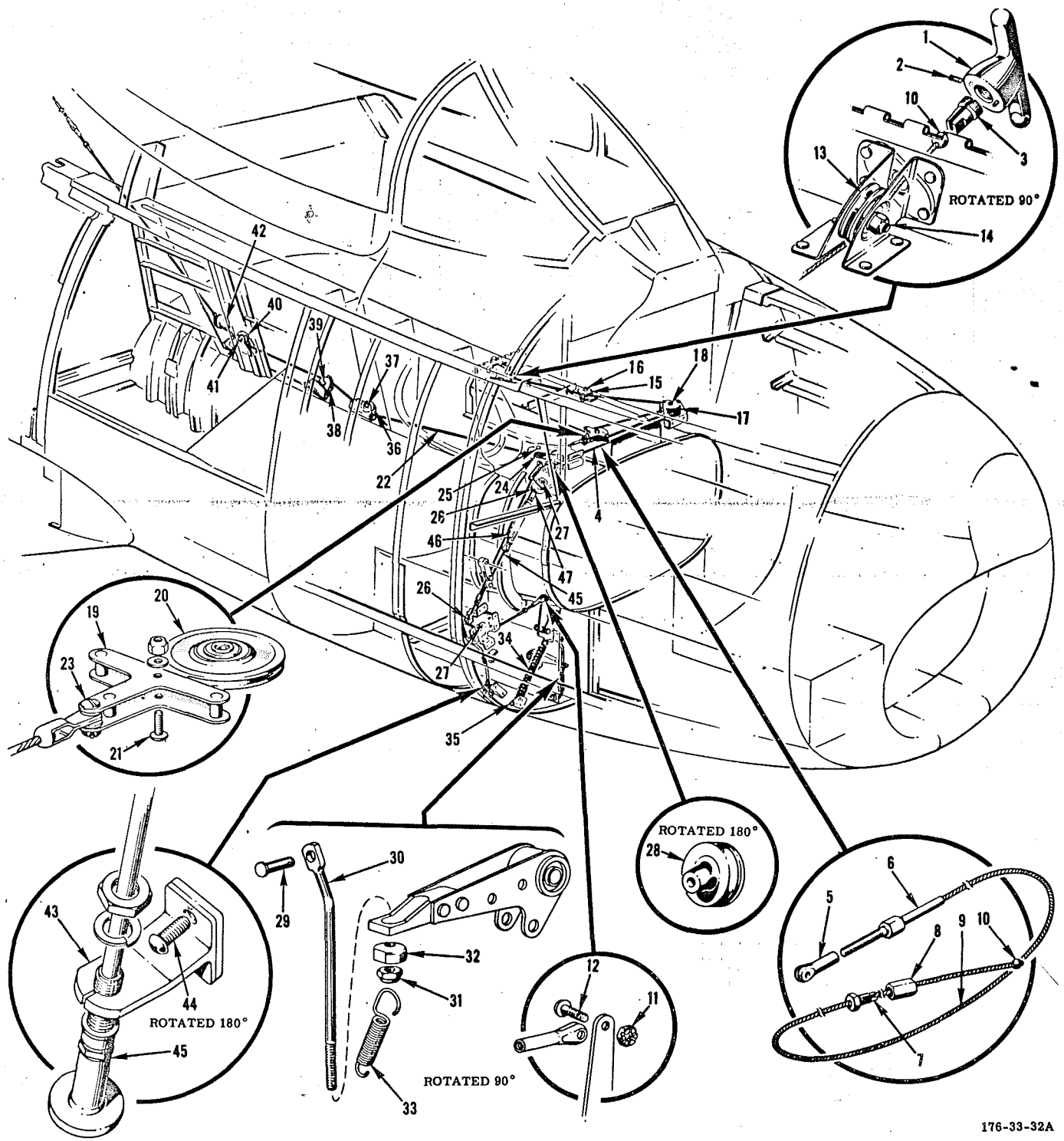


FIGURE 413 - LANDING GEAR EMERGENCY CONTROLS

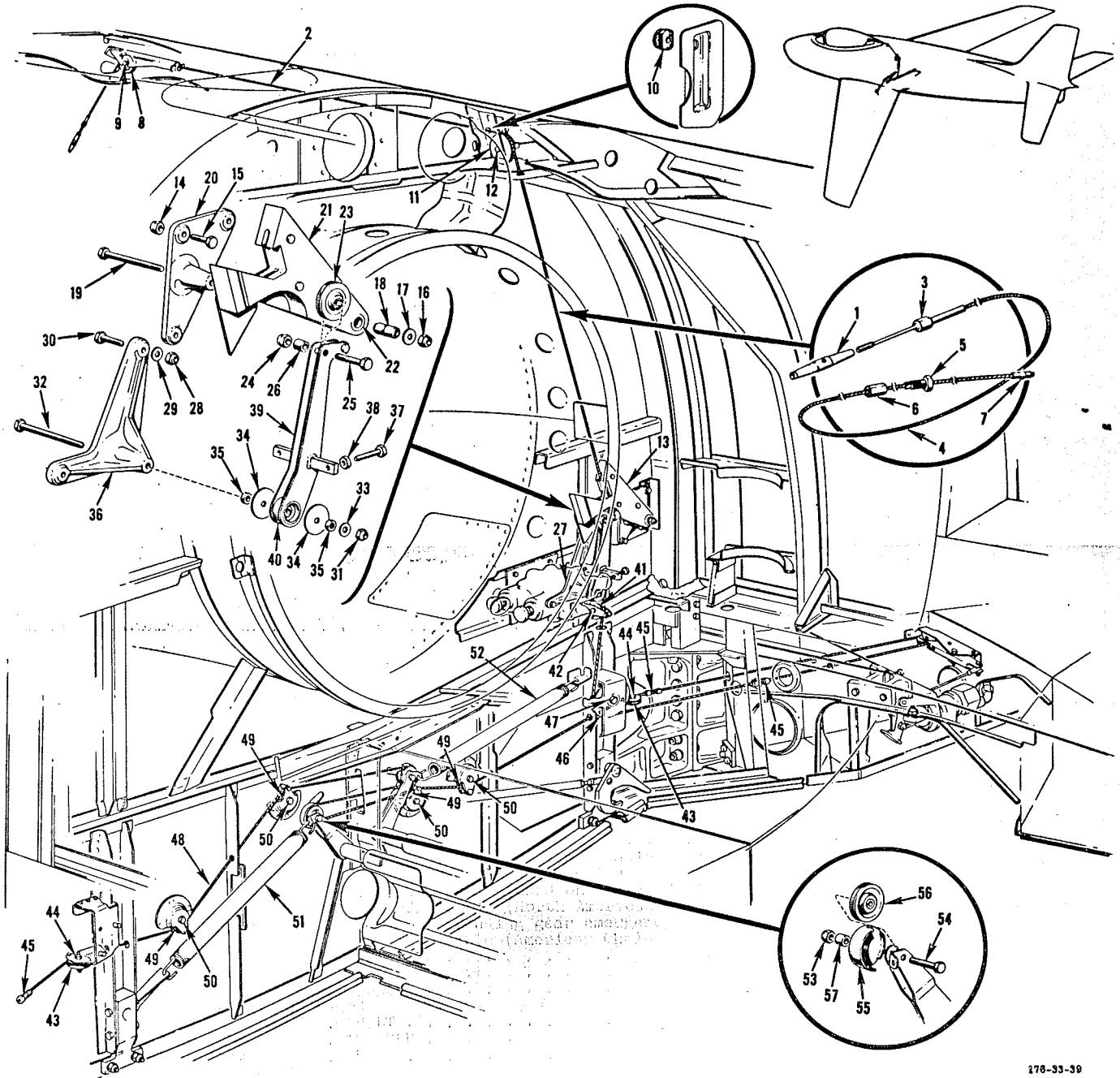
FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
413	151-33601-20	LANDING GEAR INSTL, Emer control (see fig. 414 for breakdown) .	NP	
-1	5H2-9	. HANDLE, (North American) (use 120-33548 until exh)	1	
-2	AN565A4-5	. SCREW	1	
-3	151-33619	. GUIDE, Main landing gear emergency down cable	1	
-4	151-33635-11	. CABLE ASSY, LG emer fwd (whn exh use 151-33635-13)	1	
	151-33635-13	. CABLE ASSY, LG emer release fwd (use 151-33635-11 until exh) .	1	
-5	AN665-21L	. . TERMINAL	1	

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
413-6	AN666-3	. .	TERMINAL	1	
-7	23-52453	. .	SCREW, Rudder balance cable pedal locking (use on 151-33635-11 only)	1	
	1L1-3H	. .	LOCK, Cable (used on 151-33635-13 only)	1	
-8	1L1-2	. .	LOCK, Cable (North American)	1	
-9	151-33635-9	. .	CABLE, Landing gear emergency release forward	1	
-10	RA2487-3	. .	BALL, Cable (American Chain and Cable)	1	
-11	AN320-3	.	NUT	1	
-12	AN23-9	.	BOLT	1	
-13	AN210-1B	.	PULLEY	1	
	ATTACHING PARTS				
-14	AN3-7A	.	BOLT	1	
	AN960-10L	.	WASHER	1	
	AN365-1032	.	NUT	1	
	---*---				
-15	AN210-1B	.	PULLEY	1	
	ATTACHING PARTS				
-16	AN3-7A	.	BOLT	1	
	---*---				
-17	AN210-2B	.	PULLEY	2	
	ATTACHING PARTS				
-18	AN3-12A	.	BOLT	1	
	AN960-10	.	WASHER	1	
	AN365-1032	.	NUT	1	
	---*---				
-19	130-33508	.	TERMINAL ASSY, Main landing gear emer lock release cable	1	
-20	AN210-2B	.	PULLEY	1	
	ATTACHING PARTS				
-21	AN520-10R8	.	SCREW	1	
	AN960-10	.	WASHER	1	
	AN365-1032	.	NUT	1	
	---*---				
-22	151-33638-10	.	CABLE ASSY, Landing gear emer release main gear forward	1	
-23	AN23-12	.	BOLT	1	
	AN960D10L	.	WASHER	1	
	AN320-3	.	NUT	1	
-24	AN210-2B	.	PULLEY	1	
	ATTACHING PARTS				
-25	AN3-10A	.	BOLT	1	
	4S3-10-4	.	SPACER, Bolt (North American)	1	
	AN960-10	.	WASHER	1	
	AN365-1032	.	NUT	1	
	---*---				
-26	AN210-2B	.	PULLEY	1	
	ATTACHING PARTS				
-27	AN3-6A	.	BOLT	1	
	AN365-1032	.	NUT	1	
	---*---				
-28	151-33633	.	GROMMET, Landing gear emer release fus sta 53.5 press. seal	1	
-29	AN393-19	.	PIN	1	
-30	151-33637	.	ROD, LG emer release auxiliary wheel door lock adjusting	1	
-31	AN365-1032	.	NUT	1	
-32	140-33652	.	WASHER, LG emer release auxiliary gear wheel door lock	1	
-33	120-63210	.	SPRING, LG emer release auxiliary gear wheel door lock actuating rod	1	
-34	151-33646	.	SPRING, LG emer release aux wheel door lock actuating arm	1	
-35	AN24-25H	.	BOLT	1	
	AN364-428	.	NUT	1	
-36	AN210-1B	.	PULLEY	1	
	ATTACHING PARTS				
-37	AN3-11A	.	BOLT	1	
	NAS43DD3-20	.	SPACER, Screw and bolt	1	
	AN960D10	.	WASHER	1	
	AN365-1032	.	NUT	1	
	---*---				
-38	AN210-1B	.	PULLEY	1	
	ATTACHING PARTS				
-39	AN3-7A	.	BOLT	1	
	AN960C10L	.	WASHER	1	
	AN960D10	.	WASHER	1	
	AN365-1032	.	NUT	1	
	---*---				
-40	AN210-1B	.	PULLEY	1	
	ATTACHING PARTS				
-41	AN3-6A	.	BOLT	1	
	AN365-1032	.	NUT	1	
	---*---				
-42	140-33636	.	SEAL, LG emer release fus sta 117 1/2 press.	1	
-43	172-33615-11 *1	.	SUPPORT ASSY, Emer LG selector valve reset cable	1	A
-44	AN515-8R8 *1	.	SCREW	2	A
-45	3A1064	.	CONTROL ASSY, Push pull (type 849-10)(Shakespeare) (North American Spec 172-933004)	1	A
-46	172-33616	.	SPRING, Tension	1	A
-47	172-33612	.	LINK, Emer LH selector valve reset cable spring	1	A

*1 Use 172-33615 together with AN515-8R8 until exh.
USEABLE ON CODE: A 51-2850 thru 53-1228

ALIGHTING GEAR (Cont)



176-33-39

FIGURE 414 - LANDING GEAR EMERGENCY CONTROLS (Continued)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
414	151-33601-20	LANDING GEAR INSTL, Emergency controls (see figure 413 for additional breakdown)	NP	
-1	AN155-16S	. BARREL	1	
-2	151-33639	. CABLE ASSY, Landing gear emer release main gear aft (whn exh use 151-33639-11)	1	
	151-33639-11	. CABLE ASSY, Landing gear emer release main gear aft (use 151-33639 until exh)	1	
-3	AN669S3	. . TERMINAL	1	
-4	151-33639-3	. . CABLE, Main landing gear emergency release aft	1	
-5	23-52453	. . SCREW, Rudder balance cable pedal locking (used on 151-33639 only)	1	
	1L1-3H	. . LOCK, Cable (used on 151-33639-11 only)	1	
-6	1L1-2	. . LOCK, Cable (North American) (used on 151-33639 only)	1	
	1L1-2H	. . LOCK, Cable (used on 151-33639-11 only)	1	
-7	AN663C3	. . TERMINAL	1	
-8	AN210-2B	. PULLEY	1	
	ATTACHING PARTS			
-9	AN3-6A	. BOLT	1	

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
414	AN365-1032		NUT	1	
		---*---			
-10	151-33632		GROMMET, LG emer release fus sta 178 upper pulley vapor seal	1	
-11	AN210-2B		PULLEY	1	
		ATTACHING PARTS			
-12	AN3-7A		BOLT	1	
	AN960-10L		WASHER	1	
	AN365-1032		NUT	1	
		---*---			
-13	151-33644		FITTING ASSY, LG emer release sequence valve lock arm support	1	
		ATTACHING PARTS			
-14	AN365-1032		NUT	3	
-15	AN3-5		BOLT	3	
		---*---			
-16	AN365-1032		NUT	1	
-17	2W1-13-16-42		WASHER, Plain (North American)	2	
-18	NAS73-3-012		BUSHING, Clamp-up steel cadmium plated	1	
-19	AN3-21A		BOLT	1	
-20	151-33645		SUPPORT, LG emer release sequence valve lock arm	1	
-21	151-33628		ARM ASSY, Landing gear release sequence valve lock	1	
-22	NAS75-6-032		BUSHING, Plain press fit steel	1	
-23	AN210-1B		PULLEY	1	
		ATTACHING PARTS			
-24	AN365-1032		NUT	1	
-25	AN3-10A		BOLT	1	
-26	4S3-10-10		SPACER, Bolt (North American)	1	
		---*---			
-27	151-33630		FITTING ASSY, Landing gear emergency release sequence valve actuating arm support	1	A
	151-33630-10		FITTING ASSY, Landing gear emergency release sequence valve actuating arm support	1	B
		ATTACHING PARTS			
-28	AN365-1032		NUT	3	
-29	AN960-10		WASHER	3	
-30	AN3-6A		BOLT	3	
		---*---			
-31	AN365-1032		NUT	1	
-32	AN3-22A		BOLT	1	
-33	AN960D10L		WASHER	1	
-34	2W1-12-12-125		WASHER, Plain (North American)	2	
-35	2W1-12-32-32		WASHER, Plain (North American)	2	
-36	151-33631		SUPPORT, LG emer release sequence valve actuating arm	1	
-37	5B1-10		BOLT, Adjustment 1/8 (North American)	2	A
	5B1-5		BOLT, Adjustment 1/8 (North American)	2	B
-38	AN315-3		NUT	2	
-39	151-33627		ARM ASSY, LG emer release sequence valve actuating	1	A,*1
	172-33627		ARM ASSY, LG emer release sequence valve actuating	1	B,*2
	191-33627		ARM ASSY, LG emer release sequence valve actuating	1	
-40	HSK3L		BEARING (Halfco)	1	*3
	AN200K3SL		BEARING	1	*4
-41	AN210-1B		PULLEY	1	
		ATTACHING PARTS			
-42	AN3-6A		BOLT	1	
	AN960D10		WASHER	1	
	AN365-1032		NUT	1	
		---*---			
-43	AN210-1B		PULLEY	2	
		ATTACHING PARTS			
-44	AN3-6A		BOLT	2	
	AN365-1032		NUT	2	
		---*---			
-45	RA2258-3		TERMINAL (American Chain and Cable)	3	
-46	AN210-2B		PULLEY	1	
		ATTACHING PARTS			
-47	AN3-6A		BOLT	1	
		---*---			
-48	151-33641		CABLE ASSY, Landing gear emergency release LH	1	
-49	AN210-1B		PULLEY	4	
		ATTACHING PARTS			
-50	AN3-6A		BOLT	4	
		---*---			
-51	140-33635		SPRING, Main LG emer release system hold back LH	1	
-52	140-33630		SPRING, Main LG emer release system hold back RH	1	
-53	AN364-1032		NUT	2	
-54	AN3-7A		BOLT	2	
-55	140-33620		GUARD, LG emergency release torque shaft cable	2	
-56	AN210-1B		PULLEY	2	
-57	4S3-10-6		SPACER, Bolt (North American)	2	

*1 Use 151-33627 until exh, when exh use 191-33627 together with 5B1-10 and AN315-3.
*2 Use 172-33627 until exh, when exh use 191-33627 together with 5B1-5 and AN315-3.
*3 Used on 151-33627 only.
*4 Used on 172-33627 and 191-33627 only.
USEABLE ON CODE: A 51-2850 thru 51-2927 B 51-2928 and subs

ALIGHTING GEAR (Cont)

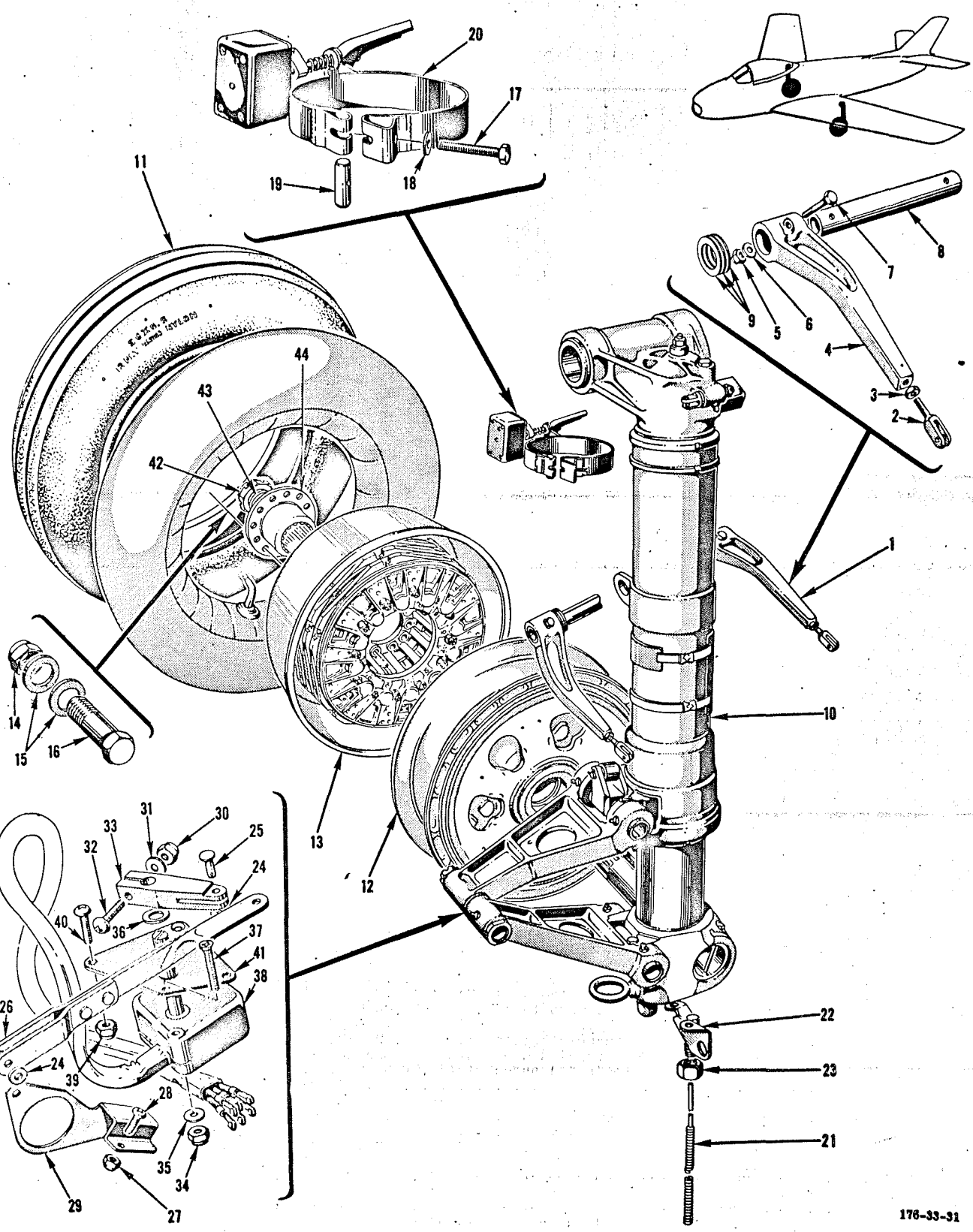


FIGURE 415 - MAIN LANDING GEAR CHASSIS ASSEMBLY

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
415	151-33101-31	CHASSIS ASSY, Main LG LH (see fig. 395 for next assembly)	Ref	A
	151-33101-32	CHASSIS ASSY, Main LG RH (see fig. 395 for next assembly)	Ref	A
	151-33101-21	CHASSIS ASSY, Main LG LH (see fig. 395 for next assembly)	Ref	B
	151-33101-22	CHASSIS ASSY, Main LG RH (see fig. 395 for next assembly)	Ref	B
	151-33101-41	CHASSIS ASSY, Main LG LH (see fig. 395 for next assembly)	Ref	C
	151-33101-42	CHASSIS ASSY, Main LG RH (see fig. 395 for next assembly)	Ref	C
-1	151-33359	. LINK ASSEMBLY, Main landing gear strut door actuating	2	
-2	140-33361	. . END, Main landing gear strut door link	1	
-3	AN316-5R	. . NUT	1	
-4	172-33360-3	. LINK, Main LG strut door (use 151-33360-3 until exh)	1	
-5	AN365-1032	. NUT	2	
-6	AN960-10	. WASHER	2	
-7	AN3-14A	. BOLT	2	
-8	140-33356-5	. PIN, Main landing gear strut door link attaching	1	
-9	AN960-1016	. WASHER	6	
-10	9153A-L	. STRUT ASSY, Main LG shock LH (Cleveland Pneumatic) (North American Spec 173-933102-3)	1	*1
	9153A-R	. STRUT ASSY, Main LG shock RH (Cleveland Pneumatic) (North American Spec 173-933102-4)	1	*1
-11	No Number	. CASING, 26 x 6.6 extra high pressure 14 ply type VII (Spec MIL-C5041A) (GFAE)	1	*2
	No Number	. TUBE, 26 x 6.6 extra high pressure type VII (Spec MIL-T5014A). (AERNO 41-7373) (GFAE)	1	
-12	147063	. WHEEL ASSY, Landing 26 in. x 6.6 E.H.P. type VII (Spec MIL-W5013A) (AERNO 41-7370) (Bendix Aviation) (GFAE)	1	*3
-13	147062	. BRAKE ASSY, Special 11 1/2 x 8.4 rotor disconnect type VII (Spec MIL-W5013A) (AERNO 41-7371) (Bendix Aviation)(GFAE)	1	*3
	ATTACHING PARTS			
-14	AN363-820	. NUT	12	
-15	AN960-816	. WASHER	24	
-16	AN8-14A	. BOLT	12	
	---*---			
-17	5B1-15DH	. BOLT Adjustment 1/8 (North American)	1	A,*4
-18	AN960-10	. WASHER	1	A,*4
-19	140-54104	. PIN, Main LG down position indicator switch clamp	1	A,*4
-20	151-54200-11	. CLAMP ASSY, Elec main LG down position indicator switch complete LH (see figure 384 for breakdown)	1	A,*4
	151-54200-12	. CLAMP ASSY, Elec main LG down position indicator switch complete RH (see figure 384 for breakdown)	1	A,*4
-21	6G1-25-0	. WIRE ASSY, Static ground (North American) (LH only).	1	
-22	140-58373-1	. BRACKET ASSY, Hydraulic brake main landing gear axle LH	1	
	140-58273-2	. BRACKET ASSY, Hydraulic brake main landing gear axle RH	1	D
	140-58373-10	. BRACKET ASSY, Hydraulic brake main landing gear axle RH	1	E
-23	41A4104	. NUT, Static ground wire attaching plate	1	
-24	AN960-6L	. WASHER	2	A,*4
-25	AN392-11	. PIN	2	A,*4
-26	151-54222	. LINK ASSY, Main landing gear sequence safety switch	1	A,*4
-27	AN365-632	. NUT	2	A,*4
-28	AN515-6R8	. SCREW	2	A,*4
-29	151-54224-1	. BELLCRANK, Main landing gear sequence safety LH	1	A,*4
	151-54224-2	. BELLCRANK, Main landing gear sequence safety RH	1	A,*4
-30	AN365-632	. NUT	1	A,*4
-31	AN960-6L	. WASHER	1	A,*4
-32	AN515-6R10	. SCREW	1	A,*4
-33	140-54157	. ARM, Landing gear steering safety switch	1	A,*4
-34	AN365-632	. NUT	2	A,*4
-35	AN960-6L	. WASHER	2	A,*4
-36	AN960-416L	. WASHER	2	A,*4
-37	AN507-632R20	. SCREW	2	A,*4
-38	151-54251-10	. SWITCH ASSY, AN3234 sealed housing gear safety (see figure 406 for breakdown)	1	A,*4
-39	AN365-1032	. NUT	2	A,*4
-40	AN520-10R10	. SCREW	2	A,*4
-41	151-54256	. PLATE, AN3234 electrical switch mounting LH	1	A,*4
	151-54258	. PLATE, AN3234 electrical switch mounting RH	1	A,*4
-42	AN7502-32	NUT	Ref	*5
-43	8657-65	WASHER, Main landing gear brake (Cleveland Pneumatic)	Ref	*5
-44	9147-61A	FLANGE, Main landing gear brake (Cleveland Pneumatic)	Ref	*5

*1 Use Cleveland Pneumatic 9151L and 9151R or 9153L and 9153R until exh (Refer to T. O. 4S-1-54 for breakdown)

*2 Intrch wth 26 x 6.6 extra high pressure 14 ply type VII or 12 ply type VIIB, Spec MIL-C5041.

*3 146351 brake assy is interchangeable with 147062 brake assy and 146352 wheel assy is interchangeable with 147063 wheel assy. Due to the weight difference between the F-86A, E & F airplanes, it is recommended that the 147062 brake assy and 147063 wheel assy only be used.

*4 Not used on airplanes modified in accordance with T. O. 1F-86-120; for airplanes that have been reworked in accordance with T. O. 1F-86-120 see fig. 396.

*5 Furnished as component part of Cleveland Pneumatic shock strut assy 9153A-L/R.

USEABLE ON CODE: A 51-2850 thru 51-2927 D 51-2850 thru 52-5530
B 51-2928 thru 51-13169 E 53-1072 and subs
C 51-13170 and subs

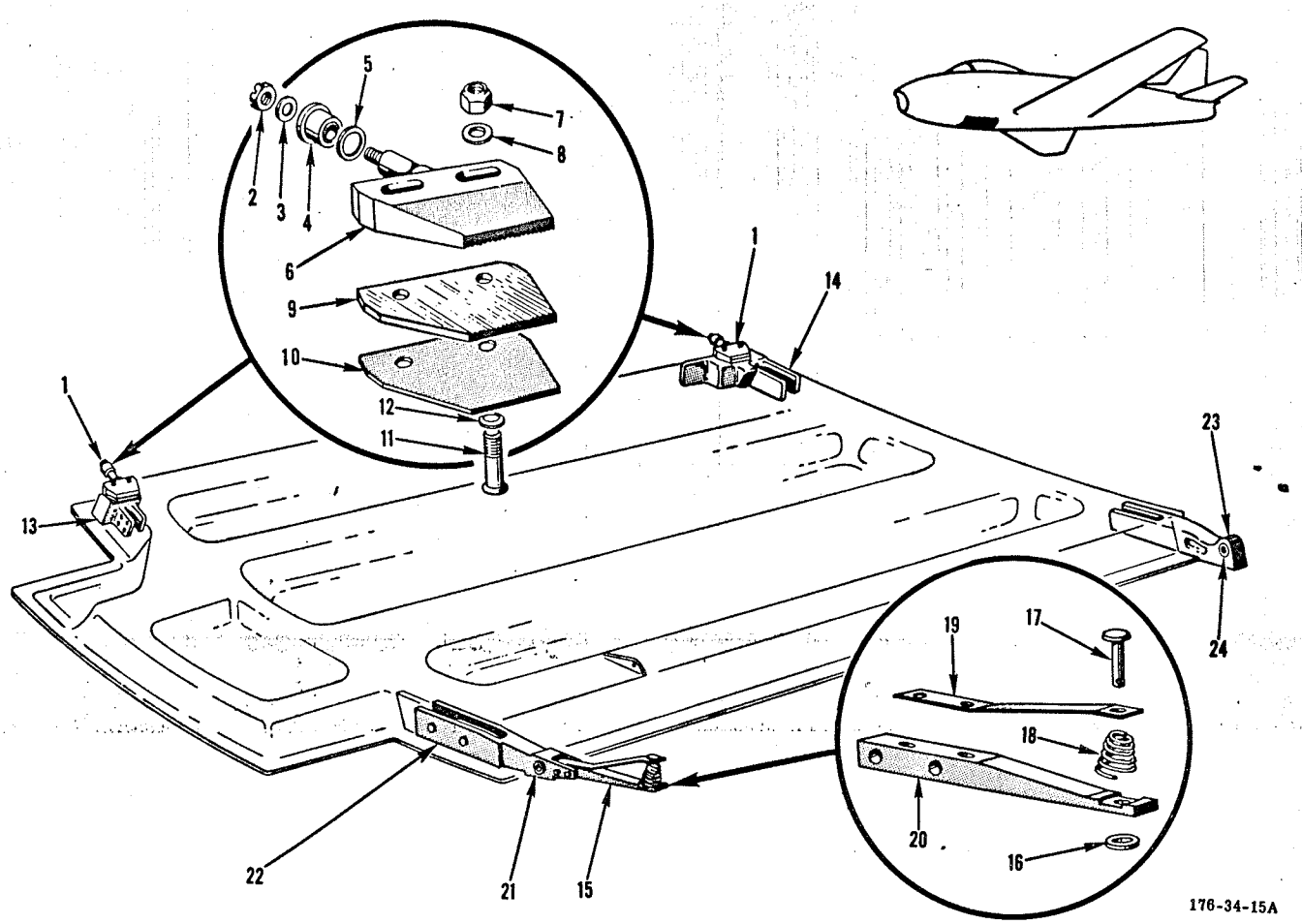


FIGURE 416 - AUXILIARY LANDING GEAR WHEEL DOOR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
416	140-34301	DOOR ASSY, Auxiliary LG wheel (see figure 408 for next assy)	Ref	A,*1
	140-34301-50	DOOR ASSY, Auxiliary LG wheel (see figure 408 for next assembly)	Ref	
-1	140-34306	. LOCK ASSEMBLY, Auxiliary landing gear wheel door	2	
-2	AN320-4	. . NUT	1	
-3	2W1-16-24-63	. . WASHER, Plain (North American)	1	
-4	140-34307	. . ROLLER ASSY, Auxiliary landing gear wheel door locking	1	
-5	2W1-24-24-50	. . WASHER, Plain (North American)	1	
-6	170-34309-3	. . FITTING, Aux LG wheel door locking (use 140-34309 until exh)	1	
-7	AN365-428	. NUT	4	
-8	AN960-416	. WASHER	4	
-9	140-34310	. PLATE, Auxiliary landing gear wheel door locking	2	
-10	140-34311	. SHIM, Auxiliary landing gear wheel door locking	AR	
-11	NAS206-46	. SCREW, 100° flush head Phillips recess alloy steel 1/4-28 (fwd)	2	
	NAS206-45	. SCREW, 100° flush head Phillips recess alloy steel 1/4-28 (aft)	2	
-12	A3475-.020	. WASHER, (Tinnerman)	4	
-13	140-34304	. BLOCK, Auxiliary landing gear wheel door lock back-up fwd	1	
-14	140-34305	. BLOCK, Auxiliary landing gear wheel door aft lock back-up	1	
	140-34302-13	. HINGE ASSY, Auxiliary landing gear wheel door fwd	1	A
	140-34302-11	. HINGE ASSY, Auxiliary landing gear wheel door fwd	1	
-15	151-54265	. . ARM ASSY, Aux LG wheel door electric sequence switch	1	A
-16	2W1C8-12-018	. . . WASHER, Plain (North American)	1	A
-17	151-54264-3	. . . PIN, Auxiliary LG wheel door elec sequence switch	1	A
-18	151-54266	. . . SPRING, Alighting wheel door elec sequence switch	1	A
-19	151-54262	. . . GUIDE, Auxiliary landing gear wheel door electric sequence switch actuating	1	A
-20	151-54263	. . . ARM, Aux LG wheel door elec sequence switch	1	A
-21	4B16CF7-13	. . BEARING, Sintered oil impregnated (North American)	2	
-22	140-34302-3	. . FITTING, Aux LG wheel door electric sequence switch	1	
	140-34301-6	. CHANNEL, Aux LG wheel door assembly	1	
-23	140-34303	. HINGE ASSY, Auxiliary landing gear wheel door aft	1	
-24	4B16CF7-13	. . BEARING, Sintered oil impregnated (North American)	2	

*1 This assembly has been removed from airplanes reworked in accordance with T. O. 1F-86-120.
USEABLE ON CODE: A 51-2850 thru 51-2927

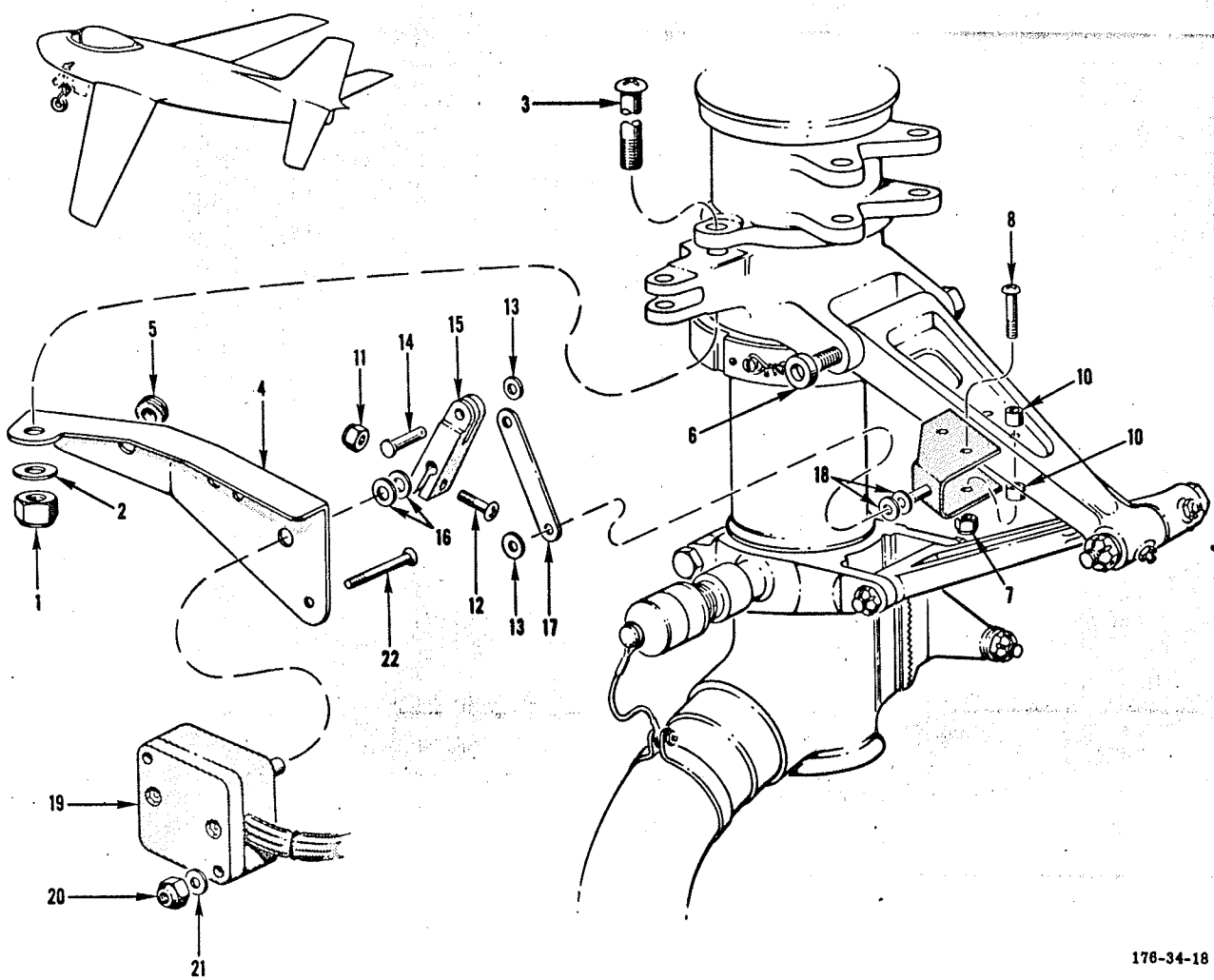


FIGURE 417 - NOSE WHEEL STEERING SAFETY SWITCH AND RELATED EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
417	No Number	NOSE WHEEL STEERING SAFETY SWITCH AND RELATED EQUIPMENT (see figure 403 for next assembly)	NP	A,*1
-1	AN365-632	NUT	1	A,*1
-2	AN960C6	WASHER	1	A,*1
-3	AN515-6R16	SCREW	1	A,*1
-4	151-54389	BRACKET ASSY, Elec switch to auxiliary LG mounting	1	A,*1
-5	AN931-4-7	GROMMET	1	A,*1
-6	4S3-616-6	SPACER, Bolt (North American)	1	A,*1
-7	AN365-632	NUT	2	A,*1
-8	AN515-6R18	SCREW	2	A,*1
-9	151-54413	BRACKET ASSY, Electrical aux wheel steering safety switch	1	A,*1
-10	4S3-6-10	SPACER, Bolt (North American)	4	A,*1
-11	AN365-632	NUT	1	A,*1
-12	AN515-6R10	SCREW	1	A,*1
-13	AN960-6	WASHER	2	A,*1
-14	AN392-11	PIN	1	A,*1
-15	140-54157	ARM, Nose wheel steering safety switch	1	A,*1
-16	AN960D416	WASHER	2	A,*1
-17	151-54153	LINK, Nose wheel steering safety switch actuator	1	A,*1
-18	AN960-6L	WASHER	2	A,*1
-19	151-54251	SWITCH ASSY, Elec AN3234 sealed housing (gear safety) (see figure 406 for detail breakdown)	1	A,*1
		ATTACHING PARTS		
-20	AN365-632	NUT	2	A,*1
-21	AN960-6L	WASHER	2	A,*1
-22	AN507-632R20	SCREW	2	A,*1

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*1 Not used on airplanes modified per T. O. 1F-86-120. For airplanes that have been reworked in accordance with T. O. 1F-86-120 see figures 404 and 427

USEABLE ON CODE: A 51-2850 thru 51-2927

ALIGHTING GEAR (Cont)

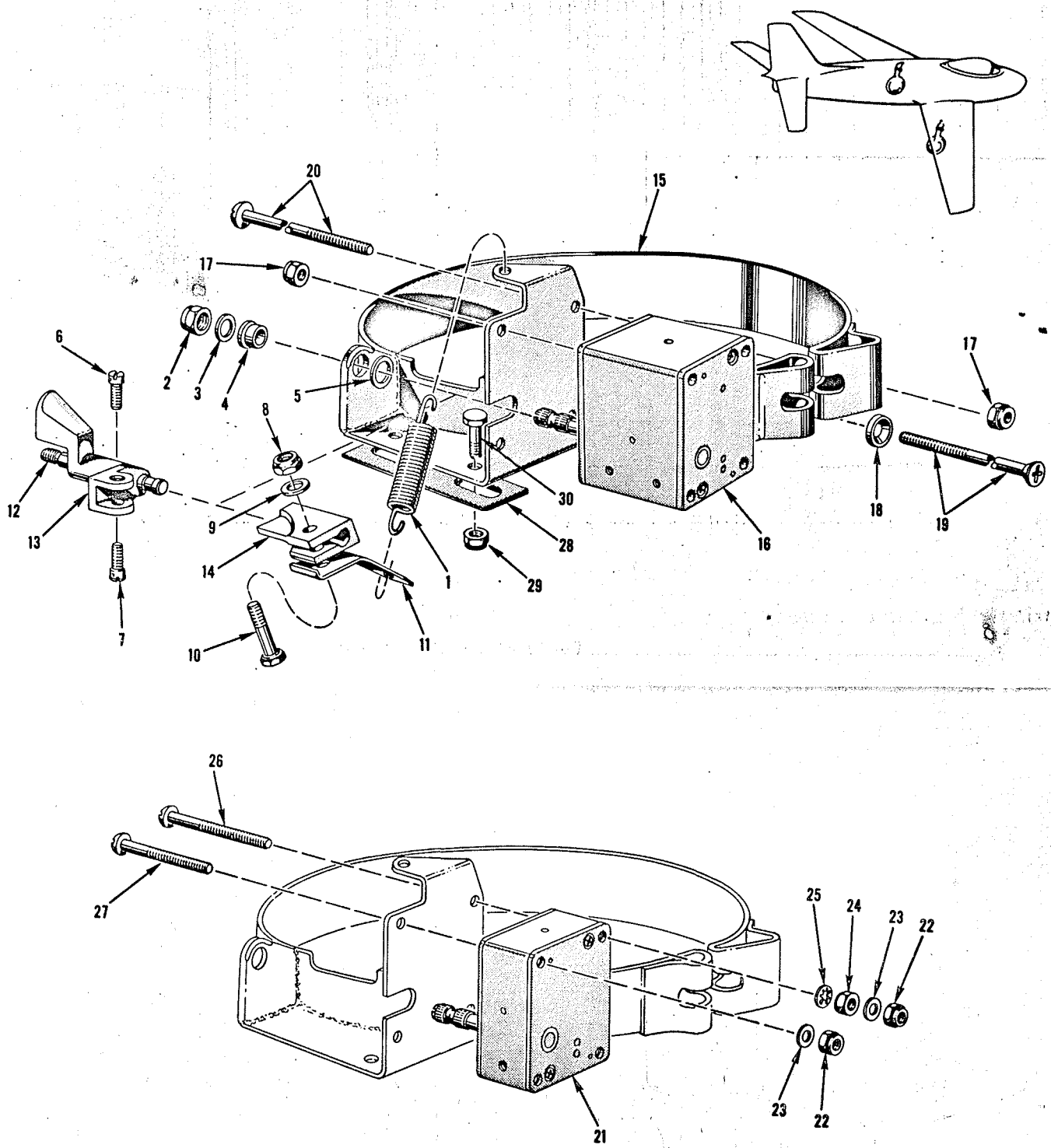


FIGURE 418 - MAIN LANDING GEAR DOWNLOCK INDICATING AND SEQUENCING CLAMP ASSEMBLY

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
418	176-33811-1	CLAMP ASSY, Main landing gear downlock indicating and sequencing LH (see figure 396 for next assy) (use 193-33811-1 until exh)	Ref	A
	176-33811-2	CLAMP ASSY, Main landing gear downlock indicating and sequencing RH (see figure 396 for next assy) (use 193-33811-2 until exh)	Ref	A
	176-33811-21	CLAMP ASSY, Main landing gear downlock indicating and sequencing LH (see figure 396 for next assembly) (use 176-33811-11 until exh)	Ref	B,*1
	176-33811-22	CLAMP ASSY, Main landing gear downlock indicating and sequencing RH (see figure 396 for next assembly) (use 176-33811-12 until exh)	Ref	B,*1
-1	191-33816	. SPRING, Tension (use 176-33816 until exh)	1	A,B
-2	AN320-3	. NUT	1	A,B
-3	AN960D10L	. WASHER	1	A,B
-4	4B20B4-004	. BUSHING, Press-fit flanged (North American)	1	A,B
-5	2W1C17-16-32	. WASHER, Plain (North American)	1	A,B
-6	AN500A8-4	. SCREW	1	A,B
-7	AN500A8-6	. SCREW	1	A,B
-8	AN364-428	. NUT	1	A,B
-9	AN960D416	. WASHER	1	A,B
-10	AN4-7A	. BOLT	1	A,B
-11	176-33815-1	. TAB, Main LG downlock indicating and seq mech adjustment LH	1	A,B
	176-33815-2	. TAB, Main LG downlock indicating and seq mech adjustment RH	1	A,B
	176-33813-1	. ACTUATOR ASSY, Main LG indicating and sequencing mechanism LH	1	A,B
	176-33813-2	. ACTUATOR ASSY, Main LG indicating and sequencing mechanism RH	1	A,B
-12	176-33813-3	. . SHAFT, Main LG indicating and sequencing mechanism	1	A,B
-13	176-33814-1	. . ACTUATOR, Main LG downlock indicating and seq mechanism LH	1	A,B
	176-33814-2	. . ACTUATOR, Main LG downlock indicating and seq mechanism RH	1	A,B
-14	176-33817-1	. SLEEVE, Main LG downlock indicating and sequencing LH	1	A,B
	176-33817-2	. SLEEVE, Main LG downlock indicating and sequencing RH	1	A,B
-15	176-33812-1	. CLAMP ASSY, Main LG downlock indicating and seq mech LH	1	A,B
	176-33812-2	. CLAMP ASSY, Main LG downlock indicating and seq mech RH	1	A,B
-16	175-54331-10	. SWITCH ASSY, Alighting gear hermetically sealed seq double RH (gear downlock) (see fig. 425 for breakdown) (whn exh use Micro Switch 2HA1R.H.)	1	A
	2HA1R.H.	. SWITCH ASSY, Enclosed RH (Micro Switch) (use 175-54331-10 until exh)	1	A
	175-54331	. SWITCH ASSY, Alighting gear hermetically sealed seq double LH (gear downlock) (see fig. 425 for breakdown)(whn exh use Micro Switch 2HA1L.H.)	1	A
	2HA1L.H.	. SWITCH ASSY, Enclosed LH (Micro Switch)(use 175-54331 until exh)	1	A
	ATTACHING PARTS			
-17	AN364-1032	. NUT	4	A
-18	176-33818	. WASHER, Main LG downlock indicating & sequencing mechanism	2	A
-19	AN509-10R35	. SCREW	2	A
-20	NAS221-34	. SCREW, Brazier head Phillips recess alloy steel 10-32	2	A
	---*---			
-21	175-54332-10	. SWITCH ASSY, Alighting gear hermetically sealed seq single RH (gear downlock) (see fig. 425 for breakdown) (whn exh use Micro Switch 1HA1R.H.)	1	B
	1HA1R.H.	. SWITCH ASSY, Enclosed RH (Micro Switch) (use 175-54332-10 until exh)	1	B
	175-54332	. SWITCH ASSY, Alighting gear hermetically sealed seq single LH (gear downlock) (see fig. 425 for breakdown) (whn exh use Micro Switch 1HA1L.H.)	1	B
	1HA1L.H.	. SWITCH ASSY, Enclosed LH (Micro Switch) (use 175-54332.until exh)	1	B
	ATTACHING PARTS			
-22	AN365-1032	. NUT	4	B
-23	AN960D10L	. WASHER	4	B
-24	AN315-3	. NUT	1	B
-25	AN936A10	. WASHER	1	B
-26	AN520-10R28	. SCREW	1	B
-27	AN520-10R24	. SCREW	3	B
	---*---			
-28	176-33819-1	. ANGLE, Main LG downlock indicating and sequencing mechanism indexing LH	1	A,B
	176-33819-2	. ANGLE, Main LG downlock indicating and sequencing mechanism indexing RH	1	A,B
-29	AN365-1032	. NUT	2	A,B
-30	AN3-4A	. BOLT	2	A,B

*1 For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see figure 401.

USEABLE ON CODE: A 51-2928 thru 51-12969, 51-13070 thru 51-13089

B 51-2850 thru 51-2927, 51-12970 thru 51-12976, 51-13090 and subs

ALIGHTING GEAR (Cont)

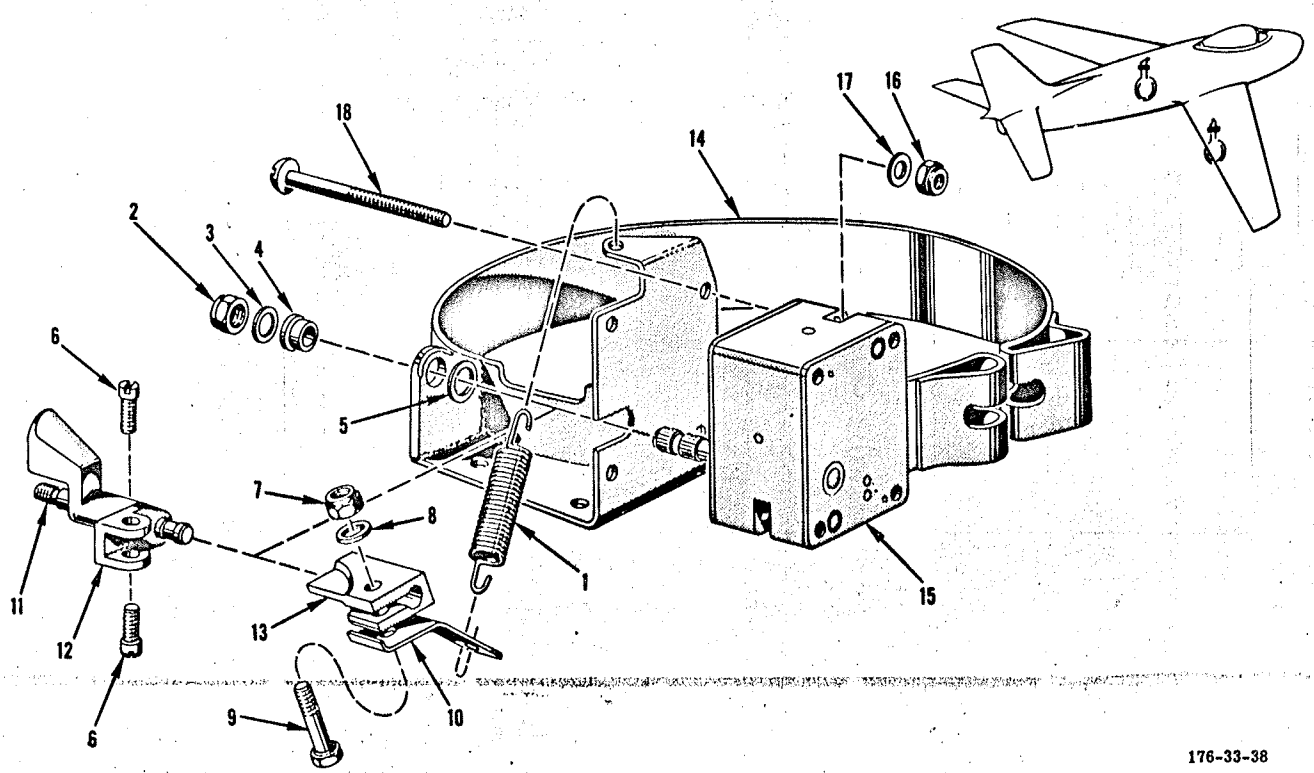
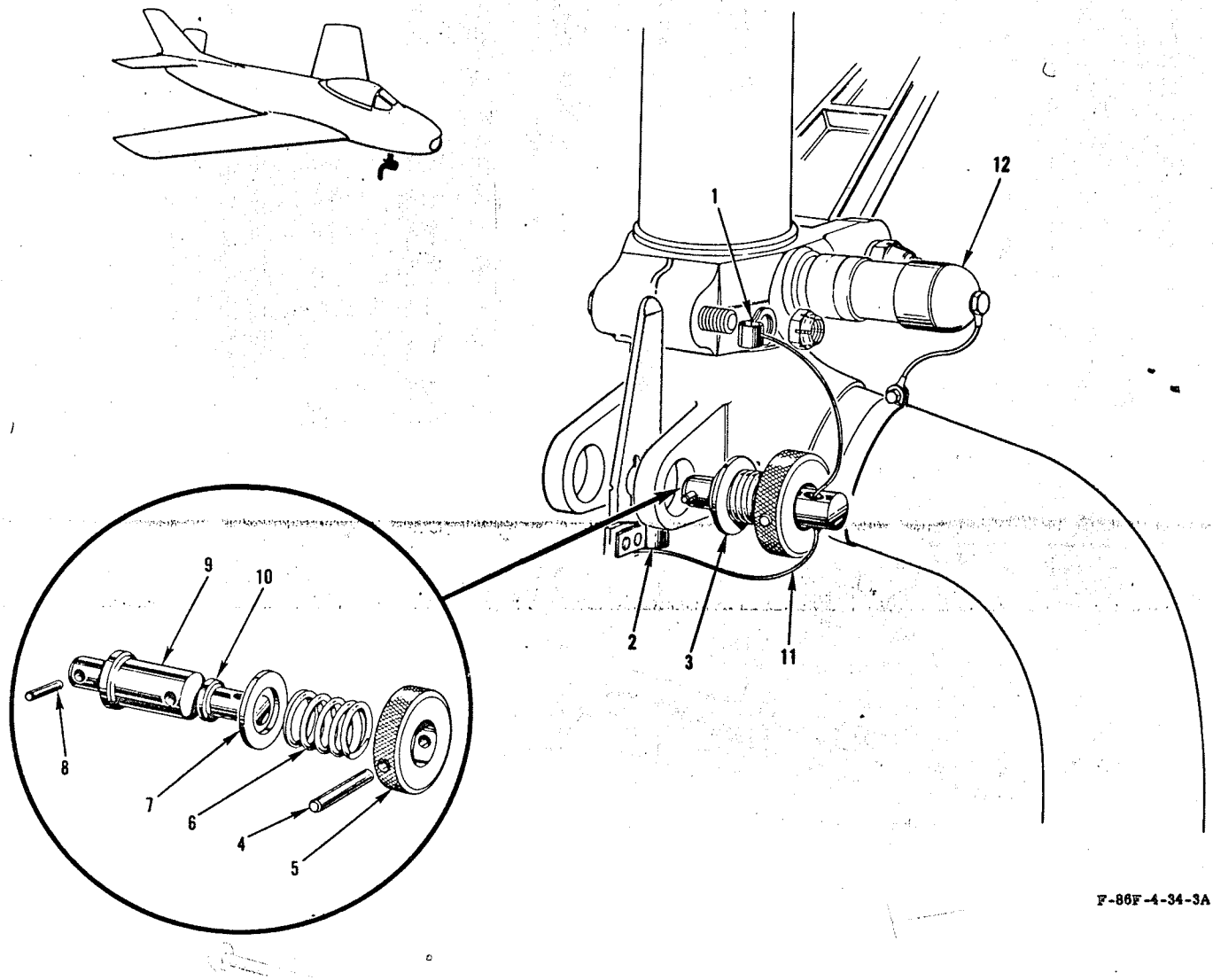


FIGURE 419 - MAIN LANDING GEAR DOWNLOCK INDICATING AND SEQUENCING CLAMP ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
419	193-33811-1	CLAMP ASSY, Main LG downlock indicating and sequencing LH . . . (see figure 396 for next assy)(whn exh use 176-33811-1)	Ref	A
	193-33811-2	CLAMP ASSY, Main LG downlock indicating and sequencing RH . . . (see figure 396 for next assy)(whn exh use 176-33811-2)	Ref	A
-1	191-33816	. SPRING, Tension (use 176-33816 untl exh)	1	A
-2	AN320-3	. NUT	1	A
-3	AN960D10	. WASHER	1	A
-4	4B20S4-004	. BUSHING, Press-fit flanged (North American)	1	A
-5	2W1C17-16-32	. WASHER, Plain (North American)	1	A
-6	AN500A8-7	. SCREW	2	A
-7	AN364-428	. NUT	1	A
-8	AN960D416	. WASHER	1	A
-9	AN4-7A	. BOLT	1	A
-10	176-33815-1	. TAB, Main LG downlock indicating and sequencing mech adjustment LH	1	A
	176-33815-2	. TAB, Main LG downlock ind and seq mech adjustment RH	1	A
	176-33813-1	. ACTUATOR ASSY, Main LG indicating and sequencing mech LH . .	1	A
	176-33813-2	. ACTUATOR ASSY, Main LG indicating and sequencing mech RH . .	1	A
-11	176-33813-3	. . SHAFT, Main LG indicating and sequencing mechanism	1	A
-12	176-33814-1	. . ACTUATOR, Main LG downlock indicating and sequencing mech LH	1	A
	176-33814-2	. . ACTUATOR, Main LG downlock indicating and sequencing mech RH	1	A
-13	176-33817-1	. SLEEVE, Main LG indicating and sequencing mechanism LH . . .	1	A
	176-33817-2	. SLEEVE, Main LG indicating and sequencing mechanism RH . . .	1	A
-14	176-33812-1	. CLAMP ASSY, Main LG downlock indicating and sequencing mech LH	1	A
	176-33812-2	. CLAMP ASSY, Main LG downlock indicating and sequencing mech RH	1	A
-15	193-54331-1	. SWITCH ASSY, Main LG hermetically sealed sequence double LH . (see fig. 423 for breakdown)(whn exh use Micro Switch 2HA1L.H.)	1	A
	2HA1L.H.	. SWITCH ASSY, Enclosed LH (Micro-Switch) (use 193-54331-1 . . untl exh)	1	A
	193-54331-2	. SWITCH ASSY, Main LG hermetically sealed sequence double RH . (see fig. 423 for breakdown)(whn exh use Micro Switch 2HA1R.H.)	1	A
	2HA1R.H.	. SWITCH ASSY, Enclosed RH (Micro Switch) (use 193-54331-2 . . untl exh)	1	A
	ATTACHING PARTS			
-16	AN364-1032	. NUT	3	A
-17	AN960D10L	. WASHER	3	A
-18	AN520-10R18	. SCREW	3	A

---*---

USEABLE ON CODE: A 51-13070 thru 51-13089



F-86F-4-34-3A

FIGURE 420 - AUXILIARY ALIGHTING GEAR TOW BAR SWIVEL RELEASE ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
420	165-34688-10	RELEASE ASSY, Aux alighting gear tow bar swivel . . . . . (whn exh use 165-34688-21)	Ref	
	165-34688-21	RELEASE ASSY, Aux alighting gear tow bar swivel (use . . . . . 165-34688-10 untl exh) (see fig. 403 for next assy)	Ref	
-1	165-34694	. CLIP, Auxiliary alighting gear swivel tow wedge	1	
-2	165-34689	. WEDGE ASSY, Auxiliary alighting gear tow bar swivel	1	*1
-3	165-34689-11	. WEDGE ASSY, Auxiliary alighting gear tow bar swivel	1	*2
	165-34695-10	. SHAFT ASSY, Aux alighting gear swivel tow wedge	1	
-4	165-34695-3	. . PIN, Auxiliary alighting gear swivel tow wedge shaft . . .	1	
-5	165-34690-10	. . KNOB, Auxiliary alighting gear swivel tow wedge	1	
-6	165-52420	. . SPRING, Rudder control pedal engaging	1	
-7	2W1-24-24-032	. . WASHER, Plain (North American)	1	
-8	165-34692	. . PIN, Auxiliary alighting gear swivel tow wedge	1	
-9	165-34691-10	. . SHAFT, Auxiliary alighting gear disconnect wedge lock . .	1	
-10	165-34697	. . SWIVEL, Auxiliary alighting gear tow bar	1	
-11	165-34688-3	. CABLE, Auxiliary landing gear tow bar swivel	1	
-12	8656-171	CAP ASSEMBLY, (furnished with Cleveland Pneumatic 9152 . . . . . strut assy)	Ref	

*1 Used on 165-34695-10 only.
*2 Used on 165-34695-21 only.

ALIGHTING GEAR (Cont)

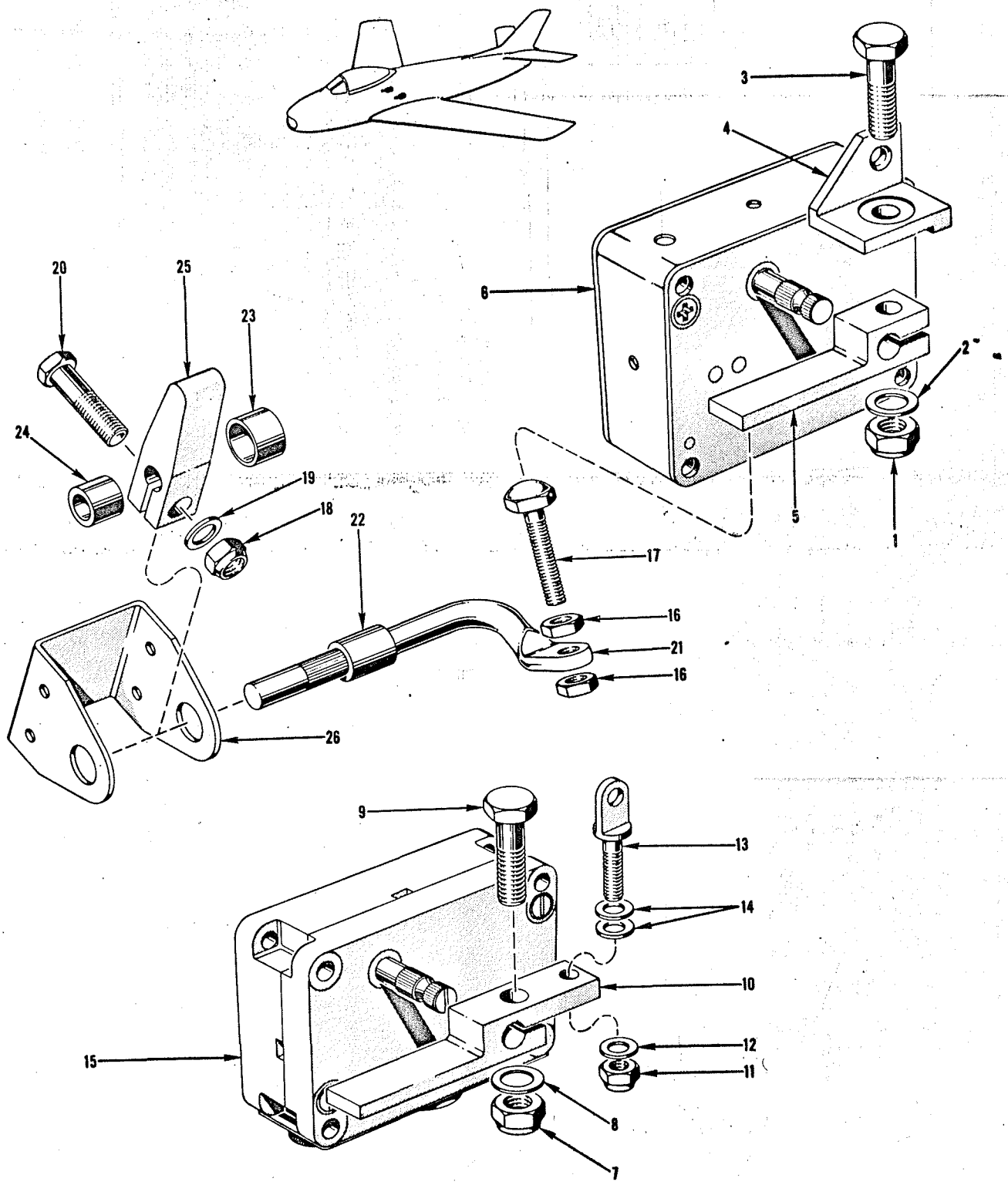


FIGURE 421 - MAIN ALIGHTING GEAR WHEEL DOOR OPEN SEQUENCING MECHANISM AND ACTUATOR ASSEMBLIES

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
421			MAIN ALIGHTING GEAR WHEEL DOOR OPEN SEQUENCING MECHANISM AND ACTUATOR ASSEMBLIES		
	176-33857-1	.	MECHANISM ASSY, Main alighting gear wheel door open sequencing LH (see figure 397 for next assembly)	Ref	*1,*5
	176-33857-2	.	MECHANISM ASSY, Main alighting gear wheel door open sequencing RH (see figure 397 for next assembly)	Ref	*2,*5
-1	AN365-428	. .	NUT	1	
-2	AN960D416L	. .	WASHER	2	
-3	AN4-10A	. .	BOLT	1	
-4	191-33872	. .	CLIP, Main alighting gear wheel door closed indicating mechanism spring	1	
-5	176-33851	. .	ARM, Main alighting gear wheel door open sequencing mech	1	
-6	175-54332	. .	SWITCH ASSY, Alighting gear hermetically sealed seq single LH (see fig. 425 for breakdown) (whn exh use Micro Switch 1HA1L.H.)	1	
	175-54332-10	. .	SWITCH ASSY, Alighting gear hermetically sealed seq single RH (see fig. 425 for breakdown) (whn exh use Micro Switch 1HA1R.H.)	1	
	176-33857-21	.	MECHANISM ASSY, Main alighting gear wheel door open sequence LH (see figure 397 for next assy) (use 176-33857-11 untl exh)	Ref	*1,*5
	176-33857-22	.	MECHANISM ASSY, Main alighting gear wheel door open sequence RH (see figure 397 for next assy) (use 176-33857-12 untl exh)	Ref	*2,*5
-7	AN365-428	. .	NUT	1	
-8	AN960D416L	. .	WASHER	2	
-9	AN4-10A	. .	BOLT	1	
-10	176-33851-3	. .	ARM, Main alighting gear wheel door open sequence mech	1	
-11	AN365-428	. .	NUT	1	
-12	AN960D10L	. .	WASHER	1	
-13	AN42-5A	. .	BOLT, Eye 10-32 for 3/16 pin	1	
-14	AN960D10	. .	WASHER	2	
-15	1HA1L.H.	. .	SWITCH ASSY, Enclosed LH (Micro Switch) (use 175-54332 untl exh)	1	
	1HA1R.H.	. .	SWITCH ASSY, Enclosed RH (Micro Switch) (use 175-54332-10 untl exh)	1	
	176-33858-1	.	ACTUATOR ASSY, Main alighting gear wheel door open seq mechanism LH (see fig. 397 for next assembly)	Ref	*1,*5
	176-33858-2	.	ACTUATOR ASSY, Main alighting gear wheel door open seq mechanism RH (see fig. 397 for next assembly)	Ref	
	176-33858-11	.	ACTUATOR ASSY, Main alighting gear wheel door open seq mechanism LH (see fig. 397 for next assembly)	Ref	*1,*5
	176-33858-12	.	ACTUATOR ASSY, Main alighting gear wheel door open seq mechanism RH (see fig. 397 for next assembly)	Ref	*2,*5
-16	AN315-3R	. .	NUT	2	*3
	AN315-3R	. .	NUT	1	*4
-17	176-33853	. .	BOLT, Main alighting gear wheel door open sequence mechanism actuator adjusting	1	*3
	176-33853-3	. .	BOLT, Main alighting gear wheel door open sequence mechanism actuator adjusting	1	*4
-18	AN365-428	. .	NUT	1	
-19	AN960D416	. .	WASHER	1	
-20	AN4-7A	. .	BOLT	1	
-21	176-33852-1	. .	SHAFT ASSY, Main alighting gear wheel door open sequence mechanism actuator adjusting LH	1	
	176-33852-2	. .	SHAFT ASSY, Main alighting gear wheel door open sequence mechanism actuator adjusting RH	1	
-22	4B21B4-16	. . .	BUSHING, Spacer (North American)	1	
-23	NAS43DD6-21	. .	SPACER, Screw and bolt	1	
-24	NAS42DD8-21	. .	SPACER, Rivet	1	
-25	151-54245-3	. .	ARM, Main alighting gear door open indicating sw actuator	1	*3
	191-33880	. .	ARM, Main alighting gear door open indicating sw actuator	1	*4
-26	151-54246-5	. .	BRACKET, Main alighting gear door open indicating switch actuator	1	

*1 Use 176-33857-1 together with 176-33858-1 untl exh, whn exh use 176-33857-11 together with 176-33858-11.
*2 Use 176-33857-2 together with 176-33858-2 untl exh, whn exh use 176-33857-12 together with 176-33858-12.
*3 These parts are used on 176-33858-1 and 176-33858-2 only.
*4 These parts are used on 176-33858-11 and 176-33858-12 only.
*5 For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see figure 320 in fuselage electrical section.

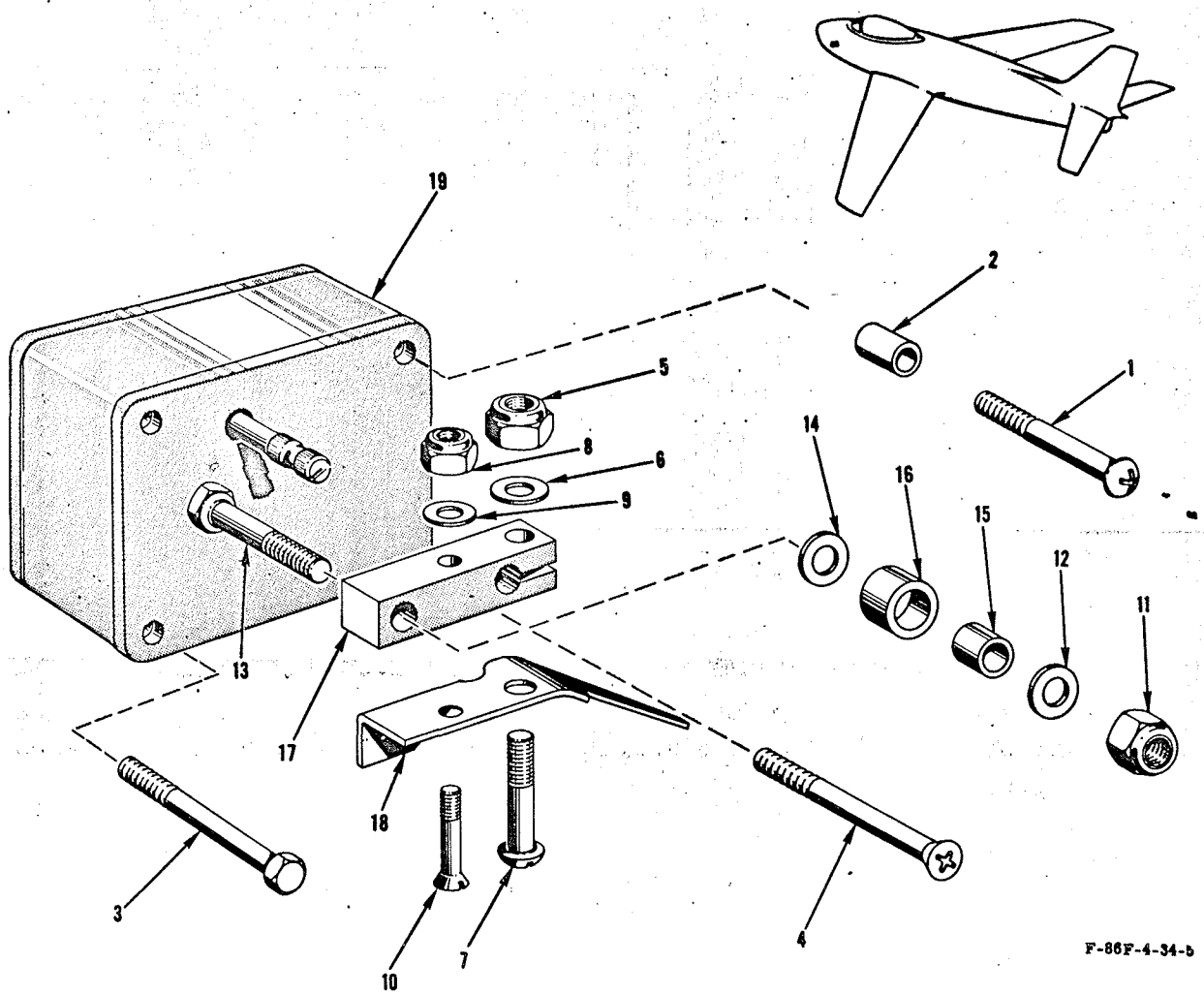


FIGURE 422 - AUXILIARY ALIGHTING GEAR WHEEL DOOR CLOSED MECHANISM ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
422	176-34860	MECHANISM ASSY, Aux LG wheel door closed indicating (when exh use 176-34860-11) (see fig. 404 for next assy)	Ref	*1
	176-34860-11	MECHANISM ASSY, Aux LG wheel door closed indicating (use 176-34860 unt1 exh) (see fig. 404 for next assy)	Ref	*1
	ATTACHING PARTS			
-1	AN520-10R36	SCREW	1	*1
-2	NAS43DD3-32	SPACER, Screw and bolt	1	*1
-3	AN3-15A	BOLT	1	*1
-4	AN509-10R26	SCREW	1	*1
		---*---		
-5	AN365-428	. NUT	1	*1
-6	AN960D416	. WASHER	1	*1
-7	AN520-416R16	. SCREW	1	*1
-8	AN365-1032	. NUT	1	*1
-9	AN960D10L	. WASHER	1	*1
-10	AN509-10R13	. SCREW	1	*1
-11	AN365-428	. NUT	1	*1
-12	AN960D416	. WASHER	1	*1
-13	AN4-11A	. BOLT	1	*1
-14	2W1AL16-18-.016	. WASHER, Plain (North American)	1	*1
-15	4B21B4-009	. BUSHING, Spacer (North American)	1	*1
-16	176-34864	. ROLLER, Auxiliary alighting gear wheel door closed indicating	1	*1
-17	176-34861	. ARM, Auxiliary alighting gear wheel door closed indicating	1	*1
-18	176-34862	. STRAP, Auxiliary alighting gear wheel door closed indicating	1	*1
-19	175-54332	. SWITCH ASSY, Alighting gear hermetically sealed sequencing single (wheel door closed) (whn exh use Micro Switch 1HA1L.H.) (see figure 425 for breakdown)	1	*1
	1HA1L.H.	. SWITCH ASSY, Enclosed (Micro Switch) (use 175-54332 unt1 exh)	1	*1

*1 For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see figure 292 in fuselage electrical section.

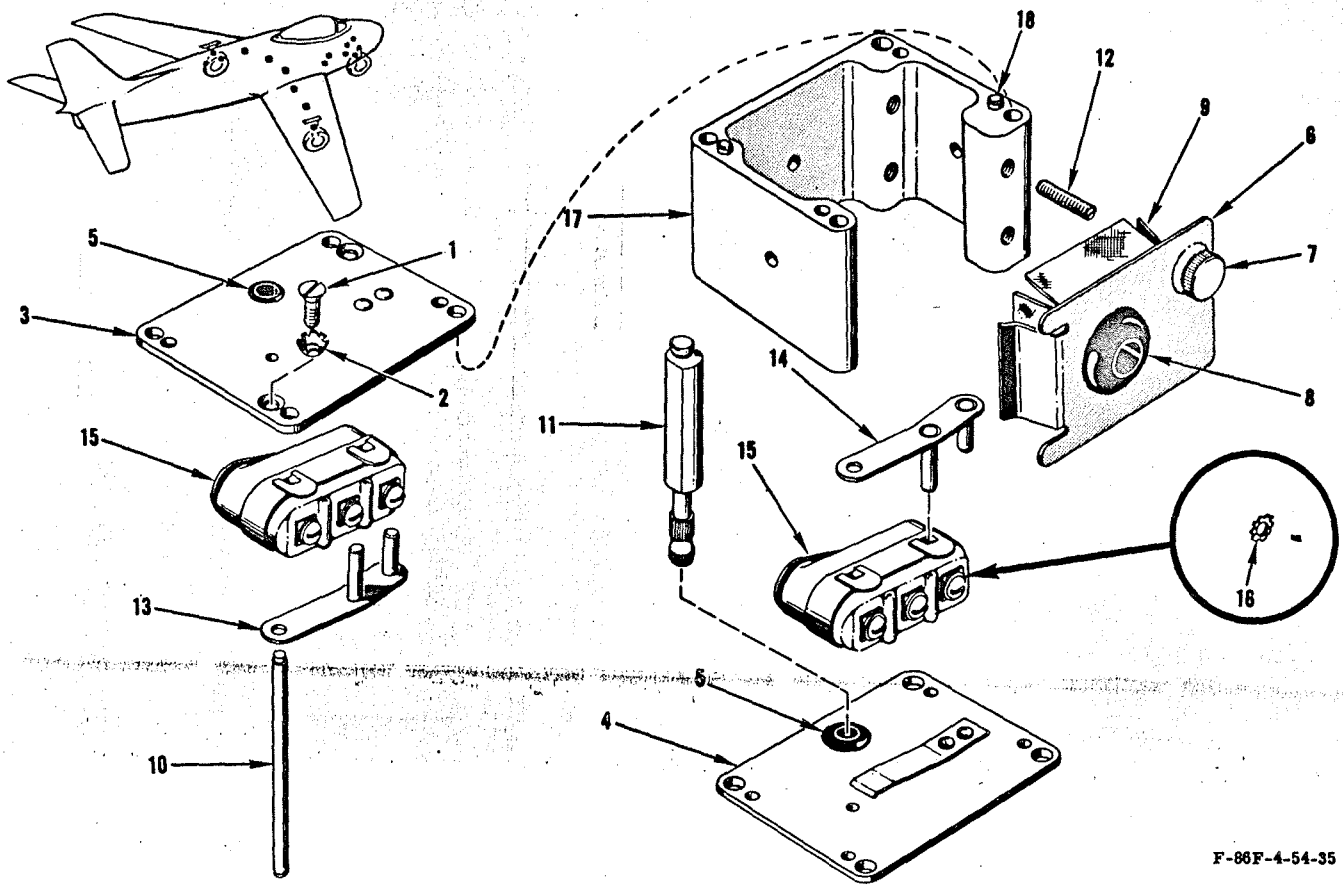


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FIGURE 423 - HERMETICALLY SEALED ALIGHTING GEAR SEQUENCE SWITCH ASSEMBLIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
423	193-54331-1	SWITCH ASSY, Alighting gear hermetically sealed sequence double LH (see fig. 419 for next assy)	Ref	
	193-54331-2	SWITCH ASSY, Alighting gear hermetically sealed sequence double RH (see fig. 419 for next assy)	Ref	
-1	AN507-632R6	. SCREW	4	
-2	AN936D6	. WASHER	4	
-3	175-54336-1	. COVER ASSY, Elec LG hermetically sealed sequence switch LH	1	
-4	175-54336-2	. COVER ASSY, Elec LG hermetically sealed sequence switch RH	1	
	175-54339	. . SPRING, Electric landing gear hermetically sealed sequence switch cover	1	
-5	4B20B4-003	. . BUSHING, Press fit flanged (North American)	1	
-6	193-54386	. COVER ASSY, Alighting gear hermetically sealed sequence switch double	1	
-7	175-54389	. . BOLT, Alighting gear hermetically sealed sequence switch cover attaching	1	
	2W1F10-11-32	. . WASHER, Plain (North American)	1	
-8	AN981-6-10	. . GROMMET	1	
-9	175-54387-5	. . INSULATOR, Alighting gear hermetically sealed sequence switch	1	
-10	175-54344-5	. PIN, Elec alighting gear hermetically sealed sequence mtg	1	
-11	175-54337-5	. CAM, Elec alighting gear hermetically sealed sequence sw	1	
-12	Comm	. SET SCREW, 10-32 x 3/4	4	
-13	175-54338-1	. ARM ASSY, Elec alighting gear hermetically sealed sequence switch mounting LH	1	
-14	175-54338-2	. ARM ASSY, Elec alighting gear hermetically sealed sequence switch mounting RH	1	
-15	1HS1	. SWITCH ASSY, Hermetically sealed (Micro Switch)	2	
-16	AN936A6	. WASHER	6	
-17	193-54334	. CASE ASSY, Elec alighting gear hermetically sealed sequence double switch	1	
-18	175-54343	. . PIN, Elec alighting gear hermetically sealed sequence index	1	

*1 Use 193-54331-1 and 193-54331-2 until exh, when exh use Micro Switch 2HA1L.H. and 2HA1R.H. respectively.

USEABLE ON CODE: A 51-13070 thru 51-13089

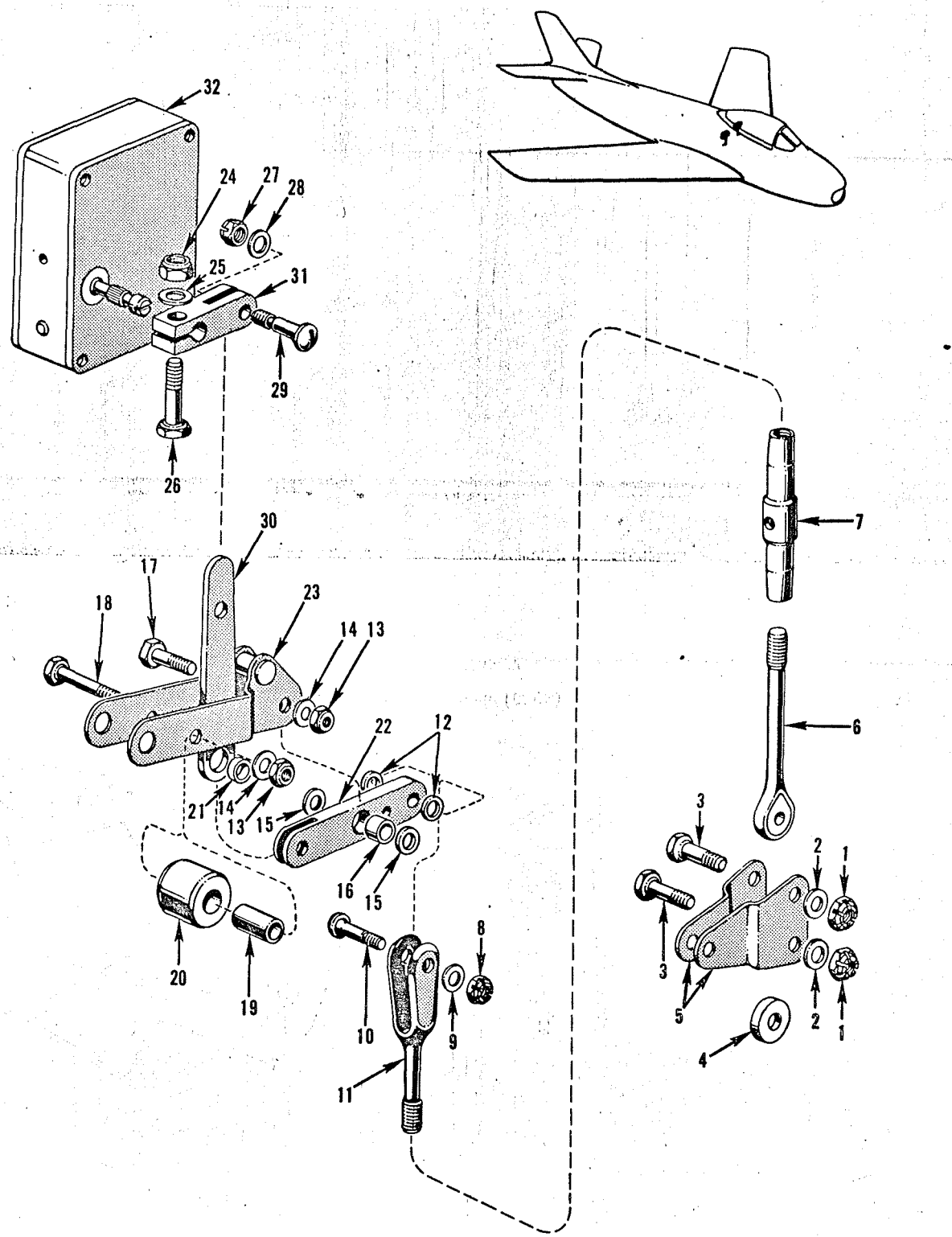


FIGURE 424 - MAIN ALIGHTING GEAR WHEEL DOOR CLOSED INDICATING MECHANISM ASSEMBLY

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
424	191-33841-11	MECHANISM ASSY, Main alighting gear wheel door closed indicating LH (see figure 397 for next assy) (use 191-33841-1 until exh)	Ref	*2
	191-33841-12	MECHANISM ASSY, Main alighting gear wheel door closed indicating RH (see figure 397 for next assy) (use 191-33841-2 until exh)	Ref	*2
-1	AN310-3	NUT	2	
-2	AN960D10L	WASHER	2	
-3	AN23-10	BOLT	2	
-4	191-33877	ROLLER, Main alighting gear wheel door closed indicating mech	1	
-5	191-33876	SUPPORT, Main LG wheel door closed indicating mech roller	2	
-6	AN165-16RL	EYE	1	
-7	AN155-16S	BARREL	1	
-8	AN310-3	NUT	1	
-9	AN960D10L	WASHER	1	
-10	AN23-13	BOLT	1	
-11	AN163-3LS	FORK	1	
-12	AN960D10L	WASHER	2	
-13	AN365-1032	NUT	2	
-14	AN960D10	WASHER	2	
-15	AN960D10L	WASHER	2	
-16	4B21S3-008	BUSHING, Spacer (North American)	1	
-17	AN3-6A	BOLT	1	
-18	AN3-12A	BOLT	1	
-19	4B21S3-026	BUSHING, Spacer (North American)	1	
-20	191-33846	FOLLOWER, Main alighting gear wheel door closed indicating mech	1	
-21	4B21S3-004	BUSHING, Spacer (North American)	1	
-22	191-33848	LEVEL, Main alighting gear wheel door closed indicating mech	1	
-23	191-33847	ACTUATOR ASSY, Main landing gear wheel door closed indicating mech	1	
-24	AN365-428	NUT	1	
-25	AN960D416L	WASHER	1	
-26	AN4-7A	BOLT	1	
-27	AN310-3	NUT	1	
-28	AN960D10L	WASHER	1	
-29	AN23-12	BOLT	1	
-30	191-33844	LINK, Main alighting gear wheel door closed indicating mech	1	
-31	191-33843	ARM, Main alighting gear wheel door closed indicating mech	1	
-32	175-54332	SWITCH ASSY, Alighting gear hermetically sealed sequencing LH (wheel door closed) (see figure 425 for breakdown)	1	*1
	1HA1L.H.	SWITCH ASSY, Englosed LH (Micro Switch)	1	*1
	175-54332-10	SWITCH ASSY, Alighting gear hermetically sealed sequencing RH (wheel door closed) (see figure 425 for breakdown)	1	*1
	1HA1R.H.	SWITCH ASSY, Enclosed RH (Micro Switch)	1	*1

*1 Use 175-54332 and 175-54332-10 until exh, whn exh use Micro Switch 1HA1L.H. and 1HA1R.H.
*2 For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see figure 320 in fuselage electrical section.

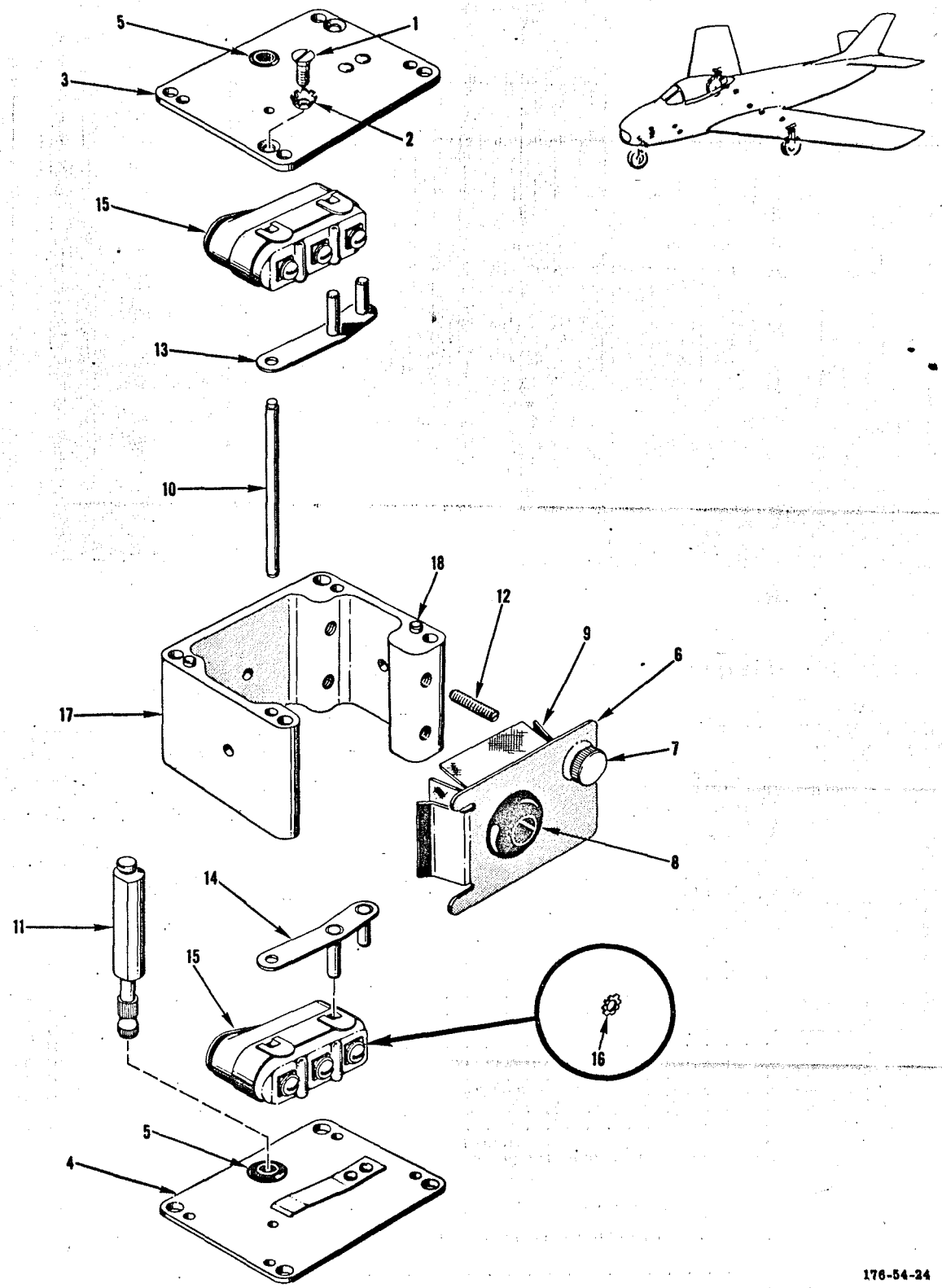


FIGURE 425 - ALIGHTING GEAR HERMETICALLY SEALED SEQUENCE DOUBLE AND SINGLE SWITCH ASSEMBLY

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
425	175-54331	SWITCH ASSY, Alighting gear hermetically sealed sequence . . . . double LH (see figs. 410 and 418 for next assy)	Ref	*1,*3
	175-54331-10	SWITCH ASSY, Alighting gear hermetically sealed sequence . . . . double RH (see figs. 410, 418, 426 & 428 for next assy)	Ref	*1,*3
	175-54332	SWITCH ASSY, Alighting gear hermetically sealed sequence . . . . single LH (see figs. 422, 418, 421, 424, 409 &430 for next assembly)	Ref	*2,*3
	175-54332-10	SWITCH ASSY, Alighting gear hermetically sealed sequence . . . . single RH (see figs. 418, 421, 424, 409, 427,& 428 for next assembly)	Ref	*2,*3
-1	AN507-632R6	. SCREW	4	
-2	AN936D6	. WASHER	4	
-3	175-54336-1	. COVER ASSY, Elec LG hermetically sealed sequence switch LH .	1	
-4	175-54336-2	. COVER ASSY, Elec LG hermetically sealed sequence switch RH .	1	
	175-54339	. . SPRING, Electric landing gear hermetically sealed . . . . sequence switch cover	1	
-5	4B20B4-003	. . BUSHING, Press fit flanged (North American)	1	
-6	175-54386	. COVER ASSY, Alighting gear hermetically sealed sequence . . . switch doubler (used on 175-54331 and -10)	1	
	175-54385	. COVER ASSY, Alighting gear hermetically sealed sequence . . . switch single (used on 175-54332 and -10)	1	
-7	175-54389	. . BOLT, Alighting gear hermetically sealed sequence . . . . switch cover attaching	1	
	2W1F10-11-32	. . WASHER, Plain (North American)	1	
-8	AN981-6-10	. . GROMMET	1	
-9	175-54387-5	. . INSULATOR, Alighting gear hermetically sealed sequence . . switch (used on 175-54386)	1	
	175-54387-7	. . INSULATOR, Alighting gear hermetically sealed sequence . . switch (used on 175-54385)	1	
-10	175-54344-5	. PIN, Elec alighting gear hermetically sealed sequence mtg . . (used on 175-54331 and -10)	1	
	175-54344-7	. PIN, Elec alighting gear hermetically sealed sequence mtg . . (used on 175-54332 and -10)	1	
-11	175-54337-5	. CAM, Elec alighting gear hermetically sealed sequence sw . . (use on 175-54331 and -10)	1	
	175-54337-7	. CAM, Elec alighting gear hermetically sealed sequence sw . . (use on 175-54332 and -10)	1	
-12	Comm	. SET SCREW, 10-32 x 3/4 (used on 175-54331, -10)	4	
	Comm	. SET SCREW, 10-32 x 3/4 (used on 175-54332 and -10)	2	
-13	175-54338-1	. ARM ASSY, Elec alighting gear hermetically sealed . . . . . sequence switch mounting LH	1	
-14	175-54338-2	. ARM ASSY, Elec alighting gear hermetically sealed . . . . . sequence switch mounting RH (used on 175-54331 and -10)	1	
-15	1HS1	. SWITCH ASSY, Hermetically sealed (Micro Switch Corp) . . . . (used on 175-54331 and -10)	2	
	1HS1	. SWITCH ASSY, Hermetically sealed (Micro Switch Corp) . . . . (used on 175-54332 and -10)	1	
-16	AN936A6	. WASHER, (used on 175-54331 and -10)	6	
	AN936A6	. WASHER, (used on 175-54332 and -10)	3	
-17	175-54334	. CASE ASSY, Elec alighting gear hermetically sealed sequence . double switch (used on 175-54331 and -10)	1	
	175-54335	. CASE ASSY, Elec alighting gear hermetically sealed sequence . single switch (used on 175-54332 and -10)	1	
-18	175-54343	. . PIN, Elec alighting gear hermetically sealed sequence . . index	4	

*1 Use 175-54331 and 175-54331-10 until exh, when exh use Micro Switch 2HA1L.H. and 2HA1R.H. respectively.
*2 Use 175-54332 and 175-54332-10 until exh, when exh use Micro Switch 1HA1L.H. and 1HA1R.H. respectively.
*3 Reworked per T. O. 1F-86-120. For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see figure 320 in fuselage electrical section.

ALIGHTING GEAR (Cont)

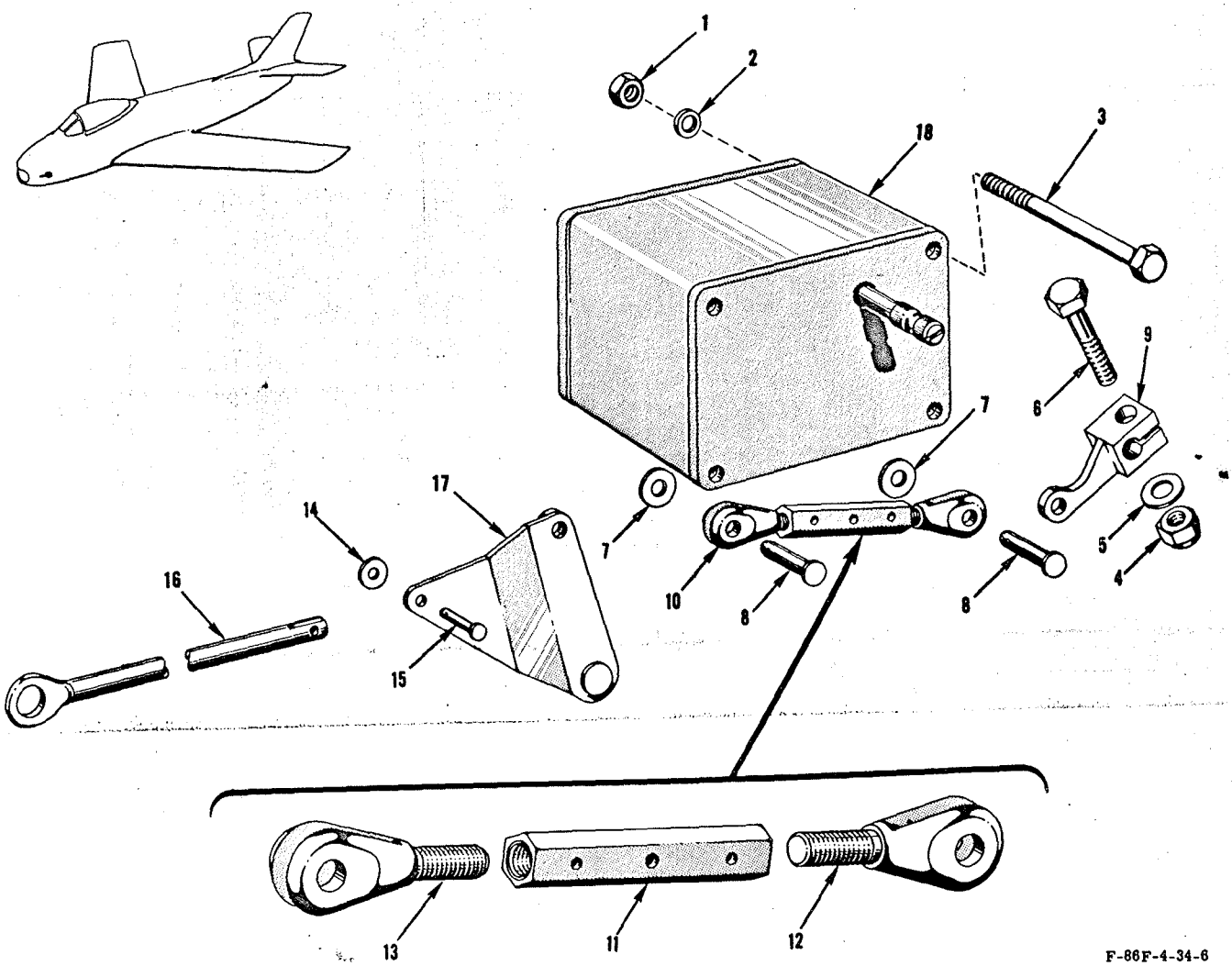
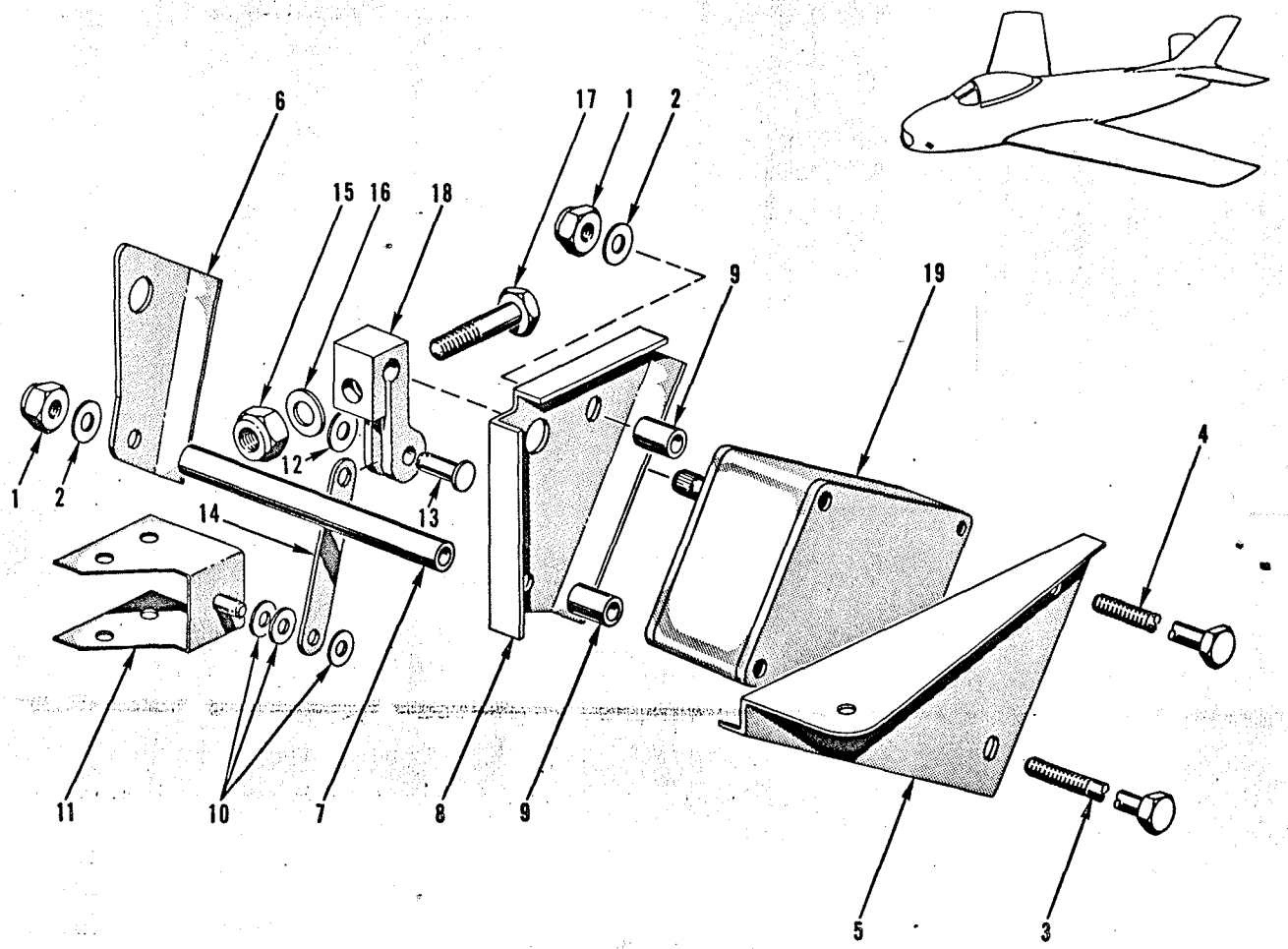


FIGURE 426 - AUXILIARY ALIGHTING GEAR DOWNLOCK INDICATING AND SEQUENCING MECHANISM ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
426	176-34810	MECHANISM ASSY, Aux LG downlock indicating and sequencing (when exh use 176-34810-11) (see fig. 404 for next assy)	Ref	*2
	176-34810-11	MECHANISM ASSY, Aux LG downlock indicating and sequencing (use. 176-34810 untl exh) (see fig. 404 for next assy)	Ref	*2
		ATTACHING PARTS		
-1	AN365-1032	NUT	3	*2
-2	AN960D10L	WASHER	3	*2
-3	AN3-23A	BOLT	3	*2
		---*---		
-4	AN365-428	. NUT	1	*2
-5	AN960D416L	. WASHER	1	*2
-6	AN4-7A	. BOLT	1	*2
-7	AN960D10L	. WASHER	2	*2
-8	AN393-13	. PIN	2	*2
-9	176-34806	. ARM, Aux alighting gear downlock indicating & sequencing mech	1	*2
-10	157-54126-7	. LINK ASSY, Alighting gear safety actuator	1	*2
-11	157-54128-5	. . TURNBUCKLE, Alighting gear safety actuator	1	*2
-12	157-54127-3	. . CLEVIS, Alighting gear safety actuator link LH	1	*2
-13	157-54127-4	. . CLEVIS, Alighting gear safety actuator link RH	1	*2
-14	AN960D6L	. WASHER	1	*2
-15	AN392-9	. PIN	1	*2
-16	176-34809	. ROD, Aux alighting gear downlock indicating & sequencing mech	1	*2
-17	176-34808	. BELLCRANK ASSY, Aux alighting gear downlock indicating and sequencing	1	*2
-18	175-54331-10	. SWITCH ASSY, Alighting gear hermetically sealed sequencing double (see figure 425 for breakdown)	1	*1, *2
	2HAIR.H.-1	. SWITCH ASSY, Enclosed (Micro Switch)	1	*1, *2

*1 Use 175-54331-10, 2HAIR.H (Micro-Switch) untl exh.
*2 For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see figure 291 in fuselage electrical section.

ALIGHTING GEAR (Cont)



176-34-6

FIGURE 427 - AUXILIARY ALIGHTING GEAR SAFETY MECHANISM ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
427	176-34830-11	MECHANISM ASSY, Auxiliary alighting gear steering safety (see fig. 404 for next assy)(use 176-34830 until exh)	Ref	*2
1	AN365-1032	. NUT	2	
-2	AN960D10L	. WASHER	2	
-3	AN3-46A	. BOLT	1	
-4	AN3-20A	. BOLT	1	
-5	176-34833	. BRACKET, Auxiliary alighting gear steering safety mechanism LH outboard support	1	
-6	176-34831	. BRACKET, Auxiliary alighting gear steering safety mechanism RH support	1	
-7	NAS43DD3-174	. SPACER, Screw and bolt	1	
-8	176-34832	. BRACKET, Aux alighting gear steering safety mech LH inbd sup.	1	
-9	NAS43DD3-24	. SPACER, Screw and bolt	2	
-10	AN960D6	. WASHER	3	
-11	151-54413	. BRACKET ASSY, Elec auxiliary wheel steering safety switch	1	
-12	AN960D10L	. WASHER	1	
-13	AN393-11	. PIN	1	
-14	176-34835-3	. LINK, Aux LG steering safety mech (use 176-34835 until exh)	1	
-15	AN365-428	. NUT	1	
-16	AN960D416L	. WASHER	1	
-17	AN4-7A	. BOLT	1	
-18	176-34834-21	. ARM, Aux alighting gear steering safety mechanism (use 176-34834 until exh)	1	
-19	175-54332-10	. SWITCH ASSEMBLY, Alighting gear hermetically sealed sequencing single (see fig. 425 for breakdown)	1	*1
	1HA1R.H.	. SWITCH ASSEMBLY, Enclosed (Micro Switch)	1	*1

*1 Use 175-54332-10 until exh, whn exh use Micro Switch 1HA1R.H.
*2 For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see fig. 417 in fuselage electrical section.

ALIGHTING GEAR (Cont)

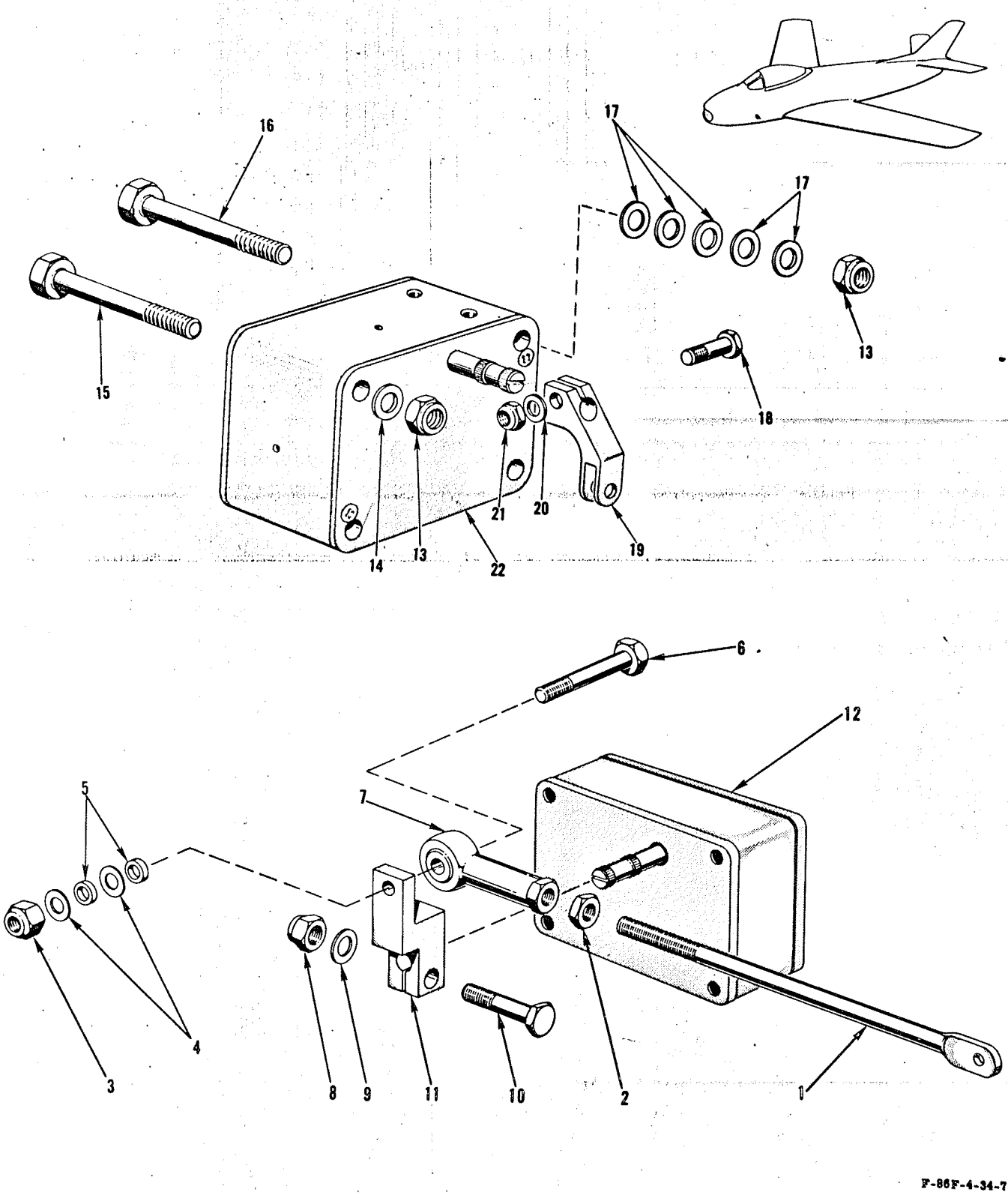


FIGURE 428 - AUXILIARY ALIGHTING GEAR WHEEL DOOR OPEN AND UPLOCK SEQUENCING MECHANISMS

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
428		AUXILIARY ALIGHTING GEAR WHEEL DOOR OPEN AND UPLOCK SEQUENCING MECHANISMS		
	176-34850	. MECHANISM ASSY, Auxiliary alighting gear wheel door open sequencing (when exh use 176-34850-11) (see fig. 430 for next assembly)	Ref	*3
	176-34850-11	. MECHANISM ASSY, Aux LG wheel door open sequencing (use 176-34850 untl exh) (see fig. 430 for next assy)	Ref	*3
-1	176-34852	. . ROD, Landing gear wheel door open sequencing mechanism	1	
-2	AN316-4R	. . NUT	1	
-3	AN365-1032	. . NUT	1	
-4	2W1AL13-18-040	. . WASHER, Plain (North American)	2	
-5	NAS43-8-8	. . SPACER, Screw and bolt	2	
-6	AN3-12A	. . BOLT	1	
-7	F34-14	. . ROD END, (Heim)	1	
-8	AN365-428	. . NUT	1	
-9	AN960D416L	. . WASHER	2	
-10	AN4-7A	. . BOLT	1	
-11	176-34851	. . ARM, Aux alighting gear wheel door open sequencing mech	1	
-12	175-54332-10	. . SWITCH ASSY, Alighting gear hermetically sealed sequencing single (see figure 425 for detail breakdown)	1	*1
	1HAIR.H.	. . SWITCH ASSY, Enclosed (Micro Switch)	1	*1
	176-34820	. MECHANISM ASSY, Aux LG uplock indicating and sequencing (when exh use 176-34820-20 or -10) (see fig. 404 for next assy)	Ref	*3
	176-34820-10	. MECHANISM ASSY, Aux LG uplock indicating and sequencing (when exh use 176-34820 or -20) (see fig. 404 for next assy)	Ref	*4
	176-34820-20	. MECHANISM ASSY, Aux LG uplock indicating and sequencing (use 176-34820 or -10 untl exh) (see fig. 404 for next assy)	Ref	*
	ATTACHING PARTS			
-13	AN365-1032	. NUT	4	
-14	AN960D10L	. WASHER (used on 176-34820 and -20 only)	4	
	AN960D10L	. WASHER (used on 176-34820-10 only)	3	
-15	AN3-22A	. BOLT (used on 176-34820 and -20 only)	4	
	AN3-22A	. BOLT (used on 176-34820-10 only)	3	
-16	AN3-24A	. BOLT (used on 176-34820-10 only)	1	
-17	AN960D10	. WASHER (used on 176-34820-10 only)	5	
	---*---			
-18	AN4-7A	. . BOLT	1	
-19	176-34825	. . ARM, Aux LG uplock indicating and sequencing mech actuator	1	
-20	AN960D416L	. . WASHER	1	
-21	AN365-428	. . NUT	1	
-22	176-54331-10	. . SWITCH ASSY, LG hermetically sealed sequence double (see fig. 425 for breakdown)	1	*2
	2HAIR.H.	. . SWITCH ASSY, Enclosed (Micro Switch)	1	*2

*1 Use 175-54332-10 untl exh, whn exh use Micro Switch 1HAIR.H.
*2 Use 175-54331-10 untl exh, whn exh use Micro Switch 2HAIR.H.
*3 For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see figure 292 in fuselage electrical section.
*4 Reworked per T. O. 1F-86-513.

ALIGHTING GEAR (Cont)

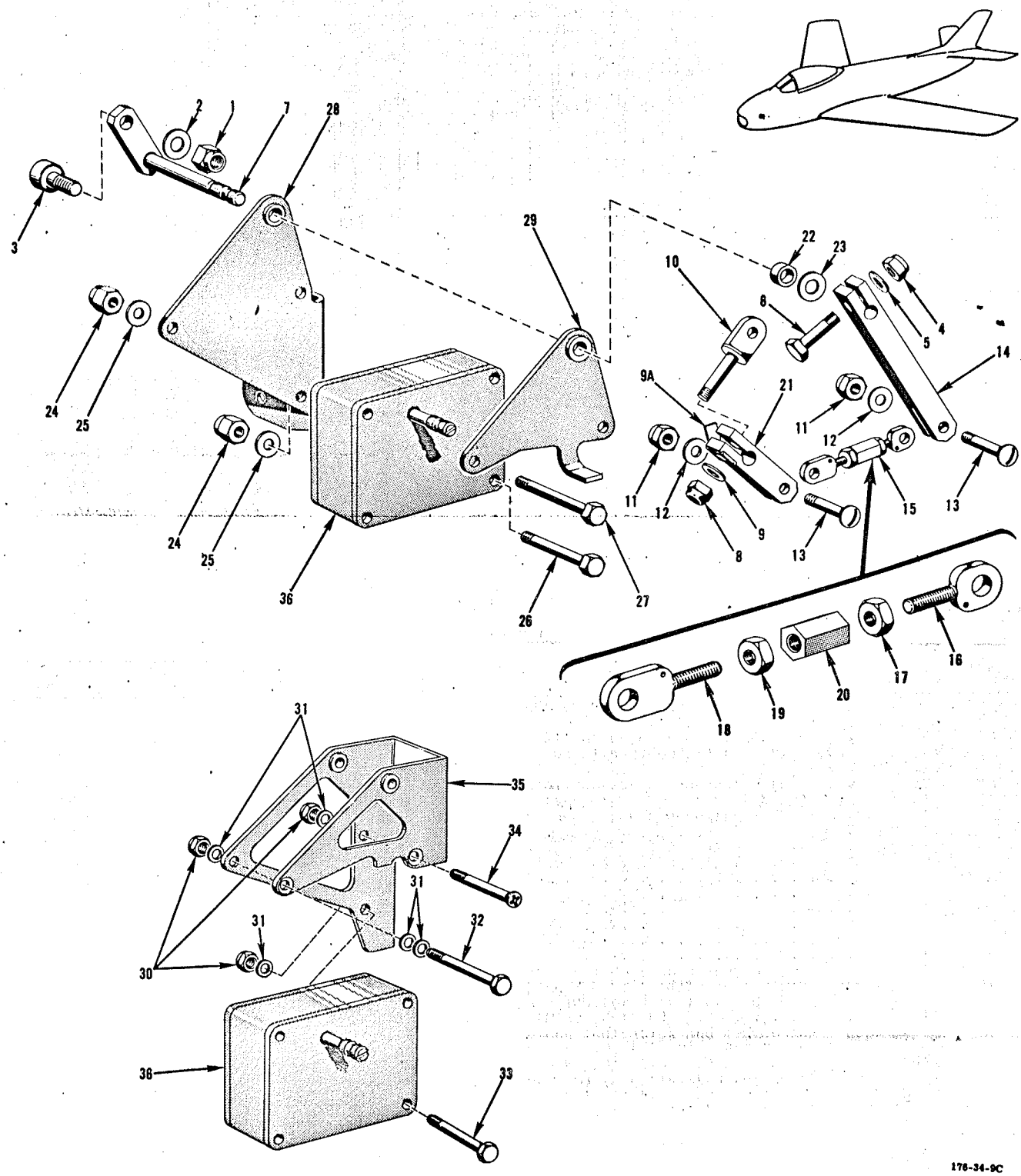


FIGURE 429 - AUXILIARY ALIGHTING GEAR WHEEL DOOR LOCKED INDICATING MECHANISM ASSEMBLY

ALIGHTING GEAR (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
429	191-34841	MECHANISM ASSY, Aux LG wheel door locked indicating (when exh use 191-34841-30) (see fig. 404 for next assy)	Ref	A, *3
	191-34841-30	MECHANISM ASSY, Aux LG wheel door locked indicating (use 191-34841 until exh) (see fig. 404 for next assy)	Ref	A, *3
	191-34841-10	MECHANISM ASSY, Aux LG wheel door locked indicating (when exh use 191-34841-20) (see fig. 404 for next assy)	Ref	B, *3
	191-34841-20	MECHANISM ASSY, Aux LG wheel door locked indicating (use 191-34841-10 until exh) (see fig. 404 for next assy)	Ref	B, *3
-1	AN365-1032	. NUT	1	A,B
-2	AN960D10L	. WASHER	2	A,B
-3	CR8-1CP	. CAM, Follower (Torrington)	1	A,B,*1
-4	AN365-428	. NUT	1	A,B
-5	AN960D416L	. WASHER	1	A,B
-6	AN4-7A	. BOLT	1	A,B
-7	191-34846-10	. SHAFT ASSY, Auxiliary alighting gear wheel door locked indicating mechanism	1	A,B,*1
-8	AN365-428	. NUT	1	A,B
-9	AN960D416L	. WASHER	1	A,B
-9A	193-34867	. STOP, Auxiliary alighting gear wheel door locked indicating mechanism arm (use 193-34862 or 191-34862 until exh)	1	B,*5,*6
-10	AN43-7A	. BOLT	1	A,B
-11	AN364-1032	. NUT	2	A,B
-12	AN960D10L	. WASHER	2	A,B
-13	AN23-10A	. BOLT	2	A,B
-14	191-34843-15	. ARM, Aux alighting gear wheel door closed indicating mech (use 191-34843-5 until exh)	1	A,B
-15	159-54321	. ARM ASSY, Auxiliary alighting gear uplock switch operating	1	A,B
-16	159-54355-5	. . ARM, Auxiliary alighting gear uplock switch operating	1	A,B
-17	159-54056	. . NUT, Light hexagon LH coarse thread	1	A,B
-18	159-54355-3	. . ARM, Auxiliary alighting gear uplock switch operating	1	A,B
-19	AN340-6	. . NUT	1	A,B
-20	159-54354	. . TURNBUCKLE, Aux alighting gear uplock switch operating	1	A,B
-21	191-34843-13	. ARM, Aux alighting gear door locked indicating mechanism (use 191-34843-3 until exh)	1	A,B
-22	NAS43DD4-13	. SPACER, Screw and bolt	1	A
	NAS43DD4-11	. SPACER, Screw and bolt	1	B
-23	AN960D416L	. WASHER	AR	A,B
-24	AN365-1032	. NUT	3	A
-25	AN960D10	. WASHER	3	A
-26	AN3-15A	. BOLT	1	A
-27	AN3-16A	. BOLT	2	A
-28	191-34842	. BRACKET ASSY, Aux alighting gear wheel door locked indicating mechanism	1	A,*4,*7
	4B18-4-125	. . BUSHING, Shoulder (North American)	1	A,*4,*7
-29	191-34845	. SUPPORT ASSY, Auxiliary alighting gear wheel door locked indicating mechanism	1	A,*4,*7
	4B18-4-125	. . BUSHING, Shoulder (North American)	1	A,*4,*7
-30	AN365-1032	. NUT	3	B
-31	AN960D10	. WASHER	5	B
-32	AN3-17A	. BOLT	1	B
-33	AN3-15A	. BOLT	1	B
-34	AN509-10R28	. SCREW	1	B
-35	191-34849	. BRACKET ASSY, Aux LG wheel door locked indicating mechanism	1	B,*5,*6
	4B18-4-125	. . BUSHING, Shoulder (North American)	2	B,*5,*6
-36	175-54332	. SWITCH ASSY, Alighting gear hermetically sealed sequencing single (wheel door lock) (see figure 425 for breakdown)	1	A,B,*2
	1HAIL.H.	. SWITCH ASSY, Enclosed (Micro Switch)	1	A,B,*2

*1 Use 191-33846 together with North American 4B19S6-016 and 4B21B4-017 until exh, whn exh use 191-34846-10 together with North American CR8-1CP.

*2 Use 175-54332 until exh, whn exh use Micro Switch 1HAIL.H.

*3 For airplanes that have not been reworked in accordance with T. O. 1F-86-120 see figure 292 in fuselage electrical section.

*4 Used on 191-34841

*5 Used on 191-34841-10

*6 Used on 191-34841-20

*7 Used on 191-34841-30

USEABLE ON CODE: A 51-2928 thru 51-12976, 51-13070 thru 51-13089

B 51-2850 thru 51-2927, 51-13090 and subs

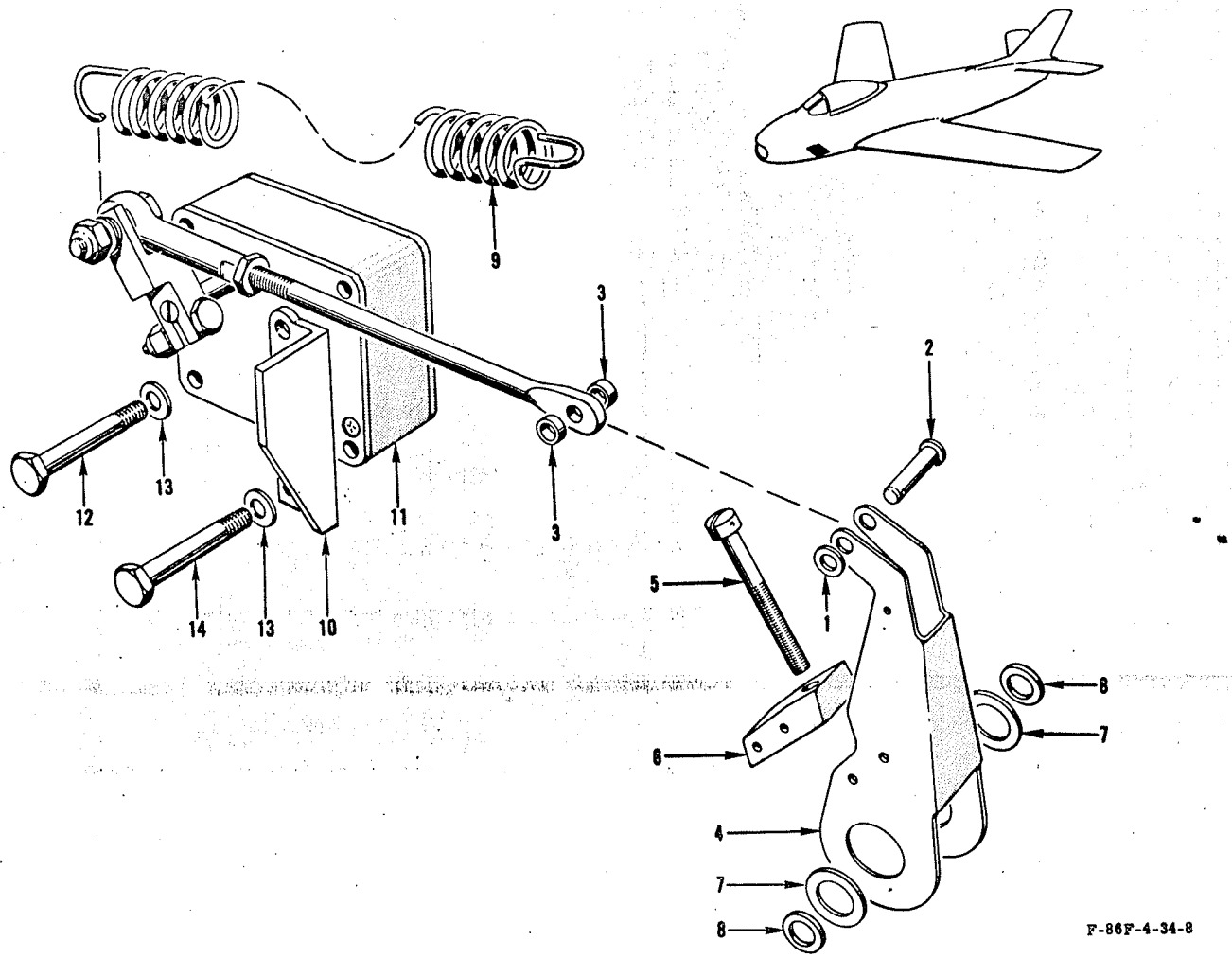


FIGURE 430 - AUXILIARY ALIGHTING GEAR WHEEL DOOR OPEN SEQUENCING SWITCH

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
430	No Number	AUXILIARY ALIGHTING GEAR WHEEL DOOR OPEN SEQUENCING SWITCH, (see figure 404 for next assembly)	NP	*1
-1	AN960D10L	. WASHER	1	
-2	AN393-17	. PIN	1	
-3	NAS43DD3-8	. SPACER, Screw and bolt	2	
	176-34853-10	. LEVER ASSY, Auxiliary landing gear wheel door open sequencing mechanism (use 176-34853 until exh)	1	
-4	176-34854-10	. . LEVER, Auxiliary landing gear wheel door open sequencing mechanism (use 176-34854 until exh)	1	
	176-34855	. . SCREW ASSY, Auxiliary landing gear wheel door open sequencing mechanism actuating lever adjusting	1	
-5	191-34855	. . . SCREW, Auxiliary landing gear wheel door open sequencing mechanism actuator lever adjusting (use 176-34855-5 and AN316-4R until exh)	1	
-6	176-34855-3	. . . NUT, Auxiliary landing gear wheel door open sequencing mechanism actuator lever adjusting	1	
-7	2W1-29-24-32	. WASHER	AR	
-8	2W18-716	. WASHER	AR	
-9	191-34856	. SPRING, Tension	1	
-10	191-34857	. STOP, Aux LG wheel door open sequence mechanism	1	A
-11	176-34850	. MECHANISM ASSY, Aux LG wheel door open sequencing (when exh use 176-34850-11) (see fig. 428 for breakdown)	1	*1
	176-34850-11	. MECHANISM ASSY, Aux LG wheel door open sequencing (use 176-34850 until exh) (see fig. 428 for breakdown)	1	*1
	ATTACHING PARTS			
-12	AN3-14A	. BOLT	4	A
	AN3-14A	. BOLT	2	B
-13	AN960-D10L	. WASHER	4	
-14	AN3-15A	. BOLT	2	B

*1 For airplanes that have not been reworked in accordance with T. O. No. 1F-86-120 see figure 292 in fuselage electrical section.

USEABLE ON CODE: A 51-2850 thru 52-5164, 52-5272 - 52-5530
B 52-5165 thru 52-5271, 53-1072 & subs

POWER PLANT AND ENGINE SECTION

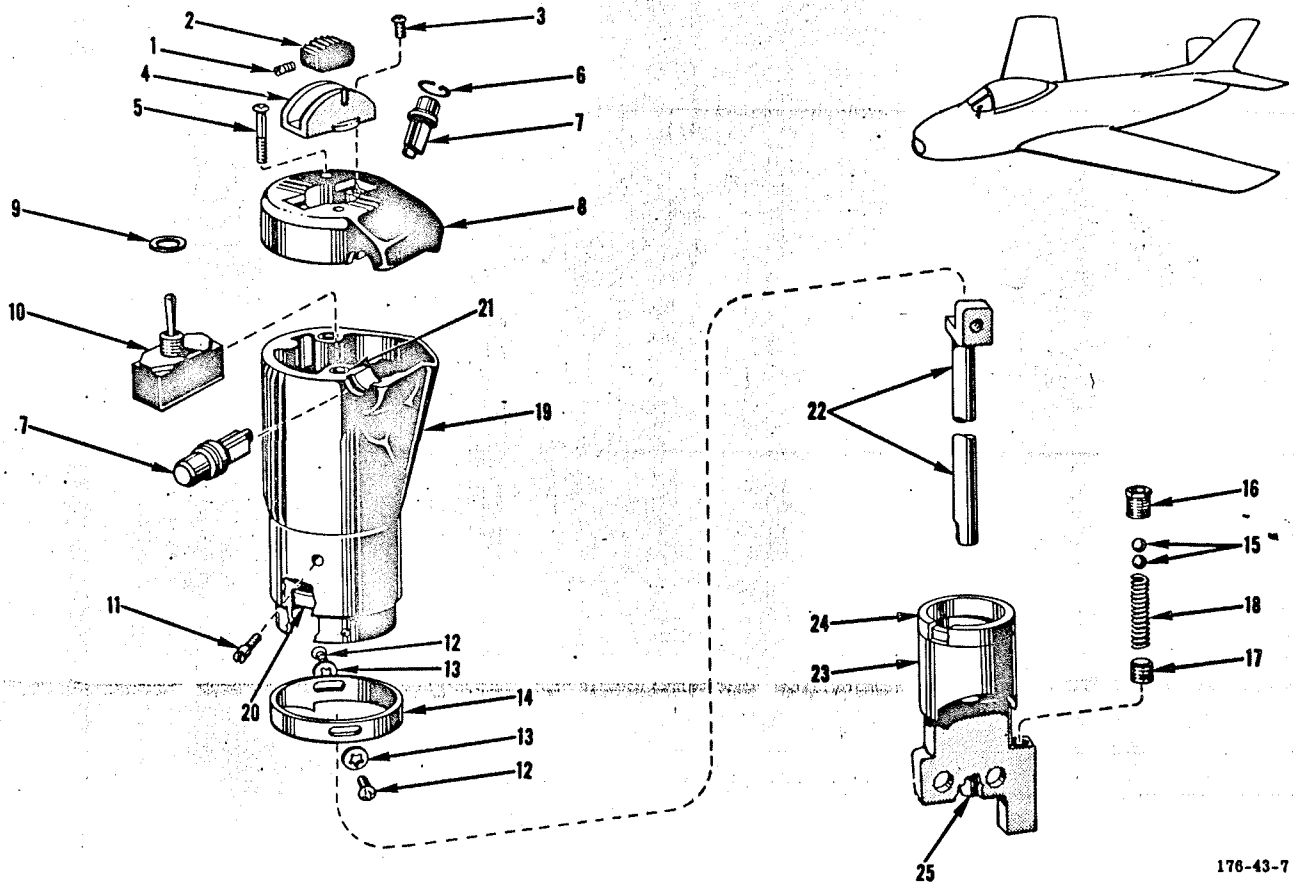


FIGURE 431 - ENGINE POWER CONTROL LEVER GRIP ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
431	172-43071	GRIP ASSY, Eng power control lever (see fig. 441 for next assy)	Ref	A
	191-43043	GRIP ASSY, Eng power control lever (see fig. 441 for next assy)	Ref	B
-1	AN565B4-3	. SCREW	2	
-2	151-43112	. BUTTON, Engine control speed brake toggle switch	1	A
	191-43030	. BUTTON, Engine control speed brake toggle switch	1	B
-3	PK542-2-5	. SCREW, (Parker-Kalon)	2	
-4	151-43113	. GUIDE, Engine power control grip speed brake button	1	A
	191-43029	. GUIDE, Engine power control grip speed brake button	1	B
-5	AN515-4R12	. SCREW	2	
-6	141-43023	. SPRING, Engine throttle micro switch retaining	1	C
	RR75C	. SPRING, (Spirolox) (Ramsey)	1	D
-7	138106	. SWITCH, (Ucinite)	2	C
	W104NGY3GY	. SWITCH, (Hetherington)	2	D
-8	151-43116	. CAP, Engine power control lever grip	1	A
	191-43028	. CAP, Engine power control lever grip	1	B
-9	2W1AL34-21-64	. WASHER, Plain (North American)	1	
-10	AN3021-1	. SWITCH, One hole mounting single pole toggle	1	
-11	172-43073	. PIN, Engine power control lever	1	
-12	AN515-6R3	. SCREW	2	
-13	AN936A6	. WASHER	2	
-14	172-43065	. RING, Engine power control lever handle stop	1	A
	191-43041	. RING, Engine power control lever handle stop	1	B
-15	No Number	. BALL, 3/16 (.1875) D12 chrome alloy steel ball (grade No. 1) (Steel Ball)	2	
-16	172-43062	. RETAINER, Engine power control detent ball	1	
-17	No Number	. SCREW, 1/4-20 x 1/4 headless set (Ducommun)	1	
-18	172-43054	. SPRING, Compression	1	
-19	172-43072	. BASE ASSEMBLY, Engine power control lever grip	1	A
	191-43031	. BASE ASSEMBLY, Engine power control lever grip	1	B
-20	172-43067	. . BEARING, Engine power control lever handle insert	1	
-21	120-43091	. . INSERT, Quadrant right engine power control grip	2	
-22	172-43075	. SHAFT, Engine control quadrant manual range control rheostat drive	1	
-23	172-43076	. ADAPTER ASSEMBLY, Engine power control lever handle	1	A
	191-43040	. ADAPTER ASSEMBLY, Engine power control lever handle	1	B
-24	172-43074	. . BEARING, Engine power control lever handle adapter	1	
-25	4B16CP3-8	. . BEARING, (North American)	1	

USEABLE ON CODE: A 51-2850 thru 51-13397, 52-4305 thru 52-4504; B 51-13398 thru 51-13510, 52-4505 and subs; C 51-2850 thru 53-1228; D 55-3816 and subs

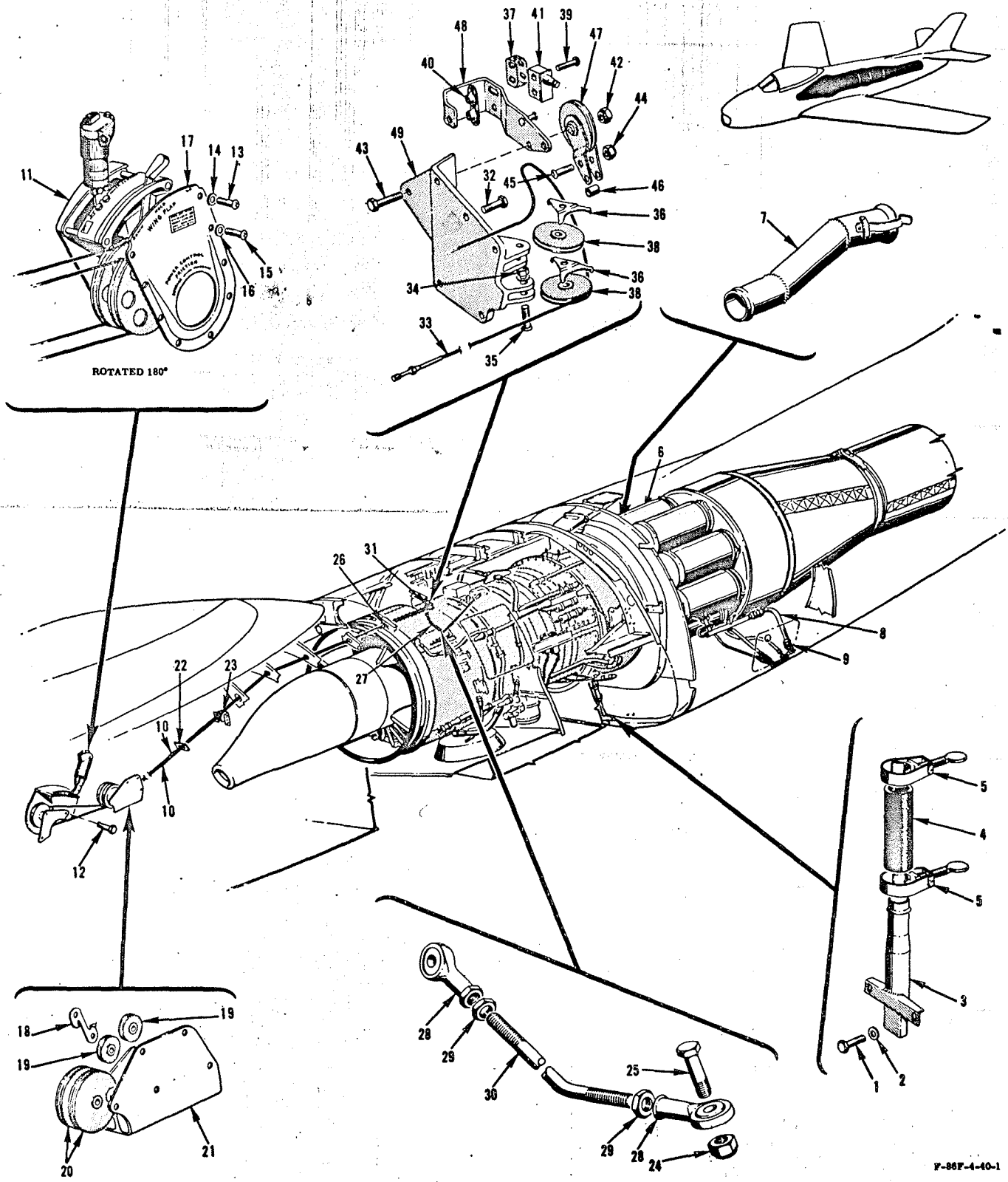


FIGURE 432 - COMPLETE POWER PLANT

POWER PLANT AND ENGINE SECTION (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
432	176-40001	POWER PLANT INSTALLATION, Complete	NP	
-1	AN3H5-2	. BOLT	2	
-2	AN960-10	. WASHER	2	
-3	176-42019-11	. FITTING ASSEMBLY, Engine drain fuselage attaching	1	
-4	3H2-10-20	. HOSE, (North American)	1	
-5	AN737RM34	. CLAMP	2	
	172-47001	. OIL SYSTEM EQUIPMENT INSTALLATION, Complete (see fig. 448)	NP	
	172-48031-51	. FUEL SYSTEM EQUIPMENT INSTALLATION, Fuselage (see fig. 449)	NP	
-6	176-42001	. ENGINE AND ACCESSORIES ASSEMBLY, Complete (see fig. 433)	1	A
	176-42001-50	. ENGINE AND ACCESSORIES ASSEMBLY, Complete (see fig. 433)	1	D
	176-42001-100	. ENGINE AND ACCESSORIES ASSEMBLY, Complete (see fig. 433)	1	B
	176-42001-200	. ENGINE AND ACCESSORIES ASSEMBLY, Complete (see fig. 433)	1	E
	176-42001-250	. ENGINE AND ACCESSORIES ASSEMBLY, Complete (see fig. 433)	1	C
	176-42001-300	. ENGINE AND ACCESSORIES ASSEMBLY, Complete (see fig. 433)	1	F,M
-7	176-42021	. DUCT ASSY, Engine midframe leakage air disconnect	1	
	151-42076	. . SPRING	2	
-8	AN6264-20D14 1/2	. HOSE ASSEMBLY	1	
-9	AN815-20D	. UNION	2	
	170-43001	. CONTROLS INSTALLATION, Engine	NP	
-10	AN155-16S	. . BARREL	2	
-11	170-43005	. . QUADRANT ASSY, Engine power control (whn exh use 170-43005-5 & -7) (see fig. 439 for breakdown)	1	G
	170-43005-5	. . QUADRANT ASSY, Engine power control (use 170-43005 untl. exh) (whn exh use 170-43005-7) (see fig. 439 for breakdown)	1	G
	170-43005-7	. . QUADRANT ASSY, Engine power control (use 170-43005 & -5. untl exh) (see fig. 439 for breakdown)	1	G
	191-43005	. . QUADRANT ASSY, Engine power control (see fig. 440)	1	H
	191-43005-3	. . QUADRANT ASSY, Engine power control (see fig. 440)	1	J
	191-43044	. . QUADRANT ASSY, Engine power control (see fig. 440)	1	K
	202-43105	. . QUADRANT ASSY, Engine power control (when exh use 202-43105-11) (see fig. 440 for breakdown)	1	L
	202-43105-11	. . QUADRANT ASSY, Engine power control (use 202-43105 untl exh) (see fig. 440 for breakdown)	1	L
-12	AN4-6A	. . BOLT	3	
-13	AN515-8R8	. . SCREW	7	
-14	2W1-12-20-32	. . WASHER, Plain (North American)	7	
-15	AN520-10R10	. . SCREW	2	
-16	2W1-12-24-32	. . WASHER, Plain (North American)	2	
-17	151-43041	. . PLATE, Engine control quadrant cover	1	A
-18	151-43038	. . GUARD, Engine control station 97 cable	1	A
-19	AN210-1B	. . PULLEY	2	A
-20	AN210-2B	. . PULLEY	2	A
-21	152-43039	. . BRACKET, Engine control station 97 pulley	1	A
-22	151-43086	. . SEAL, Engine control pressure bulkhead cable	1	
-23	AN210-1B	. . PULLEY	2	
-24	AN365-428	. . NUT	1	
-25	AN4-12A	. . BOLT	1	
-26	151-43031	. . SEAL, Engine controls cable station 178	1	
	151-43032	. . FAIRLEAD, Engine controls cable station 178	1	
-27	176-43013	. . ROD ASSEMBLY, Engine control bellcrank to engine	1	
-28	HF4	. . . ROD END, (top) (Heim)	1	
	RE4F5	. . . ROD END, (bottom) (Fafnir)	1	
-29	AN316-4R	. . . NUT, (top)	1	
	AN316-5R	. . . NUT, (bottom)	1	
-30	176-43013-3	. . ROD, Ending control bellcrank to engine	1	
-31	172-43050	. . CLUSTER ASSY, Engine control fus sta 190 3/32 pulley	1	
-32	AN3-7A	. . . BOLT	5	
-33	151-43030	. . . CABLE ASSEMBLY, Engine control aft pulley	1	
-34	AN365-1032	. . . NUT	2	
	AN960-10L	. . . WASHER	AR	
	AN936A416	. . . WASHER	1	
-35	AN3-11A	. . . BOLT, (top)	1	
	AN509-10R17	. . . BOLT, (bottom)	1	
-36	172-43047	. . . GUARD ASSY, Engine control cable upper sta 190.093	2	
-37	8C4-3	. . . COVER, Switch protector (North American)	1	
-38	AN210-2B	. . . PULLEY	2	
-39	AN515-6-20	. . . SCREW	2	
-40	151-54526	. . . PLATE ASSEMBLY, Engine control microswitch holddown	1	
-41	MD2721	. . . ACTUATOR, (Micro Switch)	1	
	AN3216-1	. . . SWITCH	1	
-42	AN310-4	. . . NUT	1	
-43	AN4-14	. . . BOLT	1	
-44	AN365-1032	. . . NUT	1	
-45	AN520-1032R18	. . . SCREW	1	
-46	4S4D6-19	. . . SPACER, Rivet (North American)	1	
-47	151-43107	. . . PULLEY ASSEMBLY, Engine control bellcrank	1	
-48	172-43048	. . . BRACKET ASSEMBLY, Engine cont landing gear warning sw	1	
-49	172-43049	. . . BRACKET ASSY, Engine control sta 190.093 pulley sup	1	

USEABLE ON CODE:

A 51-2850 thru 51-12976, 51-13070 thru 51-13109
B 51-13110 thru 51-13397
C 51-13398 thru 51-13510
D 52-4305 thru 52-4904, 52-5272 thru 52-5446
E 52-4905 thru 52-5271, 52-5447 thru 52-5530
F 53-1072 thru 53-1228
G 51-2850 thru 51-13109
H 52-4305 thru 52-4454
J 51-13110 thru 51-13397, 52-4455 thru 52-4504
K 51-13398 thru 51-13510, 52-4505 thru 52-5163,
L 52-5164 thru 52-5271, 52-5272 thru 52-5530
M 53-1072 and subs 55-3816 and subs

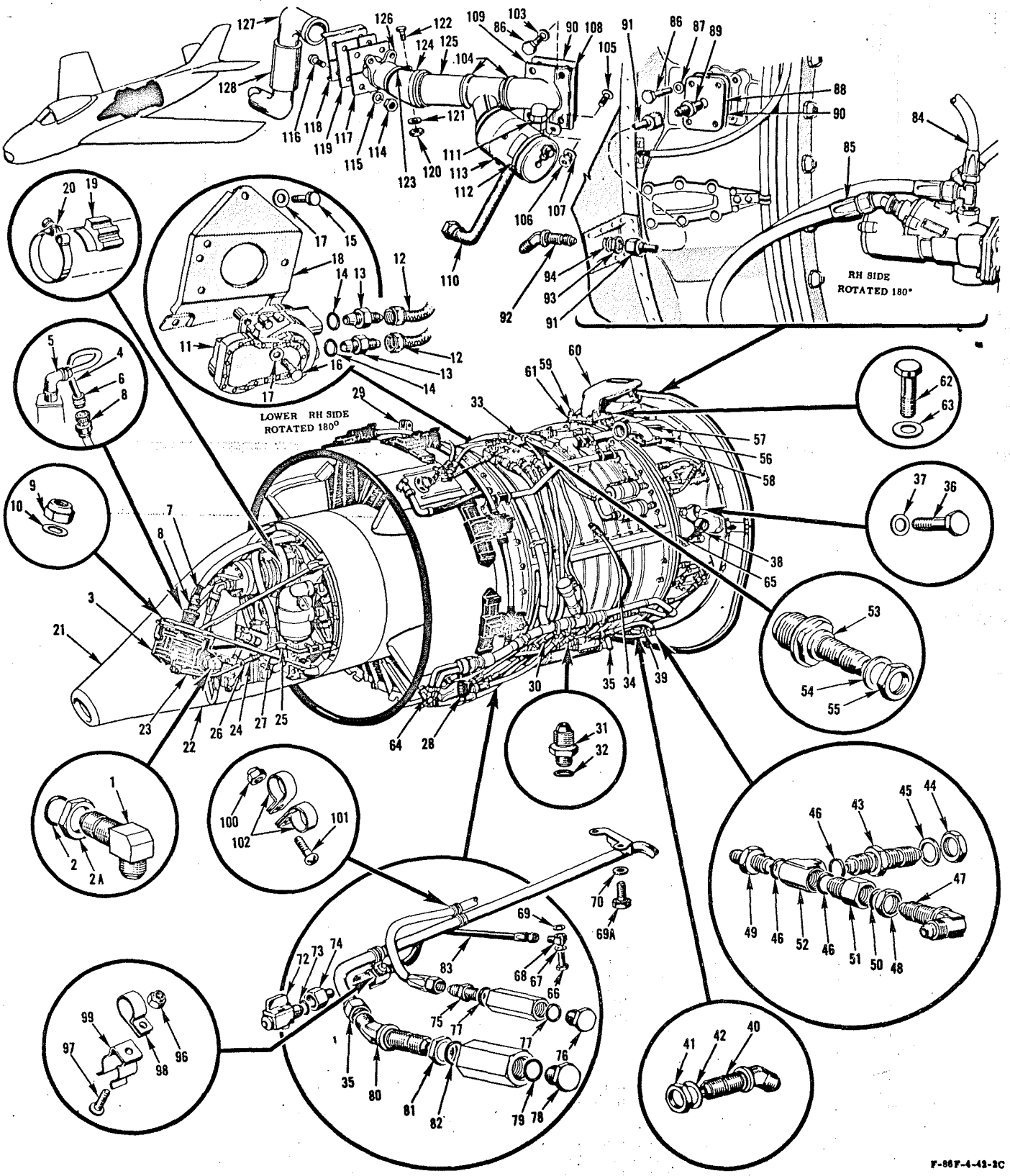


FIGURE 433 - COMPLETE ENGINE AND ACCESSORIES ASSEMBLY

POWER PLANT AND ENGINE SECTION (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
433	176-42001	ENGINE AND ACCESSORIES ASSEMBLY, Complete (see figure 432 for next assembly)	Ref	A
	176-42001-50	ENGINE AND ACCESSORIES ASSEMBLY, Complete (see figure 432)	Ref	D
	176-42001-100	ENGINE AND ACCESSORIES ASSEMBLY, Complete (see figure 432)	Ref	B
	176-42001-200	ENGINE AND ACCESSORIES ASSEMBLY, Complete (see figure 432)	Ref	E
	176-42001-250	ENGINE AND ACCESSORIES ASSEMBLY, Complete (see figure 432)	Ref	C
	176-42001-300	ENGINE AND ACCESSORIES ASSEMBLY, Complete (see figure 432)	Ref	F
	No Number	. ENGINE AND ACCESSORIES(Cont) (see fig. 435 for breakdown)	NP	
	No Number	. FORWARD ENGINE ACCESSORIES, (see figure 436 for breakdown)	NP	
	No Number	. AFT ENGINE BLANKETS TAIL PIPE AND ACCESSORIES (see figure 437 for breakdown)	NP	
-1	176-42020	. FITTING, Fuel flowmeter	2	A,B,C,D
-2	MS29512-16	. GASKET	2	A
-2A	AN924-16D	. NUT	2	
-3	9106-12A1	. FLOWMETER ASSY, Fuel (Eclipse-Pioneer) (intrch wth Eclipse-Pioneer 9106-12A1A or 9106-12B1A)	1	A
	191-51055	. TRANSMITTER ASSY, Engine fuel flow (intrch wth Eclipse-Pioneer 9105-12A1A on airplanes 52-4305 thru 52-5271 only)	1	B,C,D
	9104-12A6A	. . TRANSMITTER ASSY, Fuel flow (Eclipse-Pioneer)	1	B,C,D
-4	191-54136	. . HARNESS ASSY, Electrical fuel flow transmitter	1	B,C,D
-5	AN3108B16S1S	. . . PLUG	1	B,C,D
	AN3057-8A	. . . ADAPTER	1	B,C,D
-6	AN3101B14S2P	. . . RECEPTACLE	1	B,C,D
	AN3057-6A	. . . ADAPTER	1	B,C,D
-7	176-54182	. HARNESS ASSY, Electrical fuel flow transmitter	1	B,C,D
-8	AN3106B14S2S	. . PLUG, (forward) (flowmeter)	1	B,C,D
	AN3057-6A	. . ADAPTER	2	B,C,D
	AN3101A14S5P	. . RECEPTACLE, (aft)	1	B,C,D
	9105-12A1A	. FLOWMETER ASSY, Fuel (Eclipse-Pioneer)	1	B,C,D
-9	AN365-428	. NUT	3	A,B,C,D
-10	AN960D416	. WASHER	3	A,B,C,D
-11	9115-16B1A	. FLOWMETER ASSY, Fuel (Eclipse-Pioneer) (type J6) (Spec MIL-T6598) (AERNO 61-2446) (intrch wth 9115-16C1A)	1	E
	9115-16D1	. FLOWMETER ASSY, Fuel (Eclipse-Pioneer) (type J6A) (Spec MIL-T6598C) (GFAE) (use 9115-16B1A or 9115C1A untl exh)	1	F
-12	MS28741-12-22 1/2	. HOSE ASSEMBLY	2	E,F
-13	AN919-23D	. REDUCER	2	E,F
-14	AN902-16	. GASKET	2	E,F
-15	AN4H4A	. BOLT	3	E,F
-16	AN4-12A	. BOLT	3	E,F
-17	2W17-416	. WASHER, Corrosion resistant steel (North American)	6	E,F
-18	191-42016-11	. BRACKET ASSY, Engine fuel flowmeter (use 191-42016 untl exh)	1	E,F
-19	202-54039	. COVER, Electrical J47 engine generator terminal	1	
-20	326-75-7.563SH	. CLAMP, (Marman)	1	
-21	176-42005-3	. COVER ASSY, Engine accessories section two piece (see figure 465 for breakdown)	1	
-22	176-42005-5	. COVER ASSY, Engine accessories section two piece (see figure 465 for breakdown)	1	
-23	176-53341-15	. ADAPTER ASSY, Heat and vent engine accessory cover anti-icing line (whn exh use 176-53341-21)	1	A,B,C,D
	176-53341-21	. ADAPTER ASSY, Heat and vent engine accessory cover anti-icing line (use 176-53341-15 untl exh on airplanes coded A,B,C & D only)	1	
-24	191-53311-5	. SLEEVE, Heat and vent sys eng accessory cover anti-icing line (use 176-53338-3 untl exh)	1	
-25	191-53311-3	. SLEEVE, Heat and vent sys eng accessory cover anti-icing line (use 176-53338 untl exh)	1	
-26	AN737TW26	. CLAMP	2	
-27	176-42010	. SUPPORT ASSEMBLY, Fuel flowmeter	1	A,B,C,D
	AN4H5A	. BOLT	3	A,B,C,D
	AN4H4A	. BOLT	1	A,B,C,D
-28	176-42015	. CAP ASSEMBLY, Engine fuel inlet	1	
-29	176-31926	. SUPPORT ASSY, Eng fwd mount (see fig. 443 for breakdown) (whn exh use 176-31926-10)	1	
	176-31926-10	. SUPPORT ASSY, Eng fwd mount (see fig. 443 for breakdown) (use 176-31926 untl exh)	1	
-30	AN6264-5-34 1/2	. HOSE ASSEMBLY	1	
-31	AN919-19D	. REDUCER	1	
-32	AN6227-12	. PACKING	1	
-33	AN6264-12D40 3/4	. HOSE ASSEMBLY	1	
-34	AN6264-4-20 1/2	. HOSE ASSEMBLY, (oil pressure to transmitter)	1	
-35	176-42032-5	. TUBE ASSEMBLY, Engine forward drain to hose	1	
-36	AN8H7A	. BOLT	8	
-37	AN960-816	. WASHER	8	
-38	172-42051	. FITTING ASSY, Eng main trun LH (see fig. 434 for breakdown)	1	
	172-42052	. FITTING ASSY, Eng main trun RH (see fig. 434 for breakdown)	1	
-39	AN6264-4-50	. HOSE ASSEMBLY	1	

POWER PLANT AND ENGINE SECTION (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
433-40	AN837-4	.	ELBOW	1	
-41	AN924-4	.	NUT	1	
-42	AN960D716	.	WASHER	1	
-43	AN832-10D	.	UNION	1	
-44	AN924-10D	.	NUT	1	
-45	AN960-1416	.	WASHER	1	
-46	934-14	.	PACKING	3	
-47	AN833-5D	.	ELBOW	1	
-48	AN924-5D	.	NUT	1	
-49	AN919-14D	.	REDUCER	1	
-50	934-8	.	PACKING	1	
-51	AN893-81D	.	BUSHING	1	
-52	AN926-10D	.	TEE	1	
-53	155S2-12D	.	COUPLING HALF, (Aeroquip) (use 155S2-12 until exh)	1	
-54	AN960D1716	.	WASHER	1	
-55	AN924-12	.	NUT	1	
-56	AN4H4A	.	BOLT	4	
	AN960-416L	.	WASHER	4	
-57	191-53310	.	ELBOW ASSY, Heat and vent sys engine connecting (use 172-53325 until exh)	1	
-58	151-53381	.	GASKET, Heat and vent system engine connecting	1	
-59	151-42039	.	BRACKET, Engine hoist	2	
-60	151-42040-10	.	ELBOW, Engine compressor leakage air	1	
-61	2W1AL34-40-188	.	WASHER, Plain (North American)	2	
-62	AN8H10A	.	BOLT	4	
-63	AN960-816	.	WASHER	4	
-64	AN823-4	.	FITTING, (replaces the existing AN822-4D elbow furnished with eng in accordance with T. O. No. 1F-86-49)	1	
-65	J47GE27	.	ENGINE, Jet (7EJ47GE27) (General Electric) (GFAE)	1	
-66	AN755-5D	.	BOLT	1	
-67	AN900-8	.	GASKET	1	
-68	AN776-5D	.	ELBOW	1	
-69	AN901-5A	.	GASKET	1	
-69A	AN8H6A	.	BOLT	2	
-70	AN960-816	.	WASHER	2	
-71	151-42054	.	BRACKET, Engine forward drain elbow	1	
-72	7551-2	.	VALVE ASSEMBLY, Drain (Koehler) (intrch wth Clary 70B1142-35)	1	
-73	AN6227-9	.	PACKING	1	
-74	AN894D6-5	.	BUSHING	1	
-75	AN815-4	.	UNION	1	
-76	AN806D4	.	PLUG	1	
-77	AN6227-7	.	PACKING	2	
-78	AN806D10	.	PLUG	1	
-79	934-14	.	PACKING	1	
-80	AN837-10D	.	ELBOW	1	
-81	AN924-10D	.	NUT	1	
-82	934-14	.	PACKING	1	
-83	AN6264-5-14	.	HOSE ASSEMBLY	1	
-84	AN6264-4-59	.	HOSE ASSEMBLY, (fuel pressure to transmitter)	1	A,B,C,D
-85	AN6264-6-24	.	HOSE ASSEMBLY, (fuel flow divider drain)	1	
-86	AN4H4A	*1 .	BOLT	4	
-87	AN960D416L	*1 .	WASHER	4	
-88	176-42036-13	*1 .	CONNECTOR ASSY, Eng compressor discharge air take-off	1	
-89	AN816-4	*1 .	NIPPLE	1	
-90	151-53381	*2 .	GASKET, Heat and vent system engine connecting	1	
-91	176-42032-29	*1 .	TUBE ASSEMBLY, Engine pad to firewall	1	
-92	AN837-6	.	ELBOW	1	
-93	AN924-6	.	NUT	1	
-94	AN960-916	.	WASHER	1	
-95	DELETED				
-96	AN365-1032	.	NUT	1	
-97	AN520-10R10	.	SCREW	1	
-98	AN742D12C	.	CLAMP	1	
-99	151-47053	.	CLIP, Engine oil cooler drain	1	
-100	AN365-1032	.	NUT	1	
-101	AN520-10R10	.	SCREW	1	
-102	AN742D12C	.	CLAMP	2	
-103	AN960D416L	*2 .	WASHER	2	
-104	43688-125	*2 .	COUPLING, (Marman)	2	
	5R13-15	*2 .	RING, Heat & vent sealing (North American)	2	
-105	7S14-1032-8A	*2 .	SCREW, (North American)	1	
-106	H31-3	*2 .	NUT, Kaynar)	1	
-107	2W17-10	*2 .	WASHER, (North American)	1	
-108	202-533097	*2 .	BRACKET, Stabilizing shut-off valve compressor	1	
-109	202-53352	*2 .	ELBOW, Heat & vent sys turbine air connecting, assy of	2	
-110	202-42081-13	*2 .	TUBE ASSY, Engine pad to firewall	1	
-111	AN815-6	*2 .	UNION	1	
	AN900-6	*2 .	GASKET	1	
-112	20305	*2 .	CLAMP, (Universal Metal Products)	1	
-113	4125-70	*2 .	VALVE, (Transco Products)	1	
-114	AN365-1032	*2 .	NUT	4	
-115	2W18-10	*2 .	WASHER, (North American)	4	
-116	AN520-10R7	*2 .	SCREW	4	
-117	202-533080	*2 .	SHIM, Line, aft air duct turbine	2	

POWER PLANT AND ENGINE SECTION (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
433-118	202-533092	*2	.	RETAINER, Seal air duct turbine	2	
-119	202-533081	*2	.	SHIM, Line, fwd air duct turbine	2	
-120	MS20500-1032	*2	.	NUT	1	
-121	2W17-10	*2	.	WASHER, (North American)	1	
-122	5B30-1032-4A	*2	.	BOLT (North American)	1	
-123	AN735-28	*2	.	CLAMP	1	
-124	202-533079	*2	.	SPACER, Line, air duct turbine	1	
-125	202-953349	*2	.	DUCT, Heat & vent turbine air, assy of	1	
-126	202-533078	*2	.	SHIELD, Line, air duct turbine, assy of	1	
-127	CWC1907		.	DUCT, (Circle Weld)	1	
-128	202-53376			DUCT, Heat & vent sys refrigeration unit to engine connecting, assy of (see figure 394A)	Ref	

*1 Removed from airplanes modified per T.O. 1F-86F-532.
*2 Used on airplanes modified per T.O. 1F-86F-532.

USEABLE ON CODE:
A 51-2850 thru 51-13109
B 51-13110 thru 51-13397
C 51-13398 thru 51-13510
D 52-4305 thru 52-4904, 52-5272 thru 52-5446
E 52-4905 thru 52-5271, 52-5447 thru 52-5530
F 53-1072 and subs
G 51-2850 thru 51-13109, 51-13398 thru 52-5530

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POWER PLANT AND ENGINE SECTION (Cont)

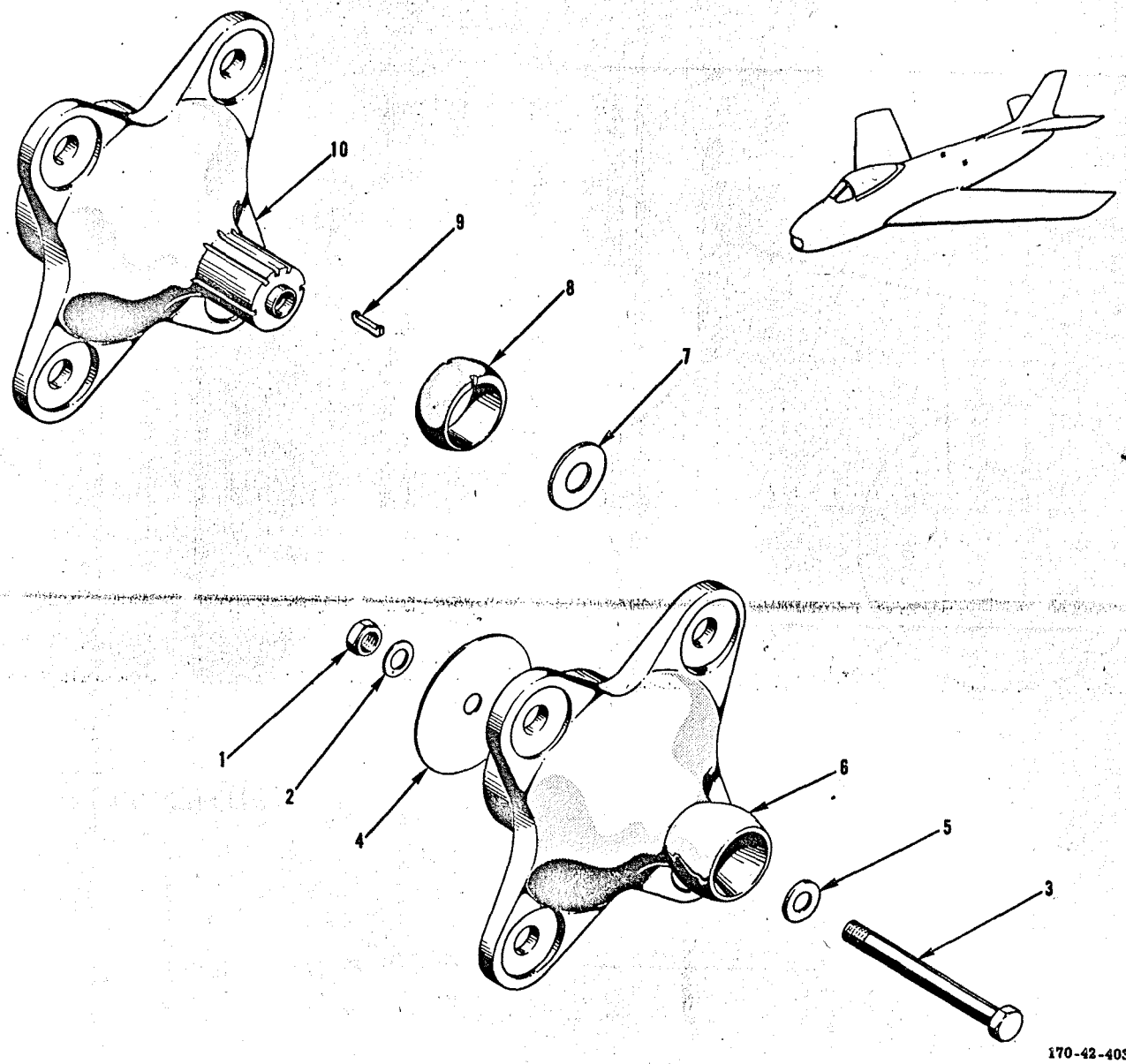


FIGURE 434 - ENGINE MAIN TRUNNION LH AND RH FITTING ASSEMBLIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
434		ENGINE MAIN TRUNNION LH AND RH FITTING ASSEMBLIES		
	172-42051	. FITTING ASSY, Engine main trunnion LH (see figure 433 for next assembly)	Ref	
-1	AN320-3	. . NUT	1	
-2	AN960D10L	. . WASHER	1	
-3	AN3-35	. . BOLT	1	
-4	2W1AL14-78-40	. . WASHER, Plain (North American)	1	
-5	2W1AL14-20-40	. . WASHER, Plain (North American)	1	
-6	172-42050-3	. . FITTING, Engine main trunnion LH	1	
	172-42052	. FITTING ASSEMBLY, Engine main trunnion RH (see figure 433 for next assembly)	Ref	
-7	2W1C33-32-32	. . WASHER, Plain (North American)	1	
-8	191-42052	. . BEARING, Engine RH main trunnion ball (use 151-42081 untl exh)	1	
-9	151-42082	. . KEY, Engine RH main trunnion ball	1	
-10	172-42050-5	. . FITTING, Engine RH main trunnion ball	1	

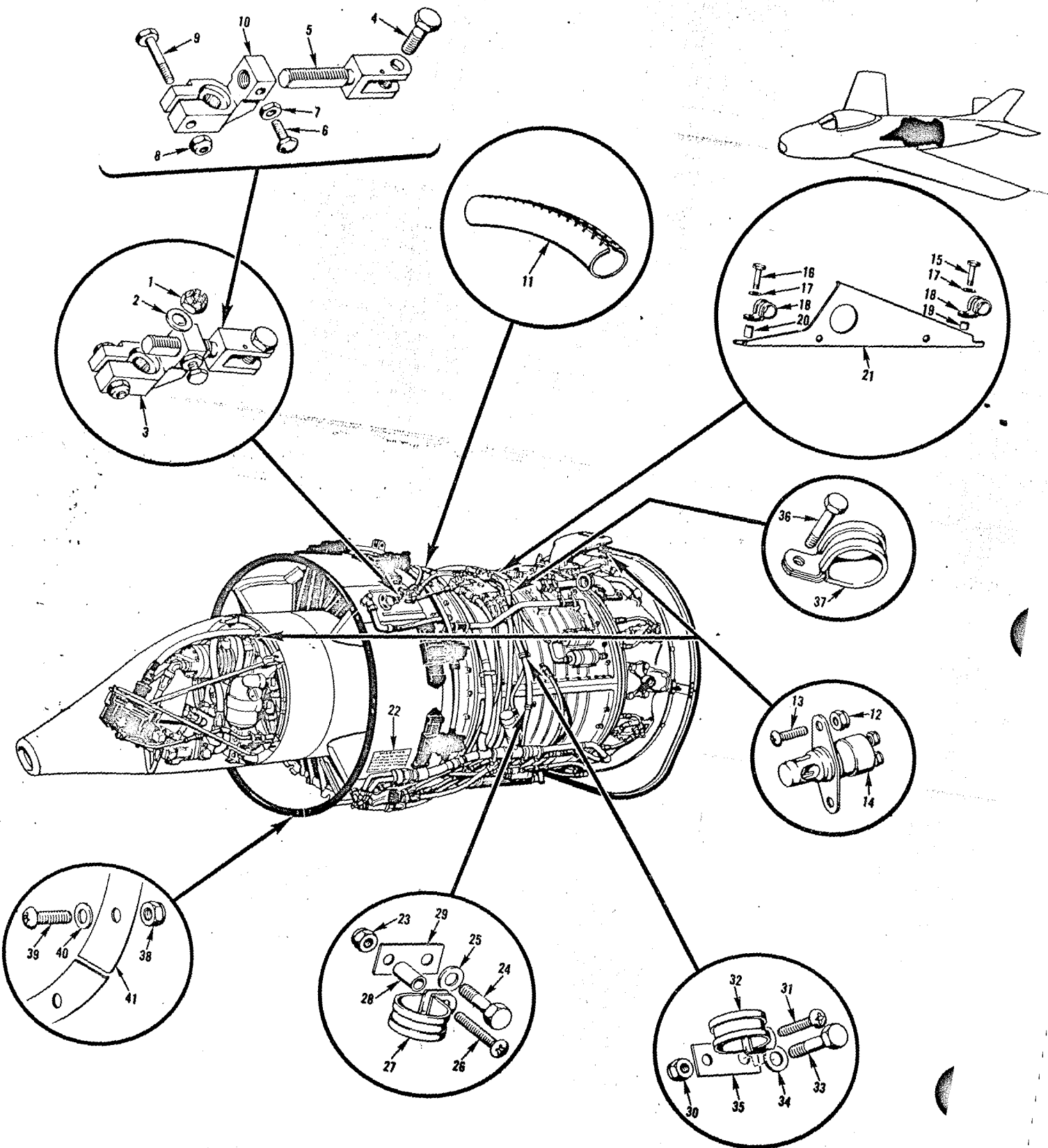


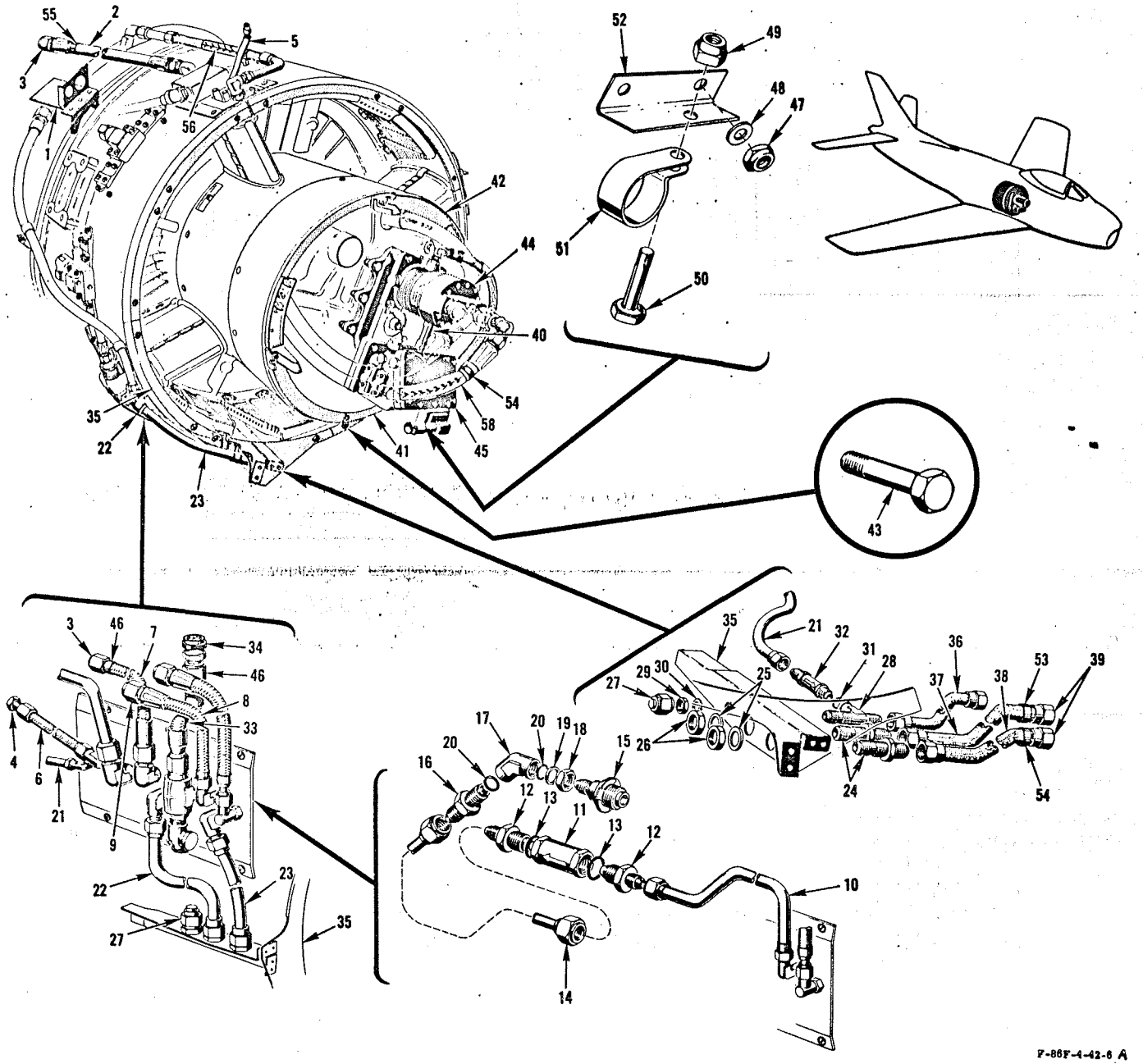
FIGURE 435 - ENGINE AND ACCESSORIES (Cont)

F-86F-4-43-8A

POWER PLANT AND ENGINE SECTION (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
435	No Number	ENGINE AND ACCESSORIES (Cont) (see fig. 433 for next assy)	NP	
-1	AN310-4	NUT	1	
-2	AN960-416	WASHER	1	
-3	176-43014	LEVER ASSEMBLY, Engine power control lever attaching	1	
-4	AN4H6A	BOLT	1	
-5	176-43011	CLEVIS, Engine power control engine attaching lever	1	
-6	NAS428-3-4	BOLT, Adjusting crowned hex head	1	
-7	AN315-3	NUT	1	
-8	AN365-1032	NUT	1	
-9	AN3-10A	BOLT	1	
-10	176-43012	LEVER, Engine power control engine attaching	1	
-11	176-42050-7	SHIELD, Engine accessory lines high temperature	1	
-12	AN365-632	NUT	4	
-13	AN515-6R6	SCREW	4	
-14	36010-2	FIRE DETECTOR HEAD, (Edison) (use Edison 35534-2 until exh)	2	
-15	AN3H5A	BOLT	1	
-16	AN3H11A	BOLT	1	
-17	AN960D10	WASHER	2	
-18	AN742D10C	CLAMP	2	
-19	NAS43DD3-8	SPACER	1	
-20	NAS43DD3-40	SPACER	1	
-21	176-47009	BRACKET, Oil return disconnect support	1	
-22	176-42017	DECAL, Engine fuel inlet cap installation	1	
-23	AN365-1032	NUT	1	
-24	AN4H4A	BOLT	1	
-25	AN960D10L	WASHER	1	
-26	AN520-10R18	SCREW	1	
-27	AN742D19C	CLAMP	1	
-28	NAS43DD3-40	SPACER	1	
-29	176-47007	TAB, Engine oil return line clamp support	1	
-30	AN365-1032	NUT	1	
-31	AN520-10R10	SCREW	1	
-32	AN742D19C	CLAMP	1	
-33	AN4H4A	BOLT	1	
-34	AN960D10L	WASHER	1	
-35	176-47007	TAB, Engine oil return line clamp support	1	
-36	AN3H4A	BOLT	1	
-37	AN742D19C	CLAMP	1	
-38	AN365-428	NUT	16	
-39	AN526-428R12	SCREW	16	
-40	AN960D416	WASHER	16	
-41	176-42026-3	FLANGE, Engine air inlet	3	

POWER PLANT AND ENGINE SECTION (Cont)



F-86F-4-42-6 A

FIGURE 436 - FORWARD ENGINE SECTION ACCESSORIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
436	No Number	FORWARD ENGINE SECTION ACCESSORIES, (see fig. 433 for next assy)	NP	
-1	176-54178	. BRACKET ASSY, Engine elec disconnect (use 176-54078 until exh)	1	
-2	3H3-12-017	. HOSE ASSY, (normal flight control suct.) (North American) . .	1	
-3	150S1-12D	. COUPLING HALF, (Aeroquip) (use 150S1-12 until exh)	2	
	C155-25-12D	. NUT, (Aeroquip) (use 155-25-12 until exh)	2	
-4	150S1-6D	. COUPLING HALF, (Aeroquip) (use 150S1-6 until exh)	1	
	C155-25-8D	. NUT, (Aeroquip) (use 155-25-8 until exh)	1	
-5	80010	. LEAD GENERAL DISCONNECT, (Airtron)	1	
-6	AN6271-6-51	. HOSE ASSY, (normal flight control case drain)	1	
-7	3H3-12-0244	. HOSE ASSY, (utility suction) (North American) . . . . . (altered from AN6271)	1	
-8	AN6271-6-11 3/4	. HOSE ASSEMBLY, (utility case drain)	1	B
-9	150S1-6D	. COUPLING HALF, (Aeroquip) (use 150S1-6 until exh)	1	B
	C155-25-8D	. NUT, (Aeroquip) (use 155-25-8 until exh)	1	B
-10	172-58823-41	. LINE ASSY, Utility case drain from engine island to . . . . . check valve	1	A,*3
-11	1111-517733	. VALVE ASSY, Check (Parker Aircraft)	1	A,*3

POWER PLANT AND ENGINE SECTION (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
436-12	AN919-12D	.	REDUCER	2	A,*3
-13	AN6290-8	.	GASKET	2	A,*3
-14	172-58823-43	.	LINE ASSY, Utility case drain, check valve to disc fitting	1	A,*3
-15	155S2-6	.	FITTING, Disconnect (Aeroquip)	1	A,*3
-16	AN815-6D	.	UNION	1	A,*3
-17	AN941-6D	.	ELBOW	1	A,*3
-18	AN6289-6	.	NUT	1	A,*3
-19	AN6291-6	.	RING	1	A,*3
-20	AN6290-6	.	GASKET	2	A,*3
-21	176-58817-7	.	LINE ASSY, Elbow island No. 2 to check valve under engine shaft seal drain (hydraulic pump seepage drain)	1	
-22	176-58412	.	TUBE ASSY, Hydraulic engine island No. 2 utility pressure	1	
-23	176-58411	.	TUBE ASSY, Hyd eng island No. 2 normal flight control press.	1	
-24	AN832-8D	.	UNION	2	
-25	AN960D1216	.	WASHER	2	
-26	AN924-8D	.	NUT	2	
-27	AN929-4	.	CAP	1	
-28	AN783D4	.	TEE	1	
-29	AN924-4D	.	NUT	1	
-30	AN960D716	.	WASHER	1	
-31	AN6227-7	.	PACKING	1	
-32	10-1344-75	.	VALVE ASSEMBLY, Check (Parker Aircraft)	1	
-33	3H3-16-12 1/2	.	HOSE ASSEMBLY, (engine oil inlet) (North American)	1	C,*2
-34	8000D16	.	SOCKET ASSY, (female) (Wiggins)	1	C,*2
-35	176-58413-15	.	BRACKET ASSY, Hyd eng island No.2 line support (use 176-58413-11 until exh)	1	
-36	AN6271-4-26 3/4	.	HOSE ASSEMBLY, (seepage drain)	1	
-37	AN6292-8-20	.	HOSE ASSEMBLY, (utility pressure)	1	*1
-38	AN6292-8-16 3/4	.	HOSE ASSEMBLY, (normal flight control pressure)	1	*1
-39	150S1-8D	.	COUPLING HALF, (Aeroquip) (use 150S1-8 until exh)	2	
	C155-25-8D	.	NUT, (Aeroquip) (use 155-25-8 until exh)	2	
-40	176-58817-41	.	LINE ASSY, Utility system pump to normal system pump shaft seal drain hydraulic	1	
-41	176-42031-3	.	RING ASSEMBLY, Engine accessory cover retainer	1	
-42	176-42031-5	.	RING ASSEMBLY, Engine accessory cover retainer	1	
-43	AN4H4A	.	BOLT	6	
-44	176-58601	.	PUMP ASSEMBLY, Hydraulic utility complete (see figure 445)	1	A
	191-58601	.	HYDRAULIC EQUIPMENT ASSY, Utility system pump (whn exh use 227-58601-3) (see figure 445)	1	B
	227-58601-3	.	HYDRAULIC EQUIPMENT ASSY, Utility system pump (use 191-58601 until exh) (see figure 445)	1	B,*4
	227-58601-5	.	HYDRAULIC EQUIPMENT ASSY, Utility system pump (intrch wth 191-58601 or 227-58601-3 on airplanes 53-1072 and subs only) (see figure 445)	1	D,*4
-45	176-58602	.	PUMP ASSEMBLY, Hydraulic normal flight control system (whn exh use 227-58602-3) (see figure 444)	1	
	227-58602-3	.	HYDRAULIC EQUIPMENT ASSY, Normal flight control system pump (use 176-58602 until exh) (see figure 444)	1	*4
	227-58602-5	.	HYDRAULIC EQUIPMENT ASSY, Normal flight control system pump (intrch wth 176-58602 or 227-58602-3 on airplanes 53-1072 and subs only) (see figure 444)	1	D,*4
-46	172-58147-5	.	TAG, Hyd hose assy identification	1	
-47	AN364-1032	.	NUT	2	J,K,*5
-48	2W17-10	.	WASHER	2	J,K,*5
-49	AN365-1032	.	NUT	1	J,K,*5
-50	AN3-3A	.	BOLT	1	J,K,*5
-51	AN742D10	.	CLAMP	1	J,K,*5
-52	176-53343	.	CLIP, Anti-icing line to hydraulic pump attaching	1	J,K,*5
-53	170-58298-3	.	TAG, Hyd hose assy identification	2	
-54	170-53298-7	.	TAG, Hyd hose assy identification	2	
-55	172-58147-3	.	TAG, Hyd hose assy identification	1	
-56	176-42050-5	.	SHIELD, Engine accessory lines high temperature	1	

*1 Aeroquip 030901, Weatherhead 55120 and Aero-Coupling 031101 hoses have been factory installed on some airplanes. These hoses to be replaced after 600 hours service by approved AN6292 hose assemblies.
*2 Use Wiggins 8000D16 together with North American 3H3-16-12 1/2 hose assy.
*3 Airplanes reworked in accordance with T. O. 1F-86-157.
*4 227-58601-5 and 227-58602-5 are interchangeable with 227-58601-3 and 227-58602-3 when used in the following combinations on airplanes 53-1072 and subs only:
227-58601-3 with 227-58602-3
227-58601-5 with 227-58602-5
227-58601-5 with 227-58602-3
*5 Used with Vickers pumps only

USEABLE ON CODE:
A 51-2850 thru 51-13510 (except on airplanes 51-13491, 51-13494, 51-13495, 51-13499, 51-13501 thru 51-13503, and 51-13505).
B 52-4305 and subs (and including airplanes 51-13491, 51-13494, 51-13495, 51-13499, 51-13501 thru 51-13503, and 51-13505).
C 51-13398 and subs
D 53-1072 and subs
E 51-2850 thru 51-13109
F 51-13110 thru 51-13397
G 51-13398 thru 51-13510
H 52-4305 thru 52-4904, 52-5272 thru 52-5446
J 52-4905 thru 52-5271, 52-5447 thru 52-5530
K 53-1072 thru 53-1228

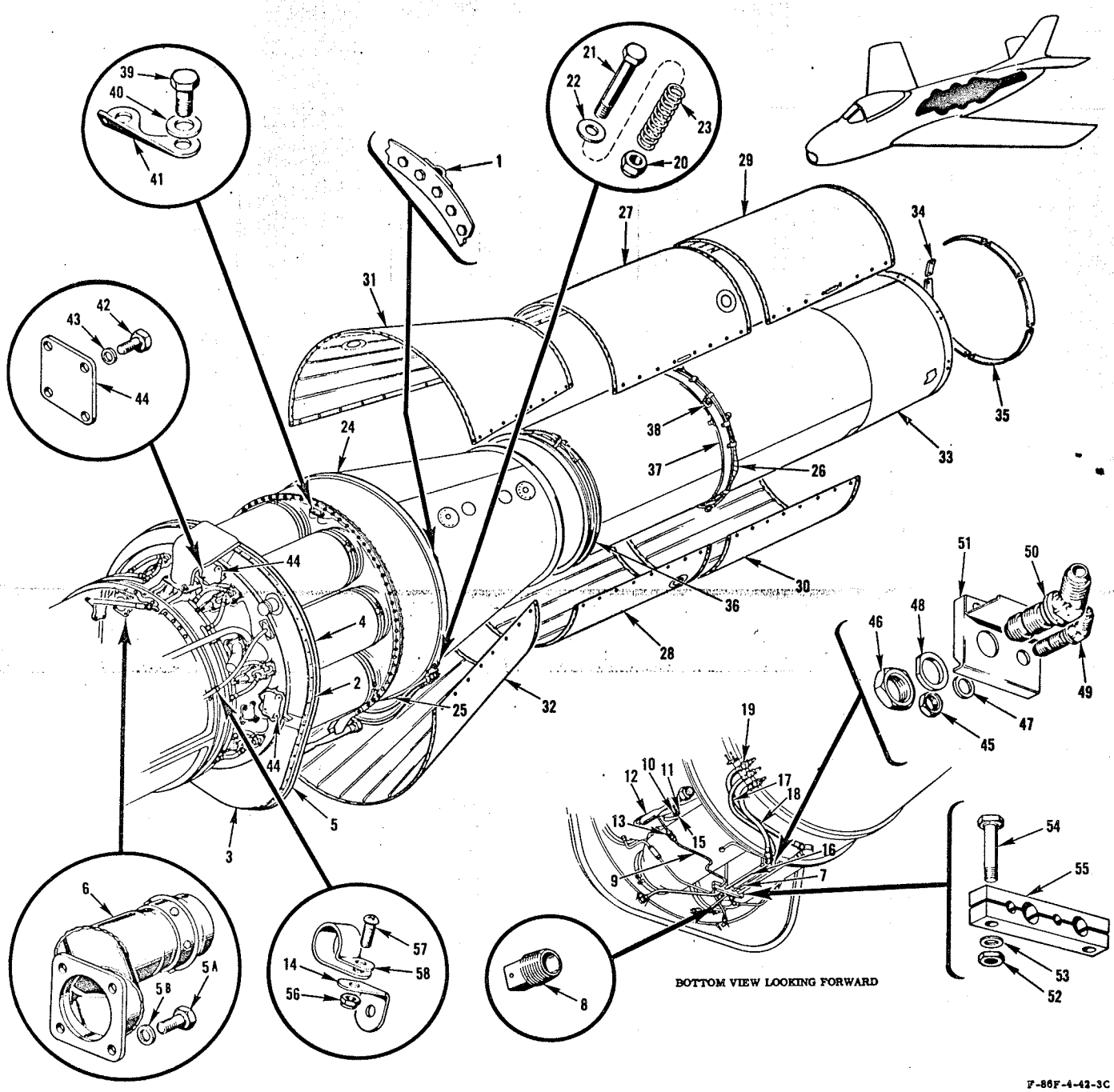


FIGURE 437 - AFT ENGINE SECTION BLANKETS, TAILPIPE AND ACCESSORIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
437	No Number		AFT ENGINE SECTION BLANKETS TAIL PIPE AND ACCESSORIES, (see figure 433 for breakdown)	NP	
-1	151-42121		BRACKET, Engine tail cone blanket attaching	8	
-2	151-42024-137		FIREWALL ASSEMBLY, Engine attaching (upper)	1	
-3	151-42024-111	*13	FIREWALL ASSEMBLY, Engine attaching (lower)	1	
-4	MX3496		SEAL ASSY, Type 1 3/4 dia x 1 5/8 x 77 (Johns-Manville)	1	
-5	MX3496		SEAL ASSY, Type 1 3/4 dia x 1 5/8 x 67 (Johns-Manville)	1	
-5A	AN4H4A		BOLT	4	
-5B	AN960D416		WASHER	4	
-6	176-42022		DUCT ASSY, Eng midframe leakage air eng attaching (RH port)	1	
-7	176-42032-9	*11	TUBE ASSY, Engine firewall to support bracket	1	
	202-42801-5	*12	TUBE ASSY, Engine firewall to support bracket	1	
-8	AN913-3S		PLUG	2	
-9	176-42032-33		TUBE ASSY, Firewall to aspirator	1	
-10	AN4-7A		BOLT	3	
-11	AN363C428		NUT	3	

POWER PLANT AND ENGINE SECTION (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
437-12	191-42027	.	ASPIRATOR ASSY, Eng aft frame breather (use 176-42009-50 together with AN919-6 until exh)	1	
-13	AN815-6	.	UNION, (used with 191-42027 only)	1	
-14	165-47066	.	BRACKET, Eng oil cooler drain clip supporting	1	
-15	151-42304	.	GASKET, Engine aft flange oil breather elbow	1	
-16	176-42032-13 *11	.	TUBE ASSY, Engine firewall to support bracket	1	
	202-42801-5 *12	.	TUBE ASSY, Engine firewall to support bracket	1	
-17	AN6264-4-17 1/2	.	HOSE ASSEMBLY	1	
	AN837-4	.	ELBOW	1	
-18	AN6264-10D15 1/2	.	HOSE ASSEMBLY	1	
	AN815-10D	.	UNION	1	
-19	151-42047	.	TUBE ASSY, Engine drain	1	
	AN832-8	.	UNION	1	
-20	AN363C428	.	NUT	4	
-21	5B18C22A	.	BOLT, 1/4-28 corrosion resistant (North American)	4	
-22	2W1C17-18-32	.	WASHER, Plain (North American)	12	
-23	146-34352	.	SPRING, Compression	4	
-24	176-42025-3	.	RING ASSY, Engine aft turbine flange gas diffuser (upper)	1	
-25	176-42025-5	.	RING ASSY, Engine aft turbine flange gas diffuser (lower)	1	
-26	172-51078	.	THERMOCOUPLE INSTL, Eng exhaust temp (whn exh use 191-51078) (see figure 438 for breakdown)	NP	
	191-51078	.	THERMOCOUPLE INSTL, Eng exhaust temp (use 172-51078 until exh) (see figure 438 for breakdown)	NP	
-27	44-21181-6 *1	.	BLANKET ASSY, Tail pipe forward upper (Thompson, H. I.)	1	
	4-51751-6 *1	.	BLANKET ASSY, Tail pipe forward upper (Foster)	1	
	BL10038-6 *1	.	BLANKET ASSY, Tail pipe forward upper (Johns-Manville)	1	
-28	44-21181-8 *2	.	BLANKET ASSY, Tail pipe forward lower (Thompson, H. I.)	1	
	4-51751-8 *2	.	BLANKET ASSY, Tail pipe forward lower (Foster)	1	
	BL10038-8 *2	.	BLANKET ASSY, Tail pipe forward lower (Johns-Manville)	1	
-29	44-21181-10 *3	.	BLANKET ASSY, Tail pipe aft upper (Thompson, H. I.)	1	
	4-51751-10 *3	.	BLANKET ASSY, Tail pipe aft upper (Foster)	1	
	BL10038-10 *3	.	BLANKET ASSY, Tail pipe aft upper (Johns-Manville)	1	
-30	44-21181-12 *4	.	BLANKET ASSY, Tail pipe aft lower (Thompson, H. I.)	1	
	4-51751-12 *4	.	BLANKET ASSY, Tail pipe aft lower (Foster)	1	
	BL10038-12 *4	.	BLANKET ASSY, Tail pipe aft lower (Johns-Manville)	1	
-31	13-21204-2 *5	.	BLANKET ASSY, Tail cone upper (Thompson, H. I.)	1	
	4-51751-14 *5	.	BLANKET ASSY, Tail cone upper (Foster)	1	
	BL10038-14 *5	.	BLANKET ASSY, Tail cone upper (Johns-Manville)	1	
-32	13-21204-4 *6	.	BLANKET ASSY, Tail cone lower (Thompson, H. I.)	1	
	4-51751-16 *6	.	BLANKET ASSY, Tail cone lower (Foster)	1	
	BL10038-16 *6	.	BLANKET ASSY, Tail cone lower (Johns-Manville)	1	
-33	191-42100 *9	.	TAIL PIPE ASSY, Engine exhaust (whn exh use 202-42100)	1	
	202-42100	.	TAIL PIPE ASSY, Engine exhaust (use 191-42100 until exh)	1	
-34	161-4211	. .	RESTRICTOR, Engine exhaust nozzle 22 1/2	1	
-35	161-42112	. .	RESTRICTOR, Engine exhaust nozzle 45°	6	
	0428AG10	. .	NUT, High temperature (Delron)	14	
	AN526C428-12 *7	. .	SCREW	14	
	7S14-428-12A *8	. .	SCREW, Round head corrosion resistant (North American)	1	
-36	51823J *7*10	. .	COUPLING ASSY, V band type tail pipe joint (Marman)	1	
	H046000000 *8	. .	SKIRT AND FLANGE ASSY, Tail pipe exhaust (Solar)	1	
-37	202-42100-15 *8	. .	BANK, Engine exhaust tail pipe	1	
-38	191-42014	. .	ADAPTER, Engine tail pipe thermocouple	4	
-39	AN78A10	.	BOLT	2	
-40	AN960-816	.	WASHER	2	
-41	151-42041	.	BRACKET, Engine aft steadying support hoist	1	
-42	AN4H4A	.	BOLT	8	
-43	AN960D416	.	WASHER	8	
-44	151-42027	.	COVER, Engine compressor discharge airpart take off (top and LH ports)	2	
-45	AN924-4	.	NUT	1	
-46	AN924-10D	.	NUT	1	
-47	2W1C32-26-32	.	WASHER, Plain (North American)	1	
-48	176-42023	.	WASHER, Engine drain fitting	1	
-49	AN837-4	.	ELBOW	1	
-50	AN837-10D	.	ELBOW	1	
-51	176-42018 *11	.	BRACKET ASSY, Engine drain line support	1	
	202-42008 *12	.	BRACKET, Engine drain line support, assy of	1	
-52	AN363-428	.	NUT	2	
-53	AN960D416	.	WASHER	2	
-54	AN4-13A	.	BOLT	2	
-55	176-42041-7	.	CLAMP, Engine drain line support	2	
-56	AN365-1032	.	NUT	1	
-57	AN520-10R8	.	SCREW	1	
-58	AN742D10C	.	CLAMP	1	

*1 Interchangeable assemblies
*2 Interchangeable assemblies
*3 Interchangeable assemblies
*4 Interchangeable assemblies
*5 Interchangeable assemblies
*6 Interchangeable assemblies
*7 Used on 191-42100
*8 Used on 202-42100
*9 151-42102-200 & 300 that have been reworked per T. O. 1F-86F-26 will be reidentified as 191-42100.
*10 Refer to T.O. 1F-86-538
*11 Removed from airplanes modified per T.O. 1F-86F-532
*12 Used on airplanes modified per T.O. 1F-86F-532
*13 151-42024-109 reidentified as 151-42024-111 when modified per T.O. 1F-86F-532

POWER PLANT AND ENGINE SECTION (Cont)

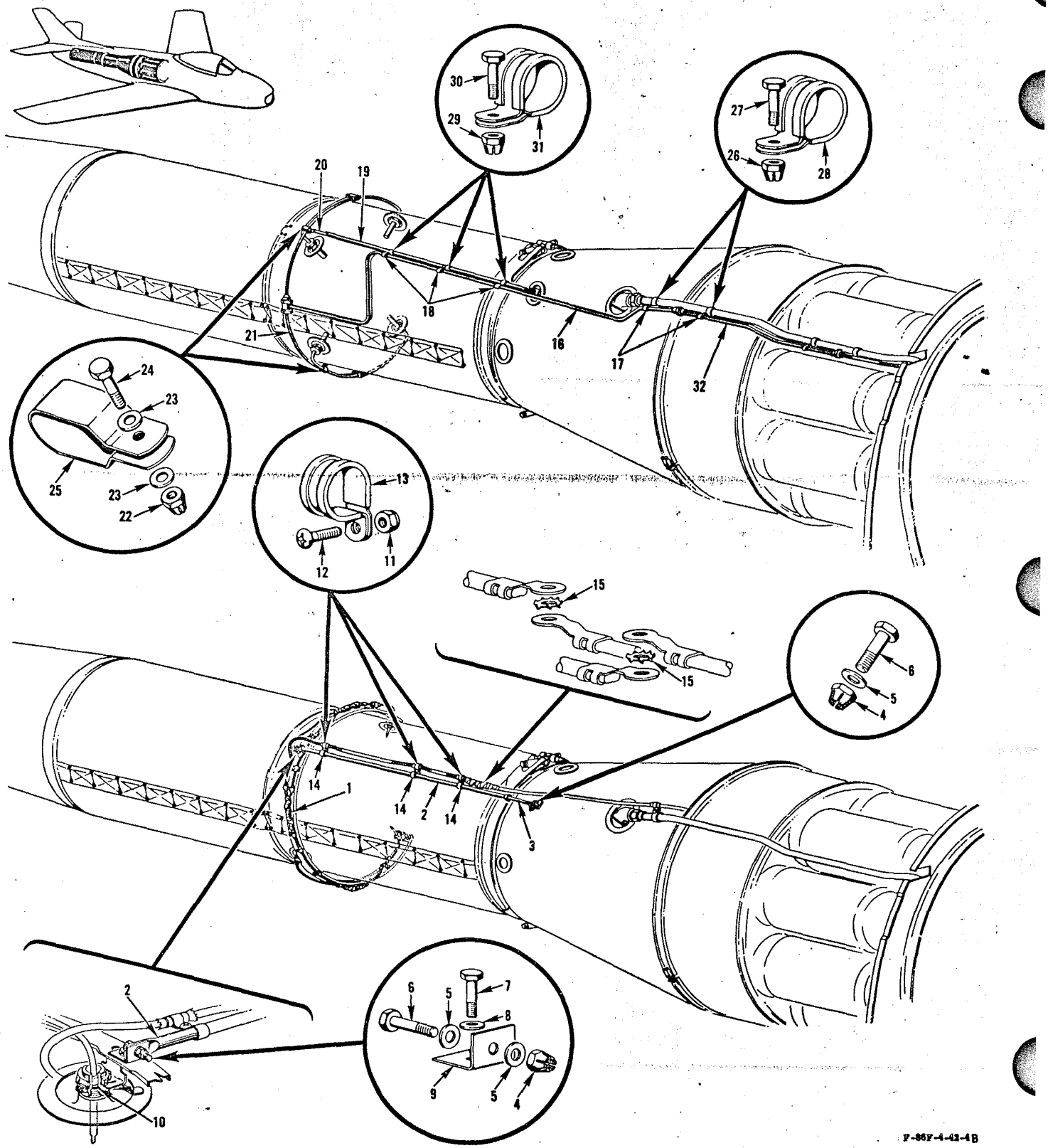


FIGURE 438 - ENGINE EXHAUST TEMPERATURE THERMOCOUPLES

POWER PLANT AND ENGINE SECTION (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
438		ENGINE EXHAUST TEMPERATURE THERMOCOUPLE		
	172-51078	. THERMOCOUPLE INSTL, Engine exhaust temperature (whn exh use. 191-51078) (see figure 437 for next assembly)	NP	
-1	8947998GR2	. . HARNESS ASSY, Exhaust temperature thermocouple (General Electric) (GFAE) (Spec 7025E34-2)	1	
-2	151-51079	. . TUBE ASSY, Exhaust temperature thermocouple lead support.	1	
	1F3C5S	. . . FILLER, Tube (North American)	1	
-3	151-51080	. . TUBE, Exhaust temperature thermocouple lead support	1	
-4	Z1200-02	. . NUT, (GFAE)	2	
-5	AN960C10	. . WASHER, (GFAE)	4	
-6	AN3C5A	. . BOLT, (GFAE)	2	
-7	AN3C5A	. . BOLT, (GFAE)	1	
-8	AN960C10	. . WASHER, (GFAE)	2	
-9	151-51081	. . BRACKET, Exhaust temperature thermocouple lead support	1	
-10	8481552	. . BUSHING, Exhaust temperature thermocouple (General Electric) (GFAE)	4	
-11	AN365-832	. . NUT	3	
-12	AN515-8R8	. . SCREW	3	
-13	AN742-5	. . CLAMP	3	
-14	AN742-6	. . CLAMP	3	
-15	AN936B4	. . WASHER	2	
	191-51078	. THERMOCOUPLE INSTL, Engine exhaust temp (use 172-51078 untl exh) (see fig. 437 for next assembly)	NP	
-16	9890473G2	. . THERMOCOUPLE, Engine exhaust temp (General Electric). (GFAE) (Spec 326C183-2)	1	
-17	9892014	. . CLAMP, (General Electric) (GFAE)	2	
-18	9892016	. . CLAMP, (General Electric) (GFAE)	3	
-19	151-51079	. . TUBE ASSY, Exhaust temp thermocouple lead support	1	
	1F3C5S	. . . FILLER, Tube (North American)	1	
-20	151-51080	. . TUBE, Exhaust temperature thermocouple lead support	1	
-21	9888683	. . THERMOCOUPLE, Engine exhaust temp (General Electric) (GFAE) (Spec 124D749-1)	1	
-22	Z1200-02	. . NUT, (GFAE)	2	
-23	AN960C10	. . WASHER, (GFAE).	4	
-24	AN3C5A	. . BOLT, (GFAE)	2	
-25	9892015	. . CLAMP, (General Electric) (GFAE).	2	
-26	Z1200-02	. . NUT	2	
-27	AN3C5A	. . BOLT	2	
-28	AN742-16	. . CLAMP	2	
-29	Z1200-02	. . NUT	3	
-30	AN3C5A	. . BOLT	3	
-31	AN742-6	. . CLAMP	3	
-32	9890480G2	. THERMOCCOUPLE, Engine exhaust temp (General Electric) (GFAE)	Ref	

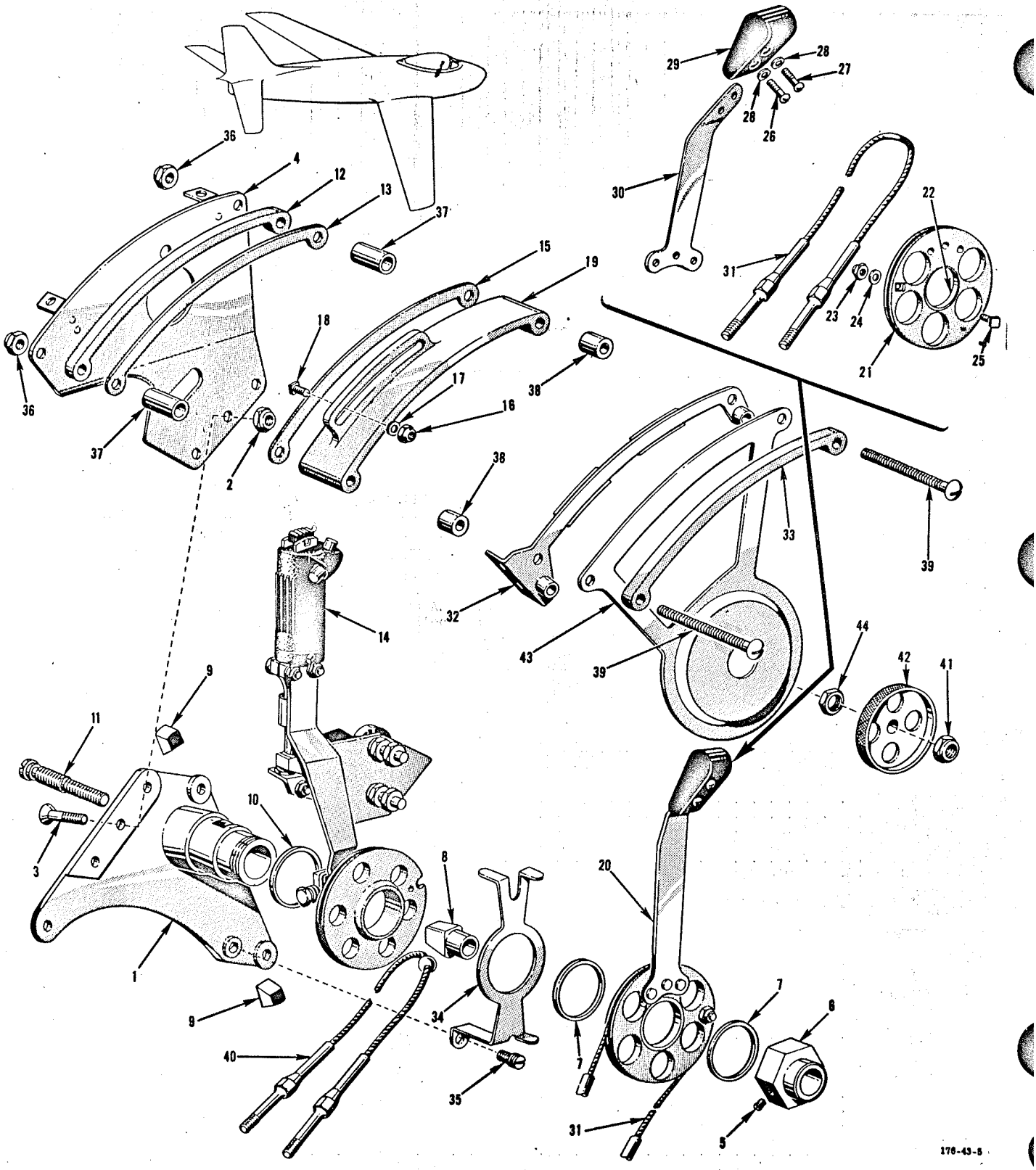


FIGURE 439 - ENGINE POWER CONTROL QUADRANT ASSEMBLY

POWER PLANT AND ENGINE SECTION (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
439	170-43005	QUADRANT ASSY, Engine power control (see fig. 432 for next assy)	Ref	A*1
	170-43005-5	QUADRANT ASSY, Engine power control (see fig. 432 for next assy)	Ref	A*1
	170-43005-7	QUADRANT ASSY, Engine power control (see fig. 432 for next assy)	Ref	A*1
-1	140-43040	. BRACKET, Engine control quadrant supporting	1	A
-2	AN365-1032	. NUT	3	A
-3	NAS205-10	. SCREW, 100° flush head Phillip's recess 10-32	3	A
-4	151-43054-5	. SUPPORT ASSEMBLY, Engine control quadrant spacer	1	A
-5	AN565B6-3	. SCREW	1	A
-6	151-43048	. NUT, Engine control quadrant flap lever friction	1	A
-7	140-43045	. SPACER, Engine control quadrant flap lever	2	A
-8	140-43051	. WEDGE, Engine control quadrant throttle lever friction	1	A
-9	140-43052	. BLOCK, Engine control quadrant throttle lever friction	2	A
-10	140-43041	. SPACER, Engine control quadrant throttle lever	1	A
-11	140-43050	. SHAFT, Engine control quadrant	1	A
-12	151-43069-7	. SPACER, Engine control quadrant	1	A
-13	151-43068	. STRAP, Engine control quadrant rubbing	1	A
-14	170-43059	. LEVER ASSY, Engine power control quadrant throttle (see fig. 442 for detail breakdown) (whn exh use 172-43069 on airplanes noted)	1	A
	172-43069	. LEVER ASSY, Engine power control quadrant throttle (use 170-43059 untl exh) (see fig. 441 for breakdown)	1	A
-15	151-43095	. STRIP ASSEMBLY, Engine control quadrant throttle rubbing	1	A
-16	AN364-1032	. NUT	1	A
-17	AN960D10	. WASHER	1	A
-18	172-43080	. STOP, Engine control quadrant idle	1	A,*3
	AN936A10	. WASHER	2	A,*3
	AN3-4A	. BOLT	2	A,*3
	AN364-1032	. NUT	1	A,*4
	2W18-10	. WASHER	1	A,*4
	202-43038	. STOP, Engine control quadrant idle	1	A,*4
-19	172-43081	. SPACER, Engine control quadrant throttle lever	1	A,*2,*3
	202-43034	. SPACER, Engine control quadrant throttle lever	1	A,*4
-20	151-43045	. LEVER ASSEMBLY, Engine control quadrant flap	1	A
-21	140-43046-5	. . PULLEY ASSEMBLY, Engine control quadrant flap lever	1	A
-22	140-43047	. . . BEARING, Engine control quadrant flap lever pulley	1	A
-23	AN365-1032	. . NUT	1	A
-24	AN960-10	. . WASHER	1	A
-25	151-43049	. . STUD, Engine control cable locking	1	A
-26	AN515-6R7	. . SCREW	1	A,*3
-27	AN515-6R8	. . SCREW	1	A,*3
-28	AN935-6	. . WASHER	2	A,*3
-29	191-43047	. . KNOB, Engine control quadrant lever (use 151-43047 untl exh)	1	A,*3
	AN365-632	. . NUT	2	A,*4
	AN507-632R8	. . SCREW	2	A,*4
	191-43024	. . KNOB, Engine control quadrant flap lever	1	A,*4
-30	151-43046	. . LEVER, Engine control quadrant flap	1	A,*3
	202-43036	. . LEVER, Engine control quadrant flap	1	A,*4
-31	151-43079-5	. . CABLE ASSEMBLY, Engine control quadrant flap lever	1	A
-32	151-43043	. RACK ASSEMBLY, Engine control quadrant flap lever	1	A
-33	151-43069-5	. SPACER, Engine control quadrant	1	A
-34	151-43044	. GUARD, Engine power control quadrant cable	1	A
-35	AN503-8-4	. SCREW	1	A
-36	AN365-1032	. NUT	2	A
-37	NAS43DD3-54	. SPACER, Screw	2	A
-38	NAS43DD3-18	. SPACER, Screw	2	A
-39	NAS221-62	. SCREW, Brazier head Phillip's recess 10-32	2	A
-40	151-43057	. CABLE ASSEMBLY, Engine control quadrant throttle lever	1	A
-41	AN364-428	. NUT	1	A
-42	140-43049	. KNOB, Engine control quadrant throttle lever friction	1	A
-43	151-43040	. FRAME, Engine control quadrant inboard	1	A
-44	AN316-4R	. NUT	1	A

*1 170-43005, 170-43005-5 & -7 are interchangeable assemblies and may be used until stock is exhausted on aircraft noted.
*2 Use 172-43080 together with 172-43081 untl exh. When exh use 172-43051 together with 151-43089 & 151-43091 or 151-43089 together with 151-43090 & 151-43091 or 172-43081-10 together with 202-43038
*3 Removed from airplanes when reworked per T. O. 1F-86-232
*4 Used on airplanes noted when reworked per T. O. 1F-86-232

USEABLE ON CODE: A 51-2850 thru 51-13109

POWER PLANT AND ENGINE SECTION (Cont)

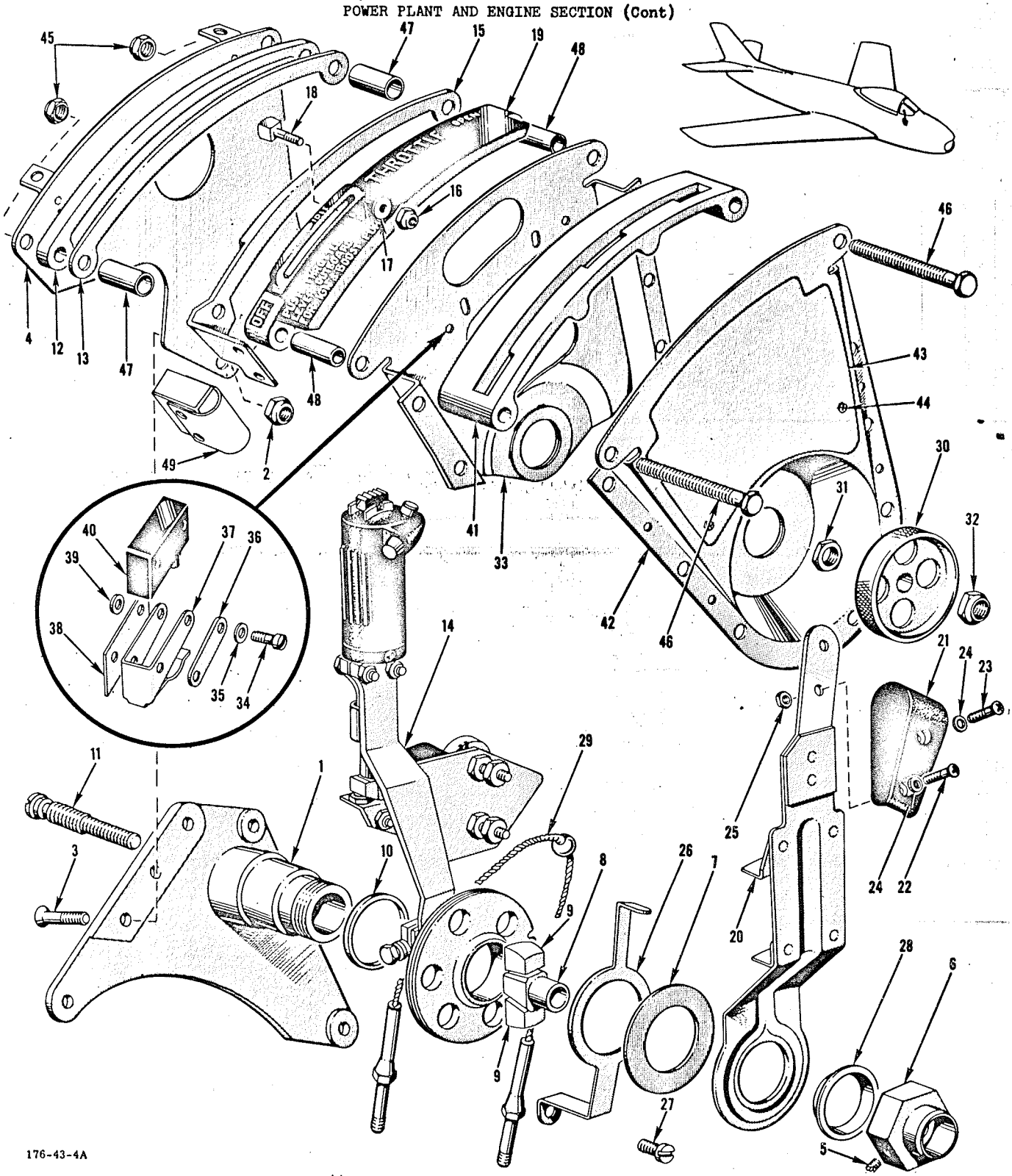


FIGURE 440 - ENGINE POWER CONTROL QUADRANT ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
440	191-43005-3	QUADRANT ASSY, Engine control throttle (see figure 432)	Ref	B
	191-43044	QUADRANT ASSY, Engine control throttle (see figure 432)	Ref	C
	202-43105	QUADRANT ASSY, Engine control throttle (see figure 432)	Ref	A,*5
	202-43105-11	QUADRANT ASSY, Engine control throttle (see figure 432)	Ref	A,*5
-1	140-43040	. BRACKET, Engine control quadrant supporting	1	E
-2	AN365-1032	. NUT	3	E
-3	NAS205-10	. SCREW, 100° flush head Phillips recess 10-32	3	E
-4	151-43054-5	. SUPPORT ASSY, Engine control quadrant spacer	1	E

POWER PLANT AND ENGINE SECTION (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
440-5	AN565B6-3		SCREW	1	E
-6	151-43048		NUT, Engine control quadrant flap lever friction	1	E
-7	191-43022		BEARING, Engine control throttle quadrant	1	E
-8	140-43051		WEDGE, Engine control quadrant throttle lever friction	1	E
-9	140-43052		BLOCK, Engine control quadrant throttle lever friction	2	E
-10	140-43041		SPACER, Engine control quadrant throttle lever	1	E
-11	140-43050		SHAFT, Engine control quadrant	1	E
-12	151-43069-7		SPACER, Engine control quadrant	1	B
	191-43032		SPACER, Engine control quadrant	1	C
	202-43106		SPACER, Engine control quadrant	1	A,*4
-13	151-53068		STRIP, Engine control quadrant	1	E
-14	172-43069		LEVER ASSEMBLY, Engine power control quadrant throttle (see figure 441 for breakdown) (use 170-43059 until exh)	1	B
	172-43069-3		LEVER ASSEMBLY, Engine power control quadrant throttle (see figure 441 for breakdown)	1	C
	202-43120		LEVER ASSEMBLY, Engine power control quadrant throttle (see figure 441 for breakdown)	1	A,*3
-15	191-43018		STRIP ASSY, Engine control throttle quadrant rubbing	1	B
	191-43033		STRIP ASSY, Engine control throttle quadrant rubbing	1	C
	202-43107		STRIP ASSY, Engine control throttle quadrant rubbing	1	A,*3
-16	AN364-1032		NUT	1	E
-17	AN960D10		WASHER	1	B,C
	2W18-10L		WASHER, Flat (North American)	1	A,*3
-18	202-43038		STOP, Engine control quadrant idler (use 172-43080 until exh)	1	E
-19	191-43019		SPACER, Engine control throttle quadrant throttle lever	1	B,C
	202-43108-10		SPACER, Engine control quadrant throttle lever inboard	1	A,*3
-20	191-43011		LEVER ASSY, Engine control throttle quadrant flap	1	B,C,*1
	202-43111		LEVER ASSY, Engine control throttle quadrant flap	1	A,*1,*3
	202-43032-1		LEVER ASSY, Engine control quadrant flap	1	A,*2
	202-43032-11		LEVER ASSY, Engine control throttle quadrant flap	1	A,*2,*4
	191-43021		BEARING, Engine control throttle quadrant flap lever	1	E
-21	191-43047		KNOB, Engine control quadrant flap lever	1	B,*1
	191-43034		KNOB, Engine control quadrant flap lever	1	C,*1
	191-43024		KNOB, Engine control quadrant flap lever	1	E,*2
-22	AN515-6R7		SCREW	1	B,*1
	AN515-6R8		SCREW	1	C
	AN507-632R8		SCREW	1	A,*2,*3
-23	AN515-6R7		SCREW	1	B
	AN515-6R10		SCREW	1	C,*1
	AN507-632R8		SCREW	1	A,*2,*3
-24	AN935-6		WASHER	2	B,C,*1
-25	AN340-6		NUT	2	B,C,*1
	AN365-632		NUT	2	A,*2,*3
-26	191-43017		GUARD, Engine control throttle quadrant cable	1	E
-27	AN503-8-4		SCREW	1	E
-28	191-43015		SLEEVE, Engine control throttle quadrant flap lever	1	E
-29	151-43057		CABLE ASSY, Engine control quadrant power control lever	1	E
-30	140-43049		KNOB, Engine control quadrant throttle lever friction	1	B
	191-43037		KNOB, Engine control quadrant throttle lever friction	1	A,C
-31	AN364-428		NUT	1	E
-32	AN316-4R		NUT	1	E
-33	191-43012-10		FRAME ASSY, Engine control throttle quadrant flap switch	1	B,C
	202-43114		FRAME ASSY, Engine control throttle quadrant flap switch	1	A,*3
-34	AN500A6-16		SCREW	8	A,B,C,*4
-35	AN960D6		WASHER	8	B,C
	2W18-6		WASHER, Flat (North American)	8	A,*3
-36	134-43056		PLATE, Micro switch hold down tap	4	E
-37	170-54075		ACTUATOR, Electric wing flap switch	4	E
-38	159-48167		INSULATOR, Micro-switch	8	E
-39	AN936B8		WASHER	8	E
-40	WA3SBT1		SWITCH, Winterized (Micro Switch)	4	E
-41	191-43020		SPACER, Engine control throttle quadrant flap lever	1	B,*1
	191-43020-3		SPACER, Engine control throttle quadrant flap lever	1	C,*1
	202-43033		SPACER, Engine control quadrant flap lever	1	B,C,*2
	202-43113		SPACER, Engine control throttle quadrant flap lever	1	A,*1,*3
	202-43035		SPACER, Engine control throttle quadrant flap lever	1	A,*2
-42	191-43010-10		PLATE ASSY, Engine control throttle quadrant cover	1	B
	191-43038		PLATE ASSY, Engine control throttle quadrant cover	1	C
	202-43115		PLATE ASSY, Engine control throttle quadrant cover	1	A,*3
-43	191-43023		DOOR, Engine control throttle cover	1	B
	191-43036		DOOR, Engine control throttle cover	1	A,C
-44	NAS221-7		SCREW, Brazier head Phillips recess 10-32	2	E
-45	AN365-1032		NUT	2	E
-46	AN3-44A		BOLT	2	E
-47	NAS43DD3-54		SPACER, Screw and bolt	2	B
	NAS44DD3-36		SPACER, Screw and bolt	2	C
48	NAS43DD36		SPACER, Screw and bolt	2	B
49	BZ3YDT		SWITCH (Micro-Switch) (see figure 294)	Ref	

*1 Removed from airplanes noted when reworked per T. O. 1F-86-232.
*2 Used on airplanes noted when reworked per T. O. 1F-86-232.
*3 Used on 202-43105 only *4 Used on 202-43105-11 only
*5 202-43105 and 202-43105-11 are alternate and interchangeable assys. on airplanes noted

USEABLE ON CODE:
A 52-5164 thru 52-5271 B 51-13110 thru 51-13397 C 51-13398 thru 51-13510 53-1072 and subs 52-4455 thru 52-4504 52-4505 thru 52-5163 52-5272 thru 52-5530 E 51-13110 and subs

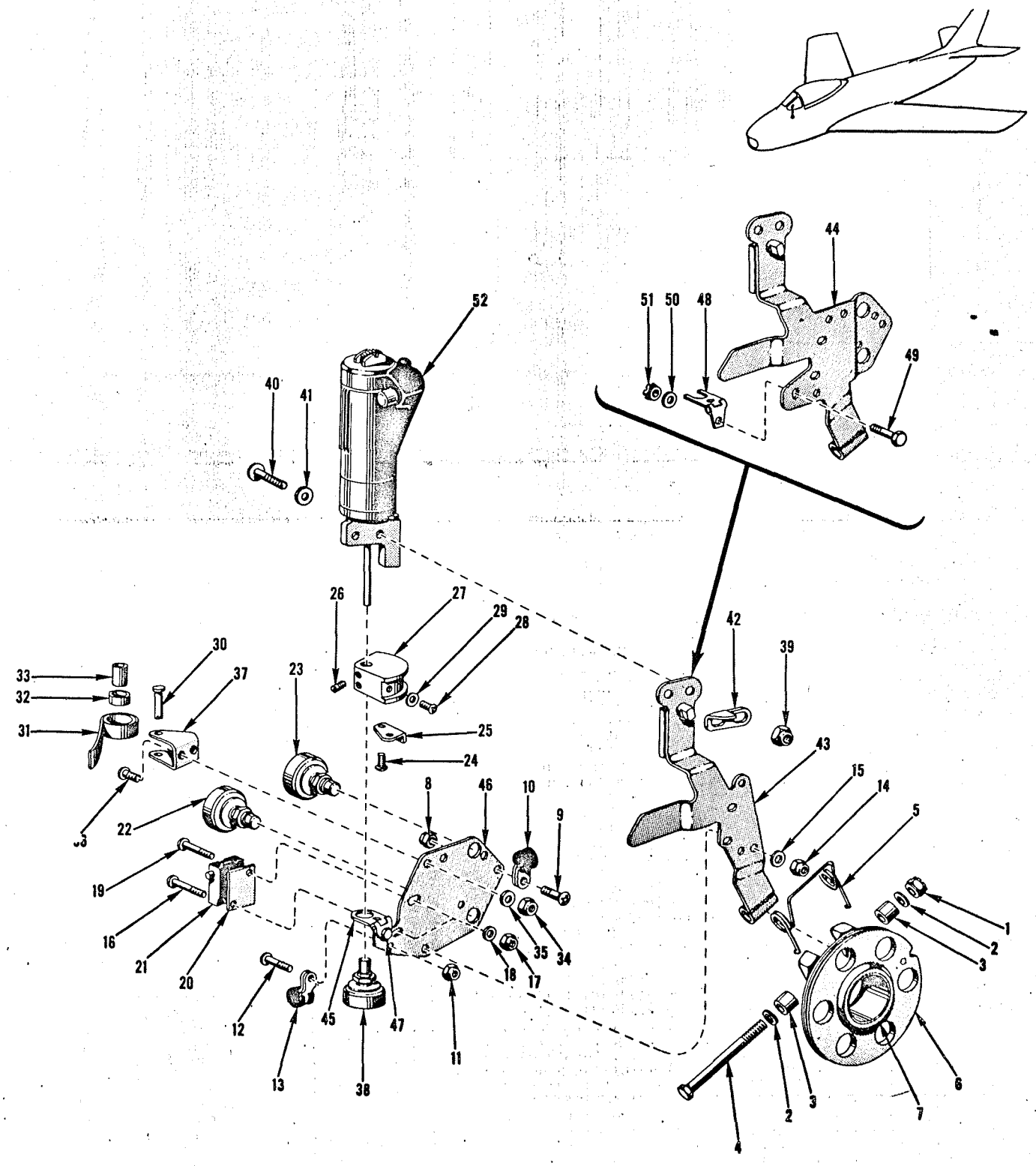


FIGURE 441 - ENGINE POWER CONTROL THROTTLE LEVER ASSEMBLY

POWER PLANT AND ENGINE SECTION (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
441	172-43069	LEVER ASSY, Engine power control throttle (see figure 439 and 440 for next assembly) (use 170-43059 until exh)	Ref	A,B
	172-43069-3	LEVER ASSY, Engine power control throttle (see figure 439 and 440 for next assembly)	Ref	C
	202-43120	LEVER ASSY, Engine control quadrant throttle (see figure 440 for next assembly)	Ref	D
-1	AN310-4	. NUT	1	
-2	AN960D416	. WASHER	2	A,B,C
	2W18-416	. WASHER, Flat (North American)	2	D
-3	NAS43C4-24	. SPACER, Screw and bolt	2	
-4	AN4-27	. BOLT	1	
-5	172-43087	. SPRING, Engine control quadrant throttle lever (use 151-43058 until exh)	1	
-6	151-43042	. PULLEY ASSY, Engine control quadrant throttle lever	1	
-7	140-43043	. . BEARING, Engine control quadrant throttle manual range control switch support	1	
-8	AN365-832	. NUT	1	
-9	AN515-8R8	. SCREW	1	
-10	AN742D6C	. CLAMP	1	
-11	AN365-832	. NUT	1	
-12	AN515-8R8	. SCREW	1	
-13	AN742D8C	. CLAMP	1	
-14	AN365-1032	. NUT	1	A,B,C
-15	AN960D10	. WASHER	1	A,B,C
-16	AN520-10R9	. SCREW	1	A,B,C
-17	AN365-440	. NUT	2	
-18	AN960D4	. WASHER	4	A,B,C
	2W18-4	. WASHER, Flat (North American)	4	D
	2W1AL8-12-32	. WASHER, Flat (North American)	2	D
-19	AN515-4R16	. SCREW	2	
-20	172-43053	. SPACER, Engine power control manual range control switch supporting	1	A,B,C
	202-43123	. SPACER, Engine control quadrant throttle lever gunsight switch	1	D
-21	AN3234-1	. SWITCH	1	
-22	A4509A	. POTENTIOMETER, (Chicago Telephone)	1	
-23	L9058	. POTENTIOMETER, (Chicago Telephone)	1	
-24	AN500A8-6	. SCREW	2	
-25	172-43052	. CLIP, Engine power control manual range control switch actuating	1	
-26	AN565A6H3	. SCREW	4	
-27	172-43060	. QUADRANT, Engine power control lever handle spring	1	
-28	AN515-8R4	. SCREW	1	
-29	AN935-8L	. LOCKWASHER	1	
-30	AN393-25	. PIN	1	
-31	SN1204	. NEGATOR ASSY, Manual range control (Hunter Spring)	1	
-32	172-43070	. BUSHING, Engine power control lever spring	1	
-33	AN207DP3	. BEARING	1	
-34	AN365-1032	. NUT	2	
-35	AN960D10	. WASHER	2	A,B,C
	2W18-10	. WASHER, Flat (North American)	2	D
-36	AN509-10R9	. SCREW	2	
-37	172-43059	. BRACKET, Engine power control lever spring supporting	1	
-38	S2222	. POTENTIOMETER, (Chicago Telephone)	1	
-39	AN364-428	. NUT	2	
-40	AN509-416R14	. SCREW	2	
-41	AN960D416L	. WASHER	4	A,B,C
	2W18-416L	. WASHER, Flat (North American)	4	D
-42	151-43063	. STOP, Engine power control lever grip	1	A,B
	191-43042	. STOP, Engine power control lever grip	1	C,D
-43	172-43063	. ARM ASSY, Engine control quadrant throttle lever	1	A,B
	191-43039	. ARM ASSY, Engine control quadrant throttle lever	1	C
-44	202-43121	. ARM ASSY, Engine control quadrant throttle lever	1	D
	172-43079	. BRACKET ASSY, Engine control quadrant rheostat supporting (use 172-43058 until exh)	1	A,B,C
-45	172-43086	. . BRACKET ASSY, Eng control quadrant rheostat sup. bkt.	1	A,B,C
	172-43086-7	. . . PIN, Eng control quadrant rheostat supporting bkt.	1	A,B,C
-46	172-43082	. . BRACKET, Engine control quadrant rheostat supporting bkt.	1	A,B,C
-47	AN23-8	. . BOLT	1	A,B,C
	AN960D10	. . WASHER	1	A,B,C
	AN320-3	. . NUT	1	A,B,C
-48	202-43122	. HINGE ASSY, Engine control quadrant manual ranging unit	1	D
-49	AN520-10R8	. BOLT	1	D
-50	2W18-10L	. WASHER, Flat (North American)	1	D
-51	AN364-1032	. NUT	1	D
-52	172-43071	. GRIP ASSY, Engine power control lever (see figure 431 for breakdown)	1	A,B
	191-43043	. GRIP ASSY, Engine power control lever (see figure 431 for Breakdown)	1	C,D

USEABLE ON CODE: A 51-2850 thru 51-13109
B 51-13110 thru 51-13397
52-4305 thru 52-4504
C 51-13398 thru 51-13510
52-4505 thru 52-5163
52-5272 thru 52-5530
D 52-5164 thru 52-5271
53-1072 thru 53-1228

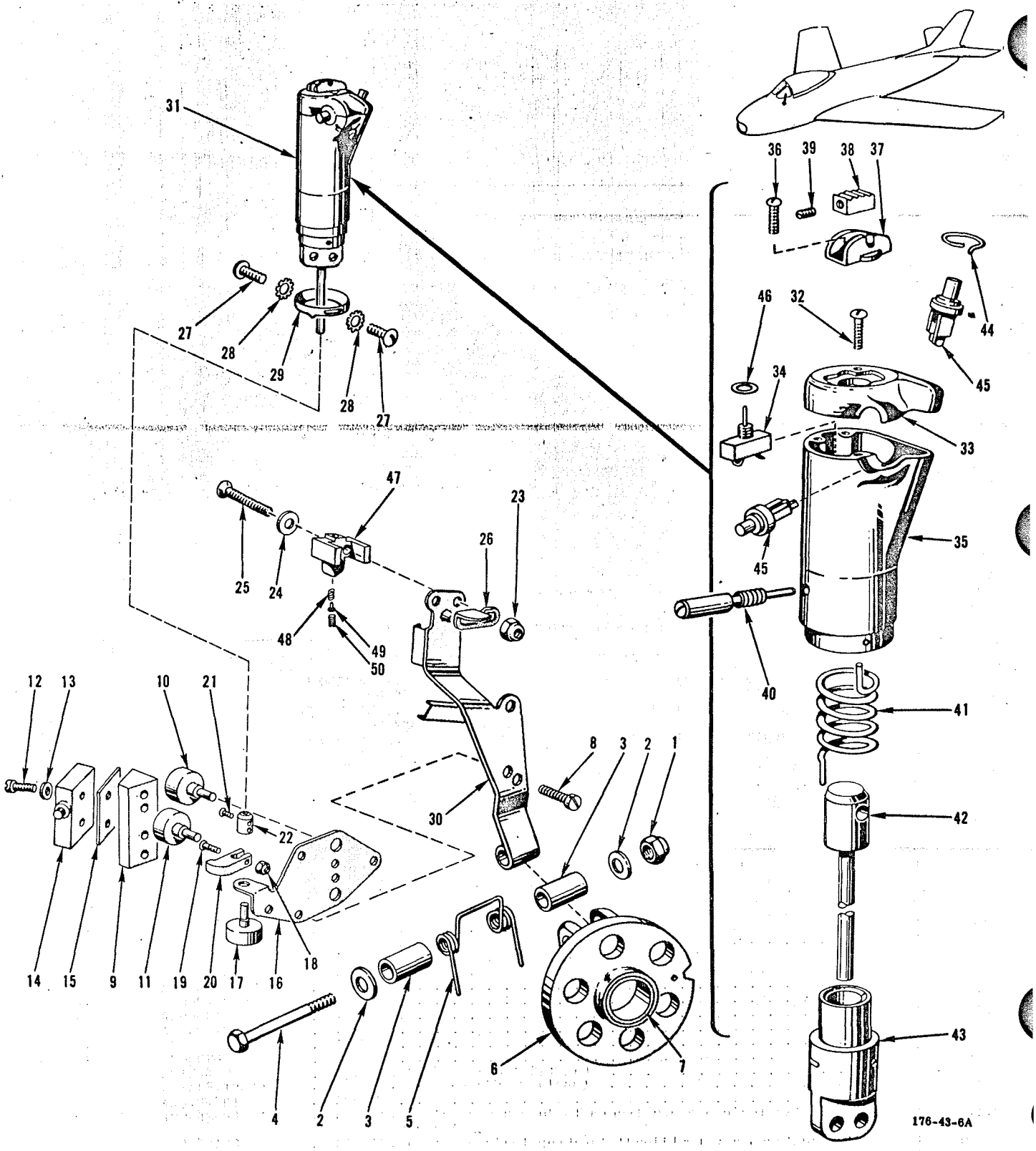


FIGURE 442 - ENGINE POWER CONTROL QUADRANT THROTTLE LEVER ASSEMBLY

POWER PLANT AND ENGINE SECTION (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
442	170-43059	LEVER ASSY, Engine power control quadrant throttle (see figure 439 for next assembly) (whn exh use 172-43069)	Ref	A
-1	AN310-4	. NUT	1	A
-2	AN960-416	. WASHER	2	A
-3	NAS43C4-24	. SPACER, Bolt	2	A
-4	AN4-27	. BOLT	1	A
-5	151-43058	. SPRING, Engine control quadrant throttle lever	1	A
-6	151-43042	. PULLEY ASSEMBLY, Engine control quadrant throttle lever	1	A
-7	140-43043	. . BEARING, Engine control quadrant throttle lever pulley	1	A
-8	AN501A10-8	. SCREW	2	A
-9	161-74040	. FITTING, Engine control quadrant manual range control switch supporting	1	A
-10	L9058	. POTENTIOMETER, (Chicago Telephone)	1	A
-11	A4509A	. POTENTIOMETER, (Chicago Telephone)	1	A
-12	AN500A6-16	. SCREW	2	A
-13	AN960D6	. WASHER	2	A
-14	BZ3YDT	. SWITCH ASSY, Manual range control (Micro Switch)	1	A
-15	159-48167	. INSULATOR, Fuel selector valve control micro switch	1	A
-16	161-74038	. BRACKET, Engine control quadrant manual range control rheostat supporting	1	A
-17	Y4321A	. POTENTIOMETER, (Chicago Telephone)	1	A
-18	AN365-832	. NUT	1	A
-19	AN515-8R12	. SCREW	1	A
-20	161-74042	. DOG, Engine control quadrant manual range control switch actuating	1	A
-21	AN565A6H3	. SCREW	4	A
-22	161-74043	. COUPLING, Engine control quadrant manual range control drive shaft	1	A
-23	AN365-428	. NUT	2	A
-24	AN960-416	. WASHER	2	A
-25	AN509-416-30	. SCREW	2	A
-26	151-43063	. STOP, Engine power control lever grip	1	A
-27	AN515-6R3	. SCREW	2	A
-28	AN936A6	. WASHER	2	A
-29	151-43071	. RING, Engine power control lever handle	1	A
-30	151-43055	. ARM ASSY, Engine control quadrant throttle lever	1	A
-31	151-43117-3	. GRIP ASSY, Engine power control lever	1	A
-32	AN515-4-12	. . SCREW	2	A
-33	151-43116	. . CAP, Engine power control lever grip	1	A
-34	AN3021-1	. . SWITCH	1	A
-35	151-43115	. . BASE ASSEMBLY, Engine power control lever grip	1	A
-36	PK542-2-5	. . SCREW, (Parker-Kalon)	2	A
-37	151-43113	. . GUIDE, Engine power control grip speed brake button	1	A
-38	151-43112	. . BUTTON, Engine power control speed brake toggle switch	1	A
-39	AN565B4-3	. . SCREW	2	A
-40	172-43073	. . PIN, Engine power control lever	1	A
-41	151-43078	. . SPRING, Engine power control handle	1	A
-42	161-43201	. . SHAFT, Engine control quadrant manual range control rheostat drive	1	A
-43	151-43067	. . ADAPTER, Engine power control lever handle	1	A
-44	141-43023	. . SPRING, Engine throttle microphone switch retaining	1	A
-45	138106	. . SWITCH, (Ucinite)	2	A
-46	2W1AL34-21-64	. . WASHER, Plain (North American)	2	A
-47	151-43064-3	. DETENT, Engine power control lever	1	A
-48	151-43062	. SPRING, Engine power control lever detent	1	A
-49	151-43061	. PLUNGER, Engine power control lever detent	1	A
-50	No Number	. SCREW, Headless set 1/4-20 x 1/4 slotted or Allen head cup point (Ducommun)	1	A

USEABLE ON CODE: A 51-2850 thru 51-12976
51-13070 thru 51-13397
52-4305 thru 52-4504

POWER PLANT AND ENGINE SECTION (Cont)

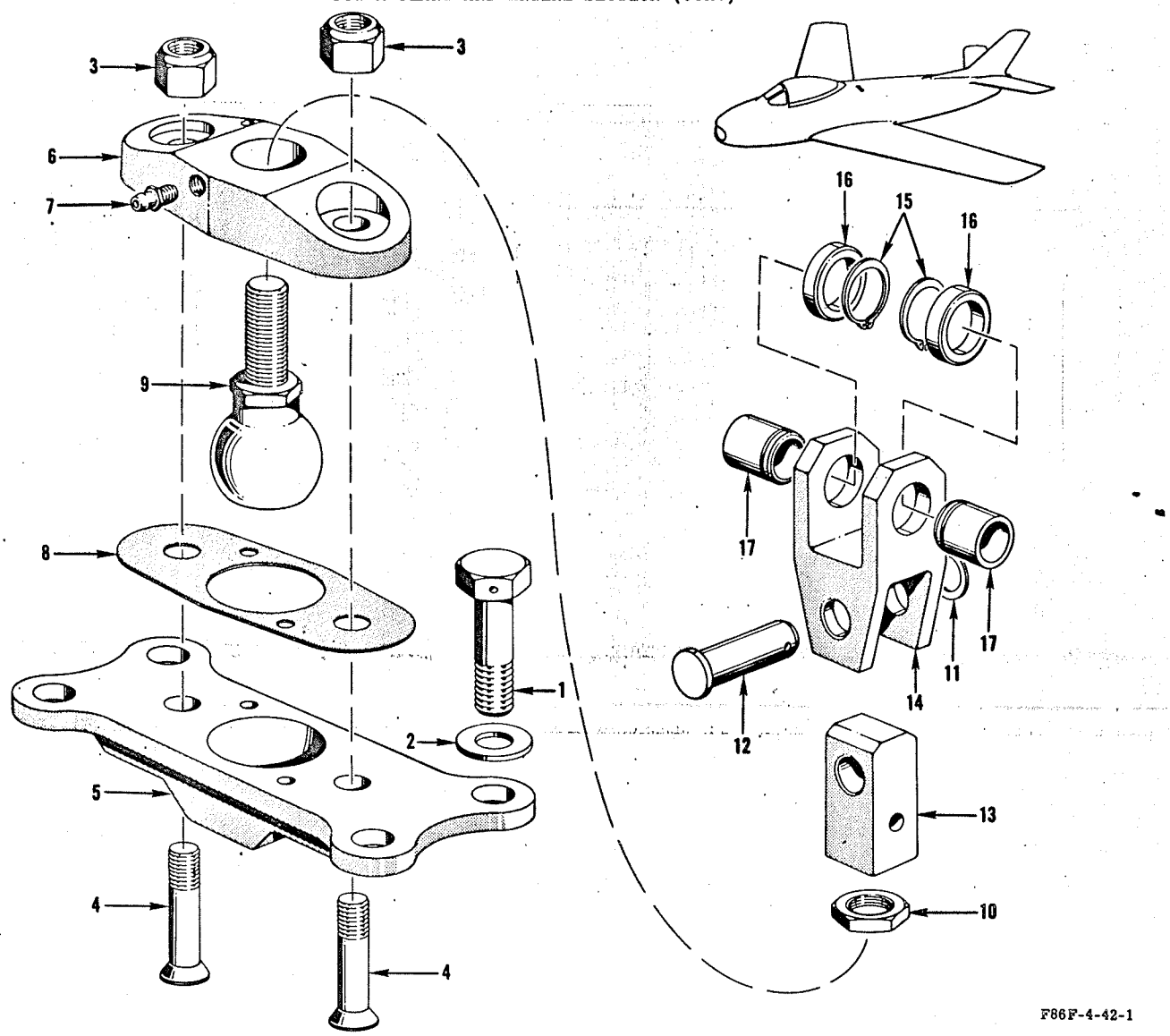


FIGURE 443 - ENGINE FORWARD MOUNT SUPPORT ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
443	176-31926	SUPPORT ASSY, Eng fwd mount (see figure 433 for next assy) (whn exh use 176-31926-10)	Ref	
	176-31926-10	SUPPORT ASSY, Eng fwd mount (see figure 433 for next assy) (use 176-31926 until exh)	Ref	
		ATTACHING PARTS		
-1	AN8H7A	BOLT	4	
-2	AN960-816	WASHER	4	
		---*---		
-3	AN365-720	. NUT	2	
-4	NAS337A13	. BOLT	2	
	176-31927-9	. BEAM ASSY, Eng fwd sup. (used on 176-31926 only)	1	
	176-31927-13	. BEAM ASSY, Eng fwd sup. (used on 176-31926-10 only)	1	
-5	176-31927-3	. . BEAM, Engine forward support	1	
-6	176-31927-5	. . CAP, Eng fwd sup. (used on 176-31927-9 only)	1	
	176-31927-11	. . CAP, Eng fwd sup. (used on 176-31926-13 only)	1	
-7	AN944-101	. . . FITTING	1	
-8	176-31928	. SHIM, Eng fwd support beam assembly	5	
-9	176-31929	. FITTING, Eng fwd sup. ball (used on 176-31926 only)	1	
	176-31929-3	. FITTING, Eng fwd sup. ball (used on 176-31926-10 only)	1	
-10	AN316-8	. NUT	1	
-11	AN960-716	. WASHER	1	
-12	176-31932	. PIN, Eng forward support line	1	
-13	176-31930	. FITTING, Eng forward support adjusting	1	
	176-31931	. LINK ASSY, Engine forward support upper	1	
-14	176-31931-3	. . LINK, Engine forward support upper	1	
-15	NAS51-62	. . RING, External retainer	2	
-16	151-42035	. . ROLLER, Engine upper forward steady support	2	
-17	151-42048	. . BUSHING, Engine upper forward steady support	2	

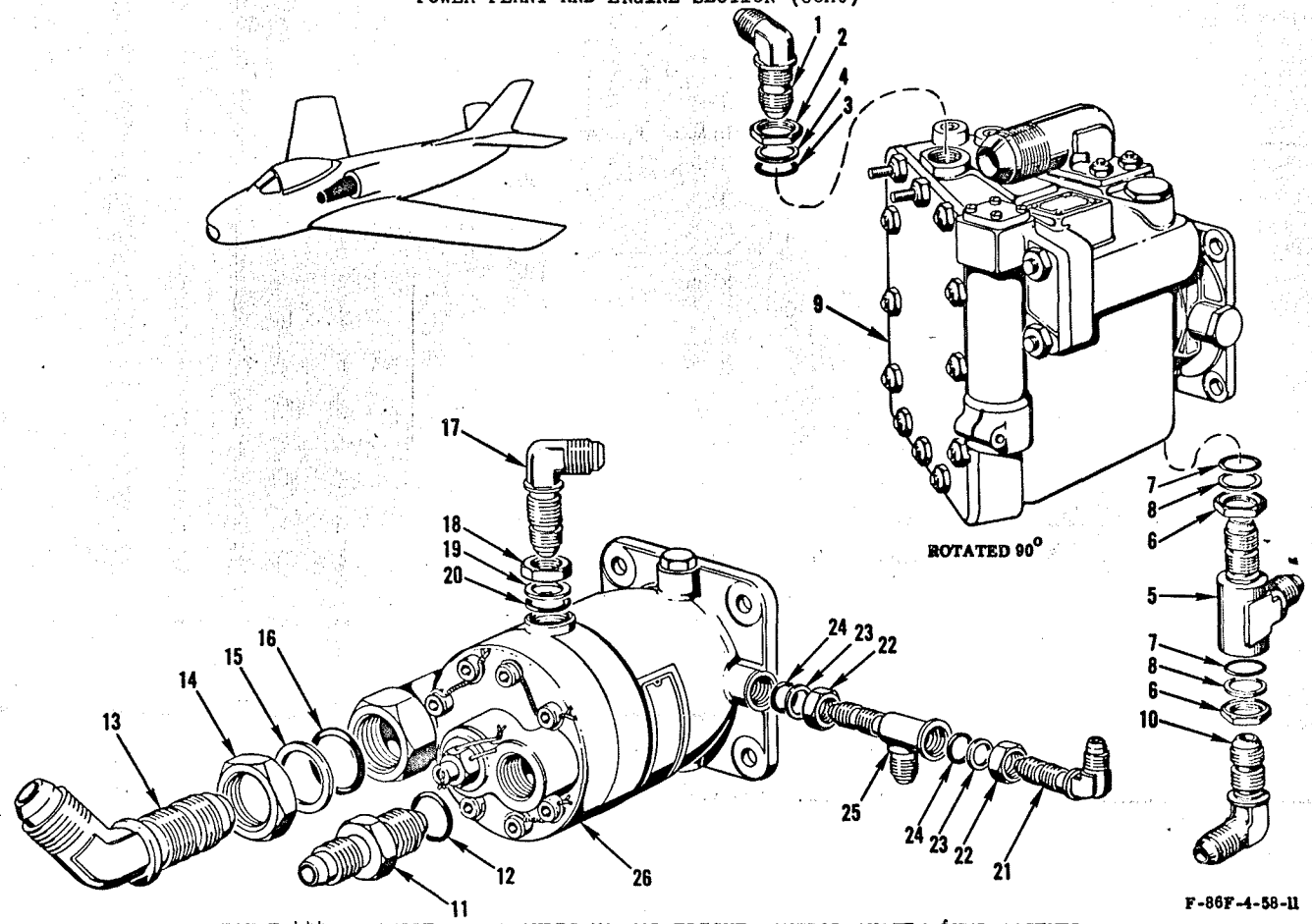


FIGURE 444 - COMPLETE HYDRAULIC NORMAL FLIGHT CONTROL SYSTEM PUMP ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
444		COMPLETE HYDRAULIC NORMAL FLIGHT CONTROL SYSTEM		
	176-58602	. PUMP ASSY, Hyd normal flight control sys complete (whn exh use 227-58602-3) (see fig. 436 for next assy)	Ref	
	227-58602-3	. HYDRAULIC EQUIPMENT ASSY, Normal flight control sys pump (use 176-58602 untl exh) (see fig. 436 for next assy)	Ref	*1
-1	AN833-6	. . ELBOW	1	
-2	AN6289-6	. . NUT	1	
-3	AN6290-6	. . GASKET	1	
-4	AN6291-6	. . RING	1	
-5	AN784-4	. . TEE	1	
-6	AN6289-4	. . NUT	2	
-7	AN6290-4	. . GASKET	2	
-8	AN6291-4	. . RING	2	
-9	AA32516L2A	. . PUMP ASSY, Hyd variable volume (Vickers) (intrch wth Vickers AA32507L2A or Vickers AA32529L2)	1	*2
-10	AN833-4	. . ELBOW	1	
	227-58602-5	. HYDRAULIC EQUIPMENT ASSY, Normal flight control system (intrch wth 176-58602 or 227-58602-3 on airplanes 53-1072 and subs only) (see figure 436)	Ref	A,*1
-11	AN919-15	. . REDUCER	1	A
-12	AN6290-10	. . GASKET	1	A
-13	AN833-12	. . ELBOW	1	A
-14	AN6289-12D	. . NUT	1	A
-15	AN6291-12	. . RING	1	A
-16	AN6290-12	. . GASKET	1	A
-17	AN833-6	. . ELBOW	1	A
-18	AN6289-6	. . NUT	1	A
-19	AN6291-6	. . RING	1	A
-20	AN6290-6	. . GASKET	1	A
-21	AN833-4	. . ELBOW	1	A
-22	AN6289-4	. . NUT	2	A
-23	AN6291-4	. . RING	2	A
-24	AN6290-4	. . GASKET	2	A
-25	AN784-4	. . TEE	1	A
-26	66WT200-1	. . PUMP ASSY, Hyd (New York Airbrake) (use New York 66WT200 untl exh)	1	A

*1 227-58601-5 and 227-58602-5 are intrch wth 227-58601-3 and 227-58602-3 when used in the following combinations on airplanes 53-1072 and subs only: 227-58601-3 with 227-58602-3, 227-58601-5 with 227-58602-5, 227-58601-5 with 227-58602-3.

*2 Refer to T. O. 1F-86-558

USEABLE ON CODE: A 53-1072 and subs

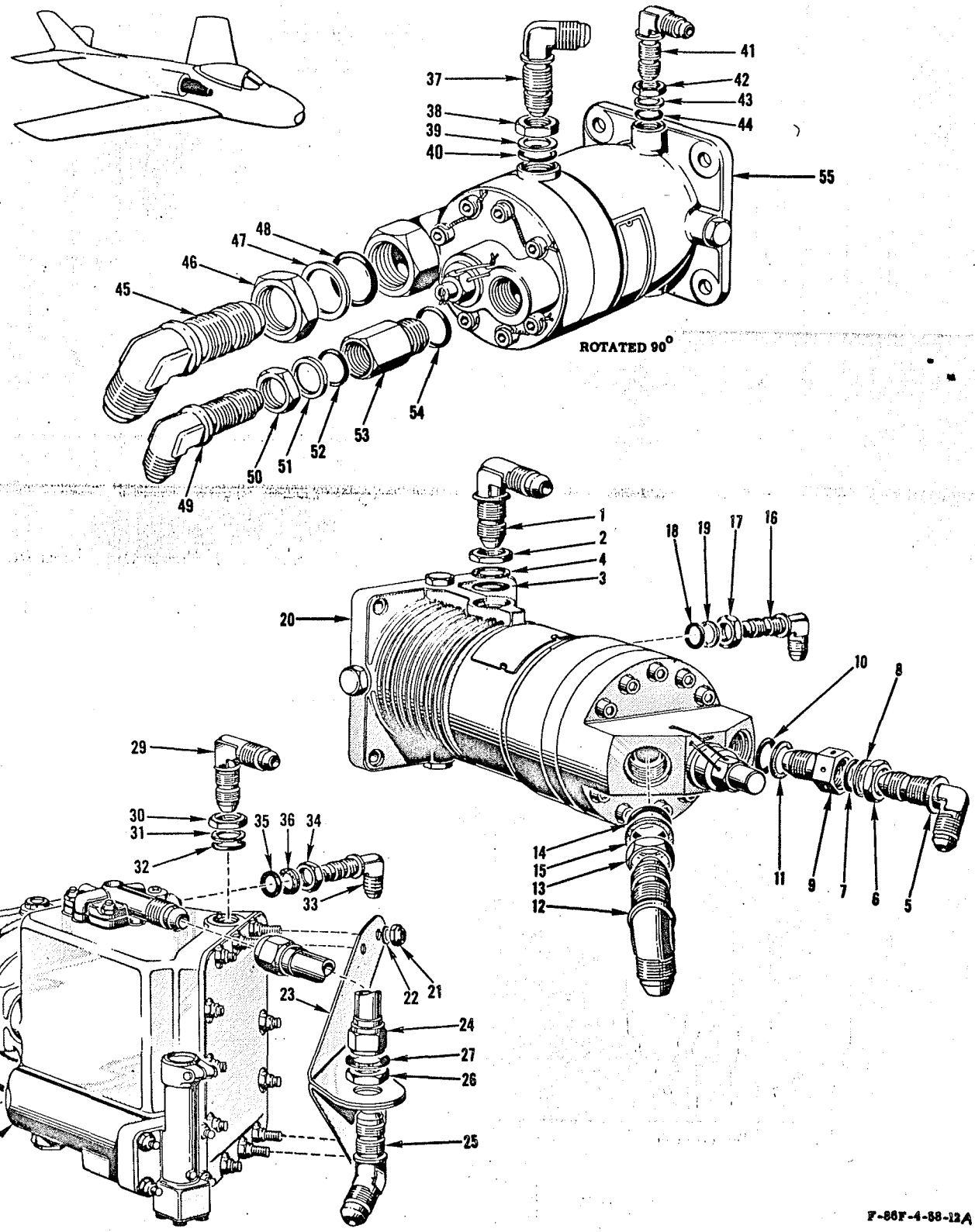


FIGURE 445 - COMPLETE HYDRAULIC UTILITY PUMP ASSEMBLIES

POWER PLANT AND ENGINE SECTION (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
445		COMPLETE HYDRAULIC UTILITY PUMP ASSEMBLIES (UPPER)		
	176-58601	. PUMP ASSEMBLY, Hydraulic utility complete (see figure 436 for next assembly)	Ref	A
-1	AN833-6	. . ELBOW	1	A
-2	AN6289-6	. . NUT	1	A
-3	AN6290-6	. . GASKET	1	A
-4	AN6291-6	. . RING	1	A
-5	AN833-8	. . ELBOW	1	A
-6	AN6289D8	. . NUT	1	A
-7	AN6290-8	. . GASKET	1	A
-8	AN6291-8	. . RING	1	A
-9	AN893-151	. . BUSHING	1	A
-10	AN6290-10	. . GASKET	1	A
-11	AN6291-10	. . RING	1	A
-12	AN833-12	. . ELBOW	1	A
-13	AN6289D12	. . NUT	1	A
-14	AN6290-12	. . GASKET	1	A
-15	AN6291-12	. . RING	1	A
-16	AN833-4	. . ELBOW	1	A
-17	AN6289-6	. . NUT	1	A
-18	AN6290-4	. . GASKET	1	A
-19	AN6291-4	. . RING	1	A
-20	67WA200	. . PUMP ASSEMBLY, Model 67WA200 stratopower (New York Air Brake)	1	A
	191-58601	. HYDRAULIC EQUIPMENT ASSY, Utility sys pump (whn exh use 227-58601-3) (see fig. 436 for next assy)	Ref	B,*1
	227-58601-3	. HYDRAULIC EQUIPMENT ASSY, Utility sys pump (use 191-58601 untl exh) (see fig. 436 for next assy)	Ref	B,*1
-21	AN365-1032	. . NUT	4	B
-22	2W18-10	. . WASHER	12	B
-23	191-58101	. . BRACKET ASSY, Hyd utility pump pressure line	1	B
-24	176-58817-39	. . LINE ASSY, Utility pressure fitting on utility pump to elbow on bracket on utility pump	1	B
-25	AN837-8	. . ELBOW	1	B
-26	AN924-8D	. . NUT	1	B
-27	2W18-1216	. . WASHER	1	B
-28	AA32529L2	. . PUMP ASSY, Hydraulic variable volume (Vickers) (intrch with Vickers AA32516L2A)	1	B,*2
-29	AN833-6D	. . ELBOW	1	B
-30	AN6289-6	. . NUT	1	B
-31	AN6290-6	. . GASKET	1	B
-32	AN6291-6	. . RING	1	B
-33	AN833-4	. . ELBOW	1	B
-34	AN6289-4	. . NUT	1	B
-35	AN6291-4	. . RING	1	B
-36	AN6290-4	. . GASKET	1	B
	227-58601-5	. HYDRAULIC EQUIPMENT ASSY, Utility sys pump (intrch with 191-58601 or 227-58601-3 on airplanes 53-1072 and subs only) (see fig. 436 for next assy)	Ref	C,*1
-37	AN833-6	. . ELBOW	1	C
-38	AN6289-6	. . NUT	1	C
-39	AN6291-6	. . RING	1	C
-40	AN6290-6	. . GASKET	1	C
-41	AN833-4	. . ELBOW	1	C
-42	AN6289-4	. . NUT	1	C
-43	AN6291-4	. . RING	1	C
-44	AN6290-4	. . GASKET	1	C
-45	AN833-12	. . ELBOW	1	C
-46	AN6289-12D	. . NUT	1	C
-47	AN6291-12	. . RING	1	C
-48	AN6290-12	. . GASKET	1	C
-49	AN833-8	. . ELBOW	1	C
-50	AN6289-8D	. . NUT	1	C
-51	AN6291-8	. . RING	1	C
-52	AN6290-8	. . GASKET	1	C
-53	AN893-151	. . BUSHING	1	C
-54	AN6290-10	. . GASKET	1	C
-55	66WT200-1	. . PUMP ASSY, Hyd (series W200 New York airbrake) (use New York airbrake 66WT200 untl exh)	1	C

*1 227-58601-5 and 227-58602-5 are intrchangeable with 227-58601-3 and 227-58602-3 when used in the following combinations on airplanes 53-1072 and subs only:
227-58601-3 with 227-58602-3
227-58601-5 with 227-58602-5
227-58601-5 with 227-58602-3
*2 Refer to T. O. 1F-86-558

USEABLE ON CODE: A 51-2850 thru 51-13510
B 52-4305 and subs
C 53-1072 and subs

POWER PLANT AND ENGINE SECTION OIL SYSTEM

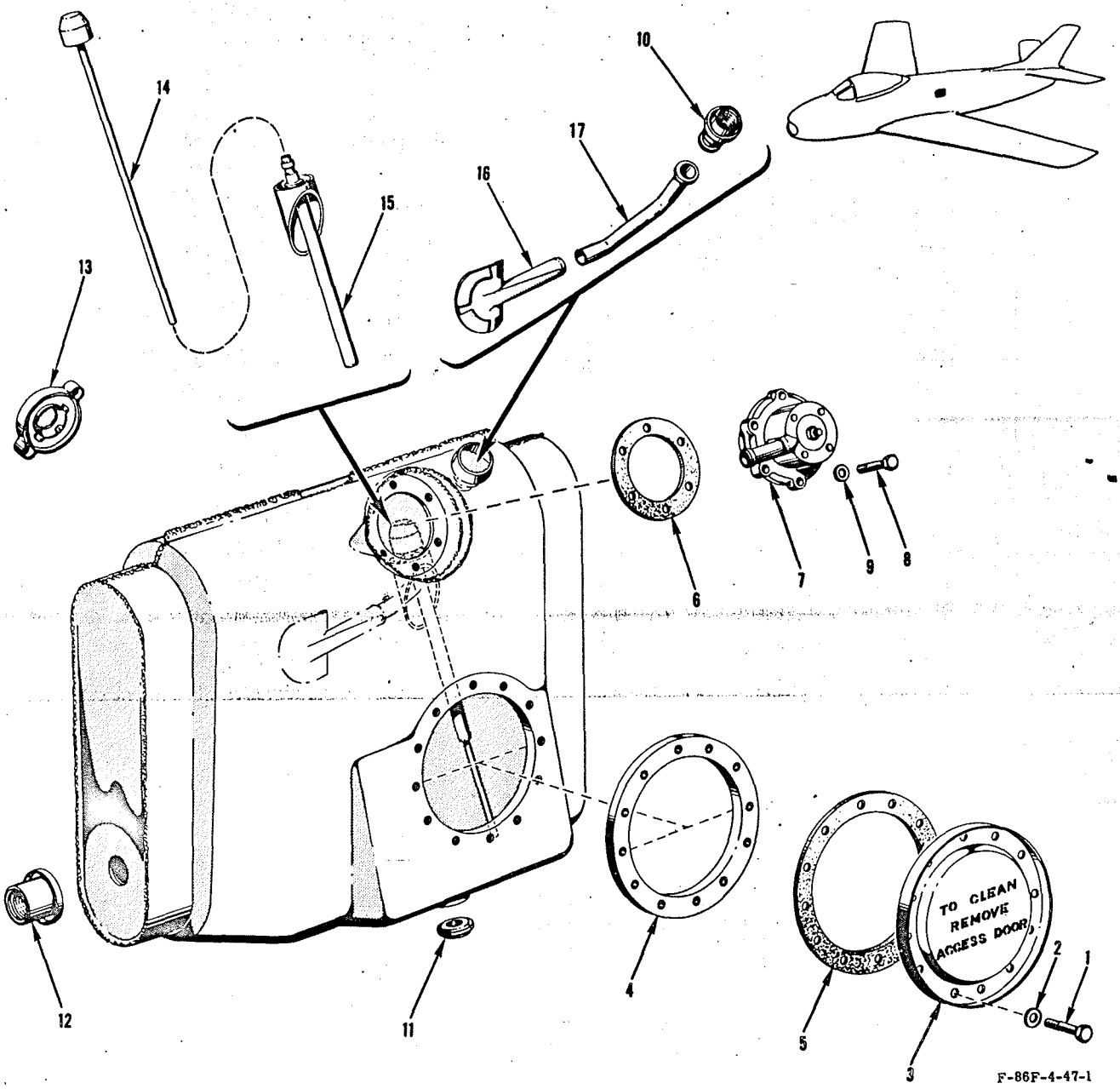


FIGURE 446 - OIL TANK ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
446	176-47002	Tank Assembly, Oil (use 172-47002 until exh) (see fig. 448 for next assembly)	Ref	
-1	AN3-4A	BOLT	12	
-2	205AC10	WASHER, (Wolfe, Franklin)	12	
-3	151-47073	COVER, Oil tank side	1	
-4	172-47012	RING ASSY, Oil tank access	1	
-5	140-47020	GASKET, Oil tank hand access cover	1	
-6	165-47041	GASKET, Oil tank vent valve	1	
-7	SA8256C	VALVE ASSY, Oil tank vent (Standard-Thompson)	1	
-8	AN3-7A	BOLT	6	
-9	205AC10	WASHER, (Wolfe, Franklin)	6	
-10	172-47075	FLANGE, Oil tank return	1	
-11	172-47015	FITTING, Oil tank sump drain	1	
-12	172-47076	FITTING, Oil tank outlet	1	
-13	172-47007	CAP ASSEMBLY, Oil tank filler (altered from 42B3581)	1	
-14	6217	DIPSTICK ASSY, (Roylyn) (use HQ-P1-4145 (Hydra-Quip) until exh	1	
-15	172-47016	TUBE ASSY, Oil tank dip stick guide	1	
	227-47005	NIPPLE, Oil tank dipstick guide (use 8082 (Roylyn) and HQ166-002 (Hydra-Quip) until exh)	1	
-16	172-47074	ORIFICE, Oil tank hopper	1	
-17	176-47002-19	TUBE, Oil tank hopper	1	

POWER PLANT AND ENGINE SECTION OIL SYSTEM (Cont)

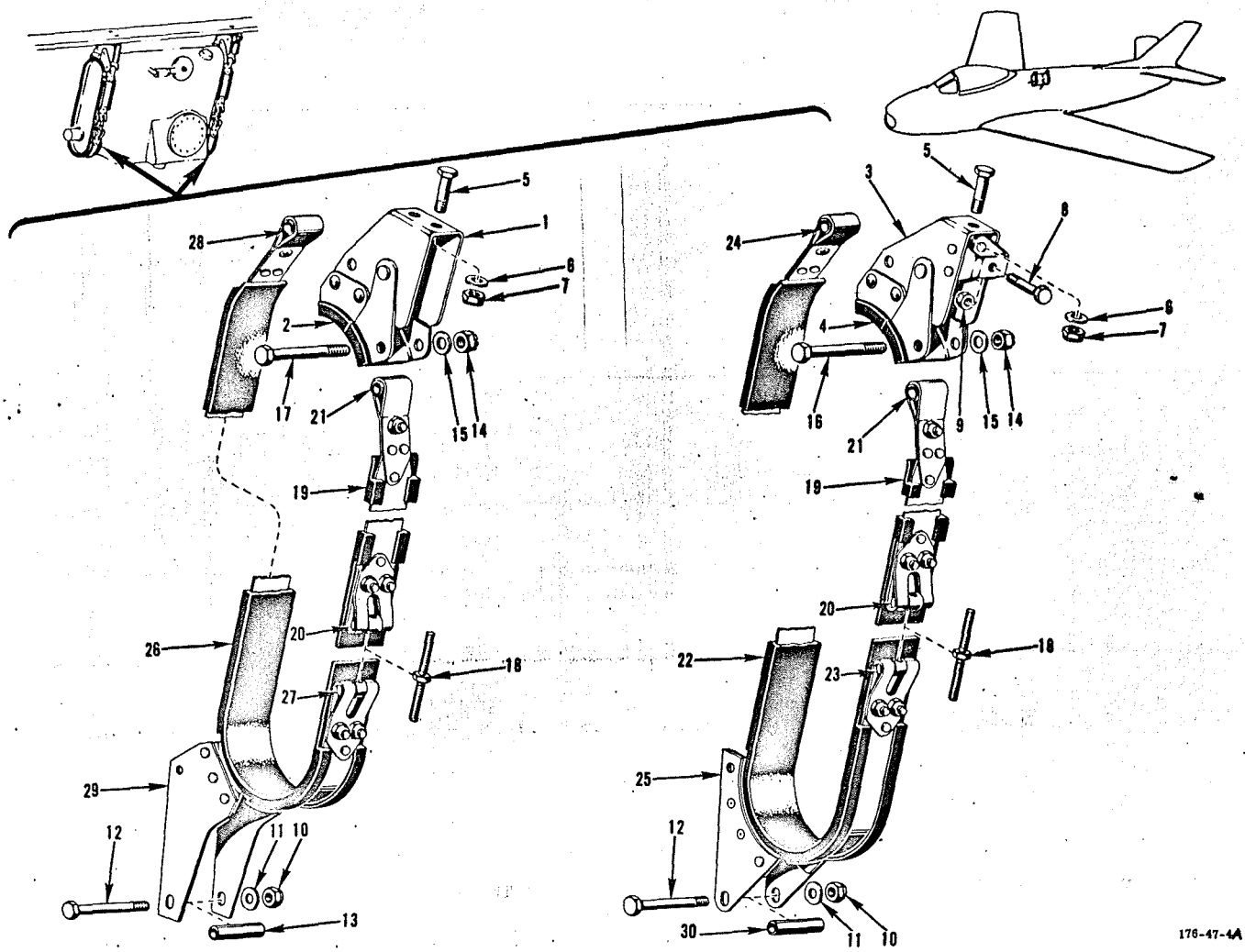


FIGURE 447 - OIL TANK ASSEMBLY ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
447	No Number	OIL TANK ASSEMBLY ATTACHING PARTS, (see fig. 448 for next assy)	NP	
	172-47064	. SUPPORT INSTALLATION, Oil tank scupper	1	
-1	176-47005	. . SUPPORT ASSY, Oil tank fuselage sta 204.5	1	
-2	176-47005-21	. . . PAD, Oil tank support (altered from Adel 2600-3-3)	1	
-3	176-47006	. SUPPORT ASSY, Oil tank fuselage station 225.75	1	
-4	176-47006-21	. . PAD, Oil tank support (altered from Adel 2600-3-3)	1	
-5	AN4-5A	. . BOLT	3	
-6	AN960D416	. . WASHER	3	
-7	AN365-428	. . NUT	3	
-8	AN3-4A	. . BOLT, (used on 176-47005 only)	1	
-9	AN365-1032	. . NUT, (used on 176-47005 only)	1	
-10	AN365-1032	. NUT	4	
-11	AN960D10	. WASHER	4	
-12	AN3-22A	. BOLT	4	
-13	NAS43C3-96	. SPACER, Bolt	1	
-14	AN310-4	. NUT	4	
-15	AN960D416	. WASHER	4	
-16	AN4-15	. BOLT	2	
-17	AN4-17	. BOLT	2	
-18	NAS27-3-2	. TURNBUCKLE, Tank strap	2	
-19	172-47068-13	. STRAP ASSY, Oil tank fus sta 205.5 and 225.75 inboard	2	
-20	NAS25-3L	. . TRUNNION, Tank strap threaded	1	
-21	NAS42C8-76	. . SPACER, Rivet	1	
-22	172-47070	. STRAP ASSY, Oil tank fus sta 225.75 outboard	1	
-23	NAS25-3R	. . TRUNNION, Tank strap threaded	1	
-24	NAS42C8-64	. . SPACER, Rivet	1	
-25	172-47071	. . BRACKET, Oil tank support fus sta 225.75	1	
-26	172-47066	. STRAP ASSY, Oil tank fus sta 204.5 outboard.	1	
-27	NAS25-3R	. . TRUNNION, Tank strap threaded	1	
-28	NAS42C8-64	. . SPACER, Rivet	1	
-29	172-47069	. . BRACKET ASSY, Oil tank support fus sta 205 1/8	1	
-30	NAS43C3-102	. SPACER, Bolt	3	

POWER PLANT AND ENGINE SECTION OIL SYSTEM (Cont)

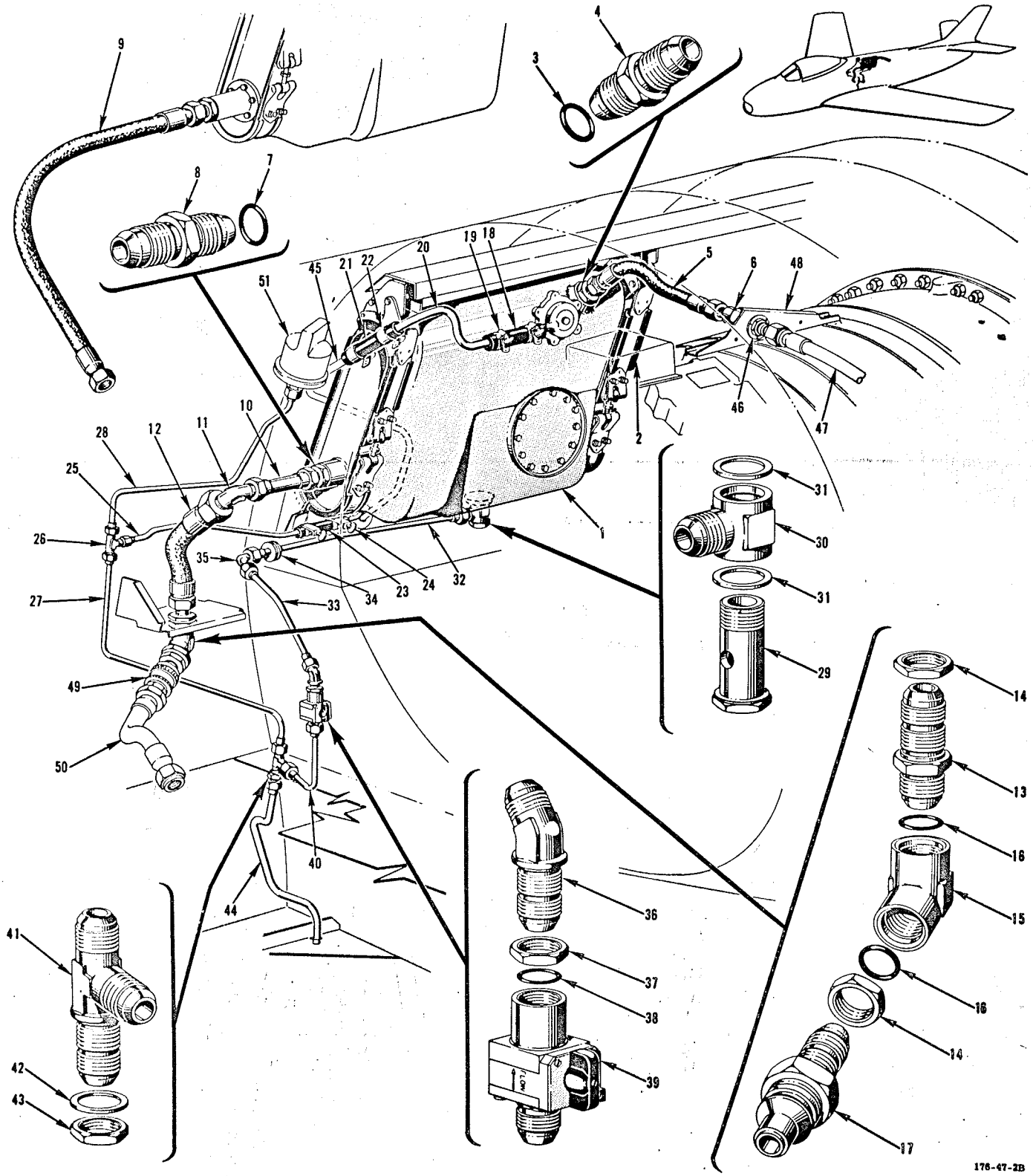


FIGURE 448 - COMPLETE OIL SYSTEM EQUIPMENT

POWER PLANT AND ENGINE SECTION OIL SYSTEM (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
448	172-47001	OIL SYSTEM EQUIPMENT INSTALLATION, Complete (see figure 432 for next assembly)	NP	
-1	176-47002	. TANK ASSY, Oil (see figure 446 for breakdown)	1	*1
-2	No Number	. OIL TANK ASSEMBLY AND ATTACHING PARTS, (see figure 447 for breakdown)	NP	
-3	AN6290-12	. GASKET	1	
-4	AN815-12D	. UNION	1	
-5	AN6264-12D14 3/4	. HOSE ASSEMBLY	1	
-6	155S5-12	. COUPLING HALF, (Aeroquip)	1	
-7	AN6290-16	. GASKET	1	
-8	AN815-16D	. UNION	1	
-9	3H3-16-27	. HOSE ASSY, Plastic covered (North American) (MS28741) (AN6264-16-27)	1	A
-10	172-47802-49	. LINE ASSY, Oil tank supply oil tank to 90° elbow	1	B
-11	AN821-16D	. ELBOW	1	B
-12	AN6264-16D6 1/2	. HOSE	1	B
-13	AN832-16D	. UNION	1	B
-14	AN924-16D	. NUT	2	B
-15	AN927-16D	. ELBOW	1	B
-16	AN6290-16	. GASKET	2	B
-17	8005E16	. NIPPLE, Self sealing (Wiggins)	1	B
-18	3H2-10-11	. HOSE (North American)	1	*1
-19	AN748-34	. CLAMP	2	*1
-20	172-47079	. LINE ASSY, Tank vent to hose	1	*1
-21	3H2-8-15	. HOSE, (North American)	1	
-22	AN748-30	. CLAMP	2	
-23	3H2-6-11	. HOSE, (North American)	1	
-24	AN737RM26	. CLAMP	2	
-25	172-47802-29	. TUBE ASSY, Oil tank scupper drain to tee	1	C
	172-47802-45	. LINE ASSY, Oil tank scupper drain to tee	1	D
	172-47802-53	. LINE ASSY, Oil tank scupper drain to tee	1	E
-26	AN824-6D	. TEE	1	
-27	172-47802-25	. LINE ASSY, Oil tank sump and scupper drain tee to bhd tee	1	A
	172-47802-57	. LINE ASSY, Oil tank sump and scupper drain tee to bhd tee	1	B
-28	172-47802-21	. LINE ASSY, Hydraulic regulator vent to tee	1	A
	172-47802-41	. LINE ASSY, Hydraulic regulator vent to tee	1	G
	172-47802-61	. LINE ASSY, Hydraulic regulator vent to tee	1	F
-29	AN775-6	. BOLT	1	
-30	AN776-6	. ELBOW	1	
-31	AN901-6C	. GASKET	2	
-32	172-47802-15	. LINE ASSY, Oil tank sump drain tank fitting to 90° elbow	1	
-33	172-47802-33	. LINE ASSY, Oil tank sump drain 90° elbow to draincock	1	
-34	AN931-6-16	. GROMMET	1	
-35	AN821-6	. ELBOW	1	
-36	AN837-6D	. ELBOW	1	
-37	AN924-6D	. NUT	1	
-38	AN6290-6	. GASKET	1	
-39	7101-2	. DRAIN, Valve (Koehler) (style 3)	1	
-40	172-47802-37	. LINE ASSY, Oil tank sump drain Koehler draincock to bhd tee	1	
-41	AN804D6	. TEE	1	
-42	AN960D916	. WASHER	1	
-43	AN924-6D	. NUT	1	
-44	172-47802-19	. LINE ASSY, Oil hydraulic drain bulkhead tee to atmosphere	1	
-45	172-47014	TUBE ASSY, Oil tank to atmosphere vent RH side (see fig. 158)	Ref	
-46	155S2-12D	COUPLING, Half (Aeroquip) (see figure 433) (use 155S2-12 untl exh)	Ref	
-47	AN624-12D40 3/4	HOSE, (see figure 433)	Ref	
-48	176-47009	BRACKET, Oil return disconnect support (see figure 433)	Ref	
-49	8000D16	SOCKET ASSY, (female) (Wiggins) (see fig. 436)	Ref	
-50	3H3-16-12 1/2	HOSE ASSY, (engine oil inlet) (North American) (see fig. 436)	Ref	
-51	172-58652-10	REGULATOR ASSY, Hyd reservoir utility complete (see fig. 239)	Ref	

*1 Use 176-47002 together with 3H3-10-11 hose, AN748-34 clamps and 172-47079 line untl exh. Whn exh use 172-47002 together with 172-47802-13.

USEABLE ON CODE:
A 51-2850 thru 51-13397
B 51-13398 and subs
C 51-2850 thru 51-12969, 51-13070 thru 51-13169
D 51-12967 thru 51-12976, 51-13170 thru 51-13397
E 51-13398 and subs
F 51-13398 thru 51-13510
G 52-4305 and subs

POWER PLANT AND ENGINE SECTION FUEL SYSTEM

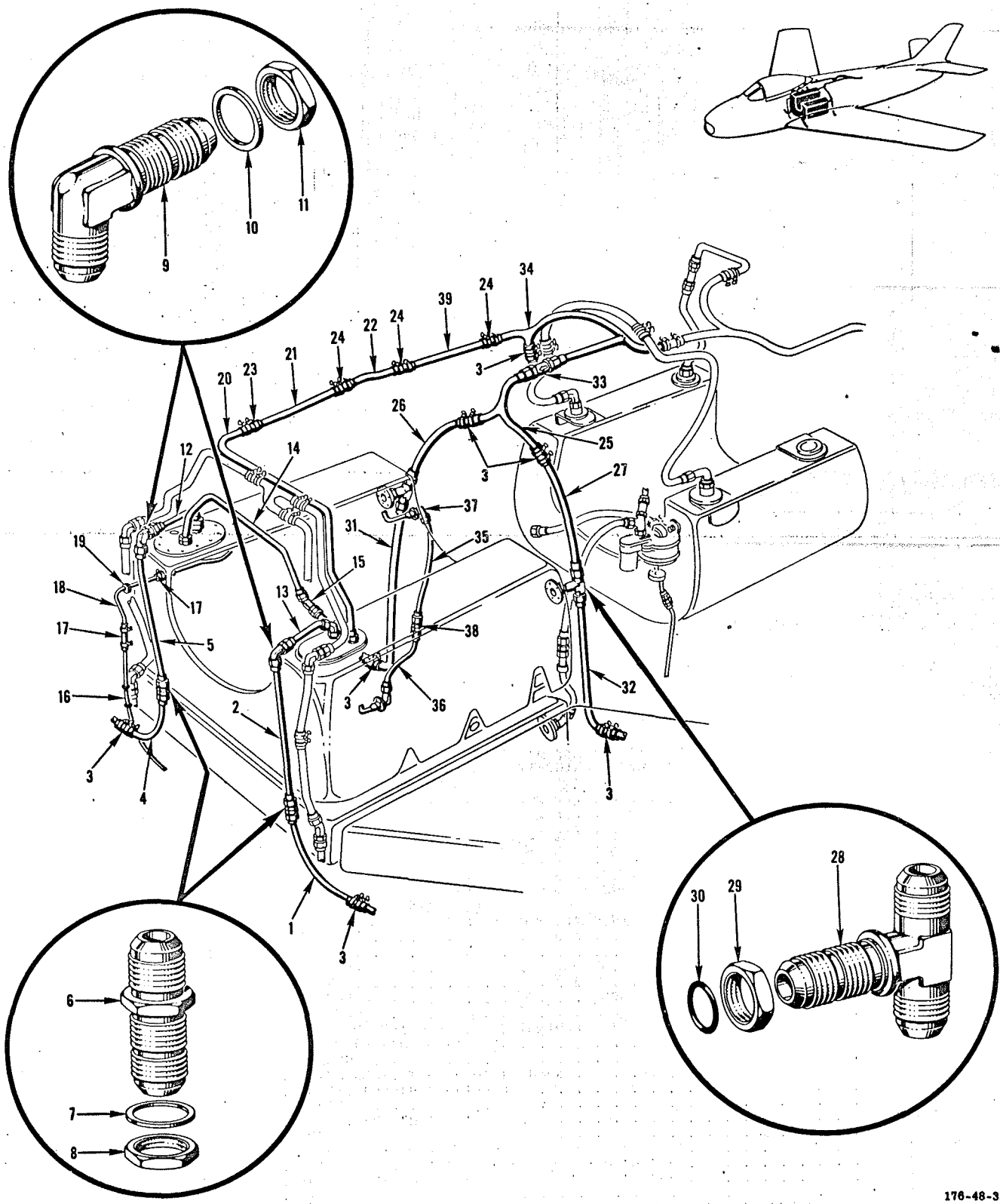


FIGURE 449 - COMPLETE FUEL SYSTEM EQUIPMENT

POWER PLANT AND ENGINE SECTION FUEL SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
449	172-48031-51	FUEL SYSTEM EQUIP. INSTL, (see fig. 432 for next assembly) . .	NP	
	No Number	. FUSELAGE AFT FUEL CELL LINES AND FITTINGS, (see fig. 450) .	NP	
	No Number	. FUSELAGE FORWARD FUEL CELL AND ACCESSORIES, (see fig. 456) .	NP	
	No Number	. FUSELAGE AFT FUEL CELL AND ACCESSORIES, (see fig. 458) . . .	NP	
	172-48151	. DE-ICING EQUIP. INSTL, Fuel filter alcohol (see fig. 458) .	NP	
	172-48203-51	. FUEL AND PRESSURE EQUIPMENT INSTL, Drop tank fuselage . . . (see figure 459 for breakdown)	NP	A
	176-48203	. FUEL AND PRESSURE EQUIPMENT INSTL, Drop tank fuselage . . . (see figure 460 for breakdown)	NP	B
	151-48034	. FUEL CELL LINER INSTALLATION, Fuselage (see figure 451) . .	NP	
-1	172-48831-303	. LINE ASSY Outer wing cell to fwd fuselage cell forward . . interconnector hose to gun bay floor climb vent	1	A
	172-48831-319	. LINE ASSY, Outer wing cell to fwd fuselage cell forward . . interconnector hose to gun bay floor climb vent	1	B
-2	172-48831-307	. LINE ASSY, Outer wing cell to fwd fuselage cell forward . . interconnector bulkhead to gun bay floor LH	1	
-3	3H2-16-15	. HOSE, (North American)	7	
	AN737TW46	. CLAMP	14	
-4	172-48831-304	. LINE ASSY, Outer wing cell to fwd fus cell fwd interconnector hose to gun bay floor climb vent RH	1	
-5	172-48831-94	. LINE ASSY, Outer wing cell to fwd fus cell fwd interconnector bulkhead to gun bay floor RH	1	
-6	AN832-16D	. UNION	2	
-7	2W1AL85-52-51	. WASHER, Plain (North American) (RH only)	1	
-8	AN924-16D	. NUT	2	
-9	AN833-16D	. ELBOW	2	
-10	AN960D1216	. WASHER	2	
-11	AN924-16D	. NUT	2	
-12	172-48831-54	. LINE ASSY, Outer wing cell to fwd fus cell fwd interconnector bulkhead to cell RH vent	1	
-13	172-48854	. LINE ASSY, Outer wing fuel cell vent fus sta 126 to . . . . forward fuselage cell	1	
-14	172-48831-88	. LINE ASSY, Forward fuselage cell cross-over vent	1	
-15	AN821-16D	. ELBOW	1	
-16	172-48831-131	. LINE, Fwd fus cell fuel filler scupper cup drain to outlet . lower	1	
	758-4	. CLIP, (Adel)	1	
-17	3H2L4-15	. HOSE, (North American) (use 172-48831-133 unt1 exh)	2	
	AN737TW22	. CLAMP	4	
-18	172-48831-130	. LINE, Fwd fus cell filler scupper cup drain to outlet upper	1	
-19	AN931-4S7	. GROMMET	3	
	AN931B4-7	. GROMMET	1	
-20	172-48831-100	. LINE ASSY, Forward fuselage fuel cell fuel level control . . valve to main vent	1	
-21	172-48868	. LINE, Main fuel vent forward fuselage cell sta 135 to sta 155	1	
-22	172-48831-185	. LINE ASSY Main fuel vent fwd fus cell sta 158 to sta 174. .	1	
-23	3H2-20-15	. HOSE, (North American)	1	
	AN737TW58	. CLAMP.	2	
-24	3H2-24-15	. HOSE, (North American)	3	
	AN737TW66	. CLAMP	6	
-25	172-48843	. LINE ASSY, Fwd fus fuel cell dive vent junction tee	1	C,*1
	176-48852	. LINE ASSY, Fwd fus fuel cell dive vent junction tee	1	D,*1
	172-48875	. LINE ASSY, Fwd fus fuel cell dive vent junction tee	1	*1
-26	172-48856	. LINE ASSY, Fwd fus fuel cell dive vent tee to inlet RH . . . (use 172-48831-96 unt1 exh)	1	*1
-27	172-48831-315	. LINE ASSY, Fwd fus fuel cell dive vent tee to inlet LH . . . (use 172-48831-95 unt1 exh)	1	
-28	AN834-16D	. TEE	2	
-29	AN924-16D	. NUT	2	
-30	MS29512-128	. GASKET	2	
-31	172-48831-314	. LINE ASSY, Fwd fus cell dive vent inlet to outer wing cell . (RH) (use 172-48831-98 unt1 exh)	1	
-32	172-48831-97	. LINE ASSY, Fwd fus cell dive vent inlet to outer wing cell(LH)	1	
-33	1-1045-76	. VALVE ASSY, Check (Parker Aircraft) (intrch wth Kohler . . . K1339-16-1)	1	
-34	172-48848	. LINE ASSY, Main fuel vent fus sta 170 to 202 . . . . . (whn exh use 172-48885)	1	*1
	172-48885	. LINE ASSY, Main fuel vent fus sta 170 to 202 . . . . . (use 172-48848 unt1 exh)	1	*1
-35	172-48831-31	. LINE ASSY, Center wing cell to fwd fus cell filler vent upper	1	
-36	227-48861	. LINE ASSY, Center wing cell to fwd fus cell filler vent lower (use 172-48861 unt1 exh)	1	
-37	AN833-12D	. ELBOW	1	
	MS29512-20	. GASKET	1	
	AN924-12D	. NUT	1	
-38	AN832-12D	. UNION	1	
	AN960D1716	. WASHER	1	
	AN924-12D	. NUT	1	
-39	172-48837	. LINE ASSY, Main fuel vent station 151 to 185	1	

*1 Use 172-48885 together with 172-48875 and 172-48856 unt1 exh, whn exh use 172-48848 together with 176-48852, 172-48843 and 172-48831-313.

USEABLE ON CODE: A 51-2850 thru 51-13169, B 51-13170 and subs C 51-2850 thru 51-12976, 52-4305 thru 52-5271 D 51-13070 thru 51-13510, 52-5272 and subs

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

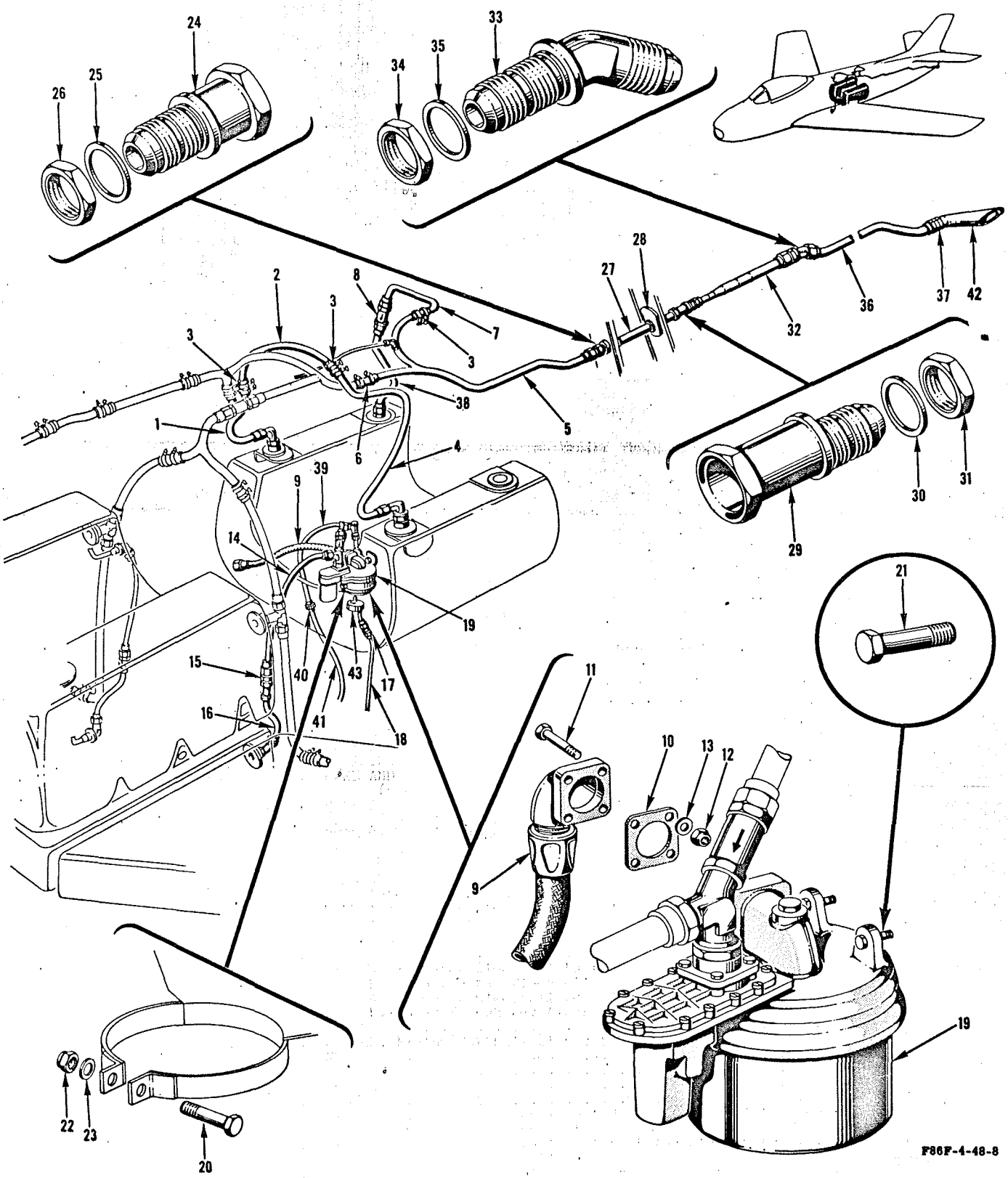


FIGURE 450 - FUSELAGE AFT FUEL CELL LINES AND FITTINGS

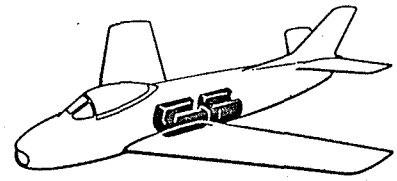
POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

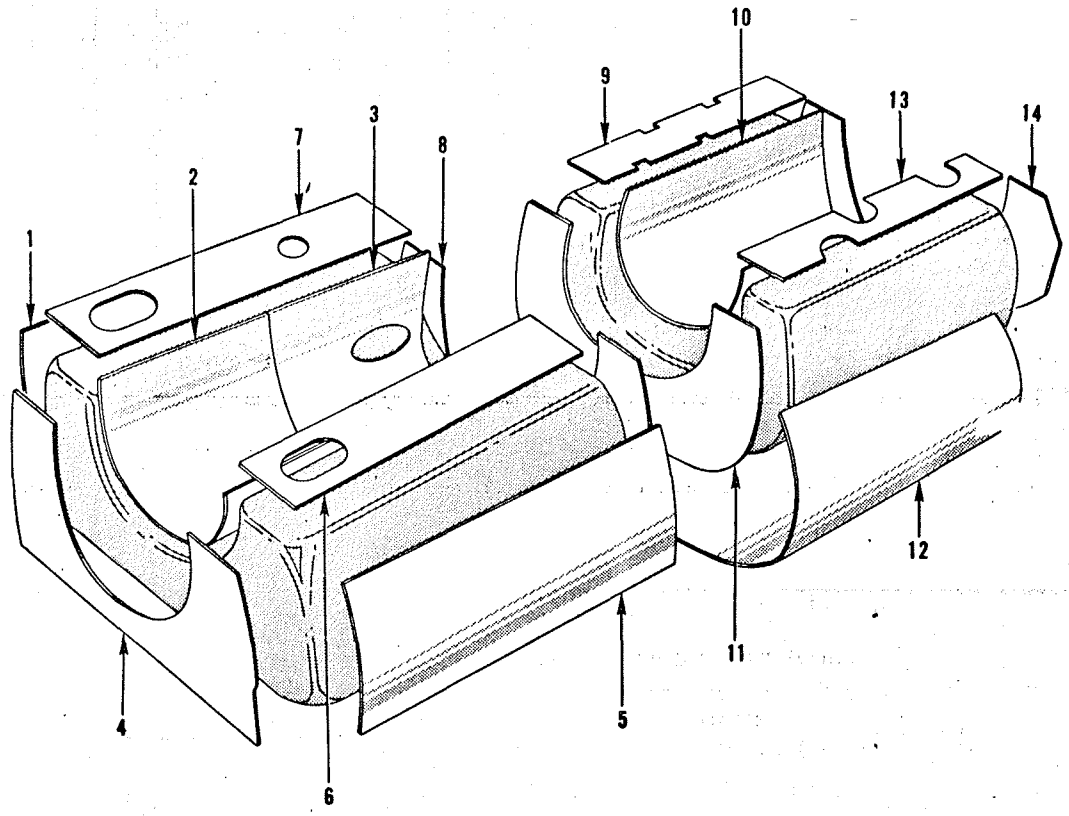
FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
450	No Number	FUSELAGE AFT FUEL CELL LINES AND FITTINGS, (see figure 449 for next assembly)	NP	
-1	172-48859	. LINE ASSY, Aft fuselage fuel cell fwd RH balance vent	1	
-2	172-48831-166	. LINE, Aft fuel cell cross-over vent center section	1	
-3	3H2-16-15	. HOSE, (North American)	3	
	AN737TW46	. CLAMP	6	
-4	172-48831-69	. LINE ASSY, Aft fuel cell cross-over vent LH	1	A
	172-48831-323	. LINE ASSY, Aft fuel cell cross-over vent LH	1	B
-5	176-48857	. LINE ASSY, Main vent fus sta 204.5 to 236.25 (use 172-48857 until exh)	1	A
	176-48857-31	. LINE ASSY, Main vent fus sta 204.5 to 236.25	1	B
-6	3H2-24-15	. HOSE, (North American)	1	
	AN737TW66	. CLAMP	1	
-7	172-48831-29	. LINE ASSY, Aft fuselage cell interconnector RH vent to main vent 2nd section	1	*1
	172-48831-325	. LINE ASSY, Aft fuselage cell interconnector RH vent to main vent 2nd section	1	*1
-8	1-1045-76	. VALVE ASSY, Check (Parker Aircraft) (Intrch wth Kohler K1339-16-1)	1	
-9	172-48871	. HOSE ASSEMBLY, Fuel filter to engine	1	
-10	4G2-20	. GASKET, Swivel fitting flanged (North American)	1	
-11	AN4-7A	. BOLT	4	
-12	AN365-428	. NUT	4	
-13	AN960D416	. WASHER	4	
-14	172-48831-302	. LINE ASSY, Wheel well web to fuel shut-off valve	1	
-15	AN832-20D	. UNION	1	
	AN924-20D	. NUT	1	
-16	172-48874	. LINE ASSY, Center wing fuel cell to wheel well web fuel shut-off valve	1	
-17	AN815-8D	. UNION	1	
-18	172-48831-36	. LINE ASSY, Fuel filter drain	1	
-19	172-48067-51	. FILTER ASSY, Fuel system (see fig. 461 for breakdown)	1	A
	172-48067-71	. FILTER ASSY, Fuel system (see fig. 461 for breakdown)	1	B
	ATTACHING PARTS			
-20	AN3-6A	. BOLT	1	
-21	AN4-6A	. BOLT	2	
-22	AN365-1032	. NUT	1	
-23	AN960A10	. WASHER	1	
	---*---			
-24	151-48081	. ADAPTER, Fuel vent line fuselage break forward	1	
-25	AN924-24D	. NUT	1	
-26	AN960D3016	. WASHER	1	
-27	151-48845	. LINE ASSY, Main fuel vent forward fuselage cell to outlet 4th section	1	
	MS29513-326	. . PACKING	2	
	151-48088	. . SEAL, Fuel vent line fuselage station 244.75	1	
-28	151-48089	. RETAINER ASSY Fuel vent line station 244.75 seal	1	
-29	151-48082	. ADAPTER, Fuel vent line fuselage break aft	1	
-30	AN960D3016	. WASHER	1	
-31	AN924-24D	. NUT	1	
-32	151-48856	. LINE ASSY, Main fuel vent forward fus cell to outlet 5th section	1	
-33	AN837-32D	. ELBOW	1	
-34	AN924-32D	. NUT	1	
-35	AN960D4016	. WASHER	1	
-36	172-48831-27	. LINE ASSY, Fwd fus cell to main fuel vent sta 286.5 to sta 373	1	
-37	AN815-32D	. UNION	1	*1
-38	172-48831-28	. LINE ASSY, Aft fus cell interconnector vent RH	1	*1
	172-48831-324	. LINE ASSY, Aft fuselage cell interconnector vent RH	1	B
-39	172-48831-322	. LINE ASSY, Fuel filter thermal relief valve to wheel well floor	1	B
-40	AN832-4	. UNION	1	B
-41	172-48831-46	. LINE ASSY, Fuel filter alcohol de-icing system relief valve drain floor union to outlet	Ref	
-42	151-48140	TUBE ASSY, Fuel vent streamlined (see figure 159)	Ref	
-43	170-48136	CUP ASSY, Fuel filter drain (see figure 157)		

*1 172-48831-324 together with 172-48831-325 is intrch wth 172-48831-28 together with 172-48831-29

USEABLE ON CODE: A 51-2850 thru 51-13510, 52-4305 thru 52-5063, 52-5272 thru 52-5386
B 52-5064 thru 52-5271, 52-5387 thru 52-5530, 53-1072 thru 53-1228

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)





172-48-1008

FIGURE 451 - FUSELAGE FUEL CELL LINERS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
451	151-48034	LINER INSTL, Fuselage fuel cells (see fig. 449 for next assy) .	NP	
-1	172-48047-2	. LINER, Forward fuselage fuel cell side RH	1	
-2	151-48049	. LINER, Forward fuselage fuel cell upper forward	1	
-3	151-48039-11	. LINER, Forward fuselage fuel cell upper rear	1	
-4	151-48035	. LINER, Forward fuselage fuel cell upper front	1	
-5	172-48047-1	. LINER, Forward fuselage fuel cell side LH	1	
-6	172-48137	. LINER ASSY, Forward fuselage fuel cell upper LH	1	
	151-48037-11	. . LINER, Forward fuselage fuel cell upper LH	1	
-7	172-48138	. LINER ASSY, Forward fuselage fuel cell upper RH	1	
	151-48038	. . LINER, Forward fuselage fuel cell upper RH	1	
-8	172-48139	. LINER ASSY, Forward fuselage fuel cell aft	1	
	172-48136	. . LINER, Forward fuselage fuel cell aft	1	
-9	172-48048	. LINER ASSY, Rear fuselage fuel cell upper RH	1	
	172-48046	. . LINER, Rear fuselage fuel cell upper RH	1	
-10	151-48047	. LINER, Rear fuselage fuel cell upper	1	
-11	172-48043	. LINER, Rear fuselage fuel cell upper front	1	
-12	151-48048	. LINER, Rear fuselage fuel cell upper lower	1	
-13	151-48045	. LINER, Rear fuselage fuel cell upper LH	1	
-14	151-48044	. LINER, Rear fuselage fuel cell upper rear	1	

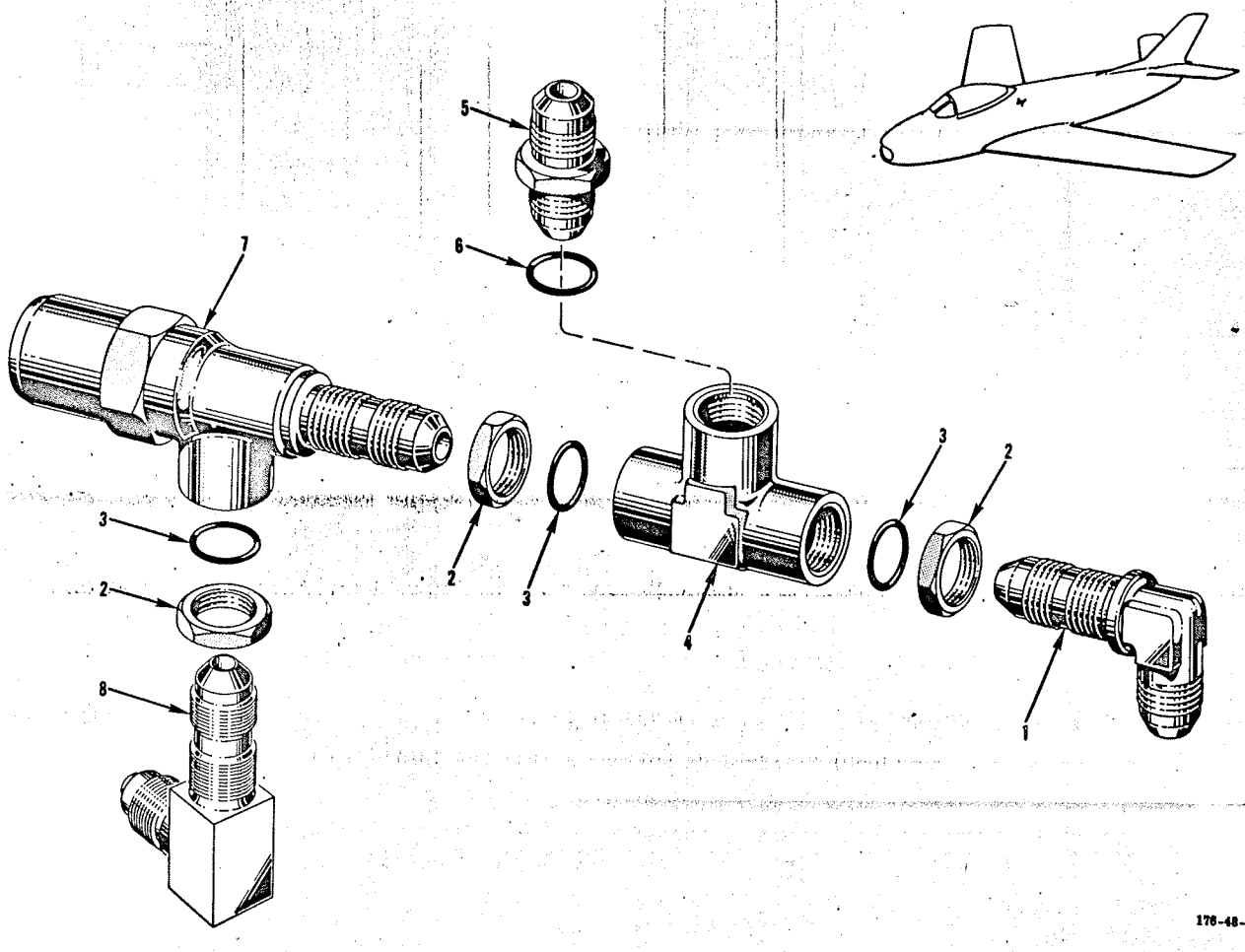


FIGURE 452 - FUEL FILTER ALCOHOL DE-ICING SYSTEM THERMAL RELIEF VALVE ASSEMBLIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
452	172-48163-11		VALVE ASSEMBLY, Fuel filter alcohol de-icing system thermal relief (see figure 458 for next assembly) (use 172-48163 until exh)	Ref	A
-1	AN833-4D	.	ELBOW	1	A
-2	AN924-4D	.	NUT	3	A
-3	934-7	.	PACKING	3	A
-4	AN926-4D	.	TEE	1	A
-5	AN815-4D	.	UNION	1	A
-6	934-7	.	PACKING	1	A
-7	2-2850-76	.	VALVE, Thermal relief (Parker Aircraft)	1	A
-8	172-48166	.	RESTRICTOR, Fuel filter alcohol de-icing system thermal relief valve	1	A
	USEABLE ON CODE:	A	51-2850 thru 52-5063 and 52-5272 thru 52-5386		

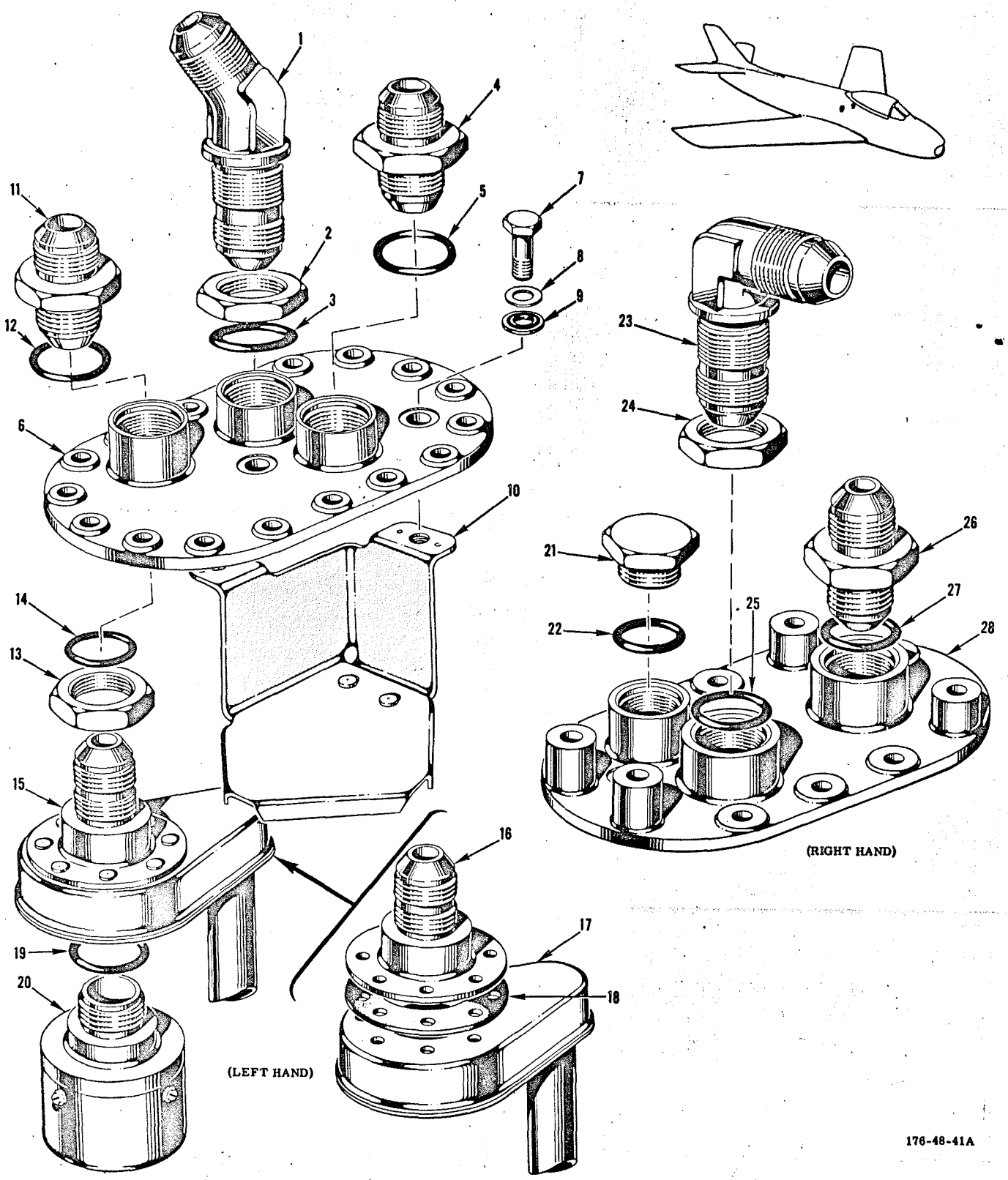


FIGURE 453 - FORWARD FUSELAGE FUEL CELL VENT AND FUEL LEVEL CONTROL VALVE ASSEMBLIES

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
453		FUEL CELL VENT AND FUEL LEVEL CONTROL AND SENSING VALVE ASSEMBLIES LH AND RH SIDE		
	172-48178	. ADAPTER ASSEMBLY, Forward fuselage fuel cell vent and fuel level control valve (LH side) (see figure 457 for next assembly)	Ref	
-1	AN837-16D	. . ELBOW	1	
-2	AN924-16D	. . NUT	1	
-3	MS28512-16	. . GASKET	1	
-4	AN815-20D	. . UNION	1	
-5	MS28512-20	. . GASKET	1	
-6	172-48177	. . ADAPTER, Forward fuselage fuel cell vent and fuel level control valve	1	
-7	AN3-5A	. . BOLT	2	
-8	AN960D10L	. . WASHER	2	
-9	205AC10	. . WASHER, Loc-O-Seal (Wolfe, Franklin)	2	
-10	151-48209	. . BAFFLE, Drop tank level control valve fuel	1	
-11	AN815-20D	. . UNION	1	
-12	MS29512-20	. . GASKET	1	
-13	AN924-12D	. . NUT	1	
-14	MS29512-12	. . GASKET	1	
-15	134-48086	. . COLLECTOR ASSY, Fuel level control valve complete	1	
-16	134-48085	. . . ADAPTER, Fuel level valve	1	
-17	134-48084	. . . COLLECTOR, Fuel level control valve	1	
-18	134-48086-3	. . . GASKET, Fuel level control valve	1	
-19	MS29512-12	. . GASKET	1	
-20	K1880D	. . VALVE, Fuel level control (Koehler)	1	
	151-48078-31	. ADAPTER ASSEMBLY, Forward fuselage fuel cell vent and fuel level control valve (RH side) (see figure 457 for next assembly)	Ref	
-21	AN814-12D	. . PLUG	1	
-22	MS29512-12	. . GASKET	1	
-23	AN833-16D	. . ELBOW	1	
-24	AN924-16D	. . NUT	1	
-25	MS29512-16	. . GASKET	1	
-26	AN815-16D	. . UNION	1	
-27	MS29512-16	. . GASKET	1	
-28	151-48077	. . ADAPTER, Forward fuselage fuel cell vent and fuel level control valve (RH side)	1	

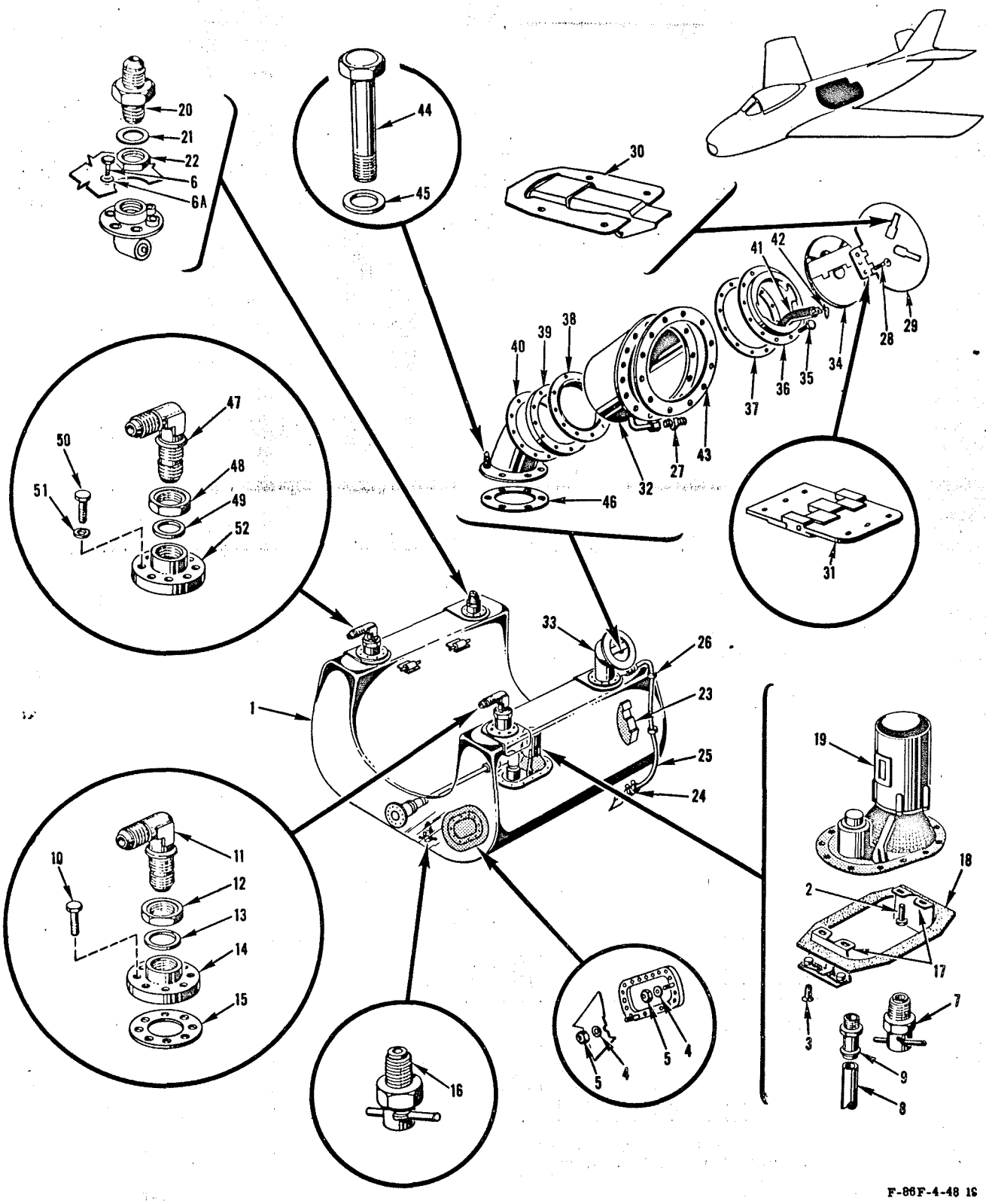


FIGURE 454 - AFT FUSELAGE FUEL CELL AND ACCESSORIES

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
454	No Number	FUSELAGE AFT FUEL CELL AND ACCESSORIES, (see figure 449 for next assembly)	NP	
-1	172-48053	. CELL ASSEMBLY, Aft fuselage fuel complete (see figure 455 for breakdown)	1	
	ATTACHING PARTS			
-2	AN74-5	. BOLT	8	
-3	AN509-8R10	. SCREW	4	
-4	2W14	. WASHER, Plain (North American) (use 82-11615 until exh)	24	
-5	AN365-428	. NUT	4	
-6	AN4H7A	. BOLT	4	
-6A	AN960D416L	. WASHER	4	
	---*---			
-7	CCA4850	. DRAINCOCK, (Curtis Auto.)	1	
-8	140-48804-5	. LINE, Center wing cell booster pump seal drain	1	
-9	AN840-4	. ADAPTER	1	
-10	AN4H4A	. BOLT	6	
-11	AN833-16D	. ELBOW	1	
-12	AN924-16D	. NUT	1	
-13	MS29512-16	. GASKET	1	
-14	151-48080	. ADAPTER, Rear fuselage fuel cell interconnector vent left	1	
-15	140-48087	. GASKET, Forward and rear fuselage cells vent line adapter	1	
-16	CCA4900	. DRAINCOCK, (Curtis Auto.)	1	
-17	151-48076-1	. BRACKET, Rear fuel cell booster pump LH	1	
	151-48076-2	. BRACKET, Rear fuel cell booster pump RH	1	
-18	151-48096	. BLOCK, Aft fuselage fuel cell transfer pump support	1	
-19	TF31400-3	. PUMP ASSEMBLY, Submerged booster (Thompson Prod.)	1	
	TF12907-1	. . GASKET (supplied with pump) (Thompson Products)	1	
	AN76A43	. BOLT, (replaces AN76A45 bolt supplied with pump)	1	
-20	AN815-16D	. UNION	1	
-21	MS29512-16	. GASKET	1	
-22	AN924-16D	. NUT	1	
-23	151-48095	. BLOCK, Aft fuselage fuel cell longeron filler	2	
-24	3H2L4-15	. HOSE, (North American)	1	*3
	AN737TW22	. CLAMP	2	*3
-25	172-48831-34	. LINE ASSEMBLY, Aft fuselage cell fuel filler scupper cup drain to outlet	1	
-26	AN931-4S7	. GROMMET	1	
-27	AN815-4D	. UNION	1	
-28	AN509-8R9	. SCREW	2	
-29	170-48062	. DOOR ASSEMBLY, Aft fuselage fuel cell filler	1	
-30	H5000-040-081	. . LATCH ASSEMBLY, Fuel cell door (Hartwell)	2	
-31	151-48075	. . HINGE ASSEMBLY, Rear fuselage fuel cell filler door	1	
-32	151-48173	. SCUPPER ASSEMBLY, Rear fuselage fuel cell filler neck	1	
-33	151-48175-91	. NECK ASSEMBLY, Rear fuselage fuel cell filler complete (use 151-48175-71 until exh)	1	*1
-34	202-48142	. . CAP ASSY, Fuel cell filter (use 151-48142-31 until exh)	1	
-35	AN4-10A	. . BOLT	12	
	NAS43DD4-10	. . SPACER, Screw and bolt	12	*4
-36	170-48166	. . ADAPTER ASSEMBLY, Fuselage fuel filler cap	1	
-37	117-48142-11	. . GASKET, Fuel cell filler adapter	1	
-38	227-48171	. . RING, Aft fuselage fuel cell filler neck seal retaining	1	*4
-39	227-48172	. . SEAL, Aft fuselage fuel cell filler neck	1	*4
-40	151-48174-31	. . NECK ASSEMBLY, Aft fuselage fuel cell filler	1	*2
-41	172-48831-154	. . LINE, Fuel cell filler cap retainer chain	1	
-42	39A4240	. . HOOK, Tank filler cap chain	1	
-43	151-48071	. GASKET, Aft fuselage fuel cell filler cup skin	1	
-44	AN4H5A	. BOLT	8	
-45	2W1AL17-18-64	. WASHER, Plain (North American)	8	
-46	140-48058	. GASKET, Aft fuselage fuel cell filler neck shelf	1	
-47	AN833-16D	. ELBOW	1	
-48	AN924-16D	. NUT	1	
-49	MS29512-16	. GASKET	1	
-50	AN4H7A	. BOLT	6	
	AN501A10-4	. SCREW	2	
-51	AN960D416	. WASHER	6	
	AN960D10L	. WASHER	2	
-52	172-48066	. ADAPTER, Aft fuselage cell forward RH fuel vent	1	

*1 Use 151-48175-31 or -51 until exh, whn exh use 151-48175-71 or -91 together with 172-48101 collar assembly.

*2 Use 151-48174-11 until exh, whn exh use 151-48174-31 together with 172-48101 collar assembly.

*3 Use 172-48831-133 line until exh, whn exh use 3H2L4-15 hose together with AN737TW22 clamps.

*4 Use 151-48172-11 together with 151-48171-11 until exh, when exh use 151-48172 together with 151-48171, whn exh use 151-48172-11 together with 151-48171-11 and NAS43DD4-10

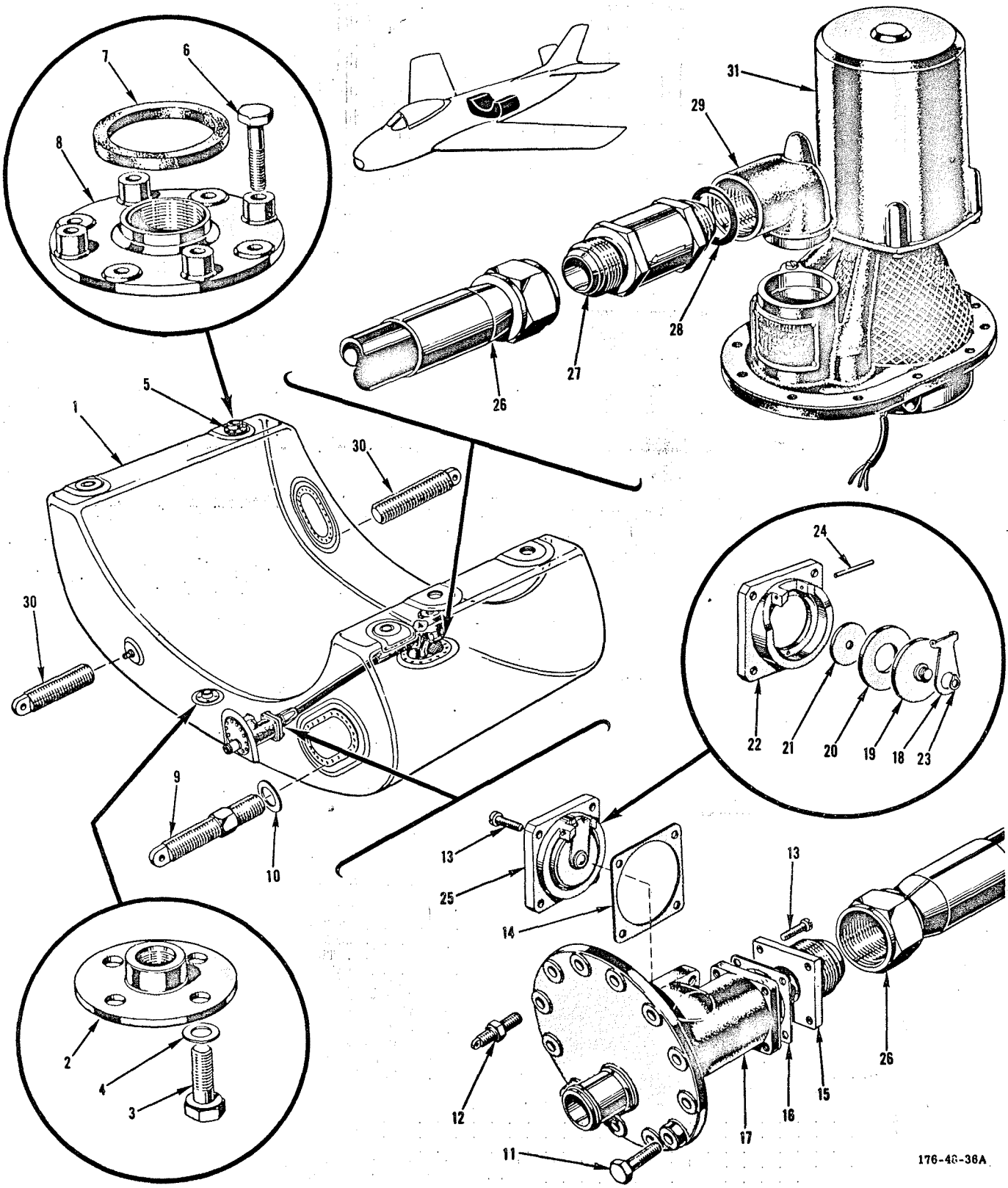


FIGURE 455 - AFT FUSELAGE FUEL CELL ASSEMBLY COMPLETE

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
455	172-48053	CELL ASSEMBLY, Fuel aft fuselage complete (see figure 454 for next assembly)	Ref	
-1	172-48033-101	. CELL ASSEMBLY, Aft fuselage fuel (use 172-48033 untl exh)	1	
-2	151-48122	. ADAPTER, Center wing fuel cell sump drain	1	
-3	AN74-4	. BOLT	4	*1
-4	AN960D416	. WASHER	4	*1
-5	172-48059	. ADAPTER ASSEMBLY, Aft fuselage fuel cell aft vent	1	
	ATTACHING PARTS			
-6	AN74-4	. BOLT	4	
	---*---			
-7	172-48059-3	. . STRIP, Aft fuselage fuel cell aft vent adapter	1	
-8	172-48093	. . ADAPTER, Aft fuselage fuel cell aft vent adapter	1	
-9	117-48289	. STUD, Self sealing fuel cell	4	
-10	AN960-416L	. WASHER	4	
	151-48059	. VALVE ASSEMBLY, Rear fuselage to center wing cell interconnector and check (whn exh use 151-48059-11)	1	
	151-48059-11	. VALVE ASSEMBLY, Rear fuselage to center wing cell interconnector and check (use 151-48059 untl exh)	1	
	ATTACHING PARTS			
-11	AN74-4	. BOLT	8	
-12	151-48051	. STUD, Aft fuselage cell interconnector and check valve tie down	2	
	---*---			
-13	AN502-10-8	. . SCREW	4	
-14	134-48082	. . GASKET, Auxiliary to main tank interconnector check valve adapter	1	
-15	152-48083	. . ADAPTER, Rear fuselage to center wing cell interconnector and check valve	1	
-16	134-48081	. . GASKET, Auxiliary to main tank interconnector check valve nipple	1	
-17	140-48054	. . BODY, Rear fuselage to center wing cell interconnector and check valve	1	
	134-48071	. . ADAPTER ASSEMBLY, Auxiliary to main tank interconnector check valve (used on 151-48059 only) (whn exh use Parker Aircraft 1111-518038)	1	*2
-18	134-48069	. . . ARM, Auxiliary to main tank interconnector check valve adapter	1	*2
-19	134-48066	. . . DISC, Auxiliary to main tank interconnector check valve adapter	1	*2
-20	134-48067	. . . WASHER, Auxiliary to main tank interconnector check valve adapter	1	*2
-21	2W1C9-30-43	. . . WASHER, Plain (North American)	1	*2
-22	134-48065	. . . ADAPTER, Auxiliary to main tank interconnector check valve	1	*2
-23	NAS51-25	. . . RING, External retainer	1	*2
-24	134-48068	. . . PIN, Auxiliary to main tank interconnector check valve nipple	1	*2
-25	1111-518038	. VALVE ASSEMBLY, Check (Parker Aircraft) (North American Spec 172-948036) (use 134-48071 untl exh)	1	
-26	AN6264-16D13 3/4	. HOSE ASSEMBLY	1	
-27	1-1045-76	. VALVE ASSEMBLY, Fuel check (Parker Aircraft) (intrch wth Koehler K1339-16-1)	1	
-28	MS29512-16	. GASKET	1	
-29	151-48025	. ADAPTER, Fuel boost pump outlet	1	
	3585-6CNX 9/16	. . INSERT, (Heli-Coil)	1	
-30	140-48098-3	. STUD, Fuselage fuel cell hanger	2	
-31	TF31400-3	PUMP ASSEMBLY, Submerged booster (Thompson Prod.) (see fig. 454)	Ref	

*1 Intrch wth AN74-5 bolts and (2) AN960D416 washers.
*2 These parts are used on 134-48071 assembly only.

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

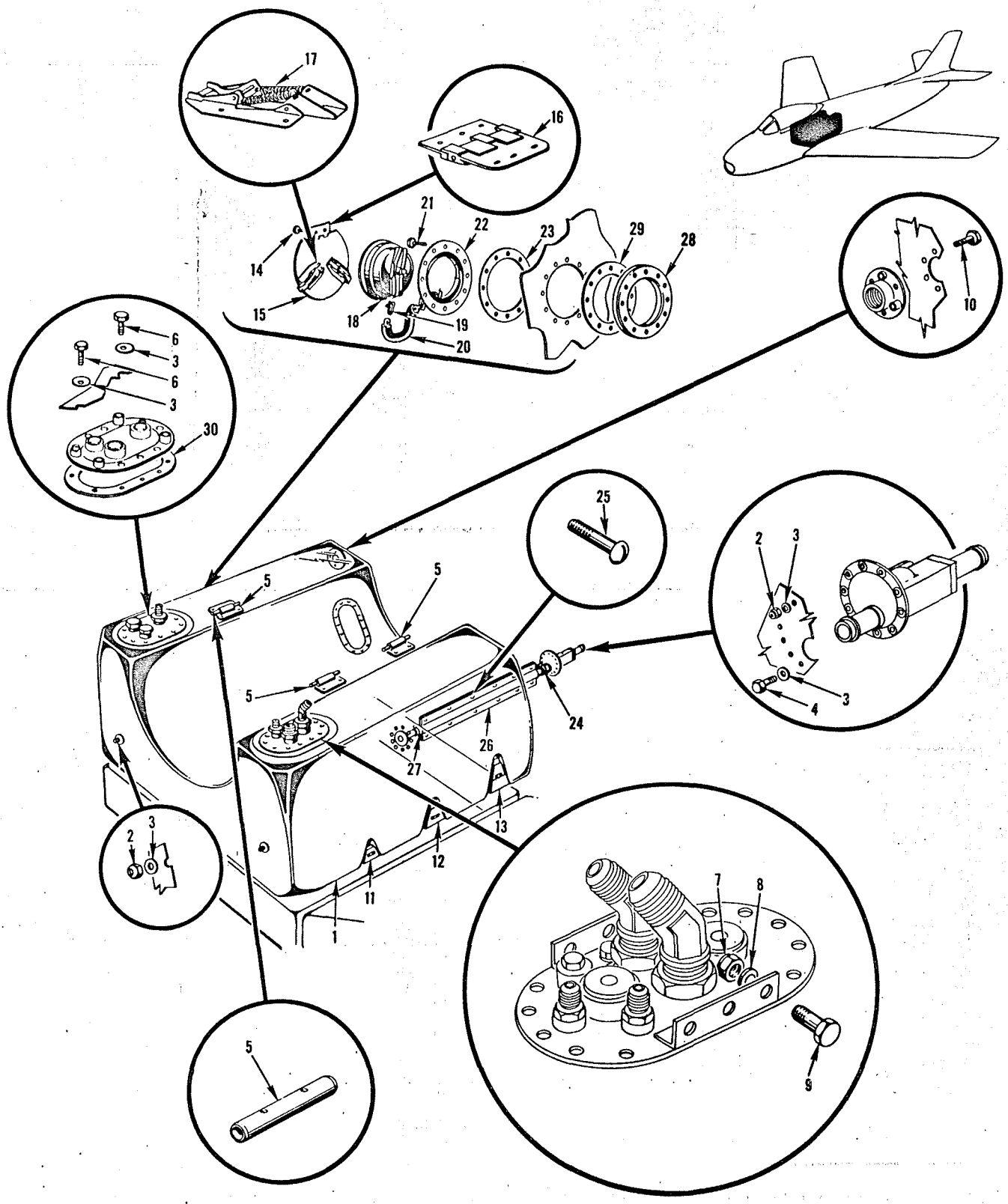


FIGURE 456 - FORWARD FUSELAGE FUEL CELL AND ACCESSORIES

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
456	No Number		FUSELAGE FORWARD FUEL CELL AND ACCESSORIES, (see figure 449 for next assembly)	NP	
-1	172-48052-11	*2,*3.	CELL ASSEMBLY, Forward fuselage fuel complete (see figure 457 for breakdown)	1	C
	172-48052-21	*1,*2.	CELL ASSEMBLY, Forward fuselage fuel complete (see figure 457 for breakdown)	1	
	ATTACHING PARTS				
-2	AN365-428	.	NUT	4	
-3	2W14	.	WASHER, Eccentric (North American) (use 82-11615 until exh)	10	
-4	AN4H10A	.	BOLT	2	
-5	117-48116	.	TUBE, Fuselage fuel cell tie-down	3	
-6	AN4H13A	*1,*3 .	BOLT	4	C
	AN4H15A	*1,*2 .	BOLT	4	
-7	AN365-1032	.	NUT	4	
-8	AN960D10L	.	WASHER	4	
-9	AN3-4A	.	BOLT	4	
-10	AN4H7A	.	BOLT, (left side)	3	
	AN4H7A	.	BOLT, (right side)	3	
	---*---				
-11	172-48097	.	BLOCK, Forward fuselage fuel cell sta 144.625 frame filler	2	
-12	172-48098	.	BLOCK, Forward fuselage fuel cell sta 155.750 frame filler	2	
-13	172-48099	.	BLOCK, Forward fuselage fuel cell sta 166.875 frame filler	2	
-14	AN509-10R11	.	SCREW	2	
-15	151-48061-11	.	DOOR ASSEMBLY, Forward fuselage fuel cell filler	1	
-16	151-48074	.	. HINGE ASSY, Forward fuselage fuel cell filler door	1	
-17	H5000-.091-.218	.	. LATCH ASSEMBLY, Fuel cell door (Hartwell)	2	
-18	202-48142	.	CAP ASSEMBLY, Feul cells filler (altered from 39B5435) (use 151-48142-51 until exh)	1	
-19	39AH240	.	HOOK, Tank filler cap chain	1	
-20	172-48831-154	.	LINE, Fuel cell filler cap retainer chain	1	
-21	AN74-4	*1,*3 .	BOLT	12	C
	AN74-11	*1,*2 .	BOLT	12	
-22	170-48166-11	.	ADAPTER ASSEMBLY, Fuselage fuel filler cap	1	
	170-48166-7	.	. ADAPTER ASSEMBLY, Fuselage fuel filler cap (altered from 10150) (Universal Metal)	1	
-23	117-48142-11	.	GASKET, Wing fuel cell filler adapter	1	
-24	AN737TW56	.	CLAMP	2	
-25	AN520-10R8	.	SCREW	14	
-26	151-31274	.	COVER, Fuselage sta 182 1/2 to 206 7/8 fuel hose	1	A
	151-31274-10	.	COVER, Fuselage sta 182 1/2 to 206 7/8 fuel hose	1	B
-27	172-48831-135	.	LINE, Rear fuselage cell to center wing cell interconnector fuel	1	
-28	227-48151	*1,*2 .	RING, Fuel sys fwd fus cell filler fitting spacer	1	
-29	117-48142	*1,*2 .	GASKET, Wing fuel cell filler adapter	1	
-30	227-48154	*1,*2 .	SEAL, Fuel sys fwd fus fuel cell vent fitting bay, assy of	1	

*1 172-48052-21 together with 227-48151, 227-48154, 117-48142, AN4H15A and AN74-11 supersedes 172-48052-11 together with AN4H13A and AN74-4.
*2 This configuration used on airplanes 55-3869, 55-3871 thru 55-5047 modified per T. O. 1F-86F-531.
*3 This configuration not used on airplanes 55-3869, 55-3871 thru 55-5047 modified per T. O. 1F-86F-531.

USEABLE ON CODE: A 51-2850 thru 51-2927
B 53-1072 and subs
C 51-2850 thru 55-3868 and 55-3870

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

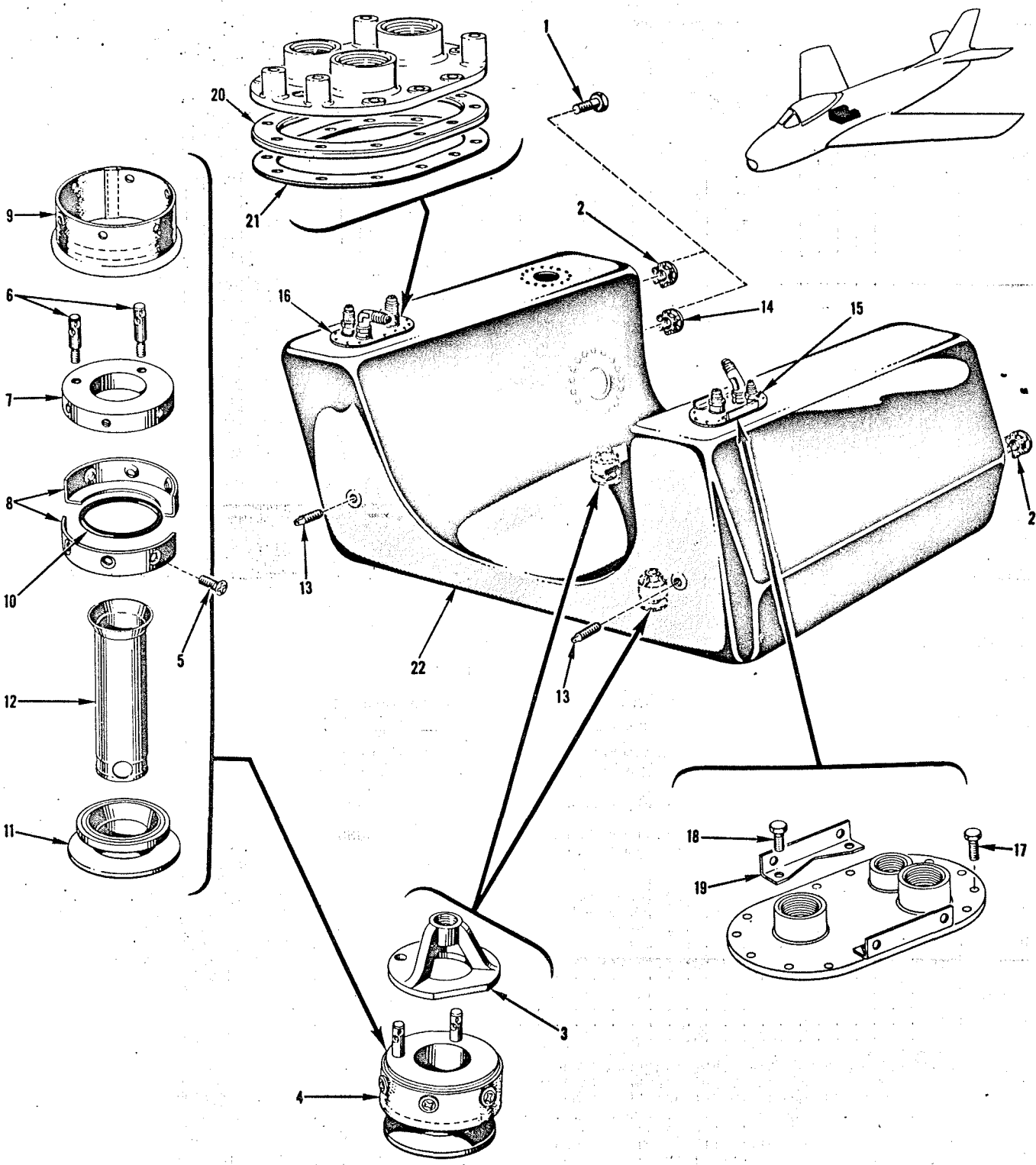


FIGURE 457 - FORWARD FUSELAGE FUEL CELL ASSEMBLY COMPLETE

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
457	172-48052-11	*1,*3	CELL ASSEMBLY, Forward fuselage fuel complete (see figure 456 for next assembly)	Ref	A
	172-48052-21	*1,*2	CELL ASSEMBLY, Forward fuselage fuel complete (see figure 456 for next assembly)	Ref	
-1	AN74-4		. BOLT	9	
-2	172-48091		. ADAPTER, Forward fuselage fuel cell center wing vent	2	
-3	151-48101-11		. SPIDER ASSEMBLY, Forward fuselage fuel cell to center wing fuel cell interconnector	2	
	RAD207SB7.5L		. . INSERT, (National Screw)	2	
	RL33SB9		. . RING, (National Screw)	2	
-4	151-48113-11		. RING ASSEMBLY, Forward fuselage fuel cell to center wing fuel cell interconnector	2	
-5	AN507-440-4		. . SCREW	6	
-6	151-48108		. . STUD, Forward fuselage fuel cell wing to center wing fuel cell interconnector sealing ring	2	
-7	151-48102		. . RING, Forward fuselage fuel cell wing to center wing fuel cell interconnector seal	2	
-8	151-48104		. . SHELL, Forward fuselage fuel cell wing to center wing fuel cell interconnector retainer	4	
-9	151-48118		. . COVER ASSEMBLY, Fuel cell interconnector duct	2	
	151-48119		. . . SPRING, Tension	1	
-10	MS29513-225		. . GASKET	1	
-11	151-48103		. . RING, Forward fuselage fuel cell wing to center wing fuel cell interconnector aligning	1	
-12	151-48176-5		. . TUBE, Fuel cell interconnector guide	1	
-13	140-48098-3		. STUD, Fuselage fuel cell hanger (forward)	2	
-14	172-48058		. ADAPTER ASSEMBLY, Center wing to forward fuselage fuel cell vent	1	
-15	172-48178		. ADAPTER ASSEMBLY, Forward fuselage fuel cell vent and fuel level control valve (see figure 453 for breakdown)	1	
-16	151-48078-31		. ADAPTER ASSEMBLY, Forward fuselage fuel cell vent and fuel level control valve (see figure 453 for breakdown)	1	
	ATTACHING PARTS				
-17	AN74-4		. BOLT, (RH side)	8	
	AN74-4		. BOLT, (LH side) (intrch wth AN74-5 bolts and one (1) AN960D416 washer)	12	
-18	AN74-5		. BOLT, (LH side)	4	
-19	172-48144		. SUPPORT, Forward fuselage fuel cell level control valve outboard	2	
		---*---			
-20	227-48152	*2	. SPACER, Fuel sys fwd fus fuel cell vent fitting (used on 172-48052-21 only)	1	
-21	227-48153	*2	. GASKET, Fuel sys fwd fus fuel cell vent fitting spacer (used on 172-48052-21 only)	1	
-22	172-48032-101		. CELL ASSEMBLY, Forward fus fuel (use 172-48032-11 until exh)	1	
	FCC17828		. . FITTING, (U.S. Rubber)	1	
	FCC18682		. . FITTING, (U.S. Rubber)	2	
	172-48032-9		. . DOOR, Access (similar to U.S. Rubber FCC19772)	1	

*1 172-48052-21 together with 227-48151, 227-48154, 117-48142, AN4H15A and AN74-11 supersedes 172-48052-11 together with AN4H13A and AN74-4.
*2 This configuration used on airplanes 55-3869, 55-3871 thru 55-5047 modified per T. O. 1F-86F-531.
*3 This configuration not used on airplanes 55-3869, 55-3871 thru 55-5047 modified per T. O. 1F-86F-531.

USEABLE ON CODE: A 51-2850 thru 55-3868 and 55-3870

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

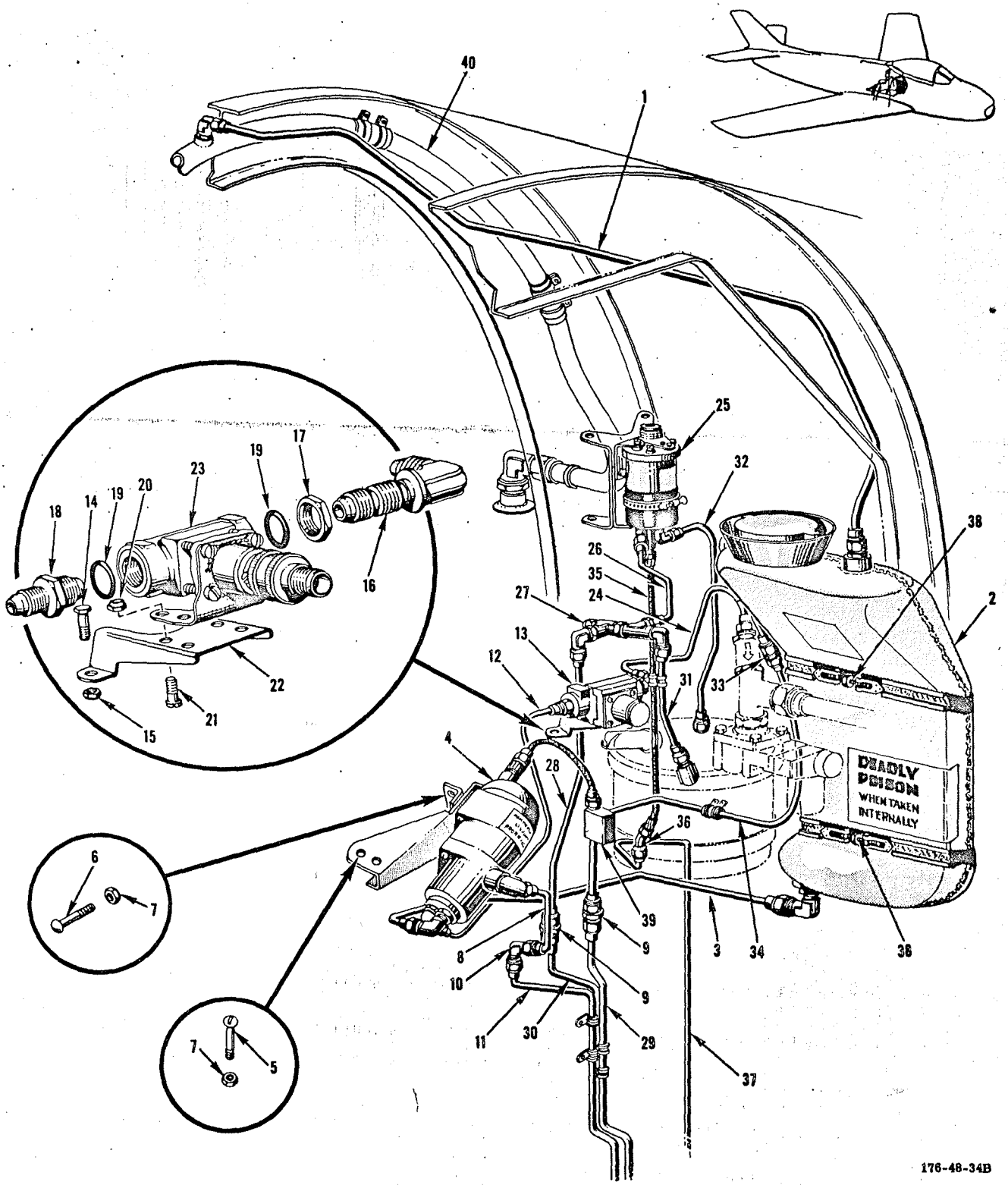


FIGURE 458 - FUEL FILTER ALCOHOL DE-ICING EQUIPMENT

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
458	172-48151	DE-ICING SYSTEM EQUIPMENT INSTALLATION, Fuel filter alcohol (see figure 449 for next assembly)	NP	A,B
-1	172-48831-312	. LINE ASSY, Fuel filter alcohol de-icing tank vent to elbow	1	A,B
-2	151-48156-101	. TANK ASSY, Fuel filter alcohol de-icing (see figure 462)	1	A
	151-48156-201	. TANK ASSY, Fuel filter alcohol de-icing (see figure 462)	1	B
-3	172-48831-308	. LINE ASSY, Fuel filter alcohol de-icing tank to pump	1	A,B
-4	172-48152	. PUMP ASSY, Fuel filter alcohol de-icing (see figure 462)	1	A,B
	ATTACHING PARTS			
-5	AN520-10R6	. SCREW	2	A,B
-6	AN520-10R7	. SCREW	2	A,B
-7	AN365-1032	. NUT	4	A,B
	---*---			
-8	172-48831-47	. LINE ASSY, Alcohol de-icing pump seal drain to floor union	1	A,B
-9	AN832-4D	. UNION	2	A,B
	AN960D716	. WASHER	2	A,B
	AN924-4D	. NUT	2	A,B
-10	AN833-4D	. ELBOW	1	A,B
	AN960D716	. WASHER	1	A,B
	AN924-4D	. NUT	1	A,B
-11	172-48831-48	. LINE ASSY, Fuel filter alcohol de-icing pump seal drain floor union to outlet	1	A,B
-12	172-48831-91	. LINE ASSY, Fuel filter alcohol de-icing pump to shut-off valve	1	A,B
-13	151-48153-11	. VALVE ASSEMBLY, Fuel filter alcohol de-icing shut-off (use 151-48153 until exh)	1	A,B
	ATTACHING PARTS			
-14	AN520-10R7	. SCREW	2	A,B
-15	AN365-1032	. NUT	2	A,B
	---*---			
-16	AN833-8D	. . ELBOW	1	A,B
-17	AN924-8D	. . NUT	1	A,B
-18	AN919-10D	. . REDUCER	1	A,B
-19	MS29512-8	. . GASKET	2	A,B
-20	AN365-1032	. . NUT	4	A,B
-21	AN520B10R7	. . SCREW	4	A,B
-22	151-48160	. . BRACKET, Fuel filter alcohol de-icing shut-off valve	1	A,B
-23	40R855C	. . VALVE ASSEMBLY, Electro-magnetic shut-off type AVI (General Controls)	1	A,B
-24	172-48831-41	. LINE ASSEMBLY, Alcohol de-icing shut-off valve to check valve	1	A,B
-25	151-48154	. SWITCH ASSY, Fuel filter alcohol de-icing pressure differential (see figure 463 for breakdown and attaching parts)	1	C
	151-48154-31	. SWITCH ASSY, Fuel filter alcohol de-icing pressure differential (see figure 463 for breakdown and attaching parts)	1	D
-26	172-48831-43	. LINE ASSEMBLY, Fuel filter alcohol de-icing pressure differential switch to relief valve tee	1	A,B
-27	172-48163-11	. VALVE ASSEMBLY, Fuel filter alcohol de-icing system thermal relief (see figure 452 for breakdown) (whn exh use 172-48163)	1	A,B
-28	172-48831-45	. LINE ASSY, Fuel filter alcohol de-icing system relief valve drain to floor union	1	A,B
-29	172-48831-50	. LINE ASSY, Fuel filter alcohol de-icing tank scupper cup drain floor union to outlet	1	A,B
-30	172-48831-46	. LINE ASSY, Fuel filter alcohol de-icing system relief valve drain floor union to outlet	1	A,B
-31	172-48831-44	. LINE ASSY, Fuel filter alcohol de-icing system relief valve tee to filter inlet	1	A,B
-32	172-48831-42	. LINE ASSY, Fuel filter alcohol de-icing pressure differential switch to filter outlet	1	A,B
-33	AN919-6D	. REDUCER	1	A,B
-34	172-48831-309	. LINE ASSEMBLY, Fuel filter alcohol de-icing tank scupper cup drain to floor union	1	A,B
-35	3H3-6-176	. HOSE ASSEMBLY, Plastic covered (North American)	1	A,B,*1
-36	AN837-6D	. ELBOW	1	A,B,*1
	AN924-6D	. NUT	1	A,B,*1
	2W18-916	. WASHER, Flat (North American)	1	A,B
-37	172-48831-318	. LINE ASSY, Fuel filter alcohol de-icing pressure switch boot floor drain to outlet	1	D
-38	NAS27-3-20	. TURNBUCKLE, Tank strap	2	A,B
-39	B110L	FILTER ASSY, Radio noise (Potter) (see figure 462)	Ref	
-40	172-48857	LINE ASSY, Main fuel vent (see figure 449)	Ref	

*1 Use 3H3-6-176 together with AN837-6D until exh, whn exh use 172-48831-317 together with AN833-6D.

USEABLE ON CODE:
A 51-2850 thru 51-2927
B 51-2928 thru 52-5063, 52-5272 thru 52-5386
C 51-2850 thru 51-13226, 52-4305 thru 52-4404
D 51-13227 thru 51-13510, 52-4405 thru 52-5063, 52-5272 thru 52-5386.

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

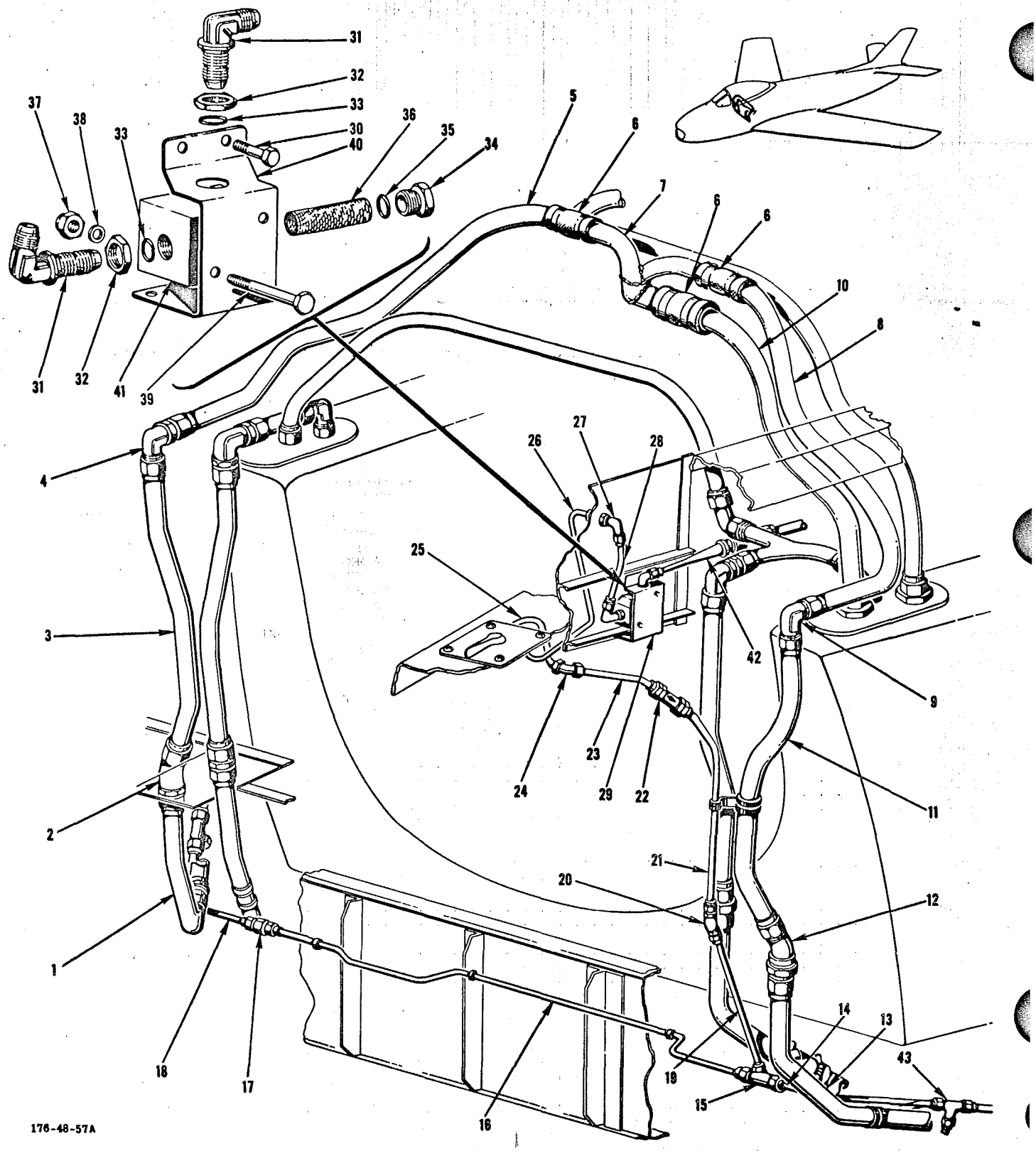


FIGURE 459 - DROPPABLE FUEL TANK FUSELAGE PRESSURIZATION EQUIPMENT

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
459	172-48203-51		FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank fuselage (see figure 449 for next assembly)	NP	A
-1	172-48831-306	.	LINE ASSEMBLY, Drop tank to forward fuselage cell 3rd section RH fuel	1	A
-2	AN837-20D	.	ELBOW	1	A
	AN924-20D	.	NUT	1	A
	AN960D2616	.	WASHER	1	A
-3	172-48831-14	.	LINE ASSEMBLY, Drop tank to forward fuselage cell 4th section to RH fuel	1	A
-4	AN833-20D	.	ELBOW	1	A
	AN924-20D	.	NUT	1	A
	AN960D2616	.	WASHER	1	A
-5	172-48831-89	.	LINE ASSY, RH drop tank four-way check valve to bhd	1	A
-6	3H2-20-15	.	HOSE (North American)	3	A
	AN737TW58	.	CLAMP	6	A
-7	172-48872	.	LINE ASSEMBLY, Drop tank fuel line junction tee	1	A
-8	172-48831-15	.	LINE ASSEMBLY, Drop tank four-way check valve to bulkhead	1	A
-9	AN833-20D	.	ELBOW	1	A
	AN924-20D	.	NUT	1	A
	AN960D2616	.	WASHER	1	A
-10	172-48831-99	.	LINE ASSEMBLY, Drop fuel tank fuel line junction tee to fuel level control valve	1	A
-11	172-48831-13	.	LINE ASSEMBLY, Drop tank to forward fuselage cell 4th section LH fuel	1	A
-12	AN837-20D	.	ELBOW	1	A
	AN924-20D	.	NUT	1	A
	AN960D2616	.	WASHER	1	A
-13	172-48831-305	.	LINE ASSEMBLY, Drop tank to forward fuselage cell 3rd section LH fuel	1	A
-14	172-48831-9	.	LINE ASSEMBLY, Drop tank pressure tee to tee	1	A
-15	172-48212	.	FITTING, Drop fuel tank air pressure line orifice	1	A
-16	172-48831-8	.	LINE ASSEMBLY, Drop tank pressure tee to union	1	A
-17	AN815-6D	.	UNION	1	A
-18	172-48831-10	.	LINE ASSEMBLY, Drop tank pressure union to tee	1	A
-19	172-48831-7	.	LINE ASSEMBLY, Drop tank pressure gun bay floor elbow to tee	1	A
-20	AN837-6D	.	ELBOW	1	A
	AN924-6D	.	NUT	1	A
	AN960D916	.	WASHER	1	A
-21	172-48831-86	.	LINE ASSEMBLY, Check valve to gun bay floor drop fuel tank air pressure	1	A
-22	869A6TT	.	CHECK VALVE, (James-Pond-Clark) (use Parker Aircraft 10-1744-75 until exh)	1	A
-23	172-48831-85	.	LINE ASSY, Drop tank press. web elbow to gun bay floor elbow.	1	A
-24	AN837-6D	.	ELBOW	1	A
	AN924-6D	.	NUT	1	A
	AN960D916	.	WASHER	2	A
	2W1V36-33-64	.	WASHER, Plain (North American)	1	A
-25	172-48831-5	.	LINE ASSEMBLY, Drop tank pressure shut-off valve to pressure web elbow	1	A
-26	172-48831-4	.	LINE ASSEMBLY, Drop tank pressure web elbow to shut-off valve	1	A
-27	AN837-6D	.	ELBOW	1	A
	AN924-6D	.	NUT	1	A
	AN960D916	.	WASHER	1	A
-28	172-48831-3	.	LINE ASSEMBLY, Drop tank pressure regulator to pressure web elbow	1	A
-29	172-48220	.	FILTER ASSEMBLY, Drop fuel tanks air pressure line	1	A
	ATTACHING PARTS				
-30	AN3-5A	.	BOLT	2	A
	AN3-4A	.	BOLT	1	A
	AN520-10R8	.	SCREW	1	A
	---*---				
-31	AN833-6D	. .	ELBOW	2	A
-32	AN924-6D	. .	NUT	2	A
-33	934-89	. .	PACKING	2	A
-34	172-48221	. .	RETAINER, Drop fuel tanks air pressure line filter	1	A
-35	934-107	. .	PACKING	1	A
-36	172-48218	. .	SCREEN, Drop fuel tank air pressure line filter	1	A
-37	AN365-1032	. .	NUT	2	A
-38	AN960D10L	. .	WASHER	2	A
-39	AN3-17A	. .	BOLT	2	A
-40	172-48217	. .	BRACKET, Drop fuel tank air pressure line filter	1	A
-41	172-48219	. .	BODY, Drop fuel tank air pressure line filter	1	A
-42	170-48854	.	LINE ASSEMBLY, Drop fuel tank pressure supply to pressure regulator (use 170-48854-31 until exh)	1	A
	AN931-10S14	.	GROMMET	1	A
-43	AN826-6D		TEE, (see figure 40)	Ref	

USEABLE ON CODE: A 51-2850 thru 51-13169

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

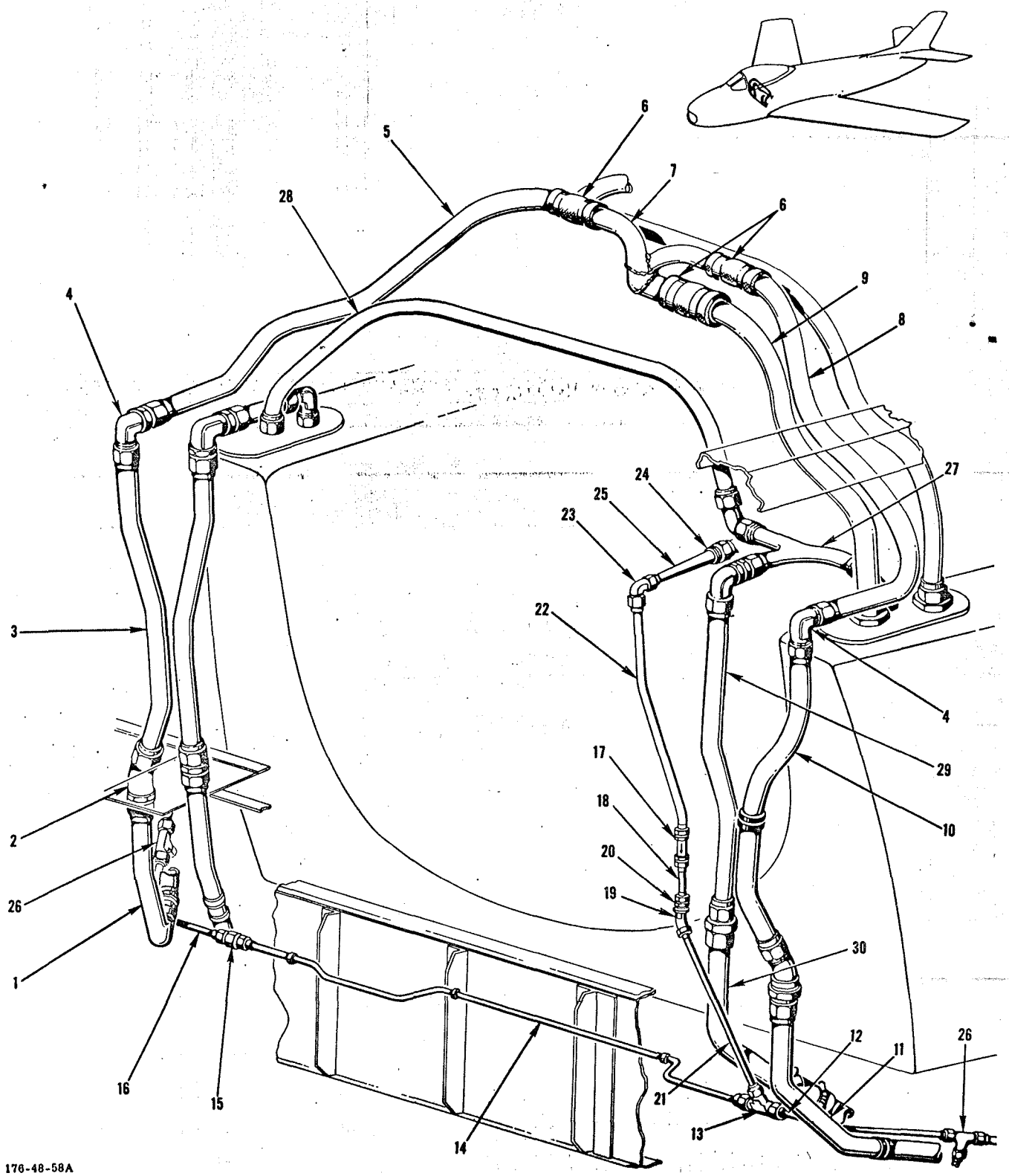


FIGURE 460 - FUEL AND PRESSURE EQUIPMENT FUSELAGE DROP TANK

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
460	176-48203	FUEL AND PRESSURE EQUIPMENT INSTALLATION, Drop tank fuselage (see figure 449 for next assembly)	NP	A
-1	172-48831-306	. LINE ASSEMBLY, Drop tank to forward fuselage cell 3rd section RH fuel	1	A
-2	AN837-20D	. ELBOW	2	A
	AN924-20D	. NUT	2	A
	AN960D2616	. WASHER	2	A
-3	172-48831-14	. LINE ASSEMBLY, Drop fuel tank to forward fuselage cell 4th section to RH fuel	1	A
-4	AN833-20D	. ELBOW	2	A
	AN924-20D	. NUT	2	A
	AN960D2616	. WASHER	2	A
-5	172-48831-89	. LINE ASSEMBLY, RH drop tank four-way check valve to bulkhead	1	A
-6	3H2-20-15	. HOSE (North American)	3	A
	AN737TW58	. CLAMP	6	A
-7	172-48872	. LINE ASSY, Drop tank fuel line junction tee	1	A
-8	172-48831-15	. LINE ASSY, Drop tank four-way check valve to bulkhead	1	A
-9	172-48831-99	. LINE ASSY, Drop fuel tank fuel line junction tee to fuel level control valve	1	A
-10	172-48831-13	. LINE ASSY, Drop fuel tank to forward fuselage cell 4th section LH fuel	1	A
-11	172-48831-320	. LINE ASSY, Drop tank to forward fuselage cell 3rd section LH fuel	1	A
-12	172-48831-9	. LINE ASSY, Drop tank pressure tee to tee	1	A
-13	AN824-6D	. TEE	1	A
-14	172-48831-8	. LINE ASSY, Drop tank pressure tee to union	1	A
-15	AN815-6D	. UNION	1	A
-16	172-48831-10	. LINE ASSY, Drop tank pressure union to tee	1	A
-17	869A6TT	. VALVE ASSY, Check (James-Pond-Clark)	1	A
-18	172-48831-316	. LINE ASSY, Drop tank fuel check valve to gun bay floor air pressure	1	A
-19	AN837-6D	. ELBOW	1	A
-20	AN924-6D	. NUT	1	A
-21	172-48831-7	. LINE ASSY, Drop tank pressure gun bay floor elbow to tee	1	A
-22	172-48831-311	. LINE ASSY, Drop fuel tank elbow to main air pressure shut-off valve	1	A
-23	AN821-6D	. ELBOW	1	A
-24	AN931-10S14	. GROMMET	1	A
-25	170-48854-31	. LINE ASSY, Drop fuel tank pressure supply to pressure regulator	1	A
-26	AN824-6D	TEE (see figure 41)	Ref	
-27	172-48854	LINE ASSY, Outer wing fuel cell vent fuselage station 126 to forward fuselage cell (see figure 445)	Ref	
-28	172-48831-88	LINE ASSY, Forward fuselage cell cross-over vent (see figure 449)	Ref	
-29	172-48831-307	LINE ASSY, Outer wing cell to forward fuselage cell forward interconnector bulkhead to gun bay floor LH (see figure 449)	Ref	
-30	172-48831-303	LINE ASSY, Outer wing cell to forward fuselage cell forward interconnector hose to gun bay floor climb vent LH (see figure 449)	Ref	

USEABLE ON CODE: A 51-13170 and subs

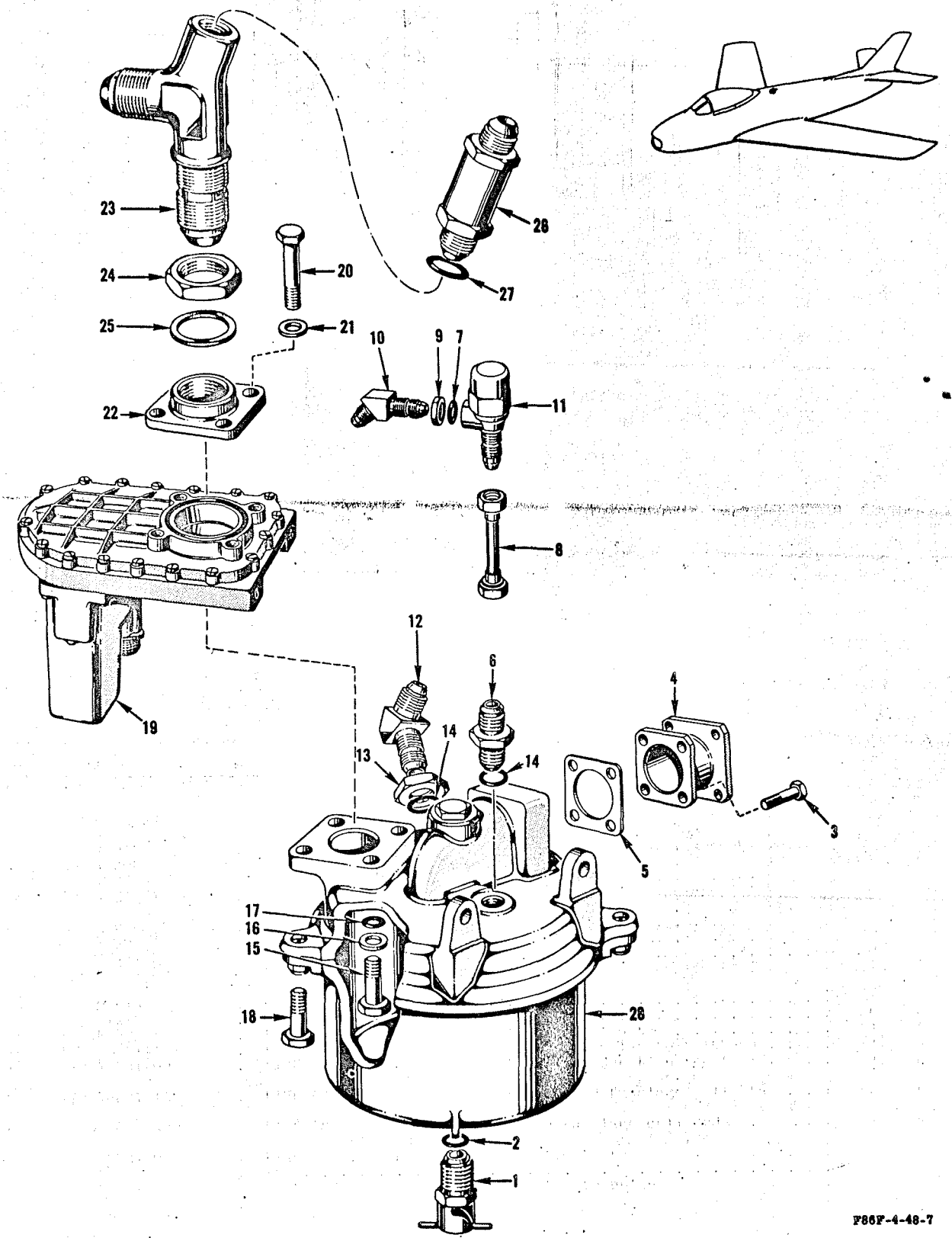


FIGURE 461 - FUEL SYSTEM FILTER ASSEMBLY

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
461	172-48067-51	FILTER ASSEMBLY, Fuel system (see figure 450 for next assembly)	Ref	A
	172-48067-71	FILTER ASSEMBLY, Fuel system (see figure 450 for next assembly)	Ref	B
-1	83501-1	. DRAINCOCK, (Koehler) (intrch wth Curtis Auto CCA4300)	1	
-2	MS29512-4	. GASKET	1	
-3	AN73-3	. BOLT	4	
-4	172-48150	. ADAPTER, Fuel filter outlet	1	
-5	134-48079	. GASKET, Fuel filter outlet fitting	1	
-6	AN815-4D	. UNION	1	
-7	MS29512-4	. GASKET	1	B
-8	172-48831-321	. LINE ASSY, Fuel filter to thermal relief valve	1	B
-9	AN924-4D	. NUT	1	B
-10	172-48165	. RESTRICTOR, Fuel filter alcohol de-icing system pressure sw switch line	1	B
-11	2-2850-76	. VALVE, Overall relief (Parker Aircraft)	1	B
-12	172-48165	. RESTRICTOR, Fuel filter alcohol de-icing system pressure switch line	1	A
	AN814-4D	. PLUG	1	B
-13	AN924-4D	. NUT	1	A
-14	MS29512-4	. GASKET	2	
-15	AN5-6A	. BOLT	2	
-16	2W18-516	. WASHER, Flat (North American)	2	
-17	MS29513-11	. GASKET	2	
-18	AN5H5A	. BOLT	2	
-19	WE451-2D	. VALVE ASSEMBLY, (Whittaker) (intrch wth Hydro Aire 3224)	1	
-20	AN5H4A	. BOLT	4	
-21	2W18-516	. WASHER, Flat (North American)	4	
-22	172-48072	. ADAPTER, Fuel shut-off valve inlet	1	
-23	172-48164	. FITTING, Fuel and alcohol filter inlet	1	A
	AN833-20D	. ELBOW	1	B
-24	AN924-20D	. NUT	1	
-25	MS29512-20	. GASKET	1	
-26	869A8TT	. CHECK VALVE ASSEMBLY, Air and aircraft fuel (James-Pond-Clark)	1	A
-27	MS29512-8	. GASKET	1	A
-28	42105	. FILTER ASSEMBLY, (Koehler) (North American Spec 172-948032) (intrch wth Hydro-Aire 6756)	1	
	MS29513-262	. . GASKET, (used on Koehler 42105 filter assembly)	1	
	MS29513-261	. . GASKET, (used on Hydro-Aire 6756 filter assembly)	1	
	AN6236-2	. . FILTER ELEMENT, Hyd replaceable micronic reservoir type	1	

USEABLE ON CODE:
A 51-2850 thru 52-5063, 52-5272 thru 52-5386
B 52-5064 thru 52-5271, 52-5387 and subs

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

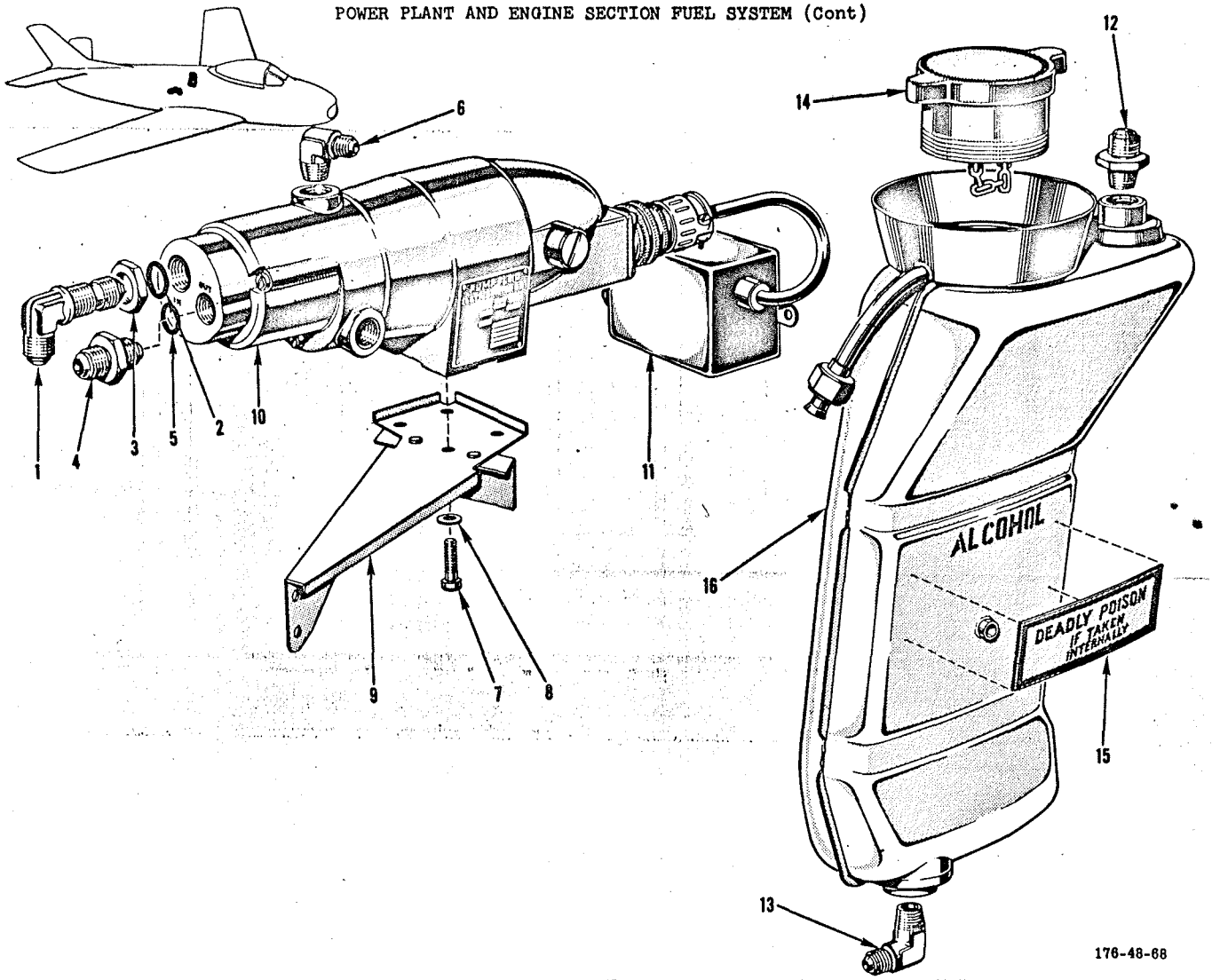


FIGURE 462 - FUEL FILTER ALCOHOL DE-ICING PUMP AND TANK ASSEMBLIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
462		FUEL FILTER ALCOHOL DE-ICING PUMP AND TANK ASSEMBLIES		
	172-48152	. PUMP ASSY, Fuel filter alcohol de-icing (see figure 458 for next assembly)	Ref	A,B
-1	AN833-6D	. . ELBOW	1	A,B
-2	MS29512-6	. . GASKET, Fuel resistant straight thread tube fitting boss (North American)	1	A,B
-3	AN924-6D	. . NUT	1	A,B
-4	AN815-4D	. . UNION	1	A,B
-5	MS29512-4	. . GASKET, Fuel resistant straight thread tube fitting boss (North American)	1	A,B
-6	AN822-4B	. . ELBOW	1	A,B
-7	AN503-416-6	. . SCREW	4	A,B
-8	AN960-416L	. . WASHER	4	A,B
-9	172-48155	. . BRACKET ASSEMBLY, Fuel filter alcohol de-icing pump	1	A,B
-10	20386-9	. . PUMP ASSEMBLY, Fuel filter alcohol de-icing (Adel)	1	A,B
-11	B110L	. . . FILTER ASSEMBLY, Radio noise (Potter) (furnished with 20386-9 pump assembly)	1	A,B
	151-48156-101	. TANK ASSEMBLY, Fuel filter alcohol de-icing (see figure 458 for next assembly) (use 151-48156 unt1 exh)	Ref	A
	151-48156-201	. TANK ASSEMBLY, Fuel filter alcohol de-icing (see figure 458 for next assembly)	Ref	B
-12	AN816-6-6B	. . NIPPLE	1	A,B
-13	AN822-6-6B	. . ELBOW	1	A,B
-14	151-48157	. . CAP ASSEMBLY, Fuel filter alcohol de-icing tank (altered from 42B3581)	1	A,B
-15	165-48853	. . DECAL, Water injection solution warning (use 146-42617 unt1 exh)	1	A,B
-16	151-48156-51	. . TANK, Fuel filter alcohol de-icing	1	A
	151-48156-71	. . TANK, Fuel filter alcohol de-icing	1	B

USEABLE ON CODE: A 51-2850 thru 51-2927
B 51-2928 thru 52-5063, 52-5272 thru 52-5386

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

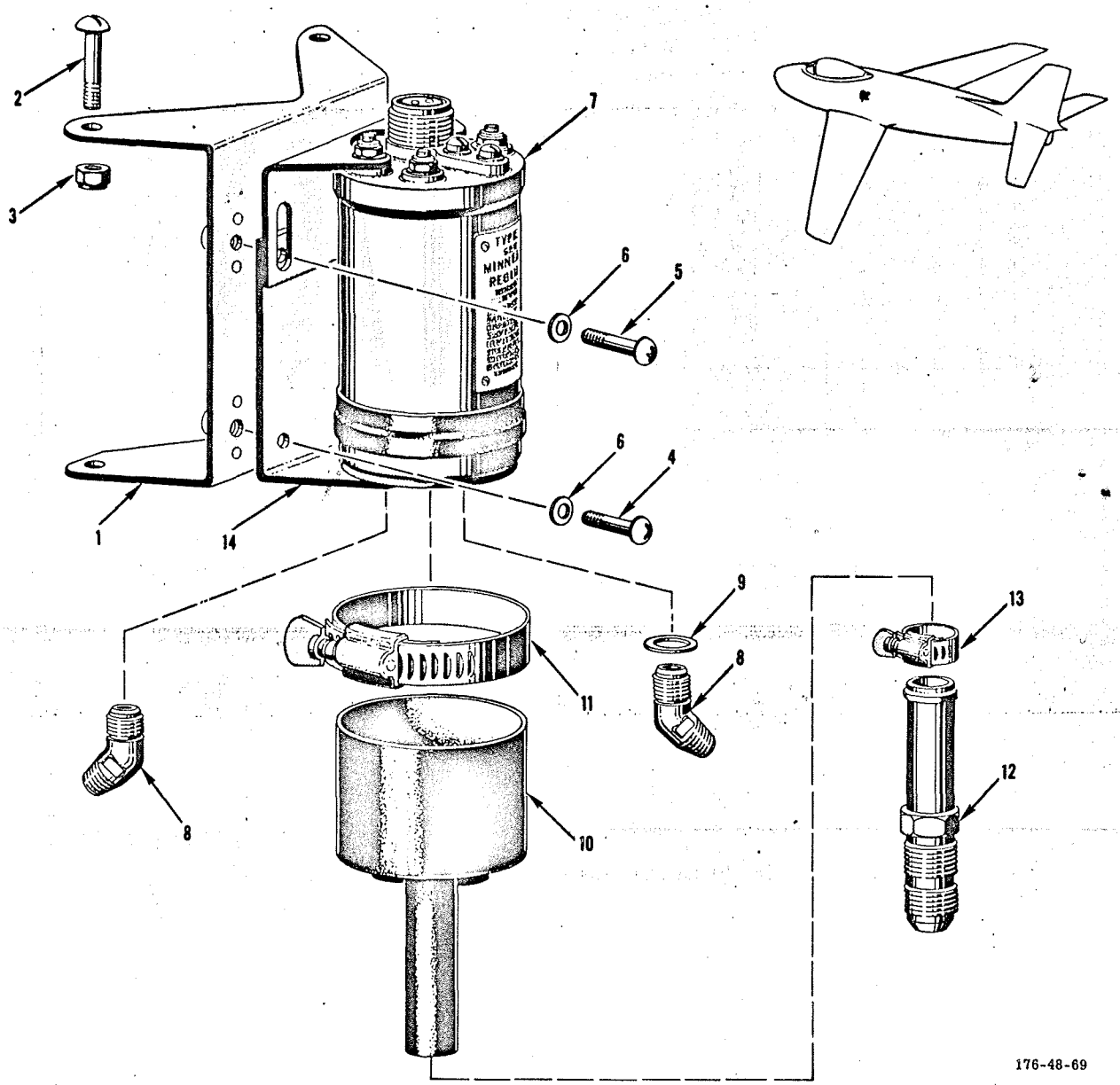


FIGURE 463 - FUEL FILTER ALCOHOL DE-ICING PRESSURE DIFFERENTIAL SWITCH ASSEMBLY AND ATTACHING PARTS

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
463	151-48154		SWITCH ASSY, Fuel filter alcohol de-icing pressure differential (see figure 458 for next assembly)	Ref	A
	151-48154-31		SWITCH ASSY, Fuel filter alcohol de-icing pressure differential (see figure 458 for next assembly)	Ref	B
			ATTACHING PARTS		
-1	172-48161		BRACKET ASSY, Fuel filter alcohol de-icing pressure differential switch	1	A,B
-2	AN520-10R6		SCREW	4	A,B
-3	AN365-1032		NUT	4	A,B
-4	AN515-8R7		SCREW	2	A,B
-5	AN515-8R8		SCREW	2	A,B
-6	AN960-8L		WASHER	4	A,B
			---*---		
-7	G20A11	.	SWITCH ASSY, Differential pressure (Minneapolis-Honeywell)	1	A,B
-8	AN823-4B	.	ELBOW	2	A,B
-9	2W18-716	.	WASHER, Flat (North American)	1	A,B
-10	191-48167	.	BOOT, Fuel filter alcohol de-icing sys press. sw drain	1	B
-11	AN737W82	.	CLAMP	1	B
-12	AN807-6D	.	ADAPTER	1	B
-13	AN737TW22	.	CLAMP	1	B
-14	This bracket which is part of the G20A11 switch assembly installation must be removed before the boot can be installed.				

USEABLE ON CODE: A 51-2850 thru 51-13226, 52-4305 thru 52-4404 B 51-13227 thru 51-13510, 52-4405 thru 52-5063, 52-5272 thru 52-5386

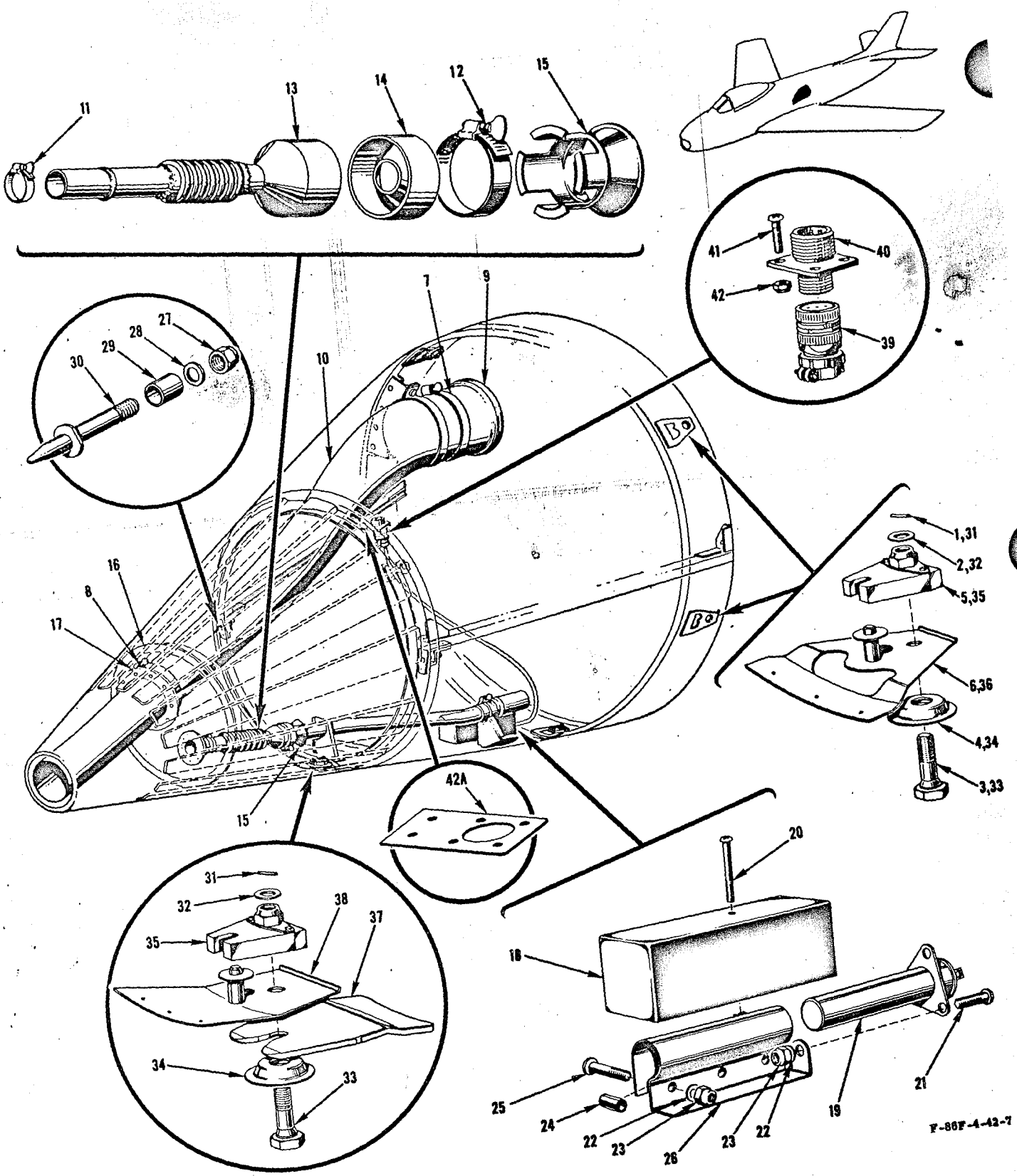


FIGURE 464 - ENGINE ACCESSORIES SECTION TWO PIECE COVER ASSEMBLY

POWER PLANT AND ENGINE SECTION FUEL SYSTEM (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
464	176-42005-3	COVER ASSY, Engine accessories section two pieces (upper) (see figure 433 for next assembly)	Ref	
-1	176-42005-67	. PIN, Engine accessory section cover retaining pin (upper)	2	
-2	2W1-17-16-32	. WASHER, (upper)	2	
-3	151-42006	. BOLT, Engine accessory cover retainer (upper)	2	
-4	151-42012	. WASHER, Engine accessory cover retainer bolt (upper)	2	
-5	151-42013	. SPACER, Engine accessory cover retainer (upper)	2	
-6	147-42063	. CLIP, Engine accessory cover bolt retainer (upper)	2	
-7	AN748-114	. CLAMP	1	
-8	AN737TW82	. CLAMP	1	
-9	151-42019	. SEAL, Generator air duct	1	
-10	176-42013	. DUCT ASSY, Starter generator cooling air	1	
	176-42005-5	COVER ASSEMBLY, Engine accessory section two pieces (lower) (see figure 433 for next assembly)	Ref	
-11	AN737TW24	. CLAMP	1	
-12	AN737TW66	. CLAMP	1	
-13	176-53339	. RECEPTACLE ASSEMBLY, Heat and vent engine accessory cover anti-icing line	1	
-14	176-53340	. SEAL, Heat and vent engine accessory cover anti-icing line	1	
-15	176-53342	. GUIDE, Heat and vent engine accessory cover anti-icing line adapter assembly	1	
-16	176-42011	. BULKHEAD ASSEMBLY, Engine accessory cover	1	
-17	176-42012	. . SEAL, Engine accessory cover bulkhead	1	
-18	227-53405	. SHIELD, Anti-ice system engine accessory cover thermoswitch assy of (use 165-53481 and -10 until exh)	1	
-19	18423-0-42	. THERMOSWITCH, Aircraft heater type (Fenwal)	1	
-20	AN515-8R20	. SCREW	1	
-21	AN520-10R7	. SCREW	1	
-22	AN960D10L	. WASHER	4	
-23	AN365-1032	. NUT	4	
-24	NAS43DD3-18	. SPACER, Screw and bolt	3	
-25	AN520-10R12	. SCREW	3	
-26	227-53404	. BRACKET ASSEMBLY, Anti-ice system engine accessor thermoswitch assy of (use 165-53479 until exh)	1	
-27	AN365-428	. NUT	2	
-28	AN960D416	. WASHER	2	
-29	NAS42DD8-32	. SPACER, Rivet	2	
-30	170-42030	. PIN, Engine accessory section cover assembly dowel	2	
-31	176-42005-67	. PIN, Engine accessory cover retainer pin (lower)	3	
-32	2W1-17-16-32	. WASHER	4	
-33	151-42006	. BOLT, Engine accessory cover retainer (lower)	4	
-34	151-42012	. WASHER, Engine accessory cover retainer bolt (lower)	4	
-35	151-42013	. SPACER, Engine accessory cover retainer(lower)	4	
-36	147-42063	. CLIP, Engine accessory cover bolt retainer (lower)	3	
-37	151-42053	. CLIP, Engine accessory section cover assembly	1	
-38	176-42005-51	. BRACKET, Engine accessories section two pieces (lower)	1	
-39	AN3057-4A	. ADAPTER	1	
-40	AN3100A10SL4P	. RECEPTACLE	1	
-41	AN515-4R6	. SCREW	4	
-42	AN365-440	. NUT	4	
-42A	176-42005-71	. BRACKET, Engine accessory receptacle attaching	1	
-43	176-53341-15	ADAPTER ASSEMBLY, Heat and vent engine accessory cover anti-icing line (see figure 433)	Ref	

POWER PACKAGE BUILD-UP

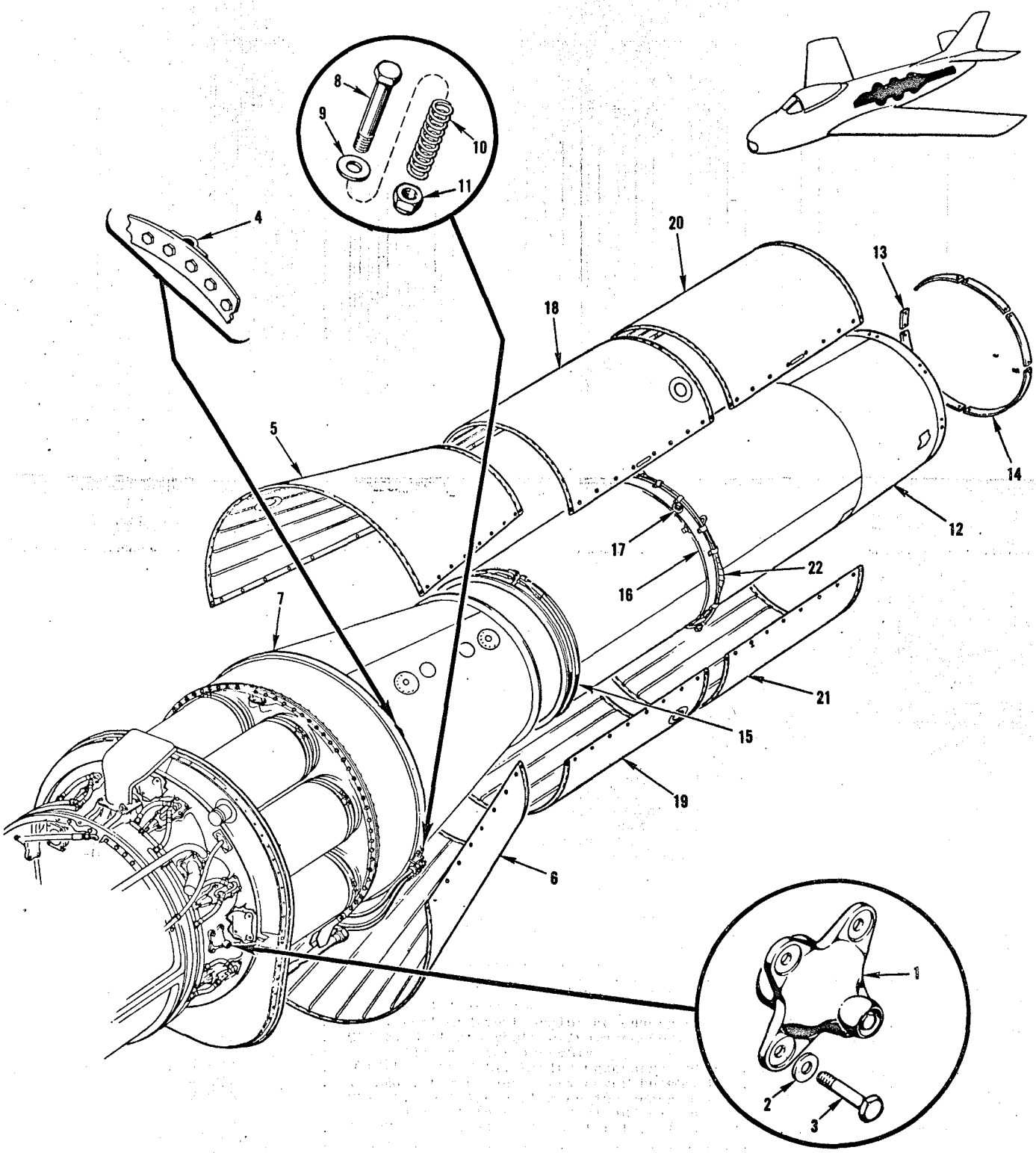


FIGURE 465 - AFT SECTION ENGINE ACCESSORIES

POWER PACKAGE BUILD-UP

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
465	176-42904		PACK UP, Engine quick change parts (when exh use 176-42901)	1	A
	176-42901		PACK UP, J47GE27 engine quick change (use 176-42904 until exh)	1	A
	176-42902		PACK UP, J47GE27 engine quick change	1	B
	176-42902-50		PACK UP, J47GE27 engine quick change	1	C
	176-42904-50		PACK UP, Engine quick change parts	1	D
	176-42904-100		PACK UP, Engine quick change parts	1	E
	176-42904-300		PACK UP, Engine quick change parts (when exh use 227-42901)	1	F
	227-42901		PACK UP, Engine quick change parts (use 176-42904-300 until exh on airplanes 53-1072 thru 53-1228 only)	1	G
	176-42001	*1	. ENGINE AND ACCESSORIES ASSY, Complete	1	A
	176-42001-100	*1	. ENGINE AND ACCESSORIES ASSY, Complete	1	B
	176-42001-250	*1	. ENGINE AND ACCESSORIES ASSY, Complete	1	C
	176-42001-50	*1	. ENGINE AND ACCESSORIES ASSY, Complete	1	D
	176-42001-200	*1	. ENGINE AND ACCESSORIES ASSY, Complete	1	E
	176-42001-300	*2	. ENGINE AND ACCESSORIES ASSY, Complete	1	F
	No Number		. . INTER SECT ENG ACCESSORIES (see fig. 467 for bkdn)	NP	
	No Number		. . INTER SECT ENG ACCESSORIES (Cont) (see fig. 468 for bkdn)	NP	
	No Number		. . INTER SECT ENG ACCESSORIES (Cont) (see fig. 469 for bkdn)	NP	
	No Number		. . FWD SECTION ENGINE ACCESSORIES AND AIR LEAKAGE DUCT (see fig. 470 for bkdn)	NP	
-1	172-42051		. . FITTING ASSY, Eng main trunnion LH (see fig. 434)	1	
	172-42052		. . FITTING ASSY, Eng main trunnion RH (see fig. 434)	1	
-2	AN960-816		. . WASHER	8	
-3	AN8H7A		. . BOLT	8	
-4	151-42121		. . BRACKET, Engine tail cone blanket attaching	8	
-5	13-21204-2	*3	. . BLANKET ASSY, Tail cone upper (Thompson, H. I.)	1	
	4-51751-14	*3	. . BLANKET ASSY, Tail cone upper (Foster)	1	
	BL10038-14	*3	. . BLANKET ASSY, Tail cone upper (Johns-Manville)	1	
-6	13-21204-4	*4	. . BLANKET ASSY, Tail cone lower (Thompson, H. I.)	1	
	4-51751-16	*4	. . BLANKET ASSY, Tail cone lower (Foster)	1	
	BL10038-16	*4	. . BLANKET ASSY, Tail cone lower (Johns-Manville)	1	
-7	176-42025-3		. . RING ASSY, Engine aft turbine flange gas diffuser (upper)	1	
	176-42025-5		. . RING ASSY, Engine aft turbine flange gas diffuser (lower)	1	
-8	5B18C22A		. . BOLT, 1/4-28 corrosion resistant (North American)	4	
-9	2W1C17-18-32		. . WASHER, Plain (North American)	12	
-10	146-34352		. . SPRING, Compression	4	
-11	AN363C428		. . NUT	4	
-12	191-42100	*5	. . TAIL PIPE ASSY, Engine exhaust (whn exh use 202-42100)	1	H
	202-42100		. . TAIL PIPE ASSY, Engine exhaust (use 191-42100 until exh)	1	H
-13	161-42111		. . . RESTRICTOR, Engine exhaust nozzle 22 1/2	1	H
-14	161-42112		. . . RESTRICTOR, Engine exhaust nozzle 45°	6	H
	0428AG10		. . . NUT, High temperature (Delron)	14	H
	AN526C428-12	*6	. . . SCREW	14	H
	7S14-428-12A	*7	. . . SCREW, Round head corrosion resistant (North American)	1	H
-15	51823	*6	. . . COUPLING ASSY, V band type tail pipe joint (Marman)	1	H
	H046000000	*7	. . . SKIRT AND FLANGE ASSY, Tail pipe exhaust (Solar)	1	H
-16	202-42100-15	*7	. . . BAND, Engine exhaust rail pipe	1	H
-17	191-42014		. . . ADAPTER, Engine tail pipe thermocouple	4	H
-18	44-21181-6	*8	. . BLANKET ASSY, Tail pipe forward upper (Thompson, H. I.)	1	
	4-51751-6	*8	. . BLANKET ASSY, Tail pipe forward upper (Foster)	1	
	BL10038-6	*8	. . BLANKET ASSY, Tail pipe forward upper (Johns-Manville)	1	
-19	44-21181-8	*9	. . BLANKET ASSY, Tail pipe forward lower (Thompson, H. I.)	1	
	4-51751-8	*9	. . BLANKET ASSY, Tail pipe forward lower (Foster)	1	
	BL10038-8	*9	. . BLANKET ASSY, Tail pipe forward lower (Johns-Manville)	1	
-20	44-21181-10	*10	. . BLANKET ASSY, Tail pipe aft upper (Thompson, H. I.)	1	
	4-51751-10	*10	. . BLANKET ASSY, Tail pipe aft upper (Foster)	1	
	BL10038-10	*10	. . BLANKET ASSY, Tail pipe aft upper (Johns-Manville)	1	
-21	44-21181-12	*11	. . BLANKET ASSY, Tail pipe aft lower (Thompson, H. I.)	1	
	4-51751-12	*11	. . BLANKET ASSY, Tail pipe aft lower (Foster)	1	
	BL10038-12	*11	. . BLANKET ASSY, Tail pipe aft lower (Johns-Manville)	1	
-22	172-51078		. . THERMOCOUPLE INSTL, Eng exh temp (whn exh use 191-51078) (see fig. 466 for bkdn)	NP	
	191-51078		. . THERMOCOUPLE INSTL, Eng exh temp (use 172-51078 until exh) (see fig. 466 for bkdn)	NP	

*1 Less all GFAE
*2 Less all GFAE except those listed
*3 Interchangeable assemblies
*4 Interchangeable assemblies
*5 151-42102-200 & -300 that have been reworked per T. O. 1F-86F-26 will be reidentified as 191-42100.
*6 Used on 191-42100
*7 Used on 202-42100
*8 Interchangeable assemblies
*9 Interchangeable assemblies
*10 Interchangeable assemblies
*11 Interchangeable assemblies

USEABLE ON CODE:
A 51-2850 thru 51-13109
B 51-13110 thru 51-13397
C 51-13398 thru 51-13510
D 52-4305 thru 52-4904, 52-5272 thru 52-5446
E 52-4905 thru 52-5271, 52-5447 thru 52-5530
F 53-1072 thru 53-1228
G 53-1072 and subs
H 51-2850 thru 53-1228

POWER PACKAGE BUILD-UP (Cont)

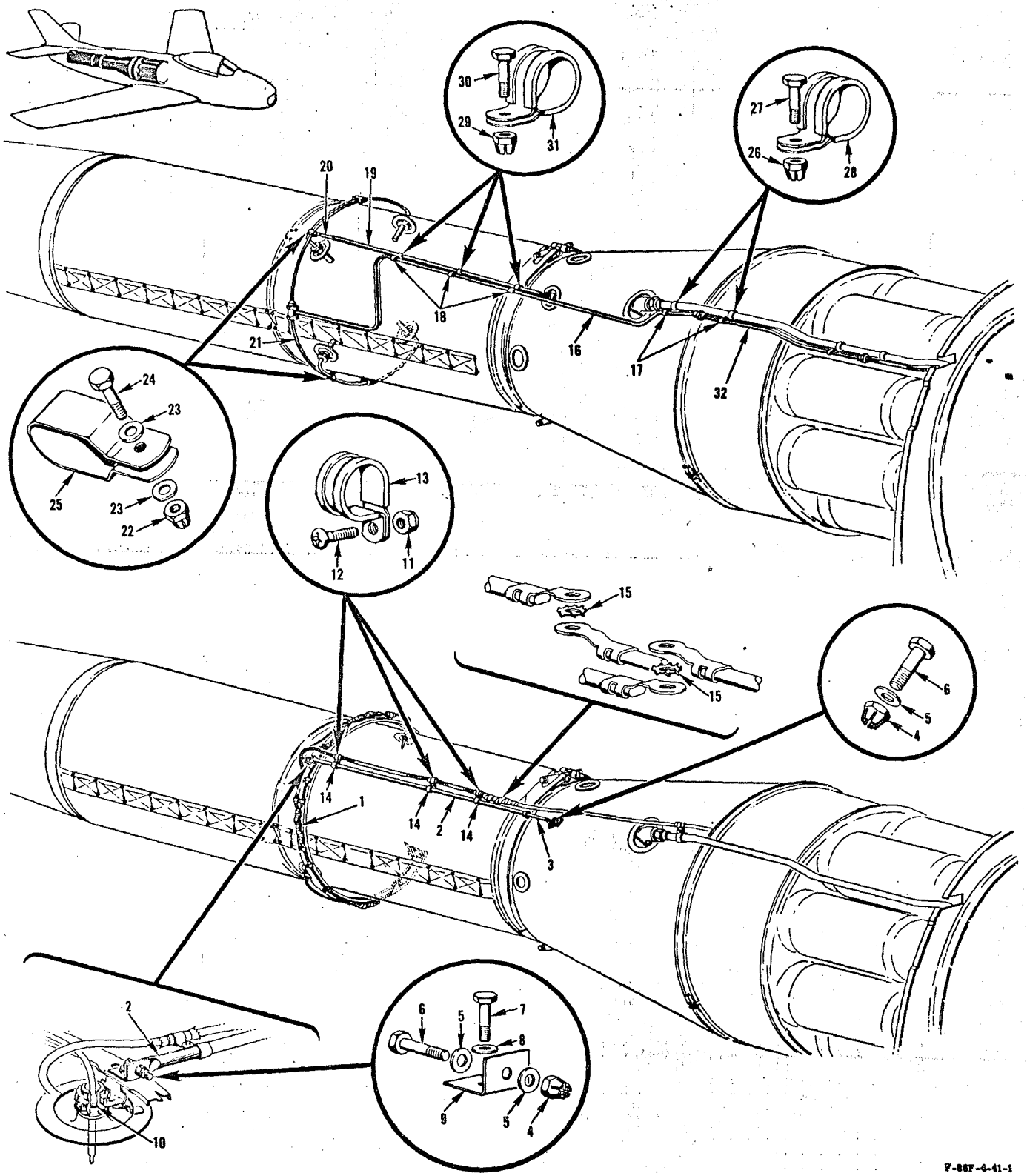


FIGURE 466 - ENGINE EXHAUST TEMPERATURE THERMOCOUPLES

POWER PACKAGE BUILD-UP (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
466			ENGINE EXHAUST TEMPERATURE THERMOCOUPLES		
	172-51078		. THERMOCOUPLE INSTALLATION, Engine exhaust temperature . . . . (when exh use 191-51078) (see fig. 465 for next assy)	NP	A
-1	8947998GR2		. . HARNESS ASSY, Exhaust temperature thermocouple . . . . . (General Electric) (GFAE) (Spec 7025E34-2)	1	A
-2	151-51079		. . TUBE ASSY, Exhaust temperature thermocouple lead support .	1	A
	1F3C52		. . . FILLER, Tube (North American)	1	A
-3	151-51080		. . TUBE, Exhaust temperature thermocouple lead support . . .	1	A
-4	Z1200-02		. . NUT, (General Electric) (GFAE)	2	A
-5	AN960C10	*1	. . WASHER, (GFAE)	4	A
-6	AN3C5A	*1	. . BOLT, (GFAE)	2	A
-7	AN3C5A	*1	. . BOLT, (GFAE)	1	A
-8	AN960C10	*1	. . WASHER, (GFAE)	2	A
-9	151-51081		. . BRACKET, Exhaust temperature thermocouple lead support . .	1	A
-10	8481552		. . BUSHING, Exhaust temperature thermocouple . . . . . (General Electric) (GFAE)	4	A
-11	AN365-832		. . NUT	3	A
-12	AN515-8R8		. . SCREW	3	A
-13	AN742-5		. . CLAMP	3	A
-14	AN742-6		. . CLAMP	3	A
-15	AN936B4		. . WASHER	2	A
	191-51078		. THERMOCOUPLE INSTALLATION, Engine exhaust temperature . . . . (use 172-51078 untl exh) (see fig. 412A for next assy)	NP	A
-16	9890473G2		. . THERMOCOUPLE, Engine exhaust temperature . . . . . (General Electric) (GFAE) (Spec 326C183-2)	1	A
-17	9892014		. . CLAMP, (General Electric) (GFAE)	2	A
-18	9892016		. . CLAMP, (General Electric) (GFAE)	3	A
-19	151-51079		. . TUBE ASSY, Exhaust temperature thermocouple lead . . . . . support	1	A
	1F3C5S		. . . FILLER, Tube (North American)	1	A
-20	151-51080		. . TUBE, Exhaust temperature thermocouple lead support . . .	1	A
-21	9888683		. . THERMOCOUPLE, Engine exhaust temperature . . . . . (General Electric) (GFAE) (Spec 124D749-1)	1	A
-22	Z1200-02		. . NUT, (General Electric) (GFAE)	2	A
-23	AN960C10	*1	. . WASHER, (GFAE)	4	A
-24	AN3C5A	*1	. . BOLT, (GFAE)	2	A
-25	9892015		. . CLAMP, (General Electric) (GFAE)	2	A
-26	Z1200-02		. . NUT, (General Electric) (GFAE)	2	A
-27	AN3C5A	*1	. . BOLT, (GFAE)	2	A
-28	AN742-16	*1	. . CLAMP, (GFAE)	2	A
-29	Z1200-02		. . NUT, (General Electric) (GFAE)	3	A
-30	AN3C5A	*1	. . BOLT, (GFAE)	3	A
-31	AN742-6		. . CLAMP	3	A
-32	9890480G2		. THERMOCOUPLE, Engine exhaust temperature . . . . . (General Electric) (GFAE)	Ref	

*1 Parts furnished with engine by General Electric.

USEABLE ON CODE: A 51-2850 thru 53-1228

POWER PACKAGE BUILD-UP (Cont)

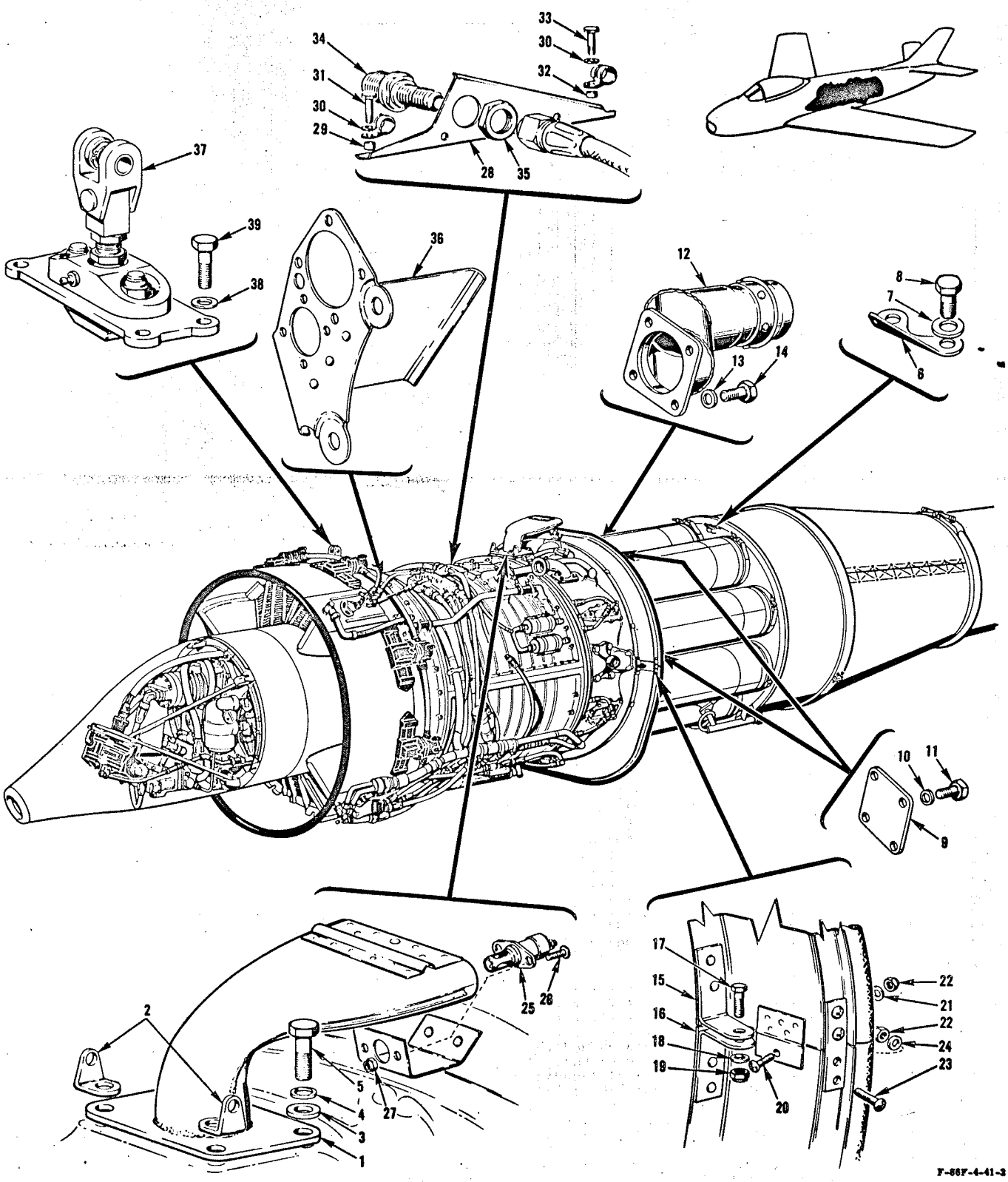


FIGURE 467 - INTERMEDIATE SECTION ENGINE ACCESSORIES

POWER PACKAGE BUILD-UP (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
467	No Number	INTERMEDIATE SECTION ENGINE ACCESSORIES (see fig. 465 for next assy)	NP	
-1	151-42040-10	. ELBOW, Engine compressor leakage air	1	
-2	151-42039	. BRACKET, Engine hoist	2	
-3	2W1AL34-40-188	. WASHER, Plain (North American)	2	
-4	AN960-816	. WASHER	4	
-5	AN8H10A	. BOLT	4	
-6	151-42041	. BRACKET, Engine aft steadying support hoist	1	
-7	AN960-816	. WASHER	2	
-8	AN78A10	. BOLT	2	
-9	151-42027	. COVER, Engine compressor discharge airport take off	2	
-10	AN960D416	. WASHER	8	
-11	AN4H4A	. BOLT	8	
-12	176-42022	. DUCT ASSY, Eng midframe leakage air eng attaching (RH port)	1	
-13	AN960D416	. WASHER	4	
-14	AN4H4A	. BOLT	4	
-15	151-42024-137	. FIREWALL ASSY, Engine attaching (upper)	1	
-16	151-42024-109	. FIREWALL ASSY, Engine attaching (lower)	1	
-17	AN3-6	. BOLT	2	
-18	AN960-10	. WASHER	2	
-19	AN310-3	. NUT	2	
-20	NAS221-8	. SCREW, Brazier head phillips recess	2	
-21	2W1C12-32-25	. WASHER, Plain (North American)	2	
-22	AN363C1032	. NUT	6	
-23	NAS221-12	. SCREW, Brazier head phillips recess	4	
-24	AN960-10	. WASHER	4	
-25	36010-2	. FIRE DETECTOR HEAD, (Edison) (use Edison 35534-2 until exh)	1	
-26	AN515-6R6	. SCREW	2	
-27	AN365-632	. NUT	2	
-28	176-47009	. BRACKET, Oil return disconnect support	1	
-29	NAS43DD3-40	. SPACER, Screw and bolt	1	
-30	AN960D10	. WASHER	2	
-31	AN3H11A	. BOLT	1	
-32	NAS43DD3-8	. SPACER, Screw and bolt	1	
-33	AN3H5A	. BOLT	1	
-34	155S2-12	. COUPLING HALF, (Aeroquip)	1	
-35	AN924-12	. NUT	1	
-36	176-54178	. BRACKET ASSY, Eng elec disconnect (use 176-54078 until exh)	1	A
-37	176-31926	. SUPPORT ASSY, Engine fwd mount (whn exh use 176-31926-10) (see fig. 443)	1	
	176-31926-10	. SUPPORT ASSY, Engine fwd mount (use 176-31926 until exh) (see fig. 443)	1	
-38	AN960-816	. WASHER	4	
-39	AN8H7A	. BOLT	4	

USEABLE ON CODE: A 51-2850 thru 53-1228

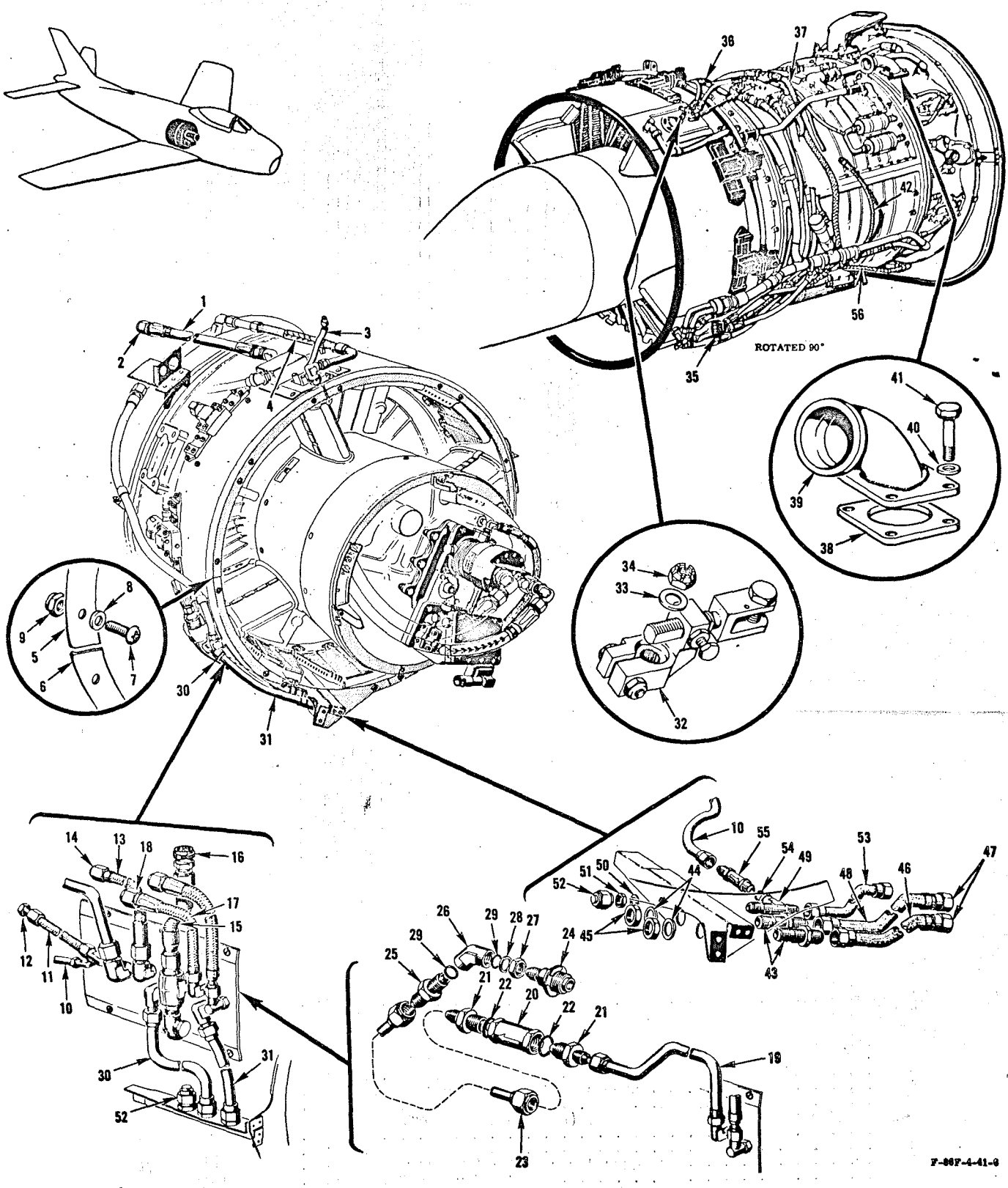


FIGURE 468 - INTERMEDIATE SECTION ENGINE ACCESSORIES (Cont)

POWER PACKAGE BUILD-UP (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
468	No Number		INTERMEDIATE SECTION ENGINE ACCESSORIES (Cont) (See fig. 465 for next assy)	NP	
-1	3H3-12-017	.	HOSE ASSY, (normal flight control suct) (North American)	1	
-2	150S1-12D	.	COUPLING HALF, (Aeroquip) (use 150S1-12 untl exh)	1	
	E155-25-12D	.	NUT, (Aeroquip) (use C155-25-12 untl exh)	1	
-3	80010	.	LEAD GENERAL DISCONNECT, (Airtron)	1	
-4	176-42050-5	.	SHIELD, Engine accessory lines high temperature	1	
-5	176-42026-3	.	FLANGE, Engine air inlet	3	
-6	176-58413-15	.	BRACKET ASSY, Hyd eng island No. 2 line support (use 176-58413-11 untl exh)	1	D
-7	AN526-428R12	.	SCREW	16	
-8	AN960D416	.	WASHER	16	
-9	AN365-428	.	NUT	16	
-10	176-58817-7	.	LINE ASSY, Elbow island No. 2 to check valve under engine shaft seal drain (hydraulic pump seepage drain)	1	
-11	AN6271-6-51	.	HOSE ASSY, (normal flight control case drain)	1	
-12	150S1-6	.	COUPLING HALF, (Aeroquip)	1	
	155-25-8	.	NUT, (Aeroquip)	1	
-13	3H3-12-0244	.	HOSE ASSY, (utility suction) (North American) (altered from AN6271)	1	
-14	150S1-12	.	COUPLING HALF, (Aeroquip)	1	
	E155-25-12D	.	NUT, (Aeroquip) (use C155-25-12 untl exh)	1	
-15	3H3-16-12 1/2	*1 .	HOSE ASSY, (engine oil inlet) (North American)	1	C
-16	8000D16	*1 .	SOCKET ASSY, (female) (Wiggins)	1	C
-17	AN6271-6-11 3/4	.	HOSE ASSY, (utility case drain)	1	B
-18	150S1-6D	.	COUPLING HALF, (Aeroquip) (use 150S1-6 untl exh)	1	B
	C155-25-8D	.	NUT, (Aeroquip) (use 155-25-8 untl exh)	1	B
-19	172-58823-41	*2 .	LINE ASSY, Utility case drain from eng island to check valve	1	A
-20	1111-517733	*2 .	VALVE ASSY, Check (Parker Aircraft)	1	A
-21	AN919-12D	*2 .	REDUCER	2	A
-22	AN6290-8	*2 .	GASKET	2	A
-23	172-58823-43	*2 .	LINE ASSY, Utility case drain check valve to disc fitting	1	A
-24	155S2-6	*2 .	FITTING, Disconnect (Aeroquip)	1	A
-25	AN815-6D	*2 .	UNION	1	A
-26	AN941-6D	*2 .	ELBOW	1	A
-27	AN6289-6	*2 .	NUT	1	A
-28	AN6291-6	*2 .	RING	1	A
-29	AN6290-6	*2 .	GASKET	2	A
-30	176-58412	.	TUBE ASSY, Hyd eng island No. 2 utility pressure	1	
-31	176-58411	.	TUBE ASSY, Hyd eng island No. 2 normal flight control press.	1	
-32	176-43014	.	LEVER ASSY, Eng power cont lever attaching (see fig. 435)	1	
-33	AN960-416	.	WASHER	1	
-34	AN310-4	.	NUT	1	
-35	176-42015	.	CAP ASSY, Engine fuel inlet	1	
-36	176-42050-7	.	SHIELD, Engine accessory lines high temperature	1	
-37	AN6264-12D40 3/4	.	HOSE ASSY	1	
-38	151-53381	.	GASKET, Heat and vent system engine connecting	1	
-39	191-53310	.	ELBOW ASSY, Heat and vent system engine connecting (use 172-53325 untl exh)	1	
-40	AN960-416L	.	WASHER	4	
-41	AN4H4A	.	BOLT	4	
-42	AN6264-4-20 1/2	.	HOSE ASSY, (oil pressure to transmitter)	1	
-43	AN832-8D	.	UNION	2	
-44	AN960D1216	.	WASHER	2	
-45	AN924-8D	.	NUT	2	
-46	AN6292-8-16 3/4	*3 .	HOSE ASSY, (normal flight control pressure)	1	
-47	150S1-8D	.	COUPLING HALF, (Aeroquip) (use 150S1-8 untl exh)	2	
	C155-25-8D	.	NUT, (Aeroquip) (use 155-25-8 untl exh)	2	
-48	AN6292-8-20	*3 .	HOSE ASSY, (utility pressure)	1	
-49	AN783D4	.	TEE	1	
-50	AN960D716	.	WASHER	1	
-51	AN924-4D	.	NUT	1	
-52	AN929-4	.	CAP	1	
-53	AN6271-4-26 3/4	.	HOSE ASSY, (seepage drain)	1	
-54	AN6227-7	.	PACKING	1	
-55	10-1344-75	.	VALVE ASSY, Check (Parker Aircraft)	1	
-56	AN6264-5-34 1/2	.	HOSE ASSY	1	

*1 Use Wiggins 8000D16 together with North American 3H3-16-12 1/2 hose assy untl exh, whn exh use Wiggins 6-529 or 6-529B together with North American 3H3-16-13 3/4.
*2 Airplanes reworked in accordance with T. O. 1F-86-157.
*3 Aeroquip 030901, Weatherhead 55120 and Aero-Coupling 031101 hoses have been factory installed on some airplanes. These hoses are to be replaced after 600 hours service by approved AN6292 hose assemblies.

USEABLE ON CODE:
A 51-2850 thru 51-13510 (except on airplanes 51-13491, 51-13494, 51-13495, 51-13499, 51-13501 thru 51-13503, and 51-13505)
B 52-4305 and subs (and including airplanes 51-13491, 51-13494, 51-13495, 51-13499, 51-13501 thru 51-13503, and 51-13505)
C 51-13398 and subs
D 51-2850 thru 53-1228

POWER PACKAGE BUILD-UP (Cont)

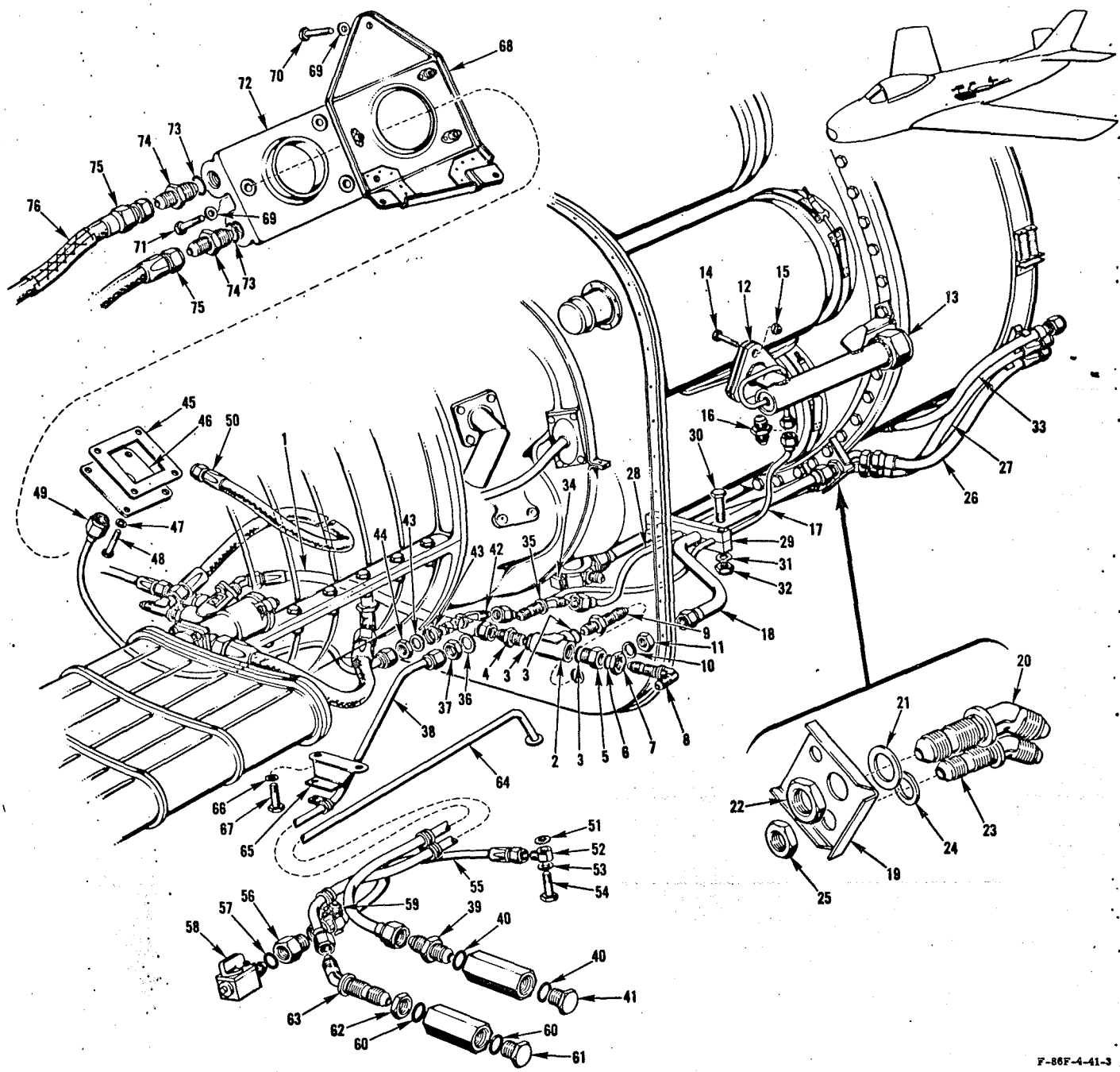


FIGURE 469 - INTERMEDIATE SECTION ENGINE ACCESSORIES (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
469	No Number	INTERMEDIATE SECTION ENGINE ACCESSORIES (Cont) (see fig. 465 for next assy)	NP	
-1	AN6264-6-24	. HOSE ASSY, (fuel flow divider drain)	1	
-2	AN926-10D	. TEE	1	
-3	934-14	. PACKING	3	
-4	AN919-14D	. REDUCER	1	

POWER PACKAGE BUILD-UP (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
469 -5	AN893-81D		BUSHING	1	
-6	934-8		PACKING	1	
-7	AN924-5D		NUT	1	
-8	AN833-5D		ELBOW	1	
-9	AN832-10D		UNION	1	
-10	AN960-1416		WASHER	1	
-11	AN924-10D		NUT	1	
-12	151-42304		GASKET, Engine aft flange oil breather elbow	1	
-13	191-42027		ASPIRATOR ASSY, Eng aft frame breather (use 176-42009-50 together with AN919-6 until exh)	1	
-14	AN4-7A		BOLT	3	
-15	AN363C428		NUT	3	
-16	AN815-6		UNION, (used with 191-42027 only)	1	
-17	176-42032-33		TUBE ASSY, Firewall to aspirator	1	
-18	176-42032-13		TUBE ASSY, Engine firewall to support bracket	1	
-19	176-42018		BRACKET ASSY, Engine drain line support	1	
-20	AN837-10D		ELBOW	1	
-21	176-42023		WASHER, Engine drain fitting	1	
-22	AN924-10D		NUT	1	
-23	AN837-4		ELBOW	1	
-24	2W1C32-26-32		WASHER, Plain (North American)	1	
-25	AN924-4		NUT	1	
-26	AN6264-10D 15 1/2		HOSE ASSY, (fuel drain)	1	
	AN815-10D		UNION	1	
-27	AN6264-4-17 1/2		HOSE ASSY, (seal vent)	1	
-28	176-42032-9		TUBE ASSY, Engine firewall to support bracket	1	
-29	176-42041-7		CLAMP, Engine drain line support	2	
-30	AN4-13A		BOLT	2	
-31	AN960D416		WASHER	2	
-32	AN363-428		NUT	2	
-33	151-42047		TUBE ASSY, Engine drain	1	
	AN832-8		UNION	1	
-34	AN913-3S		PLUG	2	
-35	AN837-4		ELBOW	1	
-36	AN960D716		WASHER	1	
-37	AN924-4		NUT	1	
-38	AN6264-4-50		HOSE ASSY	1	
-39	AN815-4		UNION	1	
-40	AN6227-7		PACKING	2	
-41	AN806D4		PLUG	1	
-42	AN837-6		ELBOW	1	
-43	AN960-916		WASHER	2	
-44	AN924-6		NUT	1	
-45	151-53381		GASKET, Heat and vent system engine connecting	1	
-46	176-42036-13		CONNECTOR ASSY, Eng compressor discharge air take-off	1	
-47	AN960D416L		WASHER	4	
-48	AN4H4A		BOLT	4	
-49	176-42032-29		TUBE ASSY, Eng pad to firewall	1	
-50	AN6264-4-59		HOSE ASSY, (fuel pressure to transmitter)	1	A
	AN929-4		CAP ASSY	1	B
-51	AN901-5A		GASKET	1	
-52	AN776-5D		ELBOW	1	
-53	AN900-8		GASKET	1	
-54	AN755-5D		BOLT	1	
-55	AN6264-5-14		HOSE ASSY	1	
-56	AN894D6-5		BUSHING	1	
-57	AN6227-9		PACKING	1	
-58	7551-2		VALVE ASSY, Drain (Koehler)	1	
-59	151-47053		CLIP, Engine oil cooler drain	1	
-60	934-14		PACKING	2	
-61	AN806D10		PLUG	1	
-62	AN924-10D		NUT	1	
-63	AN837-10D		ELBOW	1	
-64	176-42032-5		TUBE ASSY, Engine forward drain to hose	1	
-65	151-42054		BRACKET, Engine forward drain elbow	1	
-66	AN960-816		WASHER	2	
-67	AN8H-6A		BOLT	2	
-68	191-42016-11		BRACKET ASSY, Eng fuel flowmeter (use 191-42016 until exh)	1	B
-69	2W17-416		WASHER, Corrosion resistant steel (North American)	6	B
-70	AN4H4A		BOLT	3	B
-71	AN4-12A		BOLT	3	B
-72	9115-16B1A		FLOWMETER ASSY, Fuel (Eclipse-Pioneer) (type J6 (Spec MIL-T6598) (AERNO 61-2446) (intrch wth 9115-16C1A)	1	C
	9115-16D1		FLOWMETER ASSY, Fuel (Eclipse-Pioneer) (type J6A) (Spec MIL-T6598C) (GFAE) (use 9115-16B1A or 9115C1A until exh)	1	D
-73	AN902-16		GASKET	2	B
-74	AN919-23D		REDUCER	2	B
-75	MS28741-12-22 1/2		HOSE ASSY	2	B
-76	176-42050-7		SHIELD, Engine accessory lines high temperature	1	B

USEABLE ON CODE:
A 51-2850 thru 52-4904, 52-5272 thru 52-5446
B 52-4905 thru 52-5271 52-5447 and subs
C 52-4905 thru 52-5271 52-5447 thru 52-5530
D 53-1072 and subs

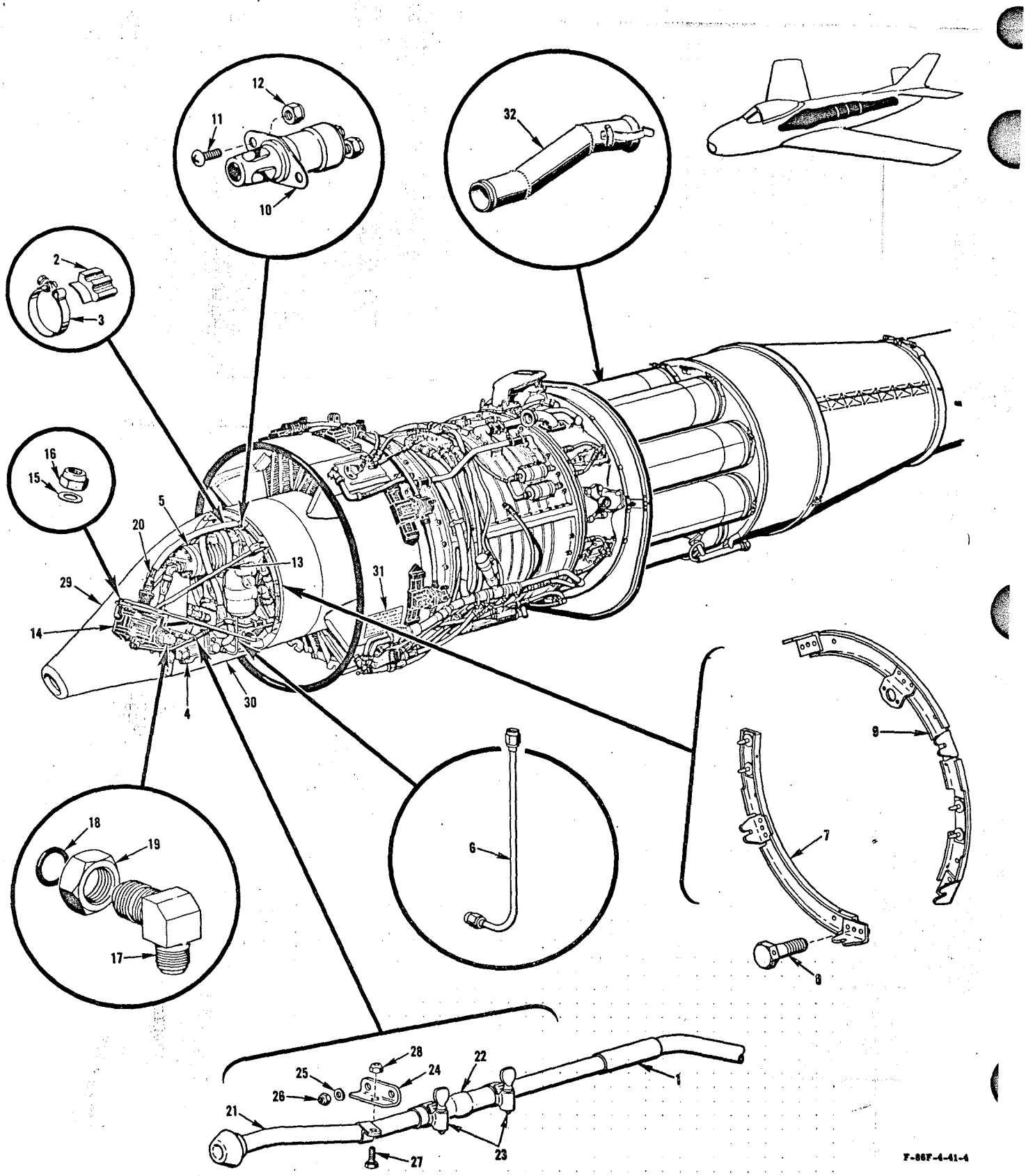


FIGURE 470 - FORWARD SECTION ENGINE ACCESSORIES AND AIR LEAKAGE DUCT

POWER PACKAGE BUILD-UP (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
470	No Number	FORWARD SECTION ENGINE ACCESSORIES AND AIR LEAKAGE DUCT . . . . . (see fig. 465 for next assy)	NP	
-1	191-53311-3	. SLEEVE, Heat and vent system eng accessory cover anti-icing line (use 176-53338 until exh)	1	
-2	202-54039	. COVER, Electrical J47 engine generator terminal	1	
-3	326-75-7.563SH	. CLAMP, (Marman)	1	
-4	176-58602	. PUMP ASSY, Hydraulic normal flight control system . . . . . (when exh use 227-58602-3) (see fig. 444)	1	
	227-58602-3	. HYDRAULIC EQUIPMENT ASSY, Normal flight control system pump . (use 176-58602 until exh) (see fig. 444)	1	*1
	227-58602-5	. HYDRAULIC EQUIPMENT ASSY, Normal flight control system pump . (intrch wth 176-58602 or 227-58602-3 on airplanes 53-1072 and subs only) (see fig. 444)	1	A,*1
-5	176-58601	. PUMP ASSY, Hydraulic utility complete (see fig. 445)	1	B
	191-58601	. HYDRAULIC EQUIPMENT ASSY, Utility system pump (when exh . . . use 227-58601-3) (see fig. 445)	1	C
	227-58601-3	. HYDRAULIC EQUIPMENT ASSY, Utility system pump (use 191-58601 . until exh) (see fig. 445)	1	C,*1
	227-58601-5	. HYDRAULIC EQUIPMENT ASSY, Utility system pump (intrch wth . . 191-58601 or 227-58601-3 on airplanes 53-1072 and subs only) (see fig. 445)	1	A,*1
-6	176-58817-41	. LINE ASSY, Utility system pump to normal system pump shaft . . seal drain hydraulic	1	
-7	176-42031-3	. RING ASSY, Engine accessory cover retainer	1	
-8	AN4H4A	. BOLT	6	
-9	176-42031-5	. RING ASSY, Engine accessory cover retainer	1	
-10	36010-2	. FIRE DETECTOR HEAD, (Edison) (use Edison 35534-2 until exh) . .	1	
-11	AN515-6R6	. SCREW	2	
-12	AN365-632	. NUT	2	
-13	176-42010	. SUPPORT ASSY, Fuel flowmeter	1	D
	AN4H5A	. BOLT	3	D
	AN4H4A	. BOLT	1	D
-14	9106-12A1	. FLOWMETER ASSY, Fuel (Eclipse-Pioneer) (intrch wth . . . . . Eclipse-Pioneer 9106-12A1A or 9106-12B1A)	1	E
	191-51055	. TRANSMITTER ASSY, Engine fuel flow (intrch wth . . . . . Eclipse-Pioneer 9105-12A1A on airplanes 52-4305 thru 52-5271 only) (see fig. 433)	1	F
-15	AN960D416	. WASHER	3	D
-16	AN365-428	. NUT	3	D
-17	176-42020	. FITTING, Fuel flowmeter	2	D
-18	MS29512-16	. GASKET	2	D
-19	AN924-16D	. NUT	2	D
-20	176-54182	. HARNESS ASSY, Electrical fuel flow transmitter (see fig. 433)	1	D
-21	176-53341-21	. ADAPTER ASSY, Heat and vent engine accessory cover . . . . . anti-icing line (use 176-53341-15 until exh on airplanes coded E and F only)	1	
	176-53341-15	. ADAPTER ASSY, Heat and vent engine accessory cover . . . . . anti-icing line (when exh use 176-53341-21)	1	E,F
-22	191-53311-5	. SLEEVE, Heat and vent sys eng accessory cover anti-icing . . . line (use 176-53338-3 until exh)	1	
-23	AN737TW26	. CLAMP	2	
-24	176-53343	. CLIP, Anti-icing line to hydraulic pump attaching	1	*2,G,H
-25	2W17-10	. WASHER	2	*2,G,H
-26	AN364-1032	. NUT	2	*2,G,H
-27	AN3-3A	. BOLT	1	*2,G,H
-28	AN365-1032	. NUT	1	*2,G,H
-29	176-42005-3	. COVER ASSY, Engine accessories section two piece . . . . . (see fig. 464)	1	
-30	176-42005-5	. COVER ASSY, Engine accessories section two piece (see fig. 464)	1	
-31	176-42017	. DECAL, Engine fuel inlet cap installation	1	
-32	176-42021	. DUCT ASSY, Engine midframe leakage air disconnect	1	

*1 227-58601-5 and 227-58602-5 are interchangeable with 227-58601-3 and 227-58602-3 when used in the following combinations on airplanes 53-1072 and subs only:
227-58601-3 with 227-58602-3
227-58601-5 with 227-58602-5
227-58601-5 with 227-58602-3

*2 Used on those assemblies having Vickers pumps only.

USEABLE ON CODE:

A	53-1072 and subs	E	51-2850 thru 51-13109
B	51-2850 thru 51-13510	F	51-13110 thru 52-4904, 52-5272 thru 52-5446
C	51-4305 and subs	G	52-4905 thru 52-5271, 52-5447 thru 52-5530
D	51-2850 thru 52-4904, 52-5272 thru 52-5446	H	53-1072 thru 53-1228

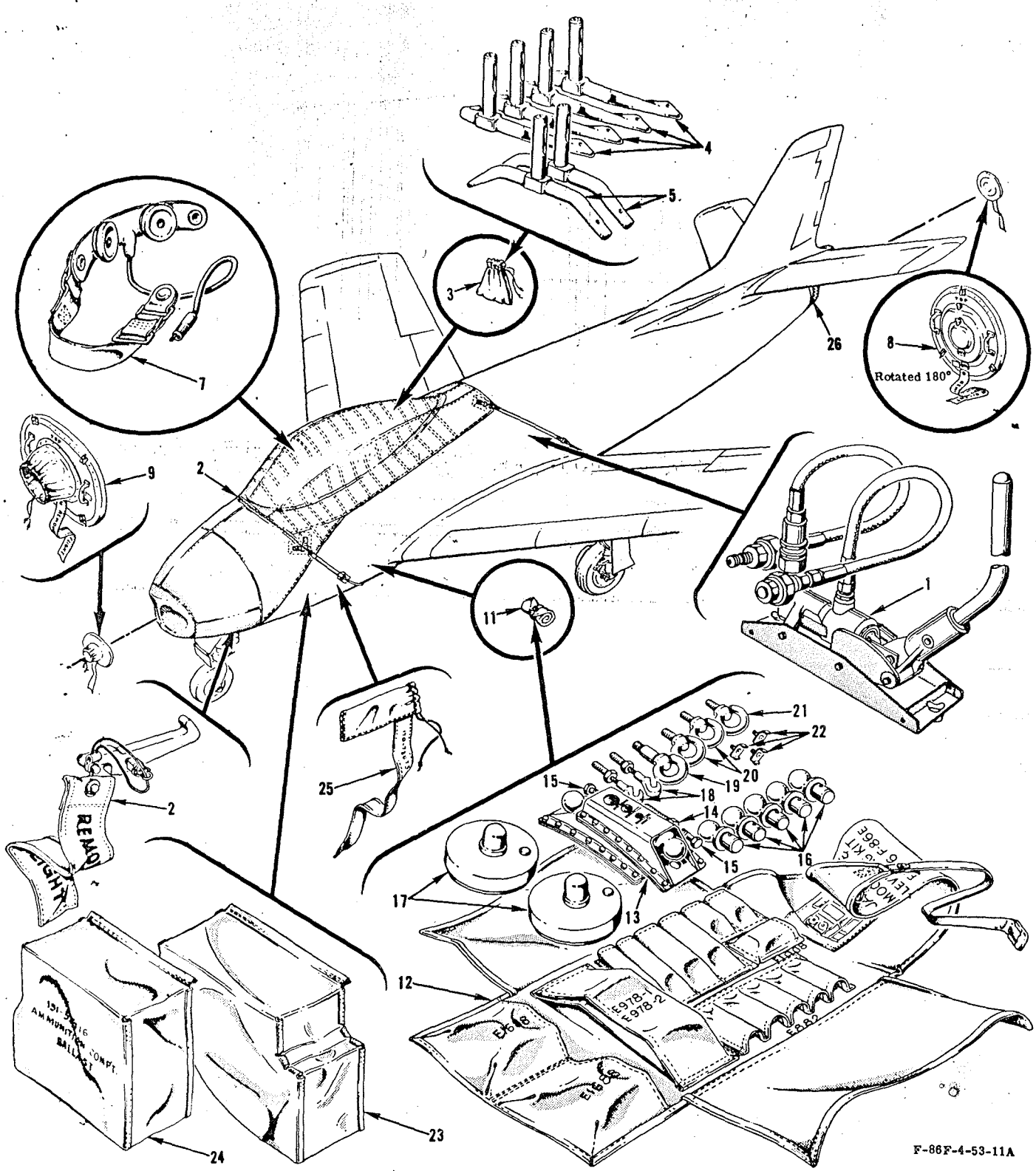


FIGURE 471 - LOOSE EQUIPMENT AND GENERAL DATA

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
471	170-53075		DATA INSTALLATION Loose equipment and general	NP	A
	170-53075-50		DATA INSTALLATION, Loose equipment and general	NP	E
	191-53075		DATA INSTALLATION, Loose equipment and general	NP	F
-1	172-58631	*5	. PUMP ASSY, Hydraulic ground test hand (see figure 476). . .	1	
-2	140-73060		. COVER ASSEMBLY, Complete nose and enclosure	1	M, N
	176-73060		. COVER ASSEMBLY, Complete nose and enclosure	1	Q
-3	140-63020		. KIT, Bomb rack sway brace	1	A, E

LOOSE EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
471	120-63039	. .	BAG ASSEMBLY, Bomb sway brace stowage	1	A,E
-4	117-63227	. .	SWAY BRACE ASSY, Standard bomb rack.	4	A,E
-5	117-63295	. .	SWAY BRACE ASSY, Wing bomb rack bomb cluster	2	A,E
-6	DELETED				
-7	No Number	.	MICROPHONE ASSEMBLY, Type T30P (GFAE)	1	A,E
	SHIPPED UNDER SEPARATE COVER				
	227-73001	.	PACKAGE, Pilot's hood	1	
	191-74066	.	PKG, Low alt bomb sys equip.(see fig. 475 for breakdown)	1	V
	191-74066-1	.	PKG, Low alt bomb sys equip.(see fig. 475 for breakdown)	1	W
	191-74066-11	.	PKG, Low alt bomb sys equip.(see fig. 475 for breakdown)	1	S
	191-74066-21	.	PKG, Low alt bomb sys equip.(see fig. 475 for breakdown)	1	T
	151-89001-9	.	ROCKET EQUIPMENT KIT, (see fig. 482 for breakdown)	1	E,F
	151-63002-40	.	BOMB RACK INSTL KIT, (see fig. 478 for breakdown)	1	C
	187-63002-40	.	BOMB RACK PKG, (see fig. 479 for breakdown)(use 187-63002-30, -20, -10 or 187-63002 untl exh)	1	B
	187-63004	.	BOMB RACK PACKAGE, (see fig. 484 for breakdown)	1	L
	187-48220	.	FERRY BEAM PACKAGE, (see fig. 481 for breakdown)	1	D
	187-48220-10	.	FERRY BEAM PACKAGE, (see fig. 481 for breakdown)	1	D
	176-54181	.	HARNESS ASSEMBLY, Electrical para-frag rack	2	D
	191-66002-10	.	CAMERA PACKAGE, P2 strike (see fig. 473 for breakdown)	1	H
	146383	.	COVER, Brake assy dust (Bendix)	2	T
-8	176-73072	.	SHIELD ASSEMBLY, Jet engine exhaust dust.	1	
-9	170-73071	.	SHIELD ASSEMBLY, Jet engine air intake duct	1	
-10	E1201-11	.	LOCK ASSY, Aux LG drag brace ground (spare)(use E1201 untl exh)	1	
	52D6845	.	SCREEN, Protective jet aircraft intake duct	1	*4
	151-89001-7	.	ROCKET EQUIPMENT KIT, (see fig. 482 for breakdown)	1	A
	STOWED IN REAR AMMUNITION BAY				
	192-53058-11	.	STREAMER ASSY, Ejection seat lap belt indic safety pin	1	T
-11	E1696	.	KIT, Jacking, mooring and leveling.	1	C
	E1696-10	.	KIT, Jacking, mooring and leveling.	1	D
-12	E1697-10	. .	BAG ASSEMBLY, Jacking, mooring and leveling.	1	
-13	E978-1	. .	SUPPORT ASSEMBLY, Fuselage jack pad sta 236.25 LH	1	
	E978-2	. .	SUPPORT ASSEMBLY, Fuselage jack pad sta 236.25 RH	1	
-14	AN8-12A	. .	BOLT	2	
-15	AN4-10A	. .	BOLT	2	
-16	E882	. .	PAD ASSEMBLY, Wing and fuselage jack	5	
-17	E1688	. .	PAD ASSEMBLY, Wing outer panel auxiliary jack	2	C
-18	E1001	. .	FITTING ASSEMBLY, Outer wing bomb hoist attaching	2	
-19	E1007	. .	EYE, Fuselage mooring station 87	1	
-20	E1005	. .	EYE, Wing mooring	2	
-21	E992	. .	EYE, Fuselage mooring station 379.797	1	
-22	E1008	. .	SCREW ASSY, Plumb bob airplane leveling & target aligning.	3	
	STOWED IN AMMUNITION BOXES				
-23	151-53117	.	BAG ASSY, Ammunition compartment ballast outboard	4	M
	151-53117-11	.	BAG ASSY, Ammunition compartment ballast outboard	6	N
-24	151-53116	.	BAG ASSY, Ammunition compartment ballast inboard.	4	M
	151-53116-11	.	BAG ASSY, Ammunition compartment ballast inboard.	6	N
-25	176-73073	.	COVER ASSY, Pitot tube automatic release (use 170-73073 untl exh)	1	
-26	176-73007	.	COVER ASSY, Exhaust duct opening.	1	J
	180-66005	.	BRACE, Reticle camera erector head	1	K,*2
	180-66007	.	BLOCK, Camera cylindrical support	1	K,*2
	192-66010	.	MOUNT, AN-N9 camera and prism erector support	1	U
	AN960D10	.	WASHER	1	K,*2
	AN515-3R4	.	SCREW	1	K,*2
	31103A	.	ADAPTER ASSEMBLY, (Huber)	1	K,*2
	225	.	RECEPTACLE, (Huber)	1	K,*2
	AN365-428	.	NUT	1	K,*2
	AN4-6A	.	BOLT	2	K,*2
	AN3H7A	.	BOLT	4	K,*2
	AN3-7A	.	BOLT	2	K,*2
	AN3-6A	.	BOLT	1	K,*2
	2W1AL16-18-.250	.	WASHER, Plain (North American)	1	K,*2
	AN515-2R7	.	SCREW	4	K,*2
	AN960D3	.	WASHER	4	K,*2
	STOWED IN PILOT'S DELIVERY ENVELOPE				
	No Number	.	TICKET, Form 104C shipping (GFAE)	1	A,E
	No Number	.	ENVELOPE, Form 15 and 15A invoice (GFAE)	1	
	T.O. 1F-86F-1	.	INSTRUCTIONS, Pilot's flight operation (GFAE)	1	*1
	No Number	.	REPORT, Form 1 flight (GFAE)	1	*1
	No Number	.	RECORD, Form 60B technical instruction compliance (GFAE)	1	
	No Number	.	RECORD, Form 60A technical instruction compliance (GFAE)	1	
	No Number	.	RECORD, Gyro computing sight type A1CM functional test(GFAE)	1	
	No Number	.	HANDBOOK, Pilot's east (GFAE)	1	
	No Number	.	HANDBOOK, Pilot's west (GFAE)	1	
	T.O. 08-15-2	.	BOOK, Radio data and flight information (GFAE)	1	*1
	T.O. 1-1B-40	.	BOOK, Weight and balance data (GFAE)	1	
	T.O. 08-15-1	.	CHART, Radio facility (GFAE)	1	A,E
	No Number	.	LF/MF EDITION	1	F,*1
	No Number	.	REPORT, USAF form 510 receipt aircraft delivery (GFAE)	1	
	No Number	.	REPORT, USAF form DD780 aircraft inventory (GFAE)	1	
	STOWED IN RADIO ELEVATOR				
	No Number	.	AN/ARC27 SPECIAL TOOLS.	1	F

LOOSE EQUIPMENT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
471	No Number		RECORD, Form 185 gun maintenance and performance	1	F
	STOWED IN AIRPLANE DATA CASE				
	No Number		BOOK, AN/APX radio instruction (GFAE)	1	
	No Number		BOOK, AN/ARC33 radio instruction (GFAE)	1	C
	No Number		BOOK, AN/ARC27 radio instruction (GFAE)	1	D
	No Number		BOOK, AN/APG30 radar instruction (GFAE)	1	A,E
	No Number		BOOK, AN/ARN6 radio instruction (GFAE)	1	
	172-954002		WIRING DIAGRAM, Electrical schematic	1	A
	176-954002		WIRING DIAGRAM, Electrical schematic	1	E
	191-954002		WIRING DIAGRAM, Electrical schematic	1	F
	140-73012		CHART, Bomb hoisting and loading	1	A
	176-63033		CHART, Bomb hoisting and loading	1	B
	T. O. 1F-86F-2		MANUAL, Erection and maintenance (GFAE)	1	
	T. O. 1F-86F-6		GUIDE, Inspection requirements (GFAE)	1	
	STOWED IN EXPENDED AMMO COMPARTMENT				
	T. O. 1F-86F-4		PARTS CATALOG, (GFAE)	1	
	187-53098-11		STREAMER ASSY, Ejection seal lap belt initiator safety pin (use 187-53098 until exh)	1	
	STOWED IN INSTALLED POSITION PER 176-48302				
	176-48201-101		PACKAGE, 200 gal underwing fuel tank LH (see figure 52)	1	G
	176-48201-102		PACKAGE, 200 gal underwing fuel tank RH (see figure 52)	1	G
	176-48201-1	*3	PACKAGE, 200 gal underwing fuel tank LH (see figure 52)	1	D
	176-48201-2	*3	PACKAGE, 200 gal underwing fuel tank RH (see figure 52)	1	D

*1 Stowed in map case on airplanes coded "F"
*2 Parts coded thus are used with the AN-N6 camera, N-9 camera not available for airplanes coded K
*3 Stowed in forward ammo compartment on airplanes 55-3816 and subs
*4 Refer to T. O. 1F-86-516
*5 Removed from airplanes modified per T.O. 1F-86F-532.

USEABLE ON CODE:

A	51-2850 thru 51-12976	L	52-5164 thru 52-5271, 53-1073 thru 53-1228
B	51-13070 and subs	M	52-5272 thru 52-5530, 52-2850 thru 52-5213
C	51-2850 thru 51-13169	N	52-5214 thru 52-5271, 53-1072 thru 53-1228
D	51-13170 and subs	Q	53-1072 and subs
E	51-13070 thru 51-13510	S	53-1172 thru 53-1228
F	52-4305 and subs	T	55-3816 and subs
G	51-2928 thru 51-13169	U	52-5381 thru 52-5530
H	52-4905 and subs	V	52-5164 thru 52-5224
J	51-13398 and subs	W	52-5225 thru 52-5271 53-1072 thru 53-1171
K	52-5164 thru 52-5271, 53-1072 and subs		

LOOSE EQUIPMENT (Cont)

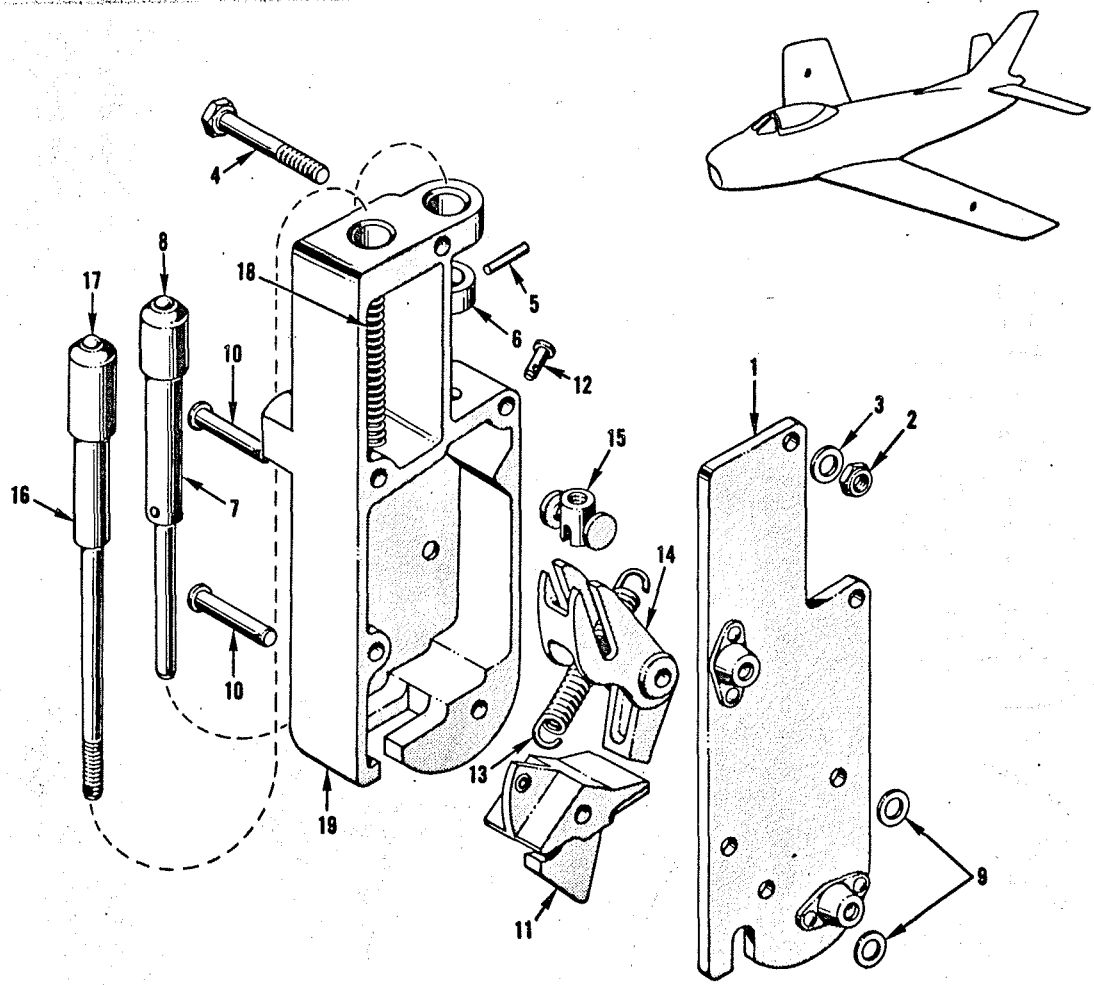


FIGURE 472 - EXTERNAL STORE ARMING CONTROL ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
472	187-63112 *1		CONTROL ASSY, Ext store arming (see fig. 484 for next assy) . .	Ref	A
-1	187-63118		. PLATE ASSY, External store arming control cover	1	A
	ATTACHING PARTS				
-2	AN364-1032		. NUT	3	A
-3	AN960D10L		. WASHER	3	A
-4	AN3-12A		. BOLT	3	A
	---*---				
-5	COMM		. GROOVE PIN, 5/64 x 1/2 type 1 (Groov-Pin)	1	A
-6	187-63125		. COLLAR, External store rack manual release plunger	1	A
	187-63124		. PLUNGER ASSY, External store manual release	1	A
-7	187-63124-3		. . PLUNGER, External store manual release	1	A
-8	COMM		. . BALL, Corrosion resistant steel 3/16 dia (Strom Steel Ball)	1	A
-9	AN960-10L		. WASHER	2	A
-10	AN393-31		. PIN	2	A
-11	187-63113		. HOOK, External store arming control	1	A
-12	AN392-7		. PIN	1	A
-13	187-63120		. SPRING, Tension	1	A
-14	187-63114		. LEVER, External store arming control	1	A
-15	187-63115		. TRUNNION, External store control	1	A
	187-63116		. PLUNGER ASSY, External store arming control	1	A
-16	187-63116-3		. . PLUNGER, External store arming control	1	A
-17	COMM		. . BALL, Corrosion resistant 3/16 dia (Strom Steel Ball) . .	1	A
-18	187-63119		. SPRING, Tension	1	A
-19	187-63117		. HOUSING, External store arming control	1	A

*1 Not used on airplanes modified per T. O. 1F-86F-518. See fig. 487A for modified airplanes

USEABLE ON CODE: A 52-5164 thru 52-5271 and 53-1072 thru 53-1228

LOOSE EQUIPMENT (Cont)

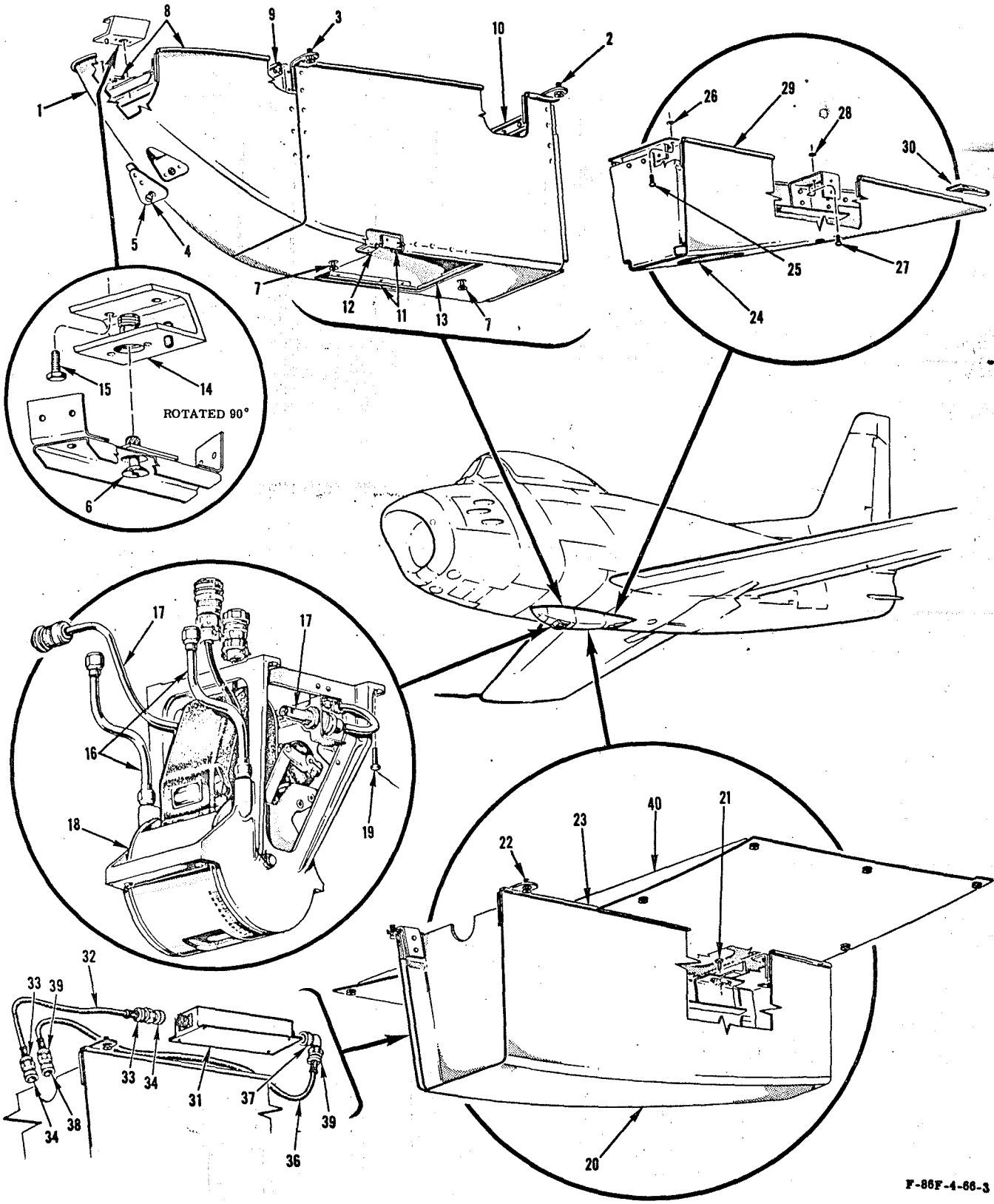


FIGURE 473 - P2 STRIKE CAMERA PACKAGE

LOOSE EQUIPMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
473	191-66002-10	CAMERA PACKAGE, P2 strike (use 191-66002 until exh) (see fig. 471 for next assy)	Ref	A,*1
	191-63001	. CAMERA INSTALLATION, P2 strike	1 print	A,*1
-1	191-66020	. FAIRING ASSY, P2 strike camera fus sta 84.5 to 109	1	A,*1
-2	UF5T20	. . STUD, (Dzus)	2	A,*1
	GH5	. . GROMMET, (Dzus)	2	A,*1
-3	UF5T30	. . STUD, (Dzus)	2	A,*1
	GH5	. . GROMMET, (Dzus)	2	A,*1
-4	98265-1-.140	. . STUD, (United-Carr)	1	A,*1
	99947P.130	. . RECEPTACLE, (United-Carr)	1	A,*1
-5	191-66020-61	. . DOOR, P2 strike camera fus sta 84.5 to 109 fairing	1	A,*1
-6	UF5T30	. . STUD, (Dzus)	1	A,*1
	GH5	. . GROMMET, (Dzus)	1	A,*1
-7	UF5T40	. . STUD, (Dzus)	2	A,*1
	GH5	. . GROMMET, (Dzus)	2	A,*1
-8	191-66020-17	. . SEAL, P2 strike camera fus sta 84.5 to 109 fairing (altered from North American 7E54)	2	A,*1
-9	191-66020-43	. . SEAL, P2 strike camera fus sta 84.5 to 109 fairing (altered from North American 7E54)	1	A,*1
-10	191-66020-47	. . SEAL, P2 strike camera fus sta 84.5 to 109 fairing (altered from North American 7E54)	1	A,*1
-11	191-66020-29	. . SEAL, P2 strike camera fus sta 84.5 to 109 fairing (altered from North American 7E54)	2	A,*1
-12	191-66020-49	. . SEAL, P2 strike camera fus sta 84.5 to 109 fairing (altered from North American 7E54)	1	A,*1
-13	191-66020-51	. . SEAL, P2 strike camera fus sta 84.5 to 109 fairing (altered from North American 7E54)	1	A,*1
-14	191-66021	. CLAMP ASSY, Fuselage sta 87 P2 strike camera fairing	1	A,*1
	ATTACHING PARTS			
-15	AN3-4A	. BOLT	2	A,*1
	---*---			
-16	191-53355-47	. LINE ASSY, P2 camera window defrost fus to camera support	2	A,*1
-17	52B595	. THERMOSTAT, Temp sensing P2 camera defrost (Vapor Heating)	1	A,*1
-18	191-66005	. MOUNT ASSY, P2 strike camera complete (see figure 474 for breakdown)	1	A,*1
	191-66005-21	. MOUNT ASSY, P2 strike camera complete (see figure 474 for breakdown)	1	A,*2
	ATTACHING PARTS			
-19	AN3-6A	. BOLT.	4	A,*1
	---*---			
-20	191-66018	. FAIRING ASSY, P2 strike camera fuselage station 107 to 127	1	A,B,*1
	191-66018-51	. FAIRING ASSY, P2 strike camera fuselage station 107 21/32 to 127 9/32	1	C
	ATTACHING PARTS			
-21	AN3-6A	. BOLT.	4	A,*1
	---*---			
-22	UF5T20	. . STUD, (Dzus)	2	A,*1
	GH5	. . GROMMET, (Dzus)	2	A,*1
-23	191-66018-13	. . SEAL, P2 strike camera fus sta 107 to 127 fairing LH (altered from North American 7E54)	1	A,*1
	191-66018-14	. . SEAL, P2 strike camera fus sta 107 to 127 fairing RH (altered from North American 7E54)	1	A,*1
-24	191-66019	. FAIRING ASSY, P2 strike camera fus sta 125.75 to 146 1/2	1	A,*1
	ATTACHING PARTS			
-25	NAS221-11	. SCREW, Brazier head Phillips recess alloy steel 10-32	2	A,*1
-26	2W1SR10-16-32	. WASHER, Plain (North American)	2	A,*1
-27	NAS221-10	. SCREW, Brazier head Phillips recess alloy steel 10-32	1	A,*1
-28	2W1SR10-16-32	. WASHER, Plain (North American)	1	A,*1
	---*---			
-29	191-66019-11	. . SEAL, P2 strike camera fus sta 125.75 to 144 5/16 fairing. LH (altered from North American 7E54)	1	A,*1
	191-66019-12	. . SEAL, P2 strike camera fus sta 125.75 to 144 5/16 fairing. RH (altered from North American 7E54)	1	A,*1
-30	191-66019-16	. . SEAL, P2 strike camera fus sta 144 3/8 to 146 3/4 fairing.	1	A,*1
-31	53B18007	. SUPPRESSOR, Electrical noise P2 sequential camera nutline (type FA810A) (Filtron)	1	C
-32	227-54040-10	. WIRE HARNESS ASSY, Elec P2 camera filter disc	1	C
-33	AN3057-8A	. . ADAPTER	2	C
-34	AN3106B16S1P	. . CONNECTOR	1	C
-35	AN3100A16S1S	. . CONNECTOR	1	C
-36	227-54040	. WIRE HARNESS ASSY, Elec P2 camera filter disc	1	C
-37	AN3108B16S1S	. . CONNECTOR	1	C
-38	AN3106B16S1P	. . CONNECTOR	1	C
-39	AN3057-8A	. . ADAPTER.	2	C
-40	191-31012	DOOR ASSY, Fus sta 113.683 to sta 125.750 lower radio compartment access (see figure 111)	Ref	

*1 Used on airplanes noted when reworked per T. O. 1F-86-523.
*2 191-66005 will be re-identified as 165-66005-21 when reworked per T. O. 1F-86F-22.
USEABLE ON CODE: A 51-2850 thru 51-13510, 52-4305 thru 52-4704, 52-4905 thru 52-5294, 52-5387 thru 52-5530, 53-1072 and subs B 55-3816 thru 55-3830 C 55-3831 and subs

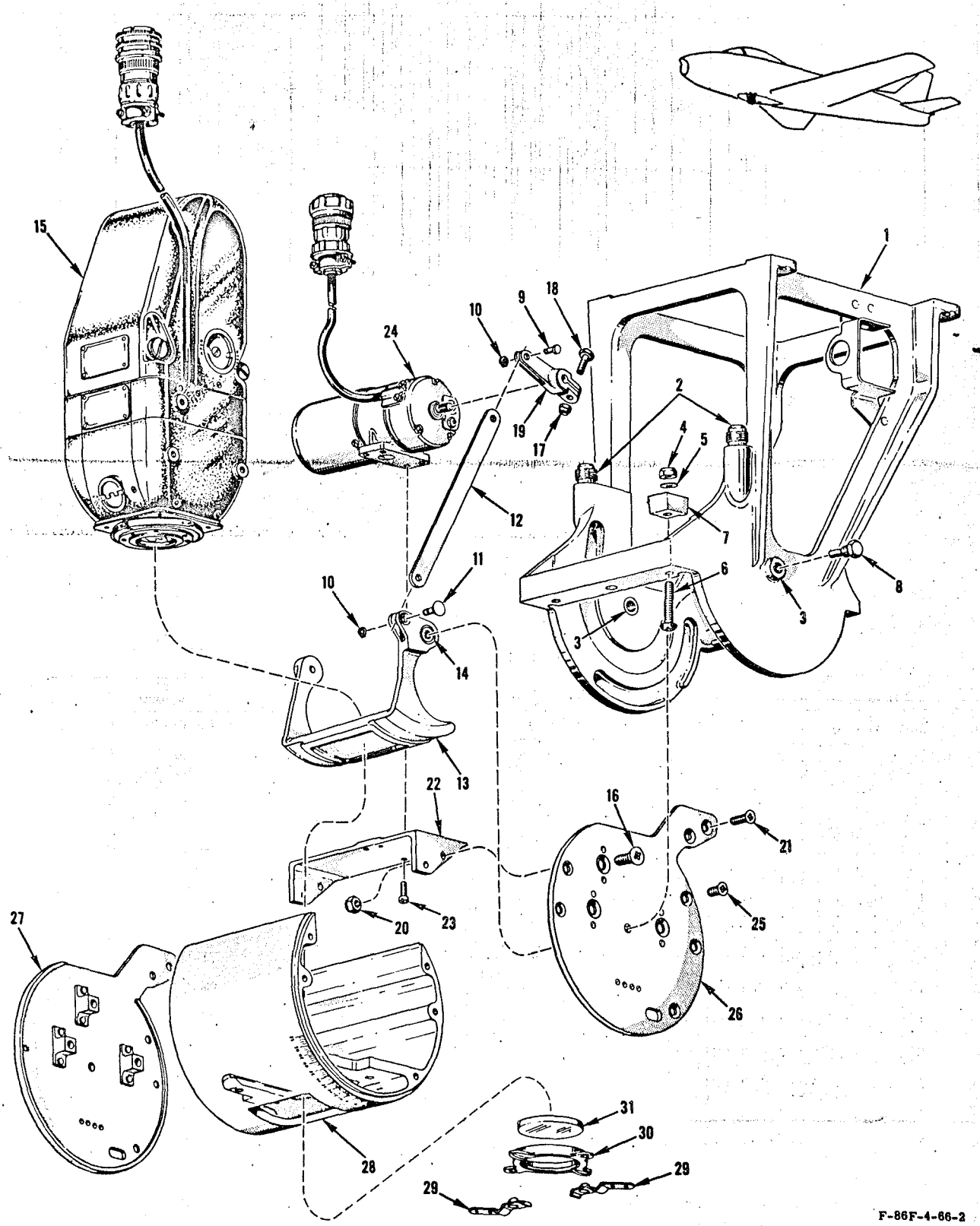


FIGURE 474 - P2 STRIKE CAMERA COMPLETE MOUNT ASSEMBLY

LOOSE EQUIPMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
474	191-66005	MOUNT ASSEMBLY, P2 strike camera complete (see figure 473 for next assembly)	Ref	A,*1
	191-66005-21	MOUNT ASSEMBLY, P2 strike camera complete (see figure 473 for next assembly)	Ref	A,*1
-1	191-66006	. MOUNT ASSEMBLY, P2 strike camera drum assembly support	1	A,*1
-2	191-53350	. . FITTING, Heat and vent system P2 strike camera defrost air attaching	2	A,*1
-3	191-66026	. . INSERT, P2 strike camera mount	2	A,*1
-4	AN365-1032	. NUT	2	A,*1
-5	AN960D10L	. WASHER	2	A,*1
-6	AN526-1032R22	. SCREW	2	A,*1
-7	191-66027-1	. LOCK, P2 strike camera mount LH	1	A,*1
	191-66027-2	. LOCK, P2 strike camera mount RH	1	A,*1
-8	191-66016	. TRUNNION, P2 strike camera mount	2	A,*1
	191-66005-7	. MOUNT SUB-ASSEMBLY, P2 strike camera	1	A,*1
-9	191-66024	. . PIN, P2 strike camera link upper	1	A,*1
-10	5100-18	. . SNAP RING, (Waldes Kohinoor)	2	A,*1
-11	191-66025	. . PIN, P2 strike camera link lower	1	A,*1
-12	191-66015	. . LINK, P2 strike camera drum	1	A,*1
-13	191-66013	. . SHUTTER ASSEMBLY, P2 strike camera drum	1	A,*1
-14	33KDD5	. . . BEARING, (Fafnir)	2	A,*1
-15	No Number	. . CAMERA, Sequential aircraft reconnaissance strike attack type P2 (GFAE) (Spec MIL-C6662)	1	A,*1
	No Number	. . MAGAZINE, Sequential aircraft reconnaissance strike attack camera attaching 50 ft. (GFAE) (Spec MIL-C6662A) (AERNO 74-278) (AF dwg 51E17937)	1	A,*1
-16	AN507-420R12	. . SCREW	6	A,*1
	191-66005-9	. . MOUNT SUB-ASSEMBLY, P2 strike camera	1	A,*1
-17	AN365-1032	. . . NUT	1	A,*1
-18	AN3-6A	. . . BOLT	1	A,*1
-19	191-66014	. . . ARM, P2 strike camera motor	1	A,*1
-20	AN365-1032	. . . NUT	4	A,*1
-21	AN507-1032R10	. . . SCREW	4	A,*1
-22	191-66010	. . . MOUNT, P2 strike camera motor	1	A,*1
-23	AN500A8-8	. . . SCREW	4	A,*1
-24	GYLC3940	. . . ACTUATOR ASSY, P2 camera elec door (Barber-Colman)	1	A,*1
-25	AN507-1024R7	. . . SCREW	10	A,*1
-26	191-66007-1	. . . PLATE ASSY, P2 strike camera LH	1	A,*1
-27	191-66007-2	. . . PLATE ASSY, P2 strike camera RH	1	A,*1
	191-66005-11	. . . SHIM, P2 strike camera plate	2	A,*1
-28	191-66008	. . . DRUM, P2 strike camera	1	B,*1
	191-66008-11	. . . DRUM, P2 strike camera	1	C,*1
-29	191-66033	. . . SPRING, P2 strike camera glass assembly retaining	2	A,*1
	191-66029	. . . GLASS ASSEMBLY, P2 strike camera window	1	A,*1
	191-66029-11	. . . GLASS ASSEMBLY, P2 strike camera window	1	C
-30	191-66031	. . . . RECEPTACLE, P2 strike camera window	1	A,*1
	191-66031-11	. . . . RECEPTACLE, P2 strike camera window	1	C
-31	191-66030	. . . . GLASS, P2 strike camera circular window	1	A,*1
	227-66006	. . . . RETAINER, P2 strike camera window glass	1	C

*1 191-66005 will be re-identified as 191-66005-21 when reworked per T. O. 1F-86F-22.

USEABLE ON CODE: A 51-2850 thru 51-13510, 52-4305 thru 52-4704, 52-4905 thru 52-5294, 52-5387 thru 52-5530, 53-1072 and subs

B 51-2850 thru 51-13510, 52-4305 thru 52-4704, 52-4905 thru 52-5294, 52-5387 thru 52-5530, 53-1072 thru 53-1228

C 55-3816 and subs

LOOSE EQUIPMENT (Cont)

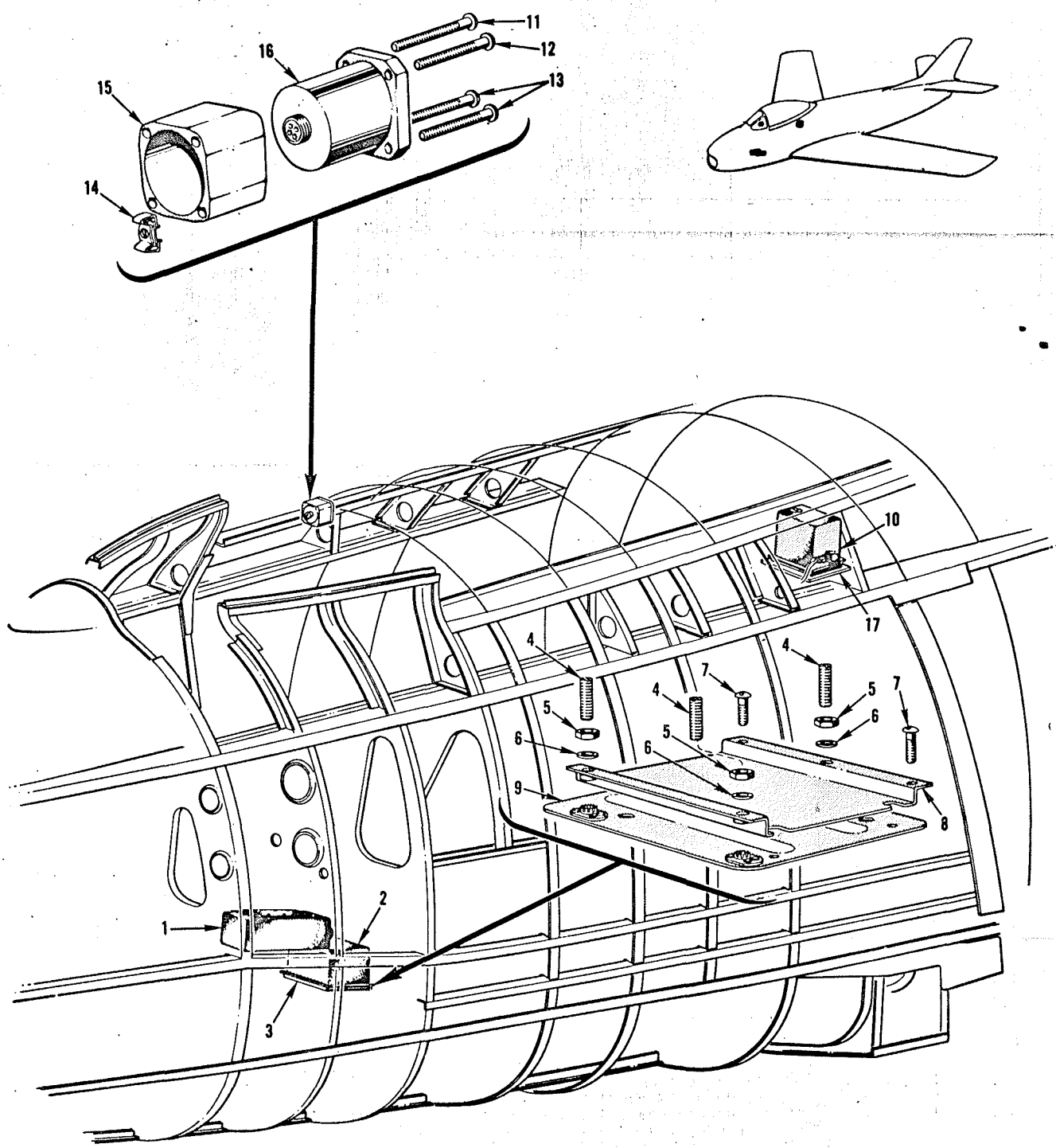


FIGURE 475 - LOW ALTITUDE BOMB SYSTEM EQUIPMENT PACKAGE

LOOSE EQUIPMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
475	191-74066	PACKAGE, Low altitude bomb system equipment (see figure 471 for next assembly)	Ref	A
	191-74066-1	PACKAGE, Low altitude bomb system equipment (see figure 471 for next assembly)	Ref	B
	191-74066-11	PACKAGE, Low altitude bomb system equipment (see figure 471 for next assembly)	Ref	D
	191-74066-21	PACKAGE, Low altitude bomb system equipment (see figure 471 for next assembly)	Ref	E
-1	No Number	. RELAY BOX ASSEMBLY, (low altitude bomb system) (GFAE) (Honeywell RG33A3)	1	A,B,D
-2	No Number	. GYRO, (low altitude bomb system) (GFAE) (Honeywell HG7044D2)	1	A,B,*3
-3	191-74055	. LEVELING ASSEMBLY, Gun sight low altitude bomb gyro	1	A,B,*3
-4	157-74020	. . STUD, Gun bomb rocket sight computer leveling	3	A,B,*3
-5	AN316-4R	. . NUT	3	A,B,*3
-6	2W18-416	. . WASHER, Flat (North American)	3	A,B,*3
-7	AN520-10R20	. . SCREW	2	A,B,*3
-8	191-74053	. . PLATE ASSEMBLY, Gunsight low altitude bomb gyro leveling	1	A,B,*3
-9	191-74054	. . PLATE ASSEMBLY, Gunsight low altitude bomb gyro leveling	1	A,B,*3
-10	No Number	. GYRO, (low altitude bomb system) (GFAE) (Honeywell JG7044D2)	1	D,E,*2
-11	7S14CN632-39A	. SCREW, Round head corrosion resistant (North American)	1	B,C,*1
-12	7S14CN632-30A	. SCREW, Round head corrosion resistant (North American)	1	B,C,*1
-13	7S14CN632-35A	. SCREW, Round head corrosion resistant (North American)	2	B,C,*1
	SK179BP6-16	. SCREW, (American Screw)	4	A,*1
-14	6939-632-062	. NUT, (Tinnerman)	4	A,B,C,*1
-15	202-51079	. SPACER, Low altitude bombing system dive and roll indicator	1	B,C,*1
-16	No Number	. INDICATOR, (low altitude bomb system) (GFAE) (Honeywell 423502)	1	A,B,C,*1
-17	202-74014	LEVELING ASSEMBLY, Gunsight low altitude bomb gyro (see figure 333)	Ref	

*1 Removed from airplanes noted when reworked per T. O. 1F-86F-505.
*2 Also used on airplanes 52-5164 thru 52-5271 and 53-1072 thru 53-1171 modified per T. O. 1F-86F-212.
*3 Used on airplanes noted that have not been modified per T. O. 1F-86F-212.

USEABLE ON CODE:
A 52-5164 thru 52-5224
B 52-5225 thru 52-5271, 53-1072 thru 53-1171
C 53-1172 and subs
D 53-1172 thru 53-1228
E 55-3816 and subs

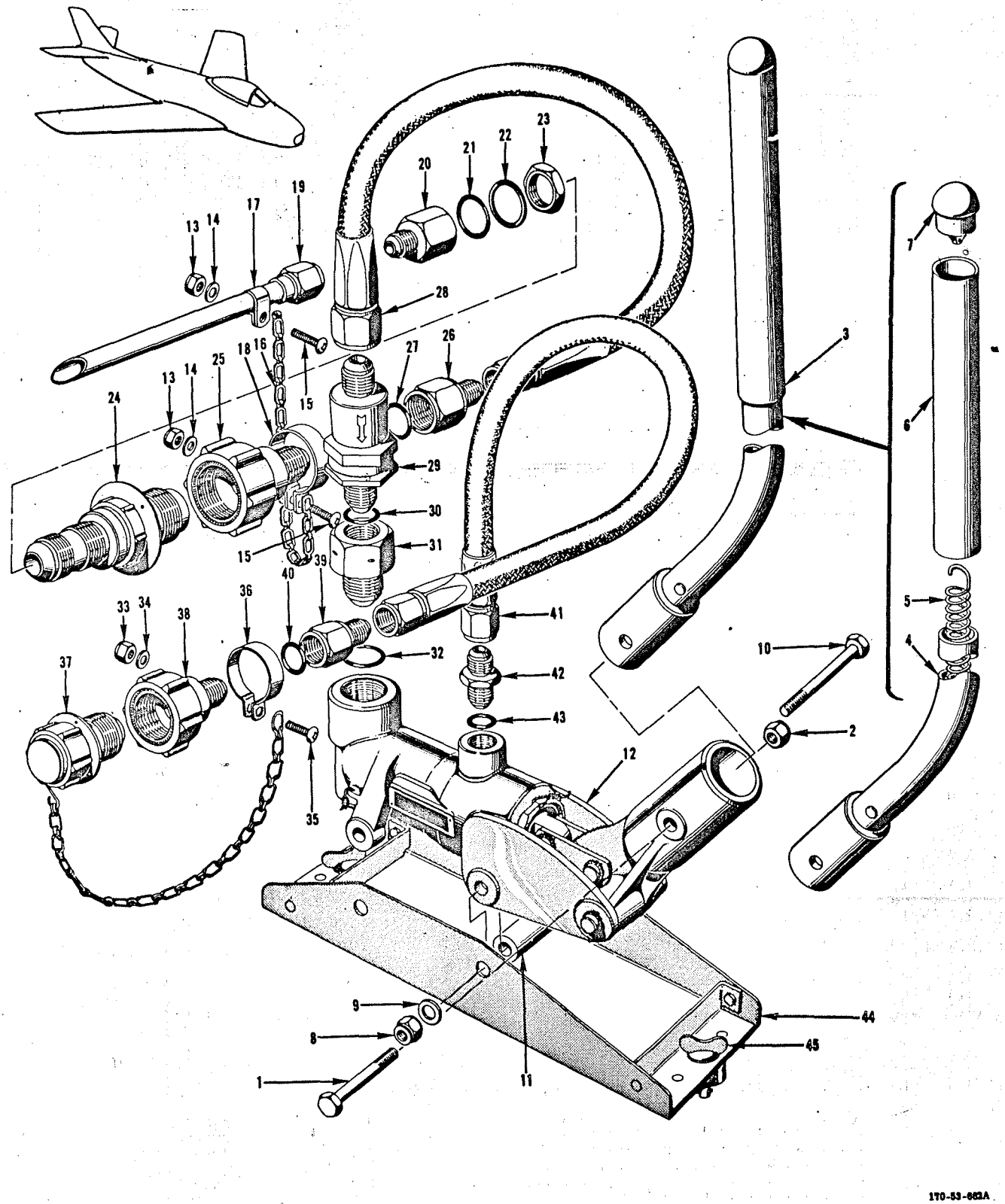


FIGURE 476 - HYDRAULIC GROUND TEST HAND PUMP ASSEMBLY

LOOSE EQUIPMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
476	172-58631	*2	PUMP ASSEMBLY, Hydraulic ground test hand (complete) (see figure 471 for next assembly)	Ref	
-1	AN3-16A	.	BOLT	1	
-2	AN365-1032	.	NUT	1	
-3	172-58141	.	HANDLE ASSEMBLY, Hydraulic ground test hand pump	1	
-4	172-58139	. .	TUBE ASSEMBLY, Hydraulic ground test pump handle	1	
-5	25-58067	. .	SPRING, Hydraulic hand pump control handle retract	1	
-6	172-58138	. .	TUBE, Hydraulic ground test pump handle	1	
-7	140-58214	. .	KNOB, Hydraulic hand pump control handle	1	
-8	AN365-428	.	NUT	2	
-9	AN960D416	.	WASHER	2	
-10	AN4-35A	.	BOLT	2	
-11	NAS43DD4-28	.	SPACER, Screw and bolt	4	
-12	AN6248-2	.	PUMP	1	
-13	AN365-632	.	NUT	2	
-14	AN960D6	.	WASHER	2	
-15	AN515-6R8	.	SCREW	2	
-16	9C1-10	.	CHAIN, Safety (North American)	1	
-17	AN735D6	.	CLAMP	1	
-18	AN735D22	.	CLAMP	1	
-19	165-58400	.	TUBE ASSEMBLY, Hydraulic ground test hand pump supply	1	
-20	AN894D12-6	.	BUSHING	1	
-21	AN6290-12	.	GASKET	1	
-22	AN6291-12	.	RING	1	
-23	AN6289D12	.	NUT	1	
-24	155S2-12D	.	COUPLING, Self sealing (half) (Aeroquip) (Use 155S2-12 untl exh)	1	
-25	E155S5-12D	.	COUPLING, Self sealing (half) (Aeroquip) (Use 155S5-12 untl exh)	1	
-26	AN894D12-6	.	BUSHING	1	
-27	AN6290-12	.	GASKET	1	
-28	AN6271-6-24	.	HOSE ASSEMBLY	1	*1
-29	38390	.	FILTER, Hydraulic oil (Purolator)	1	
-30	AN6290-6	.	GASKET	1	
-31	AN893-12D	.	BUSHING	1	
-32	AN6290-8	.	GASKET	1	
-33	AN365-632	.	NUT	1	
-34	AN960D6	.	WASHER	2	
-35	AN515-6R8	.	SCREW	1	
-36	AN735D15	.	CLAMP	1	
-37	155S9-8	.	PLUG, Quick acting thread dust (Aeroquip)	1	
-38	155S5-6	.	COUPLING, Self sealing (half) (Aeroquip)	1	
-39	AN894D6-4	.	BUSHING	1	
-40	AN6290-6	.	GASKET	1	
-41	AN6271-4-22	.	HOSE ASSEMBLY	1	
-42	AN815-4D	.	UNION	1	
-43	AN6290-4	.	GASKET	1	
-44	172-58136	.	BRACKET ASSEMBLY, Hydraulic ground test hand pump support	1	
-45	W98292-6-.620	. .	STUD, Wing (United-Carr)	2	
	99836	. .	PIN (United-Carr)	2	

*1 Hose assemblies to be procured from only B.F. Goodrich indentified .- (1 dot 1 dash) or Goodyear identified .....- (4 dots 1 dash).
*2 Removed from airplanes modified per T.O. 1F-86F-532.

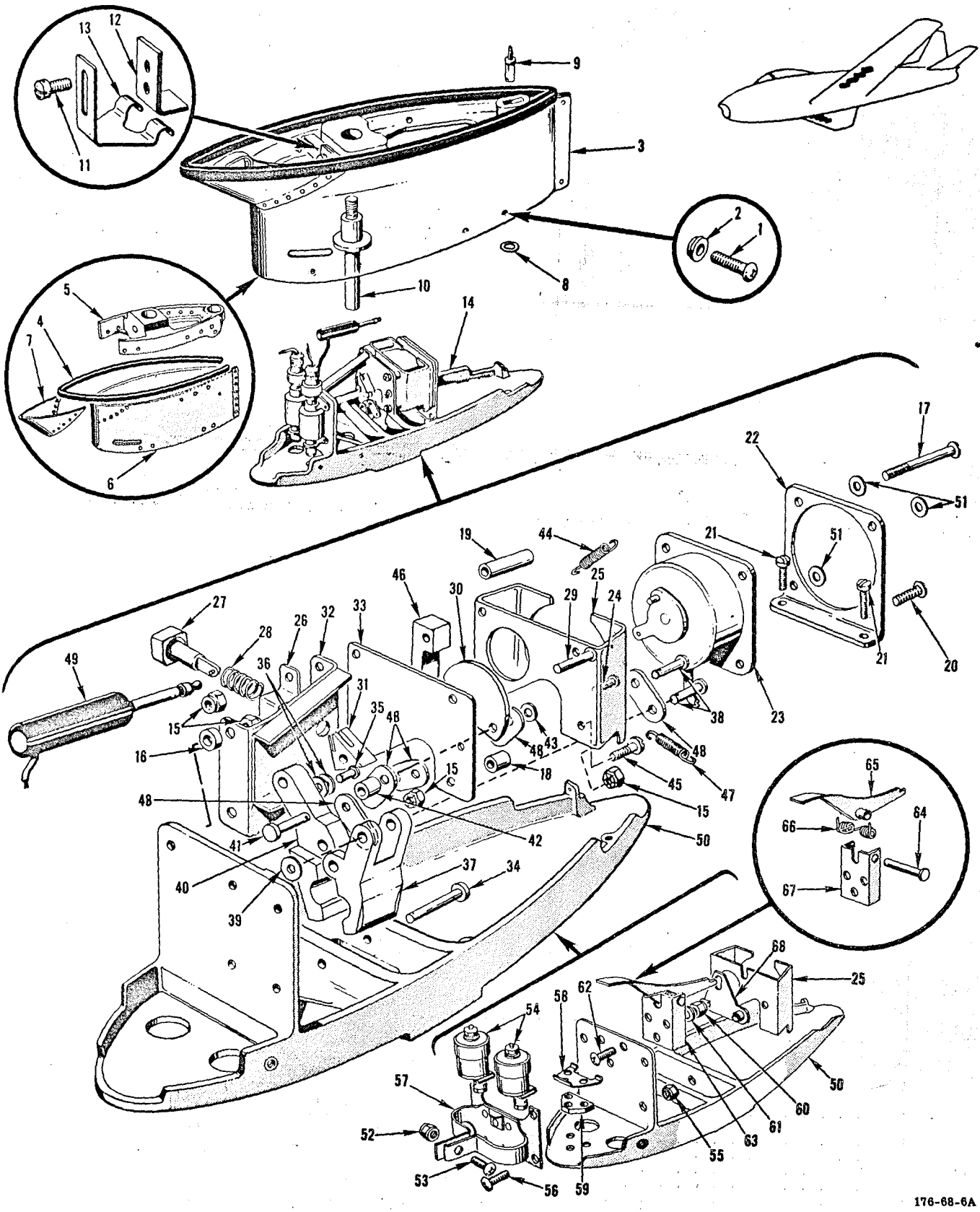


FIGURE 477 - ROCKET FRONT MOUNT ASSEMBLY

LOOSE EQUIPMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
477	170-68002	MOUNT ASSY, Rocket front (see fig. 482 for next assembly)	Ref	
-1	NAS220-8	. SCREW, Brazier head Phillips recess 8-32	8	
-2	151-68010	. BUSHING, Rocket front mount fairing	8	
-3	170-68004	. FAIRING ASSEMBLY, Rocket front mount	1	
-4	7E58-30	. EXTRUSION, Rubber (North American) (use Rubbercraft 270-30 until exh)	1	
-5	140-68011	. . SUPPORT, Rocket front mount post	1	
-6	170-68004-3	. . FAIRING, Rocket front mount	1	
-7	170-68011	. . FAIRING, Rocket front mount electrical plug	1	
-8	AN960-616	. WASHER	1	
-9	140-68018	. LUG, Front mount	1	
-10	227-68015	. POST ASSEMBLY, Rocket front mount (use 151-68008 until exh)	1	
-11	AN500A8-5	. SCREW	2	
-12	140-68052	. CLIP, Rocket mount post retaining	1	
-13	140-68023	. SPRING, Rocket front mount	1	
-14	151-68004-5	. ACTUATOR ASSEMBLY, Rocket front mount	1	
-15	AN365-832	. . NUT	17	
-16	4S3-8-8	. . SPACER, Bolt (North American)	2	
-17	NAS220-29	. . SCREW, Brazier head Phillips recess 8-32	2	
-18	4S3-8-10	. . SPACER, Bolt (North American)	2	
-19	4S3-8-26	. . SPACER, Bolt (North American)	2	
-20	NAS220-9	. . SCREW, Brazier head Phillips recess 8-32	2	
-21	AN500A10-7	. . SCREW	2	
-22	151-68041	. . SUPPORT, Rocket jettison solenoid	1	
-23	C8001-3	. . SOLENOID ASSEMBLY, Rocket actuator (Leland Electric)	1	
-24	AN392-15	. . PIN	1	
-25	140-68040	. . CHANNEL, Rocket front mount mechanism	1	
-26	140-68049	. . GUIDE, Rocket front mount mechanism cocking	1	
-27	140-68047	. . PLUNGER ASSEMBLY, Rocket front mount cocking	1	
-28	140-68046	. . SPRING, Rocket front mount cocking plunger	1	
-29	AN392-27	. . PIN	1	
-30	140-68043	. . SEAR ASSEMBLY, Rocket front mount jettison	1	
-31	140-68051	. . ARM, Rocket front mount cocking	1	
-32	140-68042	. . BRACE ASSEMBLY, Rocket front mount jettison mechanism	1	
-33	140-68039	. . PLATE, Rocket front mount mechanism	1	
-34	AN393-39	. . PIN	1	
-35	AN393-21	. . PIN	1	
-36	4S3-6-3	. . SPACER, Bolt (North American)	2	
-37	140-68015	. . CLAMP, Rocket front mount forked	1	
-38	AN393-19	. . PIN	2	
-39	AN960-10	. . WASHER	2	
-40	140-68016	. . CLAMP, Rocket front mount eye	1	
-41	AN393-23	. . PIN	1	
-42	4S4-6-10	. . SPACER, Rivet (North American)	1	
-43	4S4-6-2	. . SPACER, Rivet (North American)	1	
-44	140-68045	. . SPRING, Rocket front mount jettison	1	
-45	NAS220-13	. . SCREW, Brazier head Phillips recess 8-32	2	
-46	140-68053	. . SPACER, Rocket front mount lock check	2	
-47	140-68050	. . SPRING, Rocket jettison solenoid	1	
-48	140-68017	. . LINK, Rocket front mount	5	
-49	140-54109	. . PLUG, Rocket rack connector (altered from (Henry, Paul) part No. PL68)	1	
-50	152-68012-3	. . BASE ASSY, Rocket front mt	1	
	RL21SB6	. . . RING, Retaining (Rosan)	8	
	R104SH5L	. . . INSERT (Rosan)	8	
-51	AN960-8L	. . WASHER	3	
-52	AN363C1032	. . NUT	1	
-53	7S14-1032-8A	. . SCREW, Round head corrosion resistant	1	
-54	No Number	. . SOLENOID ASSY, Type F1 (GFP)(intrch wth Rhodes Lewis 200087-1)	2	
-55	AN365-1032	. . NUT	4	
-56	7S16-10-11	. . SCREW, 100° Flush head corrosion resistant	4	
-57	172-68005	. . MOUNT ASSEMBLY, Rocket F1 arming unit	1	
-58	172-68009	. . GUARD, Rocket F1 arming unit mounting	1	
-59	172-68010	. . SPACER, Rocket F1 arming unit mounting	1	
-60	AN365-832	. . NUT	3	
-61	AN960D8	. . WASHER	3	
-62	AN515-8-11	. . SCREW	3	
-63	170-68010	. . RELEASE ASSEMBLY, Rocket front mount mechanism	1	
-64	AN393-45	. . . PIN	1	
-65	170-68005	. . . ARM ASSEMBLY, Rocket front mount mechanical release	1	
-66	170-68009	. . . SPRING, Rocket front mount mechanical release arm assembly return	1	
-67	170-68007	. . . SUPPORT, Rocket front mount mech release arm assy	1	
-68	170-68006	. . LOCK ASSEMBLY, Rocket front mount jettison sear	1	

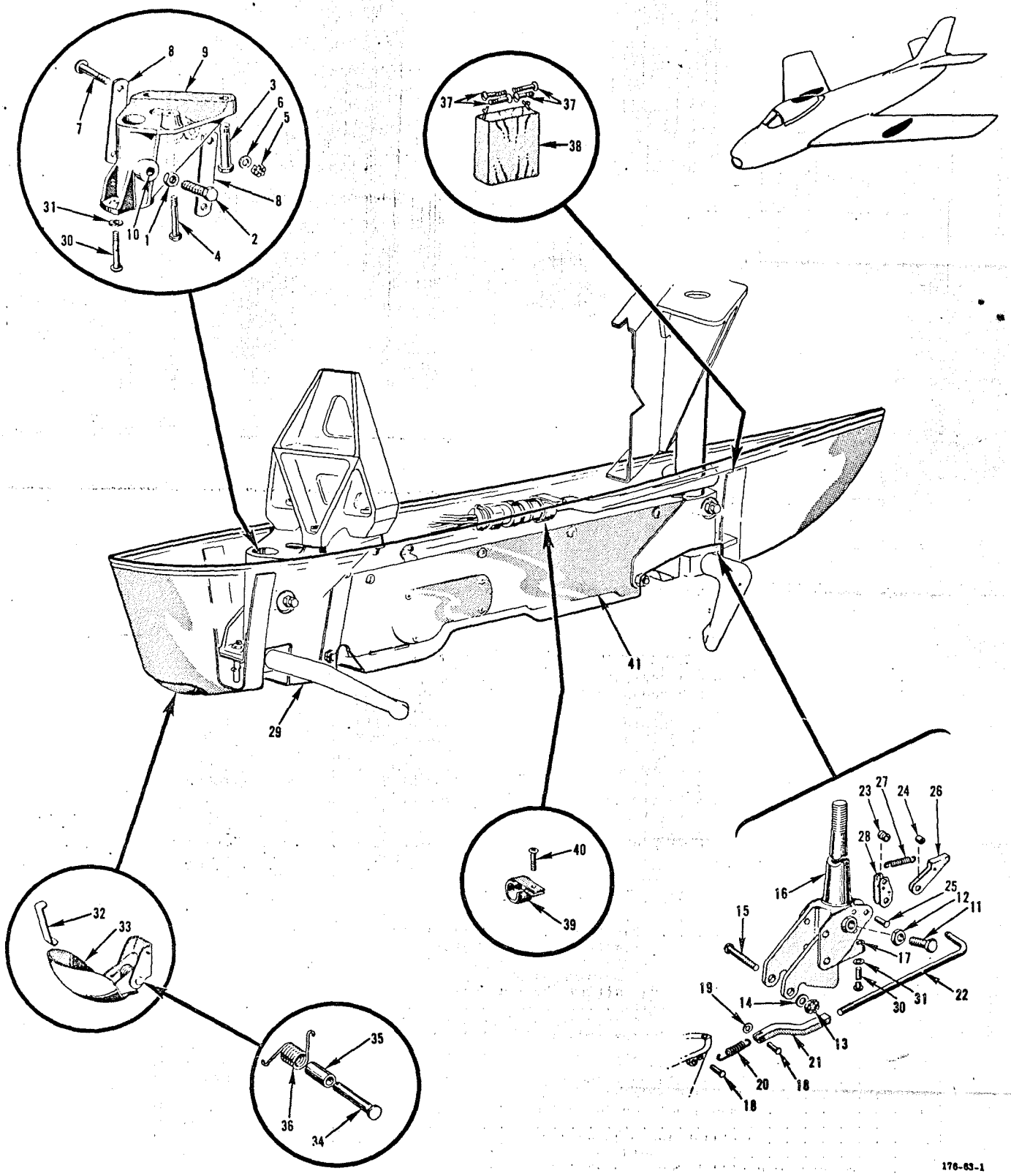


FIGURE 478 - BOMB RACK KIT

LOOSE EQUIPMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
478	151-63002-40	BOMB RACK INSTALLATION, (use 151-63002-30 until exh) (see fig. 471 for next assembly)	NP	A
	151-63001	. BOMB RACK AND CONTROL EQUIPMENT INSTALLATION	1 print	A
-1	AN316-6R	. NUT	1	A
-2	140-63009	. STUD, Outer wing bomb rack sway brace adjustment	1	A
-3	AN6-20A	. BOLT	2	A
-4	AN4-17A	. BOLT	1	A
-5	AN320-5	. NUT	1	A
-6	AN960-516	. WASHER	1	A
-7	AN25-31	. BOLT	2	A
-8	140-63010	. LINK, Outer wing bomb rack front support	2	A
-9	140-63005-11	. SUPPORT ASSEMBLY, Outer wing bomb rack front LH (use 140-63005-1 until exh)	1	A
	140-63005-12	. SUPPORT ASSEMBLY, Outer wing bomb rack front RH (use 140-63005-2 until exh)	1	A
-10	RL38SB9	. . RING, Lock (Rosan)	1	A
	R308SH10	. . INSERT, (Rosan)	1	A
-11	117-63230	. STUD, Standard bomb rack sway brace adjustment	1	A
-12	AN316-6R	. NUT	1	A
-13	AN320-5	. NUT	2	A
-14	AN960-516	. WASHER	2	A
-15	AN25-31	. BOLT	2	A
-16	172-63230	. SUP. ASSY, Wing outer bomb rack rear (use 172-53230 until exh)	1	A
	157-63006-3	. . SUPPORT ASSEMBLY, Outer wing bomb rack rear	1	A
-17	RL27SB8	. . . RING, Lock (Rosan)	1	A
	RD206SH6.5L	. . . INSERT, (Rosan)	1	A
-18	AN393-13	. PIN	2	A
-19	AN960D10	. WASHER	1	A
-20	130-58557	. SPRING, Tension	1	A
-21	170-63222	. FITTING, Manual bomb jettison	1	A
-22	172-63223	. ROD, Manual bomb jettison	1	A
-23	172-63226	. SPACER, Manual bomb jettison	1	A
-24	4B21S3-100	. BUSHING, Spacer (North American)	1	A
-25	AN393-37	. PIN	1	A
-26	172-63225	. LEVER ASSEMBLY, Manual bomb jettison	1	A
-27	180-33222	. SPRING, Tension (use 172-63227 until exh)	2	A
-28	172-63228	. LINE ASSEMBLY, Manual bomb jettison	1	A
-29	151-63015-51	. FAIRING ASSY, Outer wing bomb rack LH (use 151-63005-41 until exh)	1	A
	151-63015-52	. FAIRING ASSY, Outer wing bomb rack RH (use 151-63005-42 until exh)	1	A
-30	140-63011	. . SCREW, Outer wing bomb rack fairing attaching	2	A
-31	2W1-17-18-32	. . WASHER, Plain (North American)	2	A
-32	151-63018	. . LATCH, Outer wing bomb rack fairing electrical receptacle door	1	A
-33	151-63016	. . DOOR ASSEMBLY, Outer wing bomb rack fairing electric receptacle	1	A
-34	AN392-23	. . . PIN	1	A
-35	4S3D4-16	. . . SPACER, Bolt (North American)	1	A
-36	151-63017	. . . SPRING, Outer wing bomb rack fairing electrical receptacle door	1	A
-37	NAS222-14	. . SCREW, Brazier head Phillip's recess 1/4-28	4	A
-38	151-63019	. . BAG ASSEMBLY, Outer wing bomb rack sway brace screw storage	1	A
-39	AN742D21C	. CLAMP	2	A
-40	NAS221-12	. SCREW, Brazier head Phillip's recess alloy steel 10-32	2	A
-41	No Number	. RACK ASSY, Bomb type MA4A (AF dwg 55J4312) (GFAE)	1	A,*1

*1 Refer to T. O. 11B29-3-5-504

USEABLE ON CODE: A 51-2850 thru 51-13169

LOOSE EQUIPMENT (Cont)

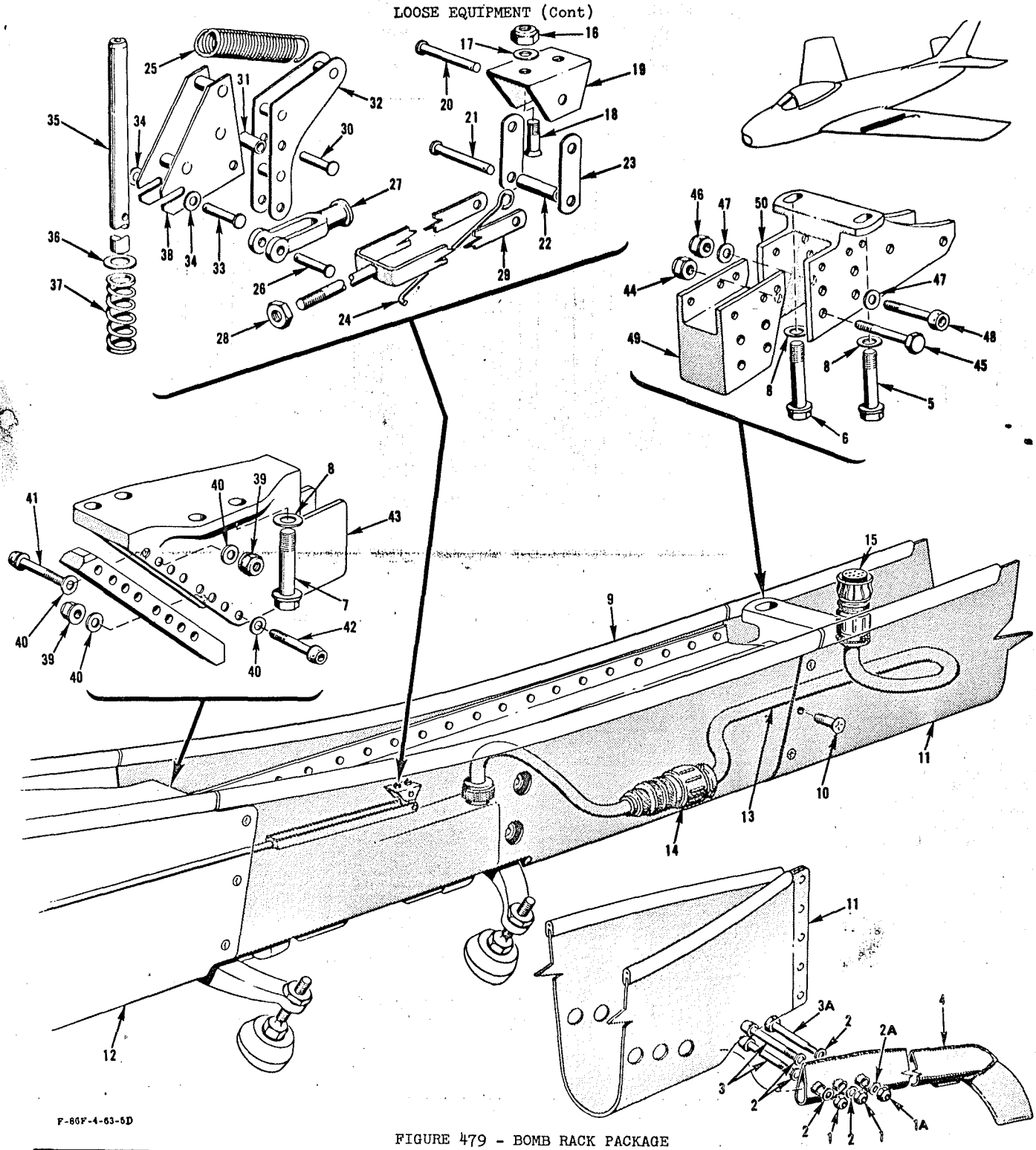


FIGURE 479 - BOMB RACK PACKAGE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
479	187-63002-40	BOMB RACK PACKAGE, (see fig. 471 for next assy) (use 187-63002-30, -20, -10 or 187-63002 until exh)	1	A
	187-63001	. BOMB RACK INSTALLATION DRAWING	1 print	
-1	EB064	. NUT, (Elastic)	2	A
-1A	EB048	. NUT, (Elastic)	1	A
-2	2W10-6	. WASHER, Plain (North American)	5	A
-2A	2W1AL20-22-72	. WASHER, Plain (North American)	1	A
-3	NAS146-49	. BOLT, Internal wrenching steel 5/10-24	2	A
-3A	191-63031	. BOLT, Napalm bomb displacing strut attaching	1	A
-4	191-63030	. STRUT ASSY, Napalm bomb displacing (use 187-63030 until exh)	2	A
-5	187-63015-5	. BOLT, 120 gal fuel tank ferry beam front fitting wing attaching outboard	2	A

LOOSE EQUIPMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
479-6	187-63015-7	.	BOLT, 120 gal fuel tank ferry beam front fitting wing. . . . . attaching inboard	2	A
-7	187-63015-3	.	BOLT, 120 gal fuel tank ferry beam front fit. wing attachg . .	4	A
-8	187-48242	.	WASHER, 120 gal fuel tank ferry beam front fitting wing. . . . attaching bolt	8	A
-9	187-63026-1	.	RACK ASSY, Complete bomb LH (used on 187-63002 only)	1	A
	187-63026-2	.	RACK ASSY, Complete bomb RH (used on 187-63002 only)	1	A
	187-63026-11	.	RACK ASSY, Complete bomb LH (used on 187-63002-10 & -20 only).	1	A
	187-63026-12	.	RACK ASSY, Complete bomb RH (used on 187-63002-10 & -20 only).	1	A
	187-63026-21	.	RACK ASSY, Complete bomb LH (used on 187-63002-30 only). . . .	1	A
	187-63026-22	.	RACK ASSY, Complete bomb RH (used on 187-63002-30 only). . . .	1	A
	187-63026-31	.	RACK ASSY, Complete bomb LH (used on 187-63002-40 only). . . .	1	A
	187-63026-32	.	RACK ASSY, Complete bomb RH (used on 187-63002-40 only). . . .	1	A
	No Number	. .	BOMB RACK FWD SECTION (see fig. 480 for breakdown)	NP	A
-10	AN509-10R..	. .	SCREW	16	A
-11	191-63020-1	. .	FAIRING ASSY, Bomb rack aft section LH (*1) (*5)	1	A
	191-63020-2	. .	FAIRING ASSY, Bomb rack aft section RH (*1) (*5)	1	A
	191-63020-21	. .	FAIRING ASSY, Bomb rack aft section LH (*2,*3,*4)	1	A
	191-63020-22	. .	FAIRING ASSY, Bomb rack aft section RH (*2,*3,*4)	1	A
-12	187-63012-1	. .	FAIRING ASSY, Bomb rack fwd section LH (see fig. 480)(*1,*2)Ref		A
	187-63012-2	. .	FAIRING ASSY, Bomb rack fwd section RH (see fig. 480)(*1,*2)Ref		A
	187-63012-21	. .	FAIRING ASSY, Bomb rack fwd section LH (see fig. 480)(*3,*4)Ref		A
	187-63012-22	. .	FAIRING ASSY, Bomb rack fwd section RH (see fig. 480)(*3,*4)Ref		A
-13	176-54180	. .	HARNESS ASSY, Elec bomb rack	1	A
-14	AN3057-10A	. . .	ADAPTER	1	A
	AN3101A18-1S	. . .	PLUG	1	A
-15	AN3057-10A	. . .	ADAPTER	1	A
	AN3107B18-1S	. . .	PLUG	1	A
	AN3106B18-1S	. . .	PLUG	1	A
-16	AN365-1032	. .	NUT	2	A
-17	AN960D10	. .	WASHER.	2	A
-18	AN509-10R11	. .	SCREW	2	A
-19	187-63040	. .	BRACKET, Bomb rack manual release idler link	1	A
-20	AN392-33	. .	PIN	1	A
-21	AN392-31	. .	PIN	1	A
-22	NAS42DD4-31	. .	SPACER, Rivet	1	A
-23	187-63042	. .	LINK, Bomb rack manual release idler	2	A
-24	187-63041	. .	LEVER, Bomb rack manual release tripping	1	A
-25	180-33222	. .	SPRING, Tension (use 172-63227 until exh)	1	A
-26	AN393-23	. .	PIN	1	A
-27	AN486-3	. .	CLEVIS	1	A
-28	AN316-4R	. .	NUT	1	A
-29	187-63018	. .	ROD ASSY, Bomb shackle manual release push	1	A
-30	AN393-53	. .	PIN	1	A
-31	NAS42DD6-17	. .	SPACER, Rivet	2	A
-32	187-63029	. .	BELLCRANK ASSY, Bomb shackle manual release	1	A
-33	AN393-33	. .	PIN	1	A
-34	AN960D10	. .	WASHER	1	A
-35	187-63017	. .	PLUNGER ASSY, Bomb shackle manual release wing	1	A
-36	AN960D616	. .	WASHER	1	A
-37	175-51070	. .	SPRING, Compression	1	A
-38	187-63014	. .	BELLCRANK ASSY, Bomb shackle manual release	1	A
	187-63011-1	. .	FAIRING ASSY, Bomb rack center section LH (*1,*2)	1	A
	187-63011-2	. .	FAIRING ASSY, Bomb rack center section RH (*1,*2)	1	A
	187-63011-31	. .	FAIRING ASSY, Bomb rack center section LH (*3,*4)	1	A
	187-63011-32	. .	FAIRING ASSY, Bomb rack center section RH (*3,*4)	1	A
-39	EB054	. . .	NUT, (Elastic)	8	A
-40	2W10-5	. . .	WASHER, Plain (North American)	13	A
-41	NAS335-30	. . .	BOLT, 100° close tolerance high strength 1/4-28	3	A
-42	NAS145-49	. . .	BOLT, Internal wrenching 5/16-24	5	A
-43	187-63005-1	. . .	FITTING, Bomb rack center section forward LH	1	A
	187-63005-2	. . .	FITTING, Bomb rack center section forward RH	1	A
-44	AN365-524	. . .	NUT	2	A
-45	AN5-30A	. . .	BOLT	2	A
-46	EB064	. . .	NUT, (Elastic Stopnut)	2	A
-47	2W10-6	. . .	WASHER, Plain (North American)	4	A
-48	NAS146-51	. . .	BOLT, Internal wrenching steel 3/8-24	2	A
-49	187-63039	. . .	BLOCK, Bomb rack aft torque.	1	A
-50	187-63006-1	. . .	FITTING, Bomb rack center section aft LH	1	A
	187-63006-2	. . .	FITTING, Bomb rack center section aft RH	1	A

*1 Used on 187-63026-1 & -2 LH & RH respectively.

*2 Used on 187-63026-11 & -12 LH & RH respectively.

*3 Used on 187-63026-21 & -22 LH & RH respectively.

*4 Used on 187-63026-31 & -32 LH & RH respectively.

*5 182-63020-1 & -2 and 191-63020-1 & -2 removed per T. O. 1F86F-211.

*6 187-63015-3, -5, -7 replaces 187-48241-3,-5,-7 when reworked per T. O. 1F86F-214 & 187-63002 is reidentified as 187-63002-10.

USEABLE ON CODE: A 51-13170 and subs.

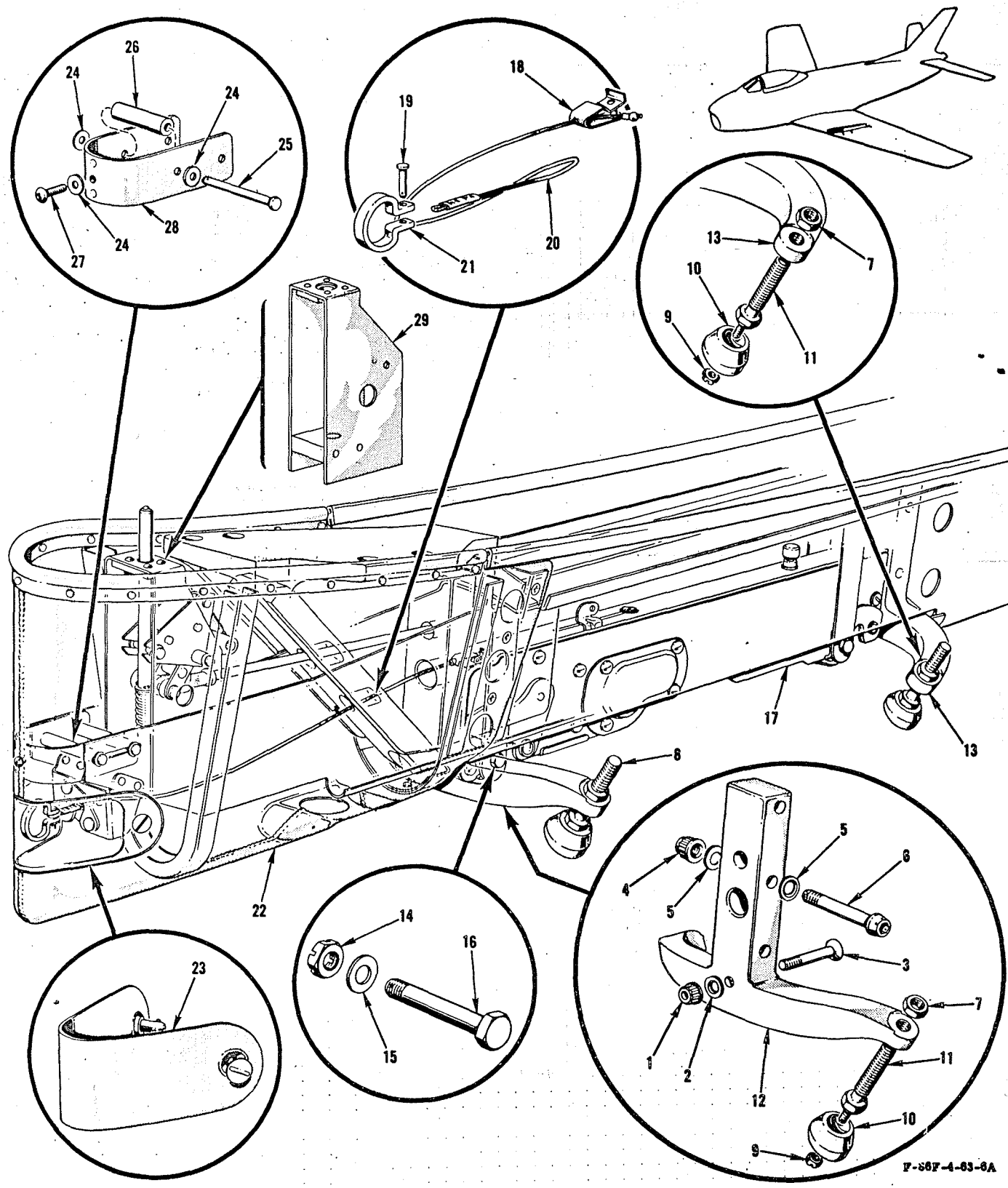


FIGURE 480 - BOMB RACK PACKAGE FORWARD SECTION AND MANUAL COCKING PROVISIONS

LOOSE EQUIPMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
480	No Number	BOMB RACK PACKAGE FORWARD SECTION AND MANUAL COCKING PROVISION, (see figure 479 for next assembly)	NP	A
-1	EB054	. NUT, (Elastic)	1	A
-2	2W10-5	. WASHER, Plain (North American)	1	A
-3	NAS335A17	. BOLT, 100° close tolerance high strength 5/16-24	1	A
-4	EB064	. NUT, (Elastic)	5	A
-5	2W10-6	. WASHER, Plain (North American)	10	A
-6	NAS146-54	. BOLT, Internal wrenching steel 3/8-24 (used on front brace)	3	A
	NAS146-50	. BOLT, Internal wrenching steel 3/8-24 (used on aft brace)	2	A
-7	AN316-7R	. NUT	4	A
-8	187-63022	. FOOT ASSEMBLY, Bomb rack sway brace	4	A
-9	AN320-3	. . NUT	1	A
-10	187-63023	. . FOOT, Bomb rack sway brace	1	A
-11	187-63024	. . STUD, Sway brace foot adjusting	1	A
-12	187-63008-5	. BRACE, Bomb rack 2 inch sway (*1,*2)	1	A
	187-63008-7	. BRACE, Bomb rack 2 inch sway (*3,*4)	1	A
	187-63028	. BRACE ASSEMBLY, Bomb rack sway	1	A
-13	187-63028-3	. . BRACE, Bomb rack sway	1	A
-14	AN320-5	. NUT	2	A
-15	AN960D516	. WASHER	2	A
-16	NAS464-5-26	. BOLT, Shear close tolerance	2	A
-17	227-63025	. RACK ASSY, Cocking strap type MA-4 bomb (AF dwg 53J5290) (intrch wth type MA4A (modification) AF dwg 55J4312 (GFAE)	1	A,*5
	187-63044	. CABLE ASSEMBLY, Bomb rack manual cocking (*3,*4)	1	A
-18	187-63045	. . CLEVIS ASSEMBLY, Bomb rack manual cocking cable	1	A
-19	392-17	. . PIN	1	A
-20	187-63044-3	. . CABLE, Bomb rack manual cocking	1	A
-21	187-63043	. RING, Bomb rack manual cocking	1	A
-22	187-63012-1	. FAIRING ASSEMBLY, Bomb rack forward section LH (*1,*2)	1	A
	187-63012-2	. FAIRING ASSEMBLY, Bomb rack forward section RH (*1,*2)	1	A
	187-63012-21	. FAIRING ASSEMBLY, Bomb rack forward section LH (*3,*4)	1	A
	187-63012-22	. FAIRING ASSEMBLY, Bomb rack forward section RH (*3,*4)	1	A
-23	187-63012-17	. . DOOR, Bomb rack manual cocking door	1	A
-24	AN960D10	. . WASHER	3	A
-25	AN393-65	. . PIN	2	A
-26	NAS42DD6-94	. . SPACER, Rivet	2	A
-27	AN520-10R12	. . SCREW	1	A
-28	187-63031	. BRACKET ASSY, Bomb rack fwd fairing attach	1	A
-29	187-63013	. BRACKET ASSY, Bomb shackle manual release	1	A

*1 Used on 187-63026-1 & -2 LH & RH respectively
*2 Used on 187-63026-11 & -12 LH & RH respectively
*3 Used on 187-63026-21 & -22 LH & RH respectively
*4 Used on 187-63026-31 & -32 LH & RH respectively
*5 Refer to T.O. 11B29-3-5-504

USEABLE ON CODE: A 51-13170 and subs

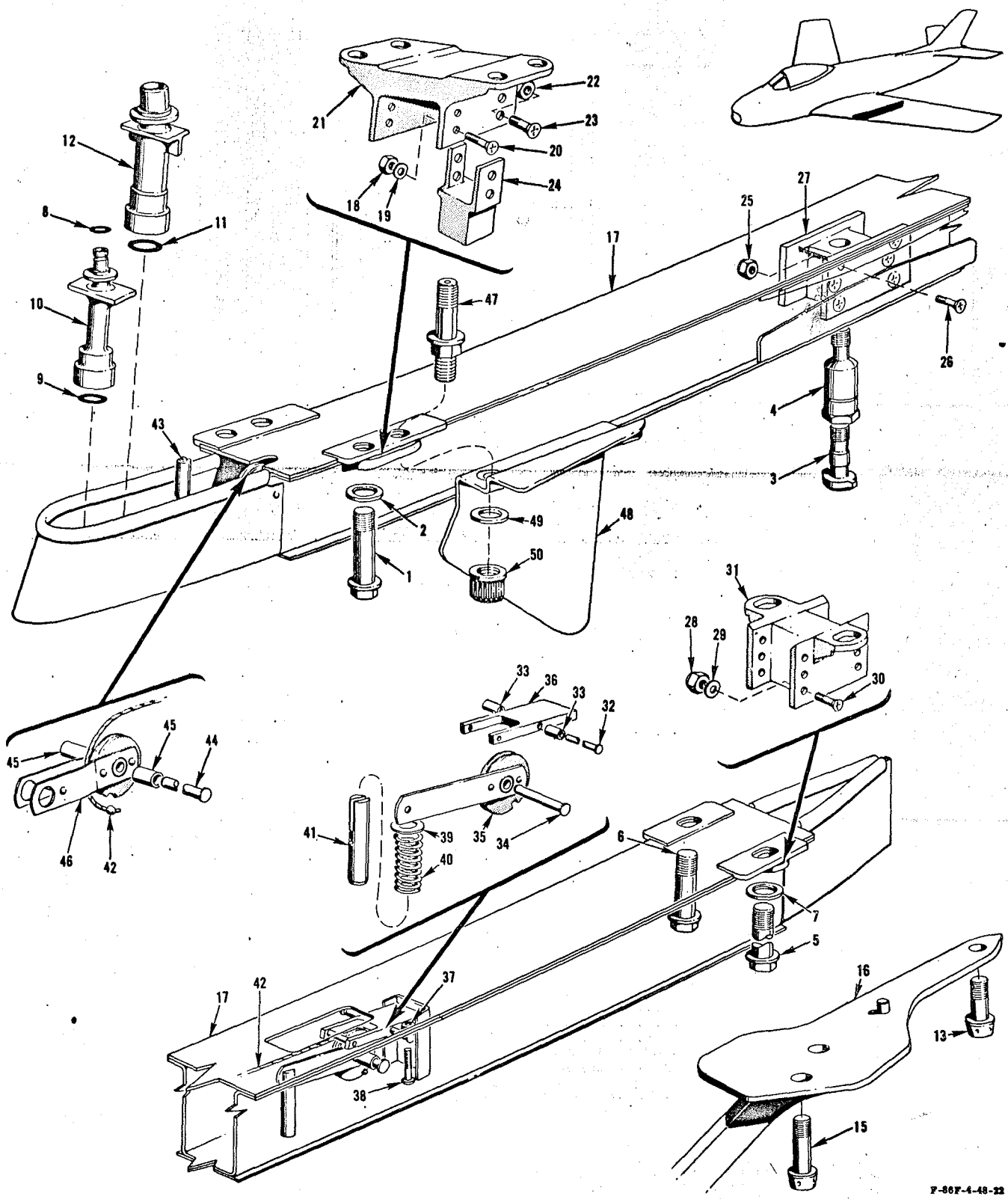


FIGURE 481 - FERRY BEAM PACKAGE

LOOSE EQUIPMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
481	187-48220	*1	FERRY BEAM PACKAGE, (see figure 471 for next assembly)	Ref	A
	187-48220-10		FERRY BEAM PACKAGE, (see figure 471 for next assembly)	Ref	A
	187-48222-1		. BEAM INSTALLATION, 120 gallon fuel tank ferry LH.	1 print	
	187-48222-2		. BEAM INSTALLATION, 120 gallon fuel tank ferry RH.	1 print	
-1	187-63015-3	*1*2	. . BOLT, 120 gal fuel tank ferry beam front fitting wing attaching	4	A
-2	187-48242		. . WASHER, 120 gallon fuel tank ferry beam front fitting wing attaching bolt	2	A
-3	187-48236		. . STUD, Ferry beam fuel drop tank support	1	A
-4	187-48237		. . POST, Ferry beam fuel drop tank support	1	A
-5	187-63015-7	*1	. . BOLT, 120 gal fuel tank ferry beam front fitting wing attaching	2	A
-6	187-63015-5	*1	. . BOLT, 120 gal fuel tank ferry beam front fitting wing attaching	2	A
-7	187-48242		. . WASHER, 120 gallon fuel tank ferry beam front fitting wing attaching bolt	4	A
-8	AN934-7		. . PACKING	1	A
-9	AN934-15		. . PACKING	1	A
-10	187-48299		. . FITTING, 120 gallon fuel tank ferry beam air line disconnect	1	A
-11	AN934-19		. . PACKING	1	A
-12	187-48298		. . FITTING, 120 gallon fuel tank ferry beam fuel line disconnect	1	A
-13	NAS145DH14		. . BOLT, Internal wrenching steel 5/16-24	1	A
-14	DELETED				
-15	NAS148DH21		. . BOLT, Internal wrenching steel 1/2-20	1	A
-16	187-48239-5		. . FITTING,ASSY, Ferry fuel tank wing strut LH (forging)	1	A
	187-48239-6		. . FITTING ASSY, Ferry fuel tank wing strut RH (forging)	1	A
	187-48240		. . FITTING ASSY, Ferry fuel tank wing strut RH (forging)	1	A
-17	187-48223-101		. . BEAM ASSY, 120 gallon fuel tank ferry LH (use 187-48223-1 unt1 exh)	1	A
	187-48223-102		. . BEAM ASSY, 120 gallon fuel tank ferry RH (use 187-48223-2 unt1 exh)	1	A
-18	AN365-428		. . . NUT	4	A
-19	AN960D416		. . . WASHER	4	A
-20	AN509-416-13		. . . SCREW	4	A
-21	187-48225-1		. . . FITTING, 120 gallon fuel tank ferry beam front LH	1	A
	187-48225-2		. . . FITTING, 120 gallon fuel tank ferry beam front RH	1	A
-22	AN365-524		. . . NUT	2	A
-23	AN509-516-13		. . . SCREW	2	A
	AN509-516-16		. . . SCREW	2	A
-24	187-48227		. . . FITTING, 120 gallon fuel tank ferry beam front post support	1	A
-25	AN365-428		. . . NUT	12	A
-26	AN509-416-12		. . . SCREW	4	A
	AN509-416-14		. . . SCREW	4	A
	AN509-416-16		. . . SCREW	4	A
-27	187-48238		. . . FITTING, Ferry beam fuel drop tank support	1	A
-28	AN365-1032		. . . NUT	12	A
-29	AN960D10		. . . WASHER	12	A
-30	AN509-10-12		. . . SCREW	12	A
-31	187-48226-1		. . . FITTING, 120 gallon fuel tank ferry beam rear LH	1	A
	187-48226-2		. . . FITTING, 120 gallon fuel tank ferry beam rear RH	1	A
-32	AN393-81		. . . PIN	1	A
-33	NAS42C6-30		. . . SPACER, Rivet	1	A
-34	AN392-13		. . . PIN	1	A
-35	187-48229-1		. . . LEVER ASSY, 120 gal fuel tank ferry beam manual release aft LH	1	A
	187-48229-2		. . . LEVER ASSY, 120 gal fuel tank ferry beam manual release aft RH	1	A
-36	187-48235-1		. . . LEVER, 120 gal fuel tank ferry beam manual release cable tensioning LH	1	A
	187-48235-2		. . . LEVER, 120 gal fuel tank ferry beam manual release cable tensioning RH	1	A
-37	22A27-22-02		. . . NUT	1	A
-38	AN520-10R32		. . . SCREW	1	A
-39	AN960D616		. . . WASHER	1	A
-40	187-48234		. . . SPRING, Compression	1	A
-41	187-48231		. . . PLUNGER, 120 gal fuel tank ferry beam manual rel aft	1	A
-42	187-48233		. . . CABLE ASSY, 120 gal fuel tank ferry beam manual release	1	A
-43	187-48230		. . . PLUNGER ASSY, 120 gal fuel tank ferry beam manual release forward	1	A
	187-48244		. . . RETAINER, 120 gal fuel tank ferry beam manual release barrel nut	1	A
-44	AN394-77		. . . PIN	1	A

(Nomenclature continued on next page)

LOOSE EQUIPMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
481-45	NAS42C8-50	. . .	SPACER, Rivet	2	A
-46	187-48228	. . .	LEVER ASSY, 120 gal fuel tank ferry beam manual release forward	1	A
-47	202-681008	*3	BOLT, Attaching front fitting wing ferry beam, 120 gal fuel tank sidewinder missile guard	1	B
-48	202-681009-1	*3	VANE, Guide ferry beam 120 gal fuel tank, sidewinder missile guard LH	1	B
	202-681009-2	*3	VANE, Guide ferry beam 120 gal fuel tank, sidewinder missile guard RH	1	B
-49	MS20002-8	*3	WASHER	1	B
-50	EE 080	*3	NUT, (Elastic)	1	B

*1 187-63015-3, -5, -7 replace 187-48242-3, -5, -7 when reworked per T.O. 1F-86F-214 & 187-48220 is re-identified as 187-48220-10.
*2 187-63015-3 bolt is removed on airplanes coded B when the ferry beam is used with the GAR-8 sidewinder missile pylon, refer to T.O. 1F-86F-533.
*3 Used on airplanes coded B modified per T.O. 1F-86F-533.

USEABLE ON CODE: A 51-13170 and subs

B 51-13170 thru 61-13510,
52-5272 thru 52-5521,
52-5523 thru 52-5530,
52-4305 thru 52-5015,
52-5017 thru 52-5163

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LOOSE EQUIPMENT (Cont)

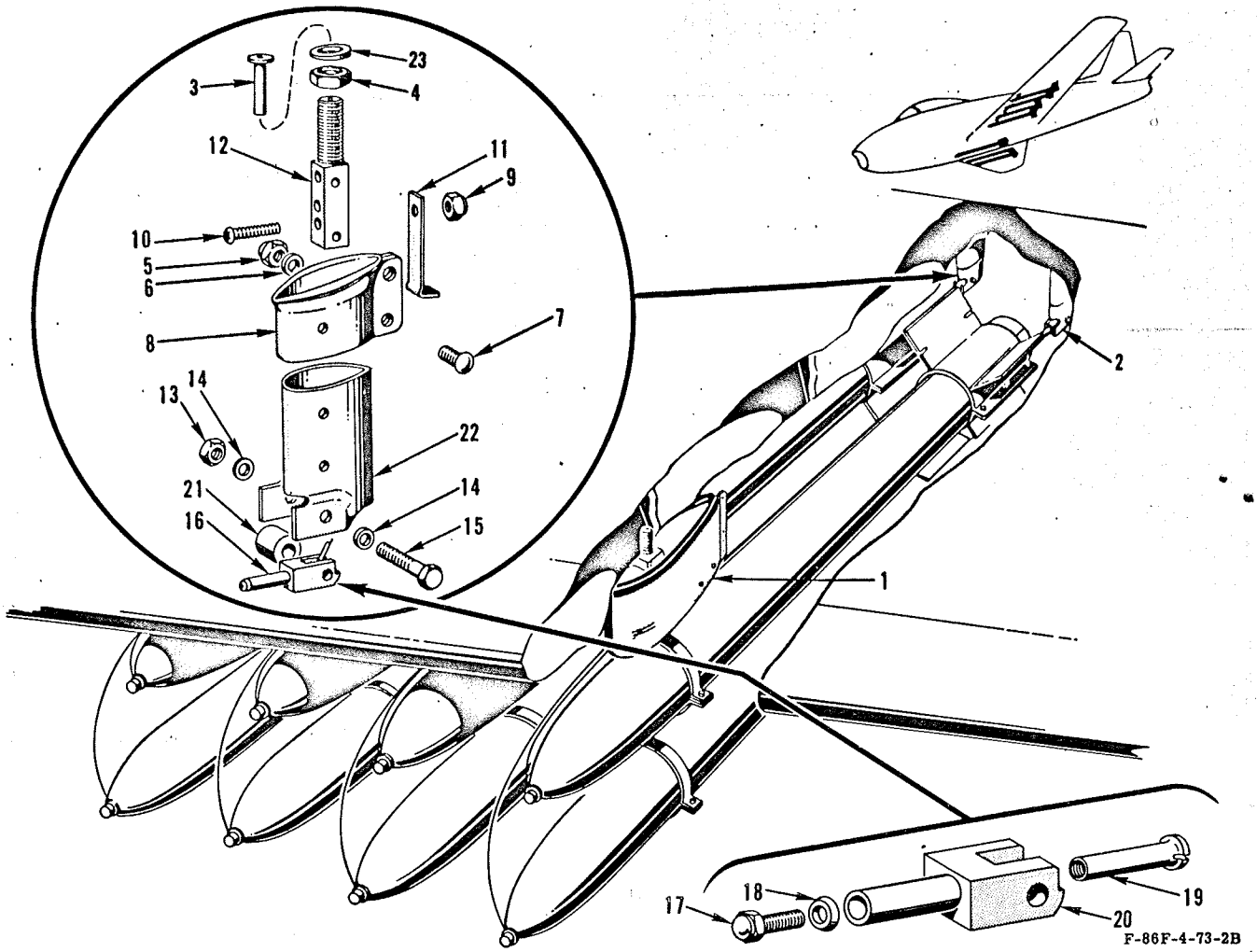
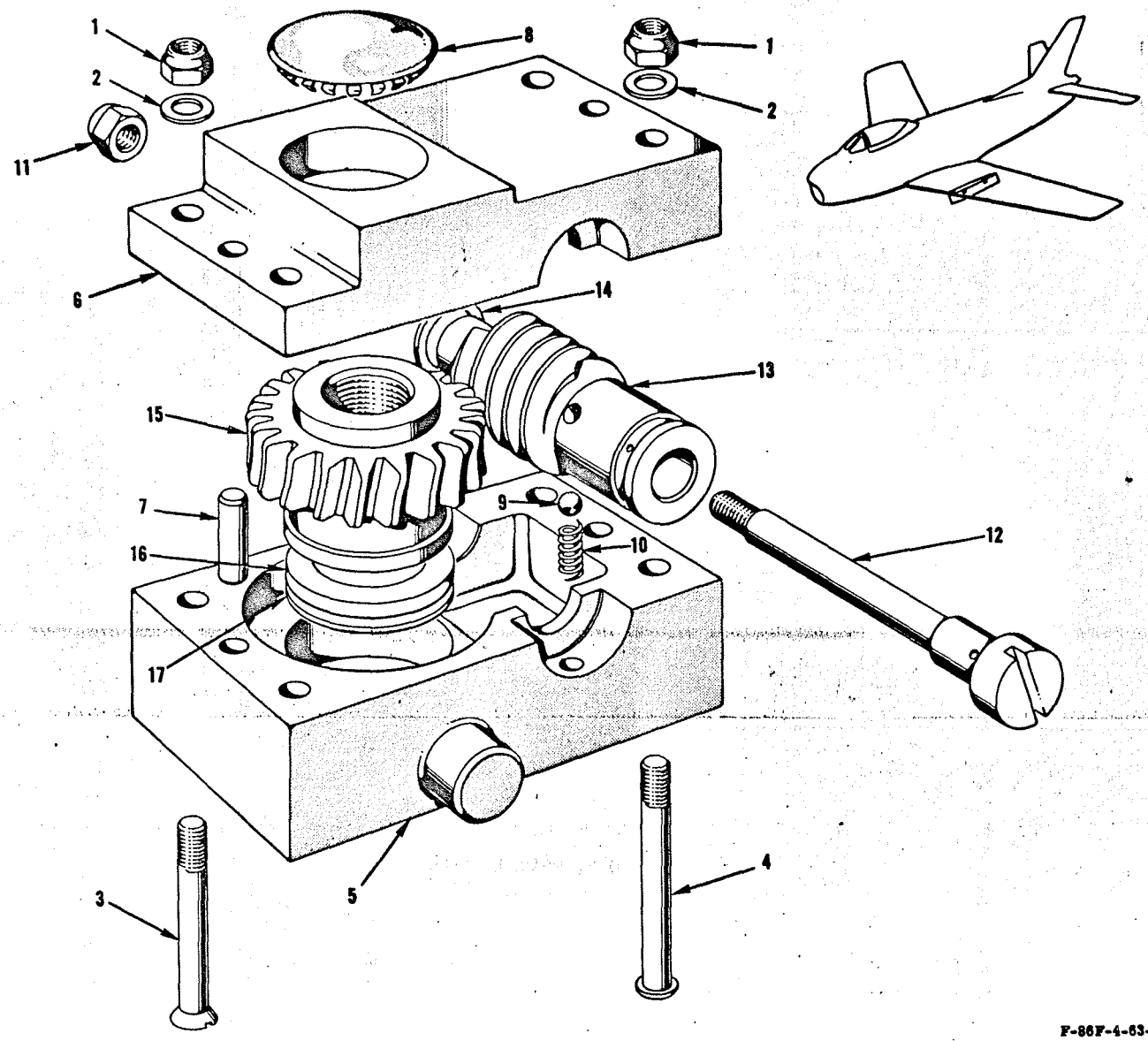


FIGURE 482 - ROCKET EQUIPMENT KIT

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
482	151-89001-5	ROCKET EQUIPMENT KIT, (see figure 471 for next assembly)	Ref	
	151-89001	. ROCKET EQUIPMENT KIT	1 print	
	151-68001	. ROCKET INSTALLATION, 5 inches HVA	1 print	
-1	170-68002	. MOUNT ASSY, Rocket front (see figure 458 for breakdown)	8	
-2	151-68032-5	. MOUNT ASSY, Rocket rear LH (use 151-68032-1 or -3 untl exh)	8	
	151-68032-6	. MOUNT ASSY, Rocket rear RH (use 151-68032-2 or -4 untl exh)	8	
-3	140-68033-3	. . INSULATOR, Rocket mount rear (use 140-68033 untl exh)	1	
-4	AN316-8R	. . NUT	1	
-5	AN365-832	. . NUT	2	
-6	AN960-8L	. . WASHER	2	
-7	AN515-8-7	. . SCREW	2	
-8	140-68032-1	. . SLEEVE, Rocket mount rear LH	1	
	140-68032-2	. . SLEEVE, Rocket mount rear RH	1	
-9	AN365-1032	. . NUT	1	
-10	NAS221-14	. . SCREW, Brazier head Phillips recess 10-32	1	
-11	151-68029	. . SPRING, Rocket rear mount jettison	1	
-12	151-68030	. . SCREW, Rocket mount rear	1	
-13	AN320-4	. . NUT	1	
-14	AN960-416L	. . WASHER	2	
-15	AN4-14	. . BOLT	1	
-16	161-68035-60	. . PLUG ASSEMBLY, Rocket rear mount electrical (use 161-68035 untl exh)	8	
-17	191-68011	. . . SCREW, Rocket rear mount plug electrical (use 157-68061 untl exh)	8	
-18	157-68062	. . . WASHER, Rocket rear mount plug electrical	8	
-19	157-68060	. . . INSULATOR, Rocket rear mount fin elec plug aft	8	
-20	187-68083	. . . HOUSING, Rocket rear mount elec plug (use 161-68036 untl exh)	8	
-21	4S3-416-13	. . SPACER, Bolt (North American)	1	
-22	151-68031	. . COLUMN, Rocket mount rear	1	
-23	140-68034-11	. WASHER ASSEMBLY, Rocket mount rear (use 140-68034 untl exh)	16	

LOOSE EQUIPMENT (Cont)

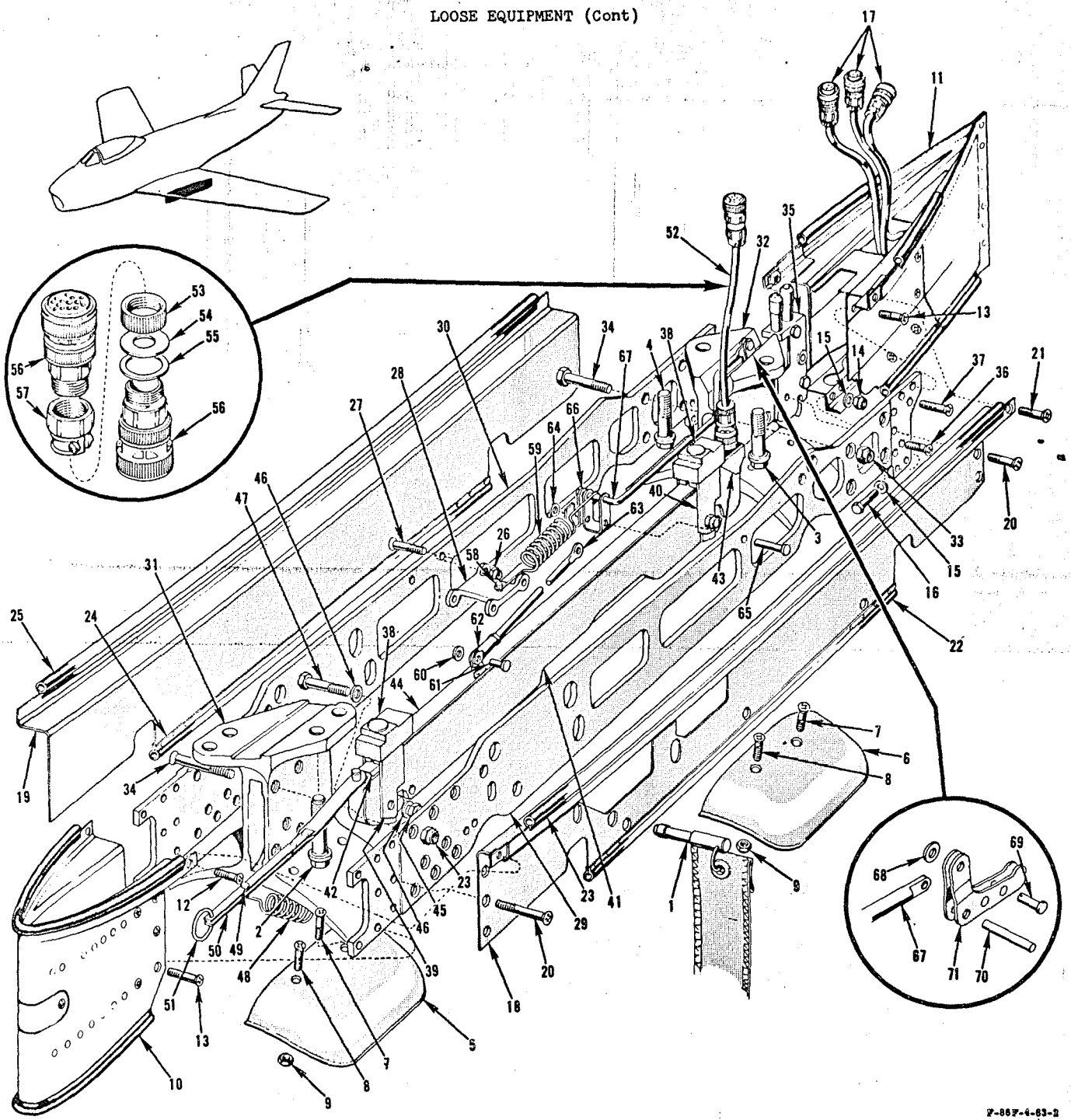


F-86F-4-63-1

FIGURE 483 - EXTERNAL STORE RACK SHACKLE ADJUSTING GEAR ASSEMBLY

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
483	187-63126		GEAR ASSY, External store rack shackle adjusting . . . . . (see figure 484 for next assembly)	Ref	A
	187-63127	.	HOUSING ASSY, External store rack shackle adjusting gear .	1	A
	ATTACHING PARTS				
-1	AN365-1032	.	NUT	4	A
-2	AN960D10	.	WASHER	4	A
-3	AN509-10-25	.	SCREW	2	A
-4	NAS221-30	.	SCREW	2	A
	---*---				
-5	187-63127-3	. .	HOUSING, External store rack shackle adjusting gear . .	1	A
-6	187-63127-5	. .	HOUSING, External store rack shackle adjusting gear . .	1	A
-7	147-62124	. .	PIN, Tail turret selsyn and drive clutch dowl	2	A
-8	48155	.	PLUG, (United-Carr)	1	A
-9	COMM	.	BALL, Corrosion resistant 5/32 (Strom Steel Ball)	1	A
-10	187-63134	.	SPRING, Tension	1	A
-11	AN365-1032	.	NUT	1	A
-12	187-63133	.	SHAFT, External store rack shackle adjusting worm drive . .	1	A
-13	187-63129	.	WORM, External store rack shackle adjusting	1	A
-14	2W2B24-19-.062	.	WASHER, Thrust (North American)	1	A
-15	187-63128	.	GEAR, External store rack shackle adjusting nut worm . . .	1	A
-16	2W2B42-31-.062	.	WASHER, Thrust (North American)	AR	A
-17	2W2B42-31-.067	.	WASHER, Thrust (North American)	AR	A
	USEABLE ON CODE: A		52-5164 thru 52-5271 53-1072 thru 53-1228		

LOOSE EQUIPMENT (Cont)



F-86F-4-63-2

FIGURE 484 - BOMB RACK PACKAGE

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
484	187-63004	BOMB RACK PACKAGE, (see figure 471 for next assembly)	Ref	A
	187-63101	. RACK INSTALLATION, 1200 pound external store	1 print	A
-1	187-63157	. PIN ASSY, 1200 pound external store rack lock	1	A
	187-63104-31 *5	. RACK ASSY, 1200 lb ext store	1	A
	ATTACHING PARTS			
-2	187-63015-3	. BOLT, External store pylon attaching	2	A
-3	187-63015-5	. BOLT, External store pylon attaching	1	A
-4	187-63015-7	. BOLT, External store pylon attaching	1	A
		---*---		
-5	187-63143-10	. . FAIRING ASSY, 1200 lb external store rack sway brace . . .	2	A
-6	187-63143-1	. . FAIRING ASSY, 1200 lb external store rack sway brace LH . .	1	A
	187- 63143-2	. . FAIRING ASSY, 1200 lb external store rack sway brace RH . .	1	A
-7	AN509-10R12	. . SCREW	4	A
-8	AN509-10R11	. . SCREW	4	A
-9	52-1650-020	. . NUT, (Elastic)	8	A

FIGURE & INDEX NUMBER	PART NUMBER		1	2	3	4	5	6	7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
484-10	187-63108		.	.						FAIRING ASSY, 1200 lb ext store front (see fig. 485) for breakdown)	1	A
-11	187-63111		.	.						FAIRING ASSY, 1200 lb ext store rear (see fig. 485)	1	A
-12	AN509-10R7		.	.						SCREW	2	A
-13	AN509-10R12		.	.						SCREW	14	A
-14	AN365-1032		.	.						NUT	4	A
-15	2W18-10		.	.						WASHER, Flat (North American)	8	A
-16	AN23-10A		.	.						BOLT	4	A
-17	187-54302		.	.						HARNESS ASSY, Elec special stores pylon (see Fig. 485)	1	A
-18	187-63109		.	.						FAIRING ASSY, 1200 lb ext store rack center outboard	1	A
-19	187-63110		.	.						FAIRING ASSY, 1200 lb ext store rack center inboard	1	A
	ATTACHING PARTS											
-20	AN509-10R12		.	.						SCREW	12	A
-21	AN509-10R7		.	.						SCREW	2	A
	---*---											
-22	187-63109-17		.	.						. SEAL, 1200 lb external store rack center outboard	1	A
-23	187-63109-19		.	.						. SEAL, 1200 lb external store rack center outboard	1	A
-24	187-63110-15		.	.						. SEAL, 1200 lb external store rack center inboard	1	A
-25	187-63110-17		.	.						. SEAL, 1200 lb external store rack center inboard	1	A
-26	AN365-1032		.	.						NUT	12	A
-27	AN509-10R14		.	.						SCREW	12	A
-28	187-63135		.	.						SPACER, 1200 lb external stores rack beam	3	A
-29	187-63107-1	*1	.	.						BEAM ASSY, 1200 lb external stores rack LH	1	A
	187-63107-11	*2	.	.						BEAM ASSY, 1200 lb external stores rack LH	1	A
-30	187-63107-2	*1	.	.						BEAM ASSY, 1200 lb external stores rack RH	1	A
	187-63107-12	*2	.	.						BEAM ASSY, 1200 lb external stores rack RH	1	A
-31	187-63102-3		.	.						SUPPORT, 1200 pound external store rack front	1	A
-32	187-63106-3	*2	.	.						SUPPORT, 1200 pound external store rack rear	1	A
	187-63106-5	*1	.	.						SUPPORT, 1200 pound external store rack rear	1	A
-33	52-1650-048		.	.						NUT, (Elastic)	12	A
-34	AN509-416R38		.	.						SCREW	12	A
-35	187-63112	*3	.	.						CONTROL ASSY, Ext store arming (see fig. 472 for breakdown)	1	A
	227-63215	*4	.	.						CONTROL ASSY, Ext store arming (see fig. 487A for bkdn)	1	A
	ATTACHING PARTS											
-36	AN509-10R32	*3	.	.						SCREW	1	A
-37	AN509-10R33	*3	.	.						SCREW	1	A
	AN509-10R24	*4	.	.						SCREW	1	A
	AN509-10R23	*4	.	.						SCREW	1	A
	2W18-10	*4	.	.						WASHER, Flat (North American)	2	A
	AN365-1032	*4	.	.						NUT	2	A
	---*---											
-38	187-63126		.	.						GEAR ASSY, Ext store rack shackle adjusting (see fig. 483 for breakdown)	2	A
-39	187-63154		.	.						YOKE ASSY, External store rack shackle adjusting front	1	A
-40	187-63130		.	.						YOKE ASSY, External store rack shackle adjusting	1	A
-41	187-63103		.	.						RACK ASSY, Type S3 external store	1	A
-42	187-63136		.	.						. STUD ASSY, 1200 lb ext store S3 rack manual cocking	1	A
-43	187-63132		.	.						. BRACKET ASSY, Type S3 bomb rack elec receptacle	1	A
-44	No Number		.	.						. RACK ASSY, Bomb type S3 (Spec MIL-R6198) (GFAE) (AERNO). 64-2365) (refer to T. O. 11-5C-10 for breakdown)	1	A
-45	AN320-6		.	.						NUT	2	A
-46	2W18-616		.	.						WASHER, Flat (North American)	4	A
-47	AN26-34		.	.						BOLT	2	A
-48	187-63150		.	.						SPRING, Tension	1	A
-49	AN392-9		.	.						PIN	1	A
-50	187-63140		.	.						BAR ASSY, 1200 lb external store rack cocking	1	A
-51	NO Number		.	.						KEY RING, 1 1/4 dia (Union Hdwe)	1	A
-52	191-54114		.	.						HARNESS ASSEMBLY, Electrical S3 bomb rack	1	A
-53	AN3054-10		.	.						. NUT	1	A
-54	2W1F28-33-40		.	.						. WASHER, Plain (North American)	1	A
-55	2W1SR20-33-40		.	.						. WASHER, Plain (North American)	1	A
-56	AN3106B18-1S		.	.						. PLUG	2	A
-57	AN3057-10A		.	.						. ADAPTER	1	A
-58	AN393-13		.	.						PIN	1	A
-59	187-63142		.	.						SPRING, Tension	1	A
-60	2W18-10		.	.						WASHER, Flat (North American)	1	A
-61	AN393-9		.	.						PIN	1	A
-62	187-63122		.	.						FITTING, External store rack manual release rod	1	A
-63	187-63123-3		.	.						ROD, External store rack manual release	1	A
-64	2W18-10		.	.						WASHER, Flat (North American)	1	A
-65	AN393-65		.	.						PIN	1	A
-66	187-63146		.	.						ARM ASSY, External store rack manual release rod idler	1	A
-67	187-63159		.	.						ROD, External store rack manual release rear	1	A
-68	2W18-10		.	.						WASHER, Flat (North American)	1	A
-69	AN393-7		.	.						PIN	1	A
-70	187-63137		.	.						PIN, External store rack manual release retaining	1	A
-71	187-63121	*1	.	.						BELLCRANK ASSEMBLY, External store rack manual release	1	A
	203-63121	*2	.	.						BELLCRANK ASSEMBLY, External store rack manual release	1	A

*1 Used on 187-63104 only. *2 Used on 187-63104-11 only
*3 Not used on airplanes modified per T. O. 1F-86F-518
*4 Used on airplanes modified per T. O. 1F-86F-518
*5 187-63104 or -11 are re-identified to 187-63104-31 whn reworked per T.O. 1F-86F-518

USEABLE ON CODE: A 52-5164 thru 52-5271, 53-1072 thru 53-1228

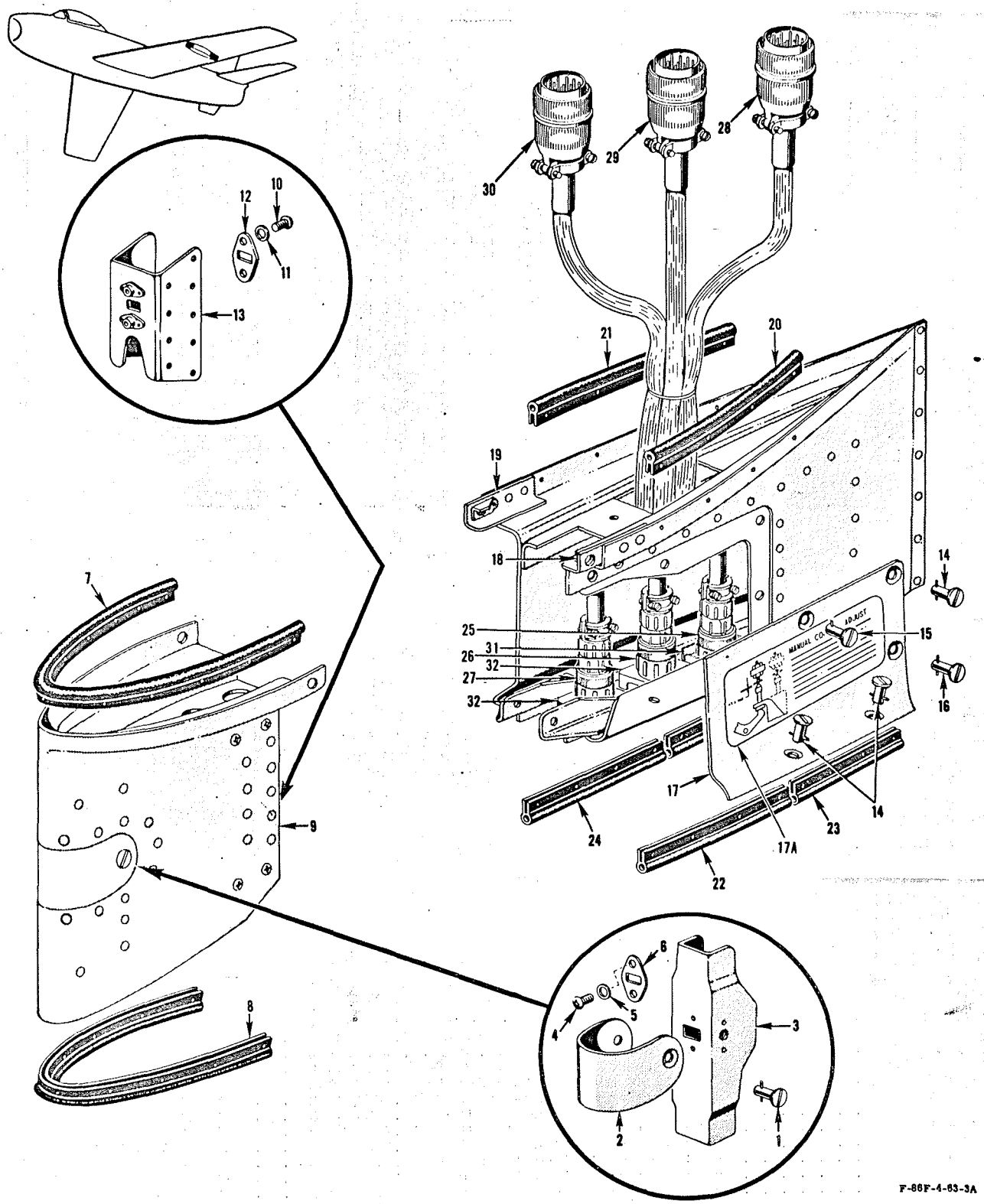


FIGURE 485 - 1200 POUND EXTERNAL STORES FORWARD AND REAR FAIRING AND HARNESS ASSEMBLIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
485		1200 POUND EXTERNAL STORES FORWARD AND REAR FAIRING AND HARNESS ASSEMBLIES		
	187-63108	FAIRING ASSY, 1200 lb ext store front (see fig. 484 for next assembly)	Ref	A
-1	98265-2-.170	STUD, (United-Carr)	2	A
	99947P.130	RECEPTACLE, (United-Carr)	2	A
	99836	PIN, (United-Carr)	2	A
-2	187-63108-13	DOOR, 1200 pound external store front	1	A
-3	187-63108-7	INTERCOSTAL, 1200 pound external store front	1	A
-4	AN520-10R10	SCREW	2	A
-5	2W18-10	WASHER, Flat (North American)	2	A
-6	187-63149	FAIRLEAD, 1200 lb external store pack cocking bar assy	1	A
-7	187-63108-19	SEAL, 1200 lb external store front	1	A
-8	187-63108-21	SEAL, 1200 lb external store front	1	A
-9	187-63108-3	FAIRING, 1200 lb external store front	1	A
-10	AN520-10R10	SCREW	2	A
-11	2W18-10	WASHER, Flat (North American)	2	A
-12	187-63149	FAIRLEAD, 1200 lb external store rack cocking bar assy	1	A
-13	187-63108-23	BUCKHEAD, 1200 lb external store front	1	A
	187-63111	FAIRING ASSY, 1200 lb external stores rack rear (see figure 484 for next assembly)	Ref	A
-14	98265-2-.190	STUD, (United-Carr)	3	A
	99947P.130	RECEPTACLE, (United-Carr)	3	A
	99836	PIN, (United-Carr)	3	A
-15	98265-2-.170	STUD, (United-Carr)	1	A
	99947P.130	RECEPTACLE, (United-Carr)	1	A
	99836	PIN, (United-Carr)	1	A
-16	98265-2-.250	STUD, (United-Carr)	1	A
	99947P.130	RECEPTACLE, (United-Carr)	1	A
	99836	PIN, (United-Carr)	1	A
-17	187-63111-7	DOOR, 1200 lb external stores rack rear	1	A
-17A	227-63162 *1	DECAL, Bomb rack manual controls adjustment instruction	1	A
-18	187-63111-3	FAIRING, 1200 lb external stores rack rear	1	A
-19	187-63111-5	FAIRING, 1200 lb external stores rack rear	1	A
-20	187-63111-51	SEAL, 1200 lb external stores rack rear	1	A
-21	187-63111-49	SEAL, 1200 lb external stores rack rear	1	A
-22	187-63111-43	SEAL, 1200 lb external stores rack rear	1	A
-23	187-63111-45	SEAL, 1200 lb external stores rack rear	1	A
-24	187-63111-47	SEAL, 1200 lb external stores rack rear	1	A
	187-54302	HARNESS ASSY, Special stores pylon (see fig. 484 for next assembly)	Ref	A
-25	AN3106B22-14P	PLUG, (Special stores pylon)	1	A
	AN3057-12A	ADAPTER	1	A
-26	AN3106B28-20P	PLUG, (Special stores pylon)	1	A
	AN3057-16A	ADAPTER	1	A
-27	AN3106B28-11P	PLUG, (Special stores pylon)	1	A
	AN3057-16A	ADAPTER	1	A
-28	AN3106M22-14P	PLUG, (Special stores pylon)	1	A
-29	AN3106M28-20P	PLUG, (Special stores pylon)	1	A
-30	AN3106M28-11P	PLUG, (Special stores pylon)	1	A
-31	187-54810	STOP ASSY, 1200 lb ext store elec disconnect rear	1	A
-32	187-54811	STOP ASSY, 1200 lb ext store elec disconnect forward	2	A

*1 Used on airplanes 52-5164 thru 52-5271 and 53-1072 thru 53-1228 modified per T.O. 1F-86F-518.

USEABLE ON CODE: A 52-5164 thru 52-5271
53-1072 thru 53-1228

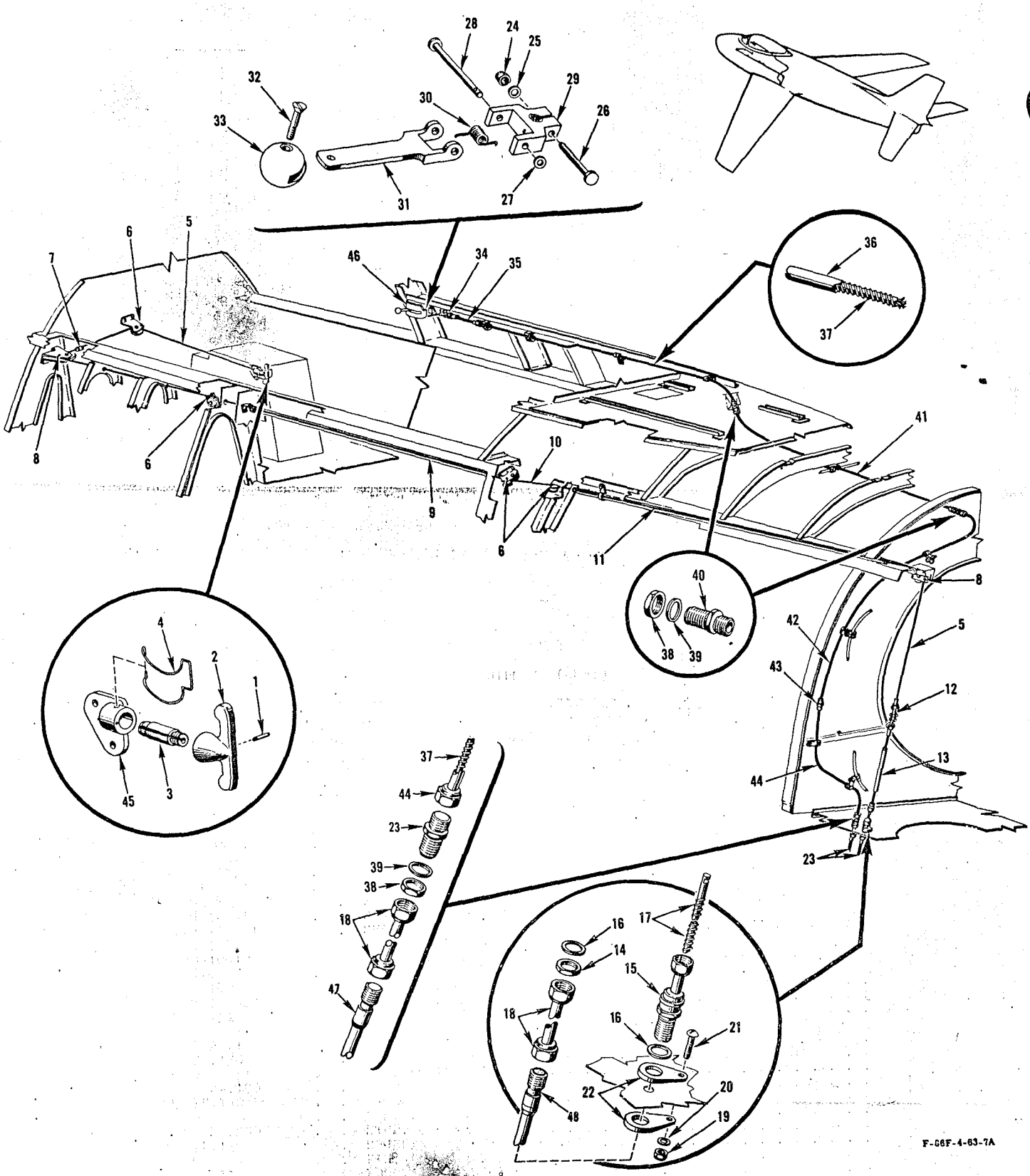


FIGURE 486 - SPECIAL STORES DISARM AND JETTISON CONTROLS

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
486.	191-63701			CONTROLS INSTALLATION, Special stores (see fig. 487 for additional breakdown)	NP	A,C
-1	AN565-4A5		.	SCREW	1	A,C
-2	5H2-3		.	HANDLE, (North American)	1	A,C
-3	191-63743		.	RETAINER, Special stores, mechanical jettison cable	1	A,C
-4	191-63729		.	SPRING, Special stores emergency jettison system handle	1	A,C
-5	191-63731		.	CABLE ASSY, Special stores mechanical jettison	1	A,C
-6	NAS427K9		.	PIN PULLEY GUARD	3	A,C
-7	3S10-7		.	SEAL, 3/32 cable elastic pressure	1	A,C
-8	NAS427K11		.	PIN, Pulley guard	2	A,C
-9	191-63730		.	TUBE, Special stores emergency jettison system cable guard.	1	A,C
-10	191-63730-3		.	TUBE, Special stores emergency jettison system cable guard.	1	A,C
-11	191-63730-5		.	TUBE, Special stores emergency jettison system cable guard.	1	A,C
-12	AN155-8S		.	TURNBUCKLE	1	A,C
-13	191-63713		.	BUNGEE ASSY, Special stores mechanical jettison system return (refer to T.O. 16C1-1-114 for bkdn)	1	A,C
-14	A5511		.	NUT, Check (Teleflex)	1	A,C
-15	B8055		.	SWIVEL, (Teleflex)	1	A,C
-16	AN936A1016		.	WASHER	1	A,C
-17	191-63741		.	CABLE ASSY, Special stores mechanical jettison	1	A,C
-18	191-63735-9	*1	.	CONDUIT ASSY, Special stores disarm	2	A,B,D
	A6338	*1	.	. NUT, (Teleflex)	2	A,B,D
	191-63735-17	*1	.	. CONDUIT, Special stores disarm (altered from Teleflex A6983)	2	A,B,D
-19	AN365-1032		.	NUT	1	A,C
-20	2W18-10L		.	WASHER, Plain (North American)	1	A,C
-21	AN520-10R12		.	SCREW	2	A,C
-22	191-63718		.	BLOCK, Special stores emer jettison system return bungee alignment	2	A,C
-23	B6602		.	CONNECTOR, (Teleflex)	1	A,B
-24	AN365-1032		.	NUT	1	A,B
-25	2W18-10L		.	WASHER, Plain (North American)	1	A,B
-26	AN3-11A		.	BOLT	1	A,B
	191-63738		.	HANDLE ASSY, Special stores disarm	1	A,B
-27	2W18-10L		.	. WASHER, Plain (North American)	1	A,B
-28	AN393-43		.	. PIN	1	A,B
-29	191-63723		.	. HUB, Special store disarm handle	1	A,B
-30	187-63705		.	. SPRING, External store manual disarm torque	1	A,B
-31	187-63703		.	. ARM, External store manual disarm handle	1	A,B
-32	AN509-8R9		.	SCREW	1	A,B
-33	1K4		.	KNOB, Control (North American)	1	A,B
-34	A7286		.	COUPLING, (Teleflex)	1	A,B
-35	191-63740-7	*1	.	CONDUIT ASSY, Special stores mechanism jettison and disarm system flexible	1	A,B,D
-36	191-63735-3	*1	.	CONDUIT ASSY, Special stores disarm	1	A,B,D
	A6338	*1	.	. NUT, (Teleflex)	2	A,B,D
	191-63735-11	*1	.	. CONDUIT, Special stores disarm (altered from Teleflex A6983)	1	A,B,D
-37	191-63736-3	*1	.	CABLE ASSY, Special stores disarm (altered from Teleflex A5507)	1	A,B,D
-38	AN316-8R	*1	.	NUT	3	A,B,D
-39	2W18-816L	*1	.	WASHER, Plain (North American)	3	A,B,D
-40	B6602		.	CONNECTOR, (Teleflex)	2	A,B,D
-41	191-63735-5	*1	.	CONDUIT ASSY, Special stores disarm	1	A,B,D
	A6338	*1	.	. NUT, (Teleflex)	2	A,B,D
	191-63735-13	*1	.	. CONDUIT, Special stores disarm (altered from Teleflex A6983)	1	A,B,D
-42	191-63735-7	*1	.	CONDUIT ASSY, Special stores disarm	1	A,B,D
	A6338	*1	.	. NUT, (Teleflex)	2	A,B,D
	191-63735-15	*1	.	. CONDUIT, Special stores disarm (altered from Teleflex A6983)	1	A,B,D
-43	A6329		.	CONNECTOR, (Teleflex)	1	A,B,D
-44	191-63735-19	*1	.	CONDUIT ASSY, Special stores disarm	1	A,B,D
	A6338	*1	.	. NUT, (Teleflex)	2	A,B,D
	191-63735-21	*1	.	. CONDUIT, Special stores disarm (altered from Teleflex A6983)	1	A,B,D
-45	191-63702			SUPPORT, Special stores mech jettison handle (see fig. 257)	Ref	
-46	191-63724	*1		CONTROL BOX ASSY, Special stores disarm (see figure 177)	Ref	
-47	191-63716	*1		CONDUIT ASSY, Special stores mechanism jettison and disarm system complete (see figure 487)	Ref	A,B,D
-48	191-63716-10			CONDUIT ASSY, Special stores mechanism jettison and disarm system complete (see figure 487)	Ref	D

*1 Not used on airplanes modified per T.O. 1F-86F-518.

USEABLE ON CODE: A 52-5164 thru 52-5271, 53-1072 thru 53-1228
B 55-3816 thru 55-3875
C 55-3816 and subs
D 55-3876 and subs

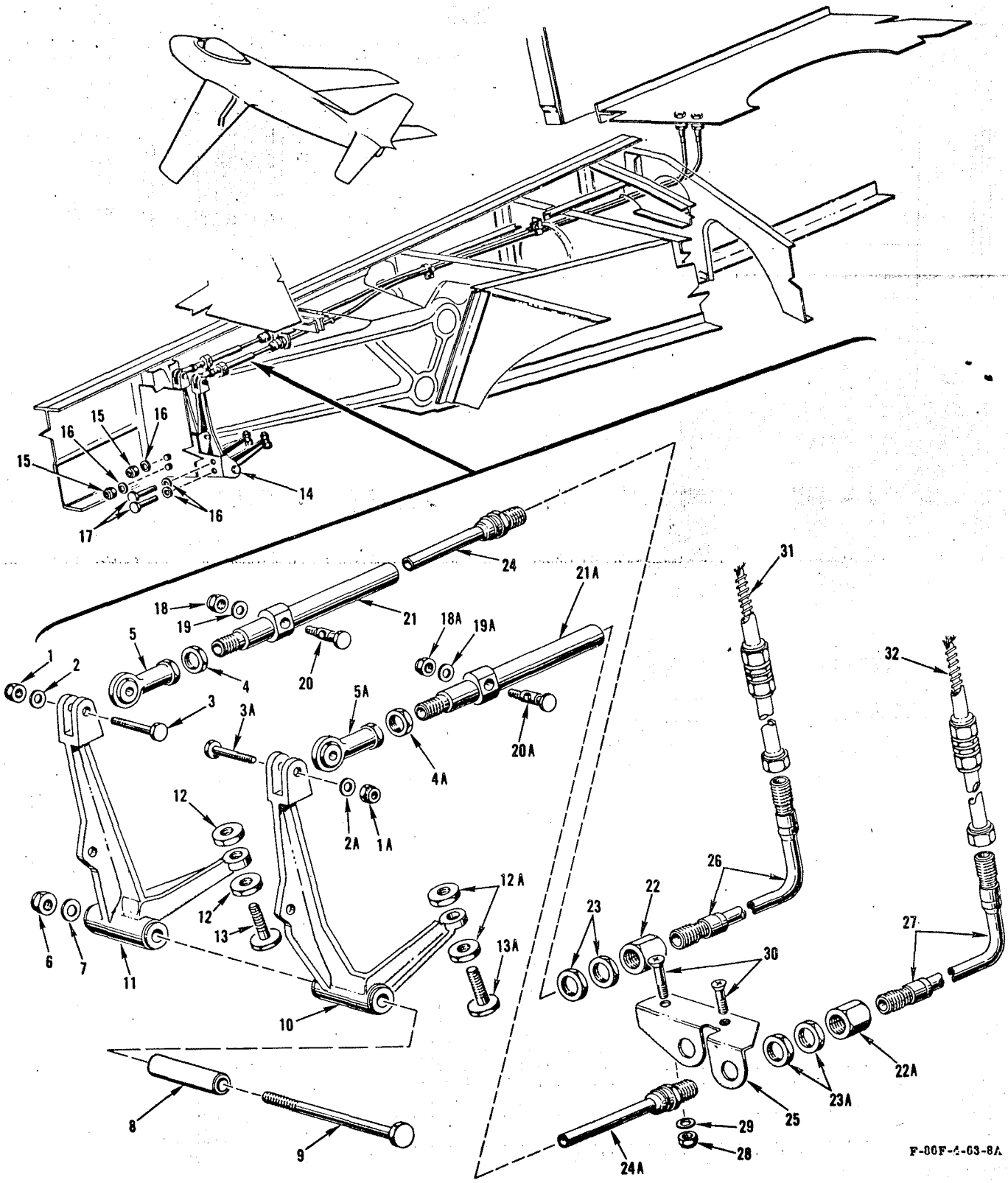


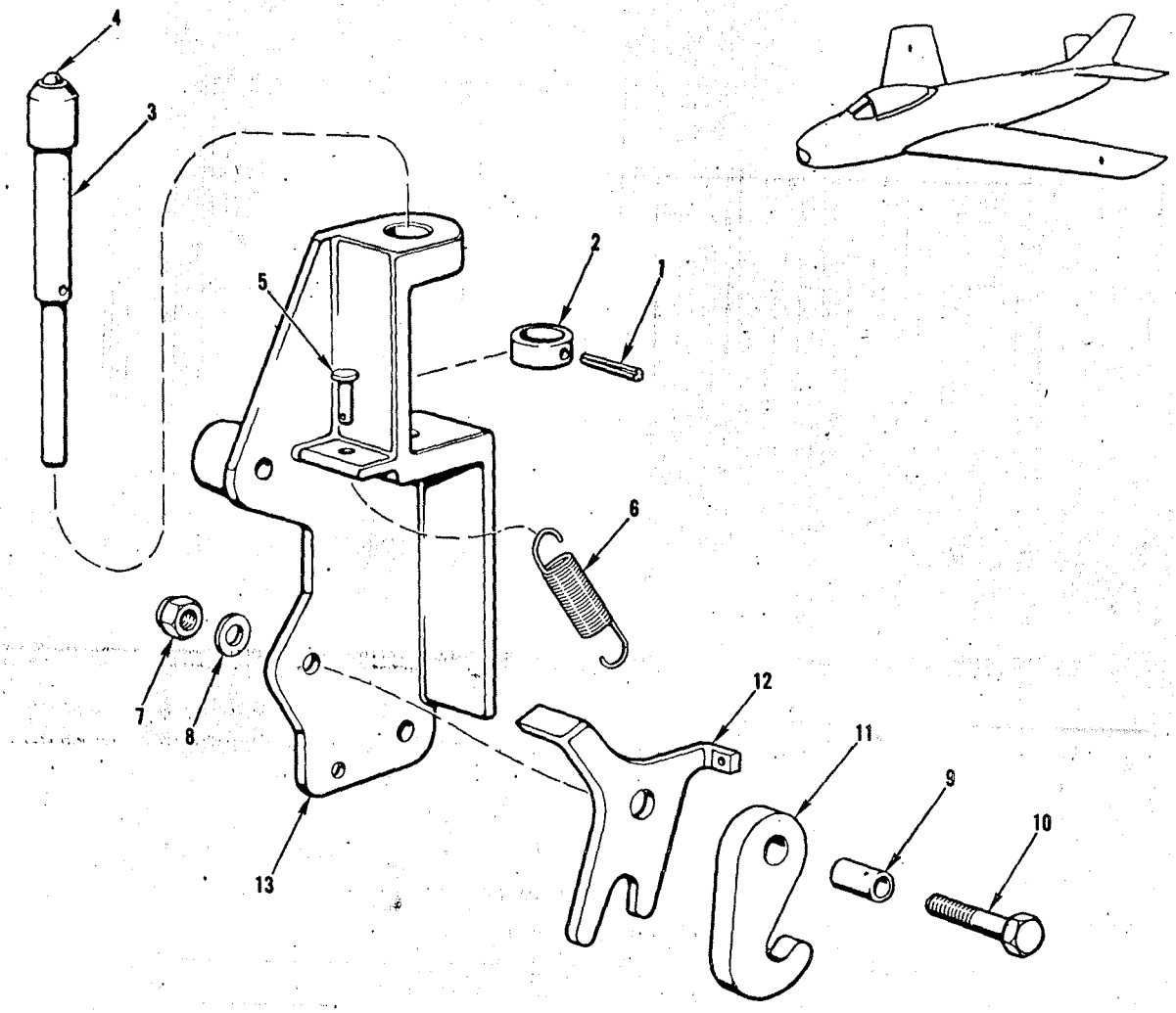
FIGURE 487 - SPECIAL STORES DISARM AND JETTISON CONTROL (Cont)

LOOSE EQUIPMENT (Cont)

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
487	191-63701		CONTROLS INSTL, Special stores (see fig. 486 for additional breakdown)	NP	
-1	AN365-1032		. NUT	1	
-1A	AN365-1032	*1	. NUT	1	A,B
-2	2W18-10L		. WASHER, Flat (North American)	1	
-2A	2W18-10L	*1	. WASHER, Flat (North American)	1	A,B
-3	AN3-11A		. BOLT	1	
-3A	AN3-11A	*1	. BOLT	1	A,B
-4	AN316-4R		. NUT	1	
-4A	AN316-4R	*1	. NUT	1	A,B
-5	REB3N		. ROD END, (Fafnir)	1	
-5A	REB3N	*1	. ROD END, (Fafnir)	1	A,B
	191-63709		. MECHANISM ASSY, Special stores mech. jettison and disarm	1	A,B
	191-63709-10		. MECHANISM ASSY, Special stores mech. jettison and disarm	1	C
-6	AN365-428		. . NUT	1	
-7	2W18-416		. . WASHER, Flat (North American)	1	
-8	4B2134-122		. . BUSHING, Spacer (North American)	1	
-9	AN4-41A		. . BOLT	1	
-10	191-63711	*1	. . BELLCRANK ASSY, Special stores disarm	1	A,B
	4B16CF6-16	*1	. . . BEARING, Sintered oil impregnated (North American)	2	A,B
-11	191-63710		. . BELLCRANK ASSY, Special stores mechanical jettison	1	
	4B16CF6-16		. . . BEARING, Sintered oil impregnated (North American)	2	
-12	1N7-4A		. . NUT, Check (North American)	2	
-12A	1N7-4A	*1	. . NUT, Check (North American)	2	A,B
-13	191-63742		. . PLUNGER, Special stores mechanical jettison sys adjusting	1	
-13A	191-63742	*1	. . PLUNGER, Special stores mechanical jettison sys adjusting	1	A,B
-14	191-63712		. . SUPPORT ASSY, Special stores mech jettison and disarm mechanism	1	
-15	AN365-1032		. NUT	2	
-16	2W18-10		. WASHER, Flat (North American)	4	
-17	AN3-5A		. BOLT	2	
-18	AN364-1032		. NUT	1	
-18A	AN364-1032	*1	. NUT	1	A,B
-19	2W17-10L		. WASHER, Corrosive resistant steel (North American)	1	
-19A	2W17-10L	*1	. WASHER, Corrosive resistant steel (North American)	1	A,B
-20	B5034		. PLUG, Hex head cable locking (Teleflex	1	
-20A	B5034	*1	. PLUG, Hex head cable locking (Teleflex)	1	A,B
-21	C6369-16		. SLIDER TUBE ASSY, 1/4-28 threaded end lock plug type telescopic unit	1	
-21A	C6369-16	*1	. SLIDER TUBE ASSY, 1/4-28 threaded end lock plug type telescopic unit	1	A,B
	191-63716	*1	. CONDUIT ASSY, Special stores mechanism jettison and disarm system complete	1	A,B
	191-63716-10		. CONDUIT ASSY, Special stores mechanism jettison and disarm telescopic unit	1	C
-22	A7286		. . COUPLING, (Teleflex)	1	
-22A	A7286	*1	. . COUPLING, (Teleflex)	1	A,B
-23	A5511		. . MOUNTING NUT, 5/8-18NF2 thread (Teleflex)	2	
-23A	A5511	*1	. . MOUNTING NUT, 5/8-18NF2 thread (Teleflex)	2	A,B
-24	C6248-16		. . SWIVEL ASSY, Telescopic unit flared conduit type (Teleflex)	1	
-24A	C6248-16	*1	. . SWIVEL ASSY, Telescopic unit flared conduit type (Teleflex)	1	A,B
-25	191-63717		. . BRACKET ASSY, Special stores mechanical jettison and disarm sys conduit support	1	
-26	191-63740-3		. . CONDUIT ASSY, Special stores mechanical jettison and disarm sys flexible (altered from Teleflex B8056)	1	
-27	191-63740-5	*1	. . CONDUIT ASSY, Special stores mechanical jettison and disarm sys flexible (altered from Teleflex B8056)	1	A,B
-28	AN365-1032		. NUT	1	
-29	2W18-10		. WASHER, Flat (North American)	1	
-30	AN509-10R10		. SCREW	2	
-31	191-63741		. CABLE ASSY, Special stores mechanical jettison (altered from Teleflex B8054)	1	
-32	191-63736-5	*1	. CABLE ASSY, Special stores disarm (altered from teleflex A5507)	1	A,B

*1 Not used on airplanes modified per T. O. 1F-86F-518.

USEABLE ON CODE: A 52-5164 thru 52-5271, 53-1072 thru 53-1228 B 55-3816 thru 55-3875 C 55-3876 and subs



F-86F-4-63-10

FIGURE 487A - EXTERNAL STORE ARMING CONTROL ASSEMBLY (MODIFICATION)

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
487A	227-63215	CONTROL ASSEMBLY, External store arming (see fig. 484 for next assembly)	Ref	*1
-1	COMM	. GROOVE PIN, 5/16 X 1/2 type 1 (Groov-Pin)	1	*1
-2	187-63125	. COLLAR, External store rack manual release plunger	1	*1
	187-63124	. PLUNGER ASSEMBLY, External store manual release	1	*1
-3	187-63124-3	. . PLUNGER, External store manual release	1	*1
-4	COMM	. . BALL, Corrosive resistant steel 3/16 dia (Strom Steel Ball)	1	*1
-5	AN392-9	. PIN	1	*1
-6	187-63120	. SPRING, Tension	1	*1
-7	AN365-1032	. NUT	1	*1
-8	2W18-10	. WASHER, Flat (North American)	1	*1
-9	NAS43-3-9	. SPACER	1	*1
-10	AN3-7A	. BOLT	1	*1
-11	227-63217	. HOOK, External store arming wire retaining	1	*1
-12	227-63218	. LEVER, External store arming wire retaining	1	*1
-13	227-63216	. HOUSING, External store arming control	1	*1

*1 Used on airplanes 52-5164 thru 52-5271 and 53-1072 thru 53-1228 modified per T. O. 1F86F-518. See fig. 472 for airplanes not modified.

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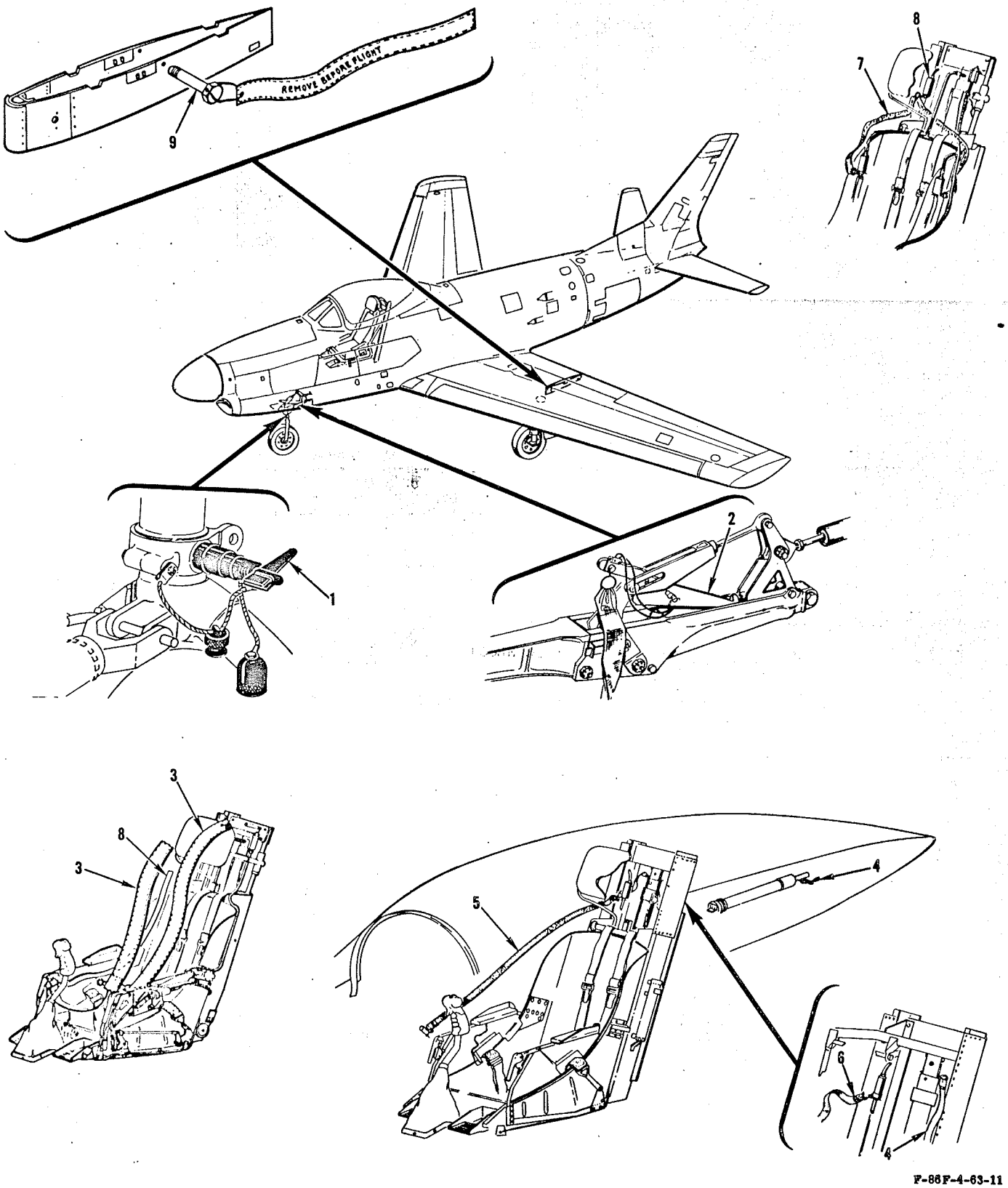

FIGURE 487B - GROUND SAFETY PINS AND LOCK ASSEMBLIES

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY.	USEABLE ON CODE
487B		GROUND SAFETY PINS AND LOCK ASSEMBLIES		
-1	165-34688-21	. RELEASE ASSEMBLY, Aux landing gear tow bar swivel . . . . . (use 165-34688-10 until exh)	1	
-2	E1201-11	. LOCK ASSY, Aux land gear drag brace ground . . . . . (use E1201 until exh)	1	
-3	192-53058-11	. STREAMER ASSY, Ejection seat lap belt initiator safety pin . (for maintenance use only)	1	E
-4	151-53107-10	. PIN ASSY, Cockpit canopy remover and ejection seat . . . . . remover safety	2	A
	191-53107	. PIN ASSY, Cockpit canopy remover and ejection seat . . . . . remover safety	2	B
-5	191-53108	. STREAMER ASSY, Canopy initiator pilot's seat and catapult . . pins	1	C
-6	176-31859	. STREAMER ASSY, Cockpit enclosure, canopy initiator . . . . . safety pin	1	F
-7	202-53107	. STREAMER ASSY, Cockpit canopy remover and pilot's seat . . . initiator safety pin	1	D
-8	202-53014	. STREAMER ASSY, Pilot's seat and cockpit canopy initiator's . safety pin	1	E
-9	59B76712 *1	. PIN ASSY, Drop tank ground safety	2	

*1 Refer to T. O. 1F-86-590.

USEABLE ON CODE:
A 51-2850 thru 51-13129
B 51-13130 thru 51-13454, 52-4305 thru 52-4804,
C 51-13455 thru 51-13510, 52-4805 thru 52-5530
D 53-1072 thru 53-1228
E 55-3816 and subs
F 51-13455 thru 51-13510, 52-4305 thru 52-5530

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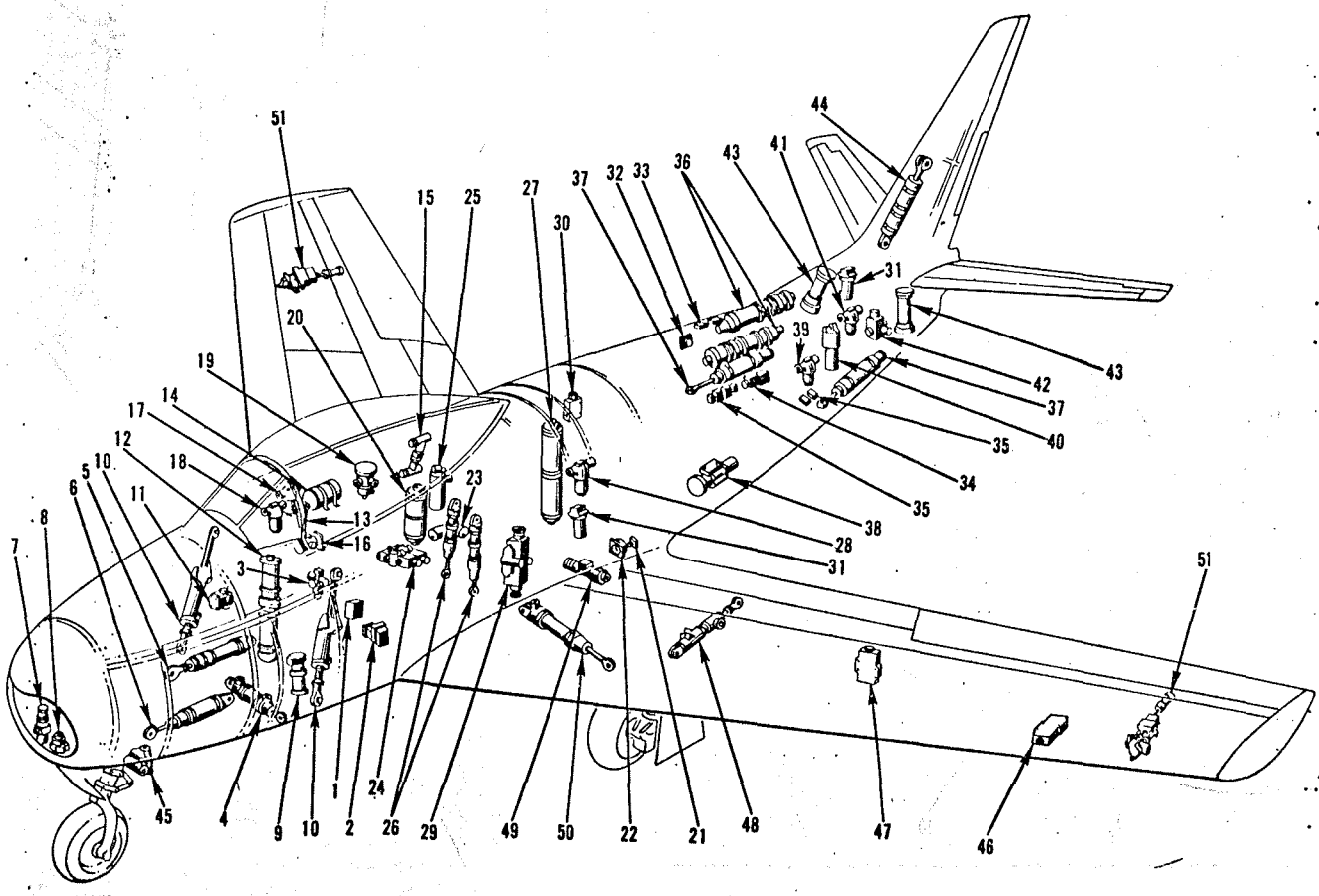
Index No.	Nomenclature	Figure No.
1	Flight Control Relief Valve	80
2	Power Control Pressure Switch	80
3	Power Control By-Pass Valve	81, 94
4	Nose Wheel Fairing Door Actuating Cylinder	216
5	Nose Gear Operating Cylinder	216
6	Nose Gear Extension Cylinder	216
7	Pressure Reducing Valve	216
8	Nose Wheel Steering Shut-Off Valve	216
9	Parking Valve and Compensator	226
10	Master Brake Cylinder	226
11	Emergency Auxiliary Alighting Gear Selector Valve	231
12	Emergency Landing Gear Extension Accumulator	231
13	System Filter	236
14	Utility System Reservoir	236
15	Speed Brake Thermal Relief Valve	229
16	Emergency Speed Brake Dump Valve	236
17	Brake Return Filter	236
18	Power Control Filter	236
19	Reservoir Utility Regulator	239
20	Accumulator	239
21	Accumulator Air Mount Valve	239
22	Accumulator Air Pressure Gage	239
23	Storage Reservoir	239
24	Alighting Gear and Fairing Door Valve	239
25	Power Control Reservoir	239
26	Main Landing Gear Fairing Door Cylinder	239, 255 2
27	Power Control Accumulator	255
28	Power Control Filter	255
29	Speed Brake Selector Valve	255
30	Utility System Relief Valve	255
31	Power Control Filter	255
32	Accumulator Air Gage	262
33	Accumulator Flow Valve	262
34	Emergency Power Control Relief Valve	262
35	Emergency Power Control Pressure Switch	262
36	Emergency Self Displacing Accumulator	262
37	Dive Brake Actuating Cylinder	262
38	Emergency Power Control Pump	262
39	Emergency Power Control Filter	262
40	Emergency Power Control Reservoir	262
41	Emergency Power Control Filter	262
42	Emergency Power Control Shut-Off Valve	262
43	Power Control Compensator	262
44	Horizontal Stabilizer Actuating Cylinder	96
45	Steering Damper	403
46	Aileron Power Control Valve	83
47	Aileron Emergency Control Relief Valve	83
48	Main Gear Downlock Cylinder	83
49	Main Gear Uplock Release Cylinder	83
50	Main Gear Operating Cylinder	83
51	Aileron Actuator Cylinder	76



176-58-58

FIGURE 488 - HYDRAULIC SYSTEM

Index No.	Nomenclature	Figure No.
1	Airspeed Pilot's Pitot Tube Boom Assembly	74
2	Pilot's Instrument Panel Assembly	182
3	Magnetic Pilot's Stand-By Compass	178
4	Regulator Pressurized "G" Suit Valve Assembly	179,& 376
5	Gyro Control	179
6	Directional Gyro Amplifier	179
7	Forward Fuselage Fuel Level Transmitter	179
8	Liquidensitometer	73
9	Flow Meter	433
10	Fuel Flow Meter Amplifier	178
11	Gunsight Computer	331
12	Gunsight Amplifier	331
13	Fuel and Oil pressure Support Assembly	180
14	Fuselage Hydraulic Pressure Transmitter	180
15	Transmitter (Type C2) Remote Compass	74
16	Wing Fuel Level Transmitter	74
17	Center Section Fuel Level Transmitter	73
18	Hydraulic Pressure Transmitter Support Assembly	73
19	Rear Fuselage Fuel Level Transmitter	180

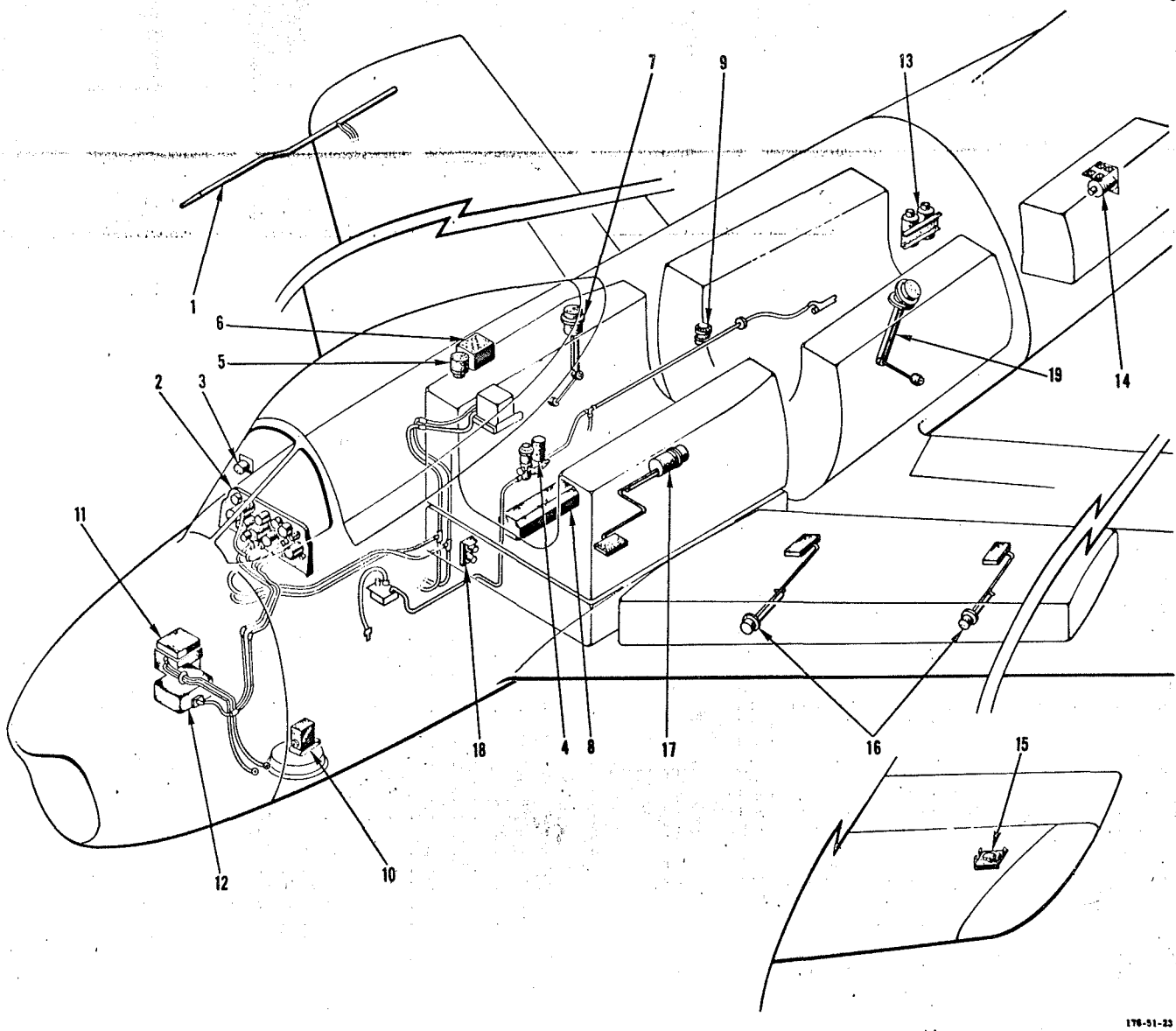
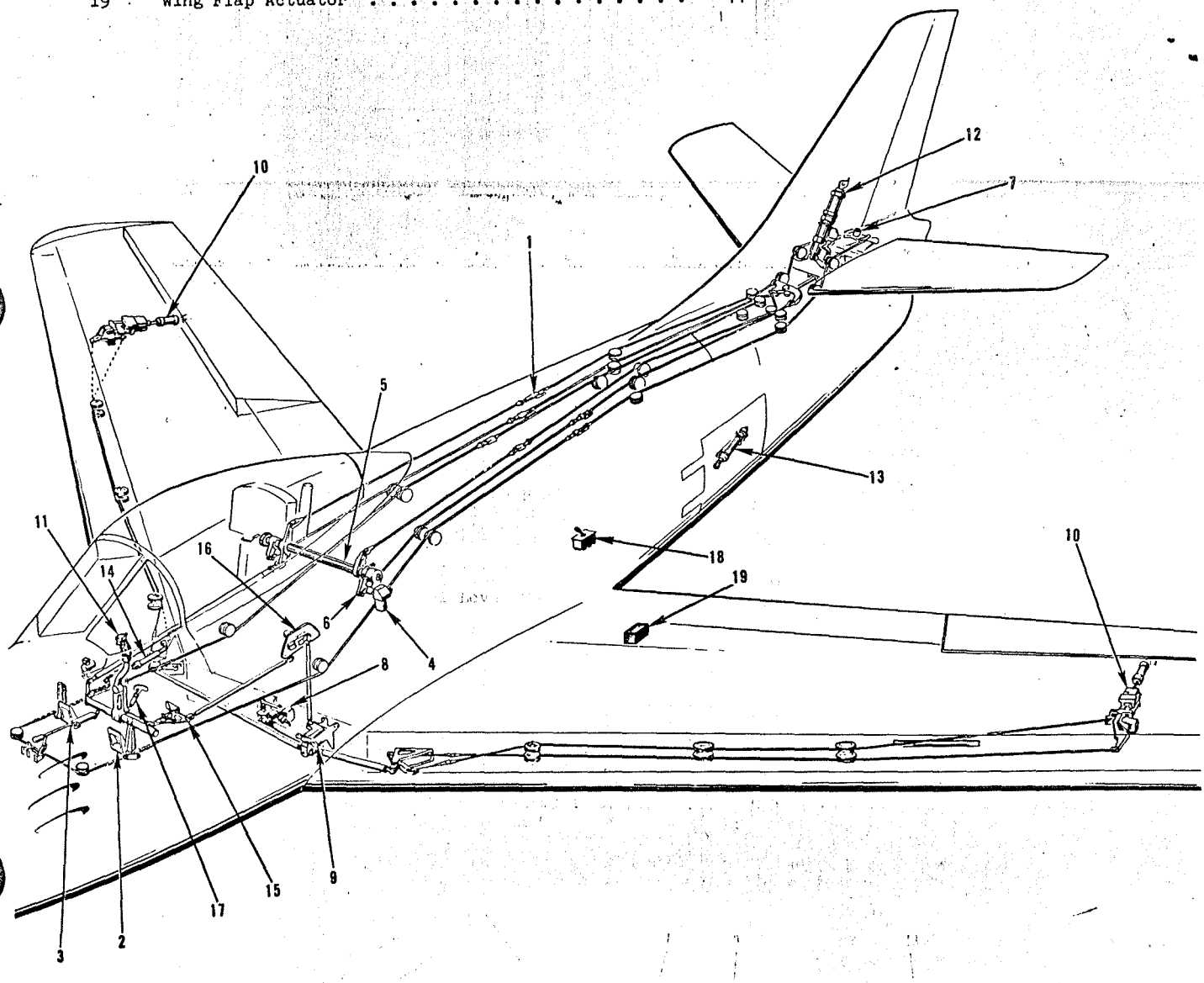


FIGURE 489 - INSTRUMENT SYSTEM

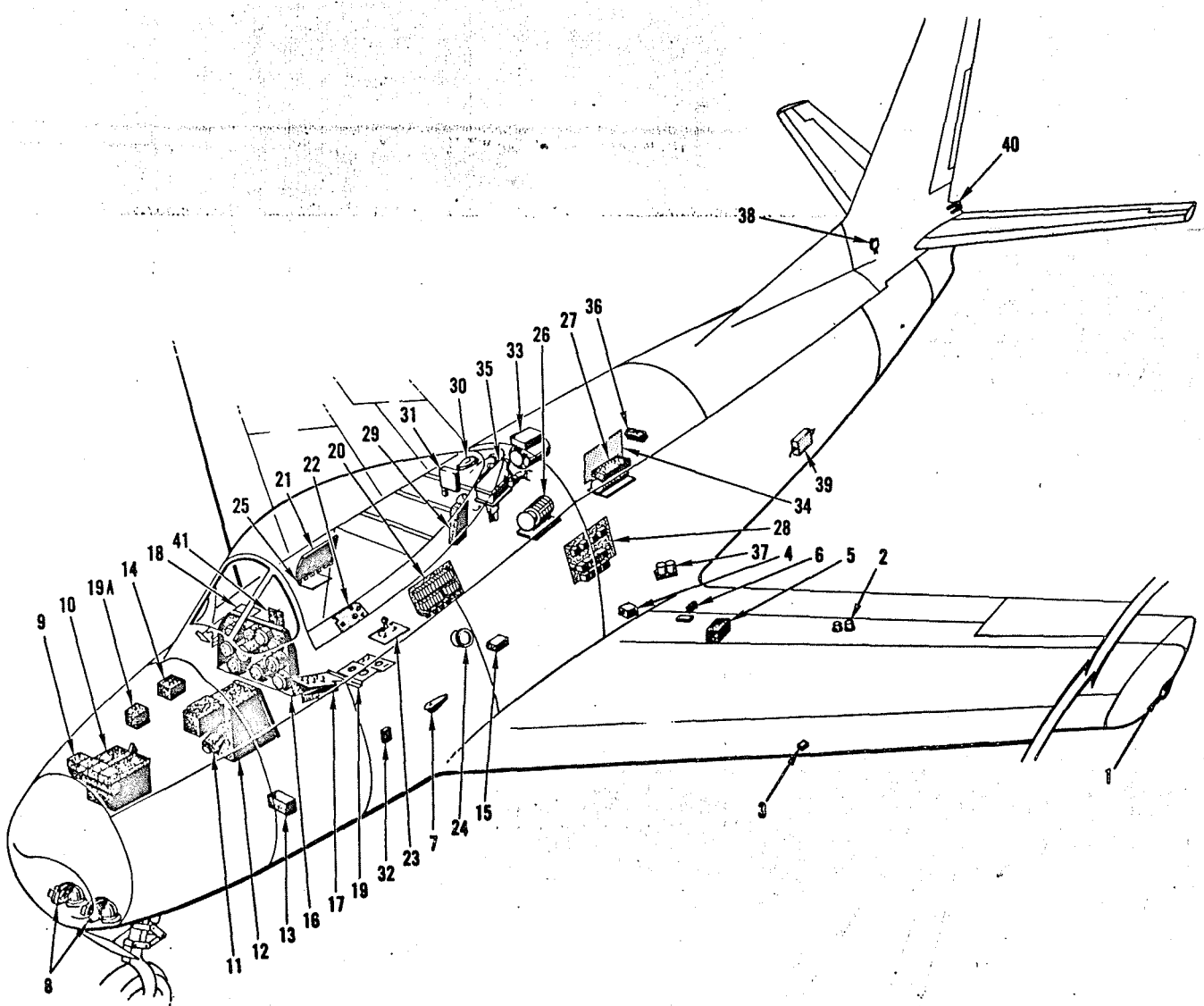
Index No.	Nomenclature	Figure No.
1	Cable Quick Release	209
2	Rudder Pedals	194
3	Surface Controls Lock	193
4	Torque Tube Actuator	192
5	Horizontal Stabilizer Torque Tube	198
6	Horizontal Stabilizer Mechanism Support	198
7	Rudder Control Sector	207
8	Wing Center Section Bellcrank Actuator	75
9	Wing Center Section Bellcrank	75
10	Aileron Actuator Cylinder	76
11	Pilot's Control Stick	190
12	Horizontal Stabilizer Actuator Cylinder	96
13	Speed Brake Cylinder	277
14	Artificial Feel Bungee Control	75
15	Aileron Cockpit Bellcrank Control	197
16	Aileron Bellcrank Control	197
17	Emergency Change-Over Handle	210
18	Electrical Manual Override Switch	211
19	Wing Flap Actuator	77



176-52-9B

FIGURE 490 - SURFACE CONTROLS SYSTEM

Index No.	Nomenclature	Figure No.
1	Wing Position Light	7
2	Rocket Firing Receptacle	90
3	Rocket Rack Connector	90
4	Main Landing Gear Uplock Sequence Sw	90
5	Wing Flap Actuator	77
6	Aft Wing Electrical Connector	92
7	Lower Fuselage Position Light	91
8	Landing Light	278
9	Class A Inverter	279
10	Battery	279
11	Rocket Setting Unit	309 and 312
12	Center Elec Pedestal	309 and 312 and 284A
13	Position Lights Flasher	293
14	Windshield Heater Capacitor	293
15	Heat and Vent Radio Noise Filter	293
16	Inst Panel Electrical Equipment	307
17	Electrical Console LH Panel	299
18	Electrical Console RH Panel	297
19	Electrical Console LH Panel	286
19A	GAR-8 Sidewinder Missile Inertia Switch and Relay	278A
20	Circuit Breaker LH Panel	302
21	Circuit Breaker RH Panel	303
22	Electrical Fuel Drop Tanks LH and GAR-8 Sidewinder Missile Fuse and Circuit Breaker Panels	321
23	Cabin Temp Panel & Air Selector Control	296
24	Landing Gear Warning Horn	294
25	Electrical Instrument Inverters	305
26	Voltage Regulator	316
27	Alternate Inst Power Inverter	316
28	Aft Radio Relay Panel Assembly	316
29	Pilot's Canopy Actuator Switch	320
30	Upper Position Fuselage Light	320
31	Cockpit Pressure Regulator Plug	320
32	Landing Gear Switches	320
33	Main Inst Power Inverter	314
34	Electrical Relay & Control Panel	314
35	Heat and Vent Electrical Plugs	322
36	Alternate Flight Control Hyd Pump Filter	325
37	Elec Emer Hyd Pump Relays	325
38	Rudder Actuator Disconnect Plug	325
39	Emer Hyd Pressure Switch Plug	325
40	Tail Position Light	325
41	GAR-8 Sidewinder Missile Shroud Control Panel	321A



F-86F-4-54-40

FIGURE 491 - ELECTRICAL SYSTEM

Index No.	Nomenclature	Figure No.
1	Outer Wing Fuel Cell	46
2	Submerged Booster Pump	38, 454
3	Center Wing Fuel Cell	45
4	Droppable Fuel Tank	51
5	Forward Fuselage Fuel Cell	456, 457
6	Rear Fuselage Fuel Cell	455
7	Fuel System Filter	461
8	Fuselage Pressurization Equip Drop Fuel Tank	459
9	De-Icing Filter	458
10	Fuel Level Control Valve	457, 453
11	Rear Fuselage Fuel Level Transmitter	181
12	Wing Fuel Level Transmitter	74
13	Center Section Fuel Level Transmitter	73
14	Forward Fuselage Fuel Level Transmitter	179

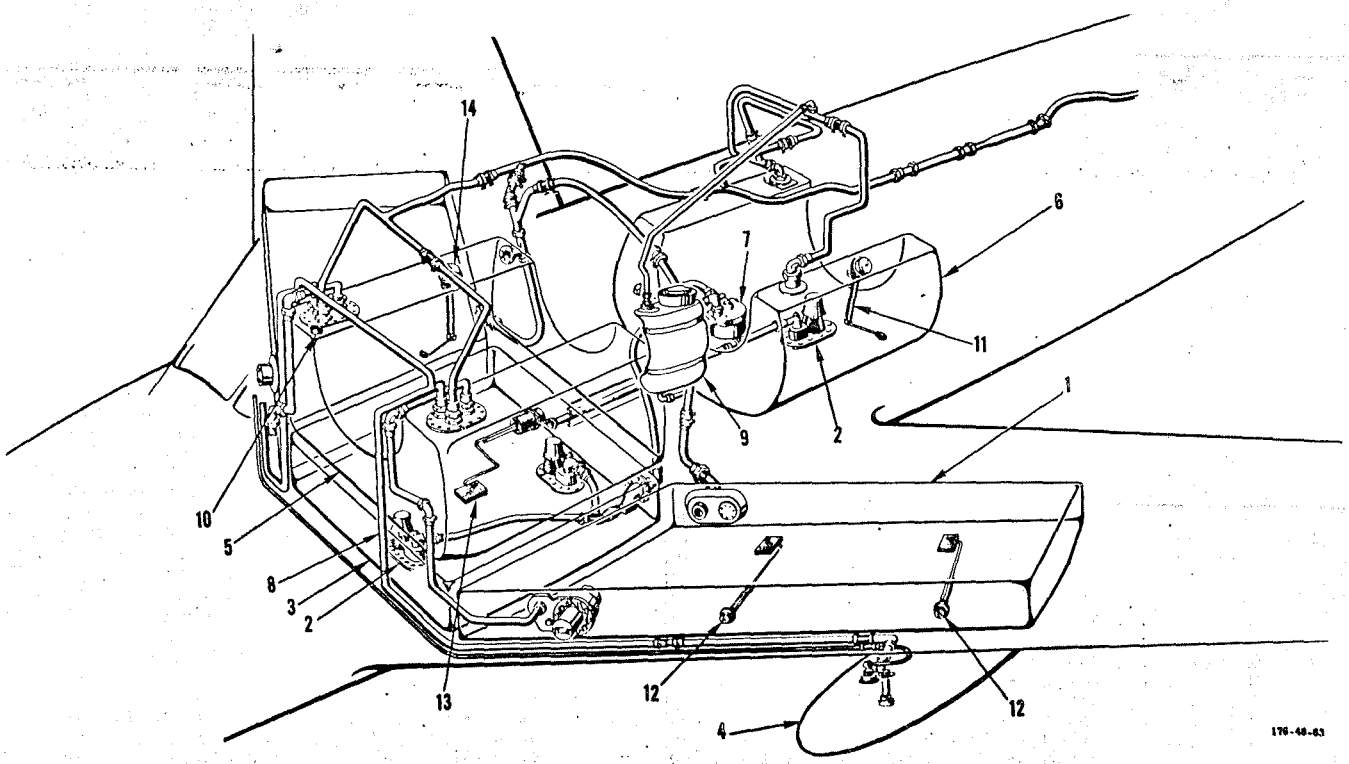
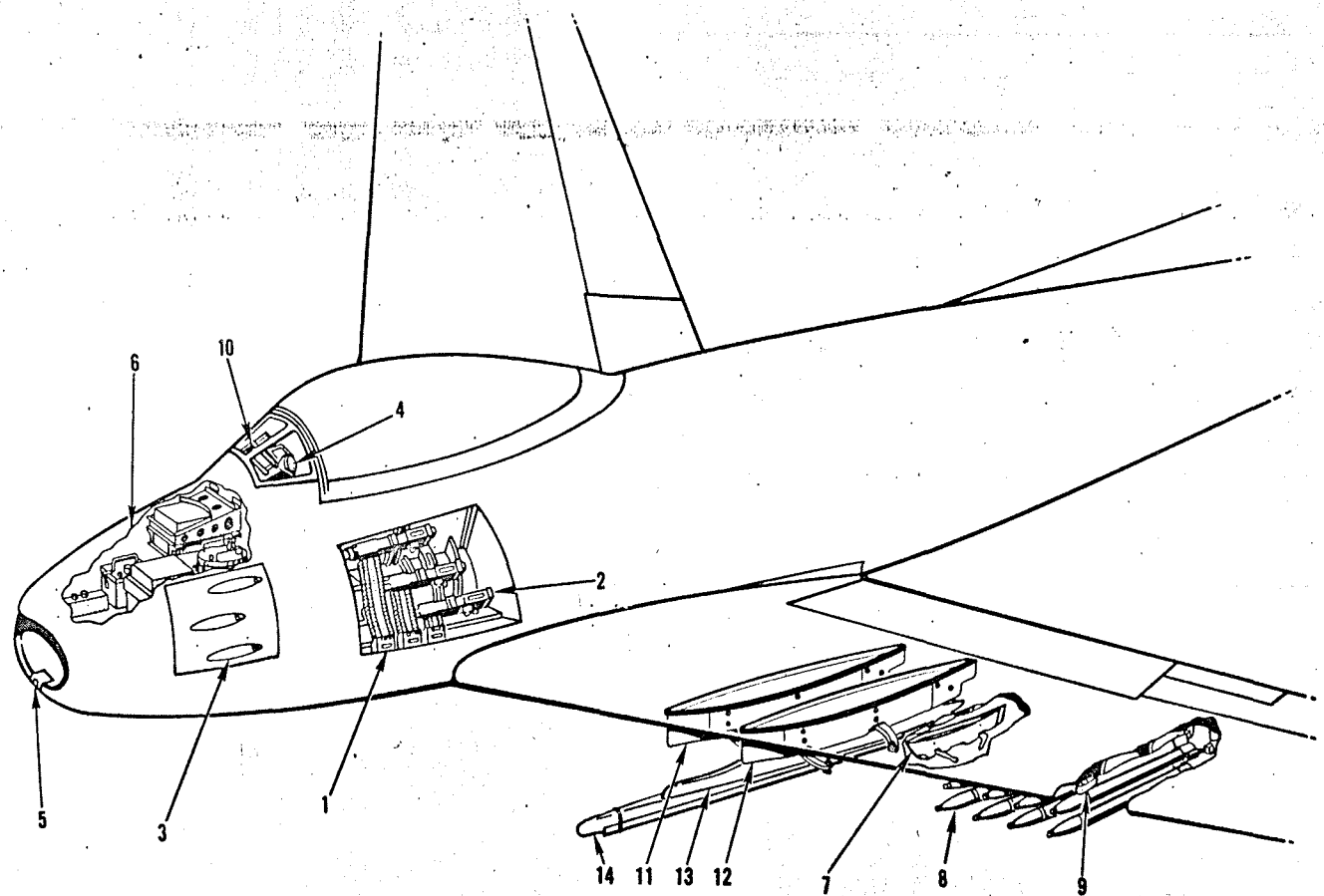


FIGURE 492 - FUEL SYSTEM

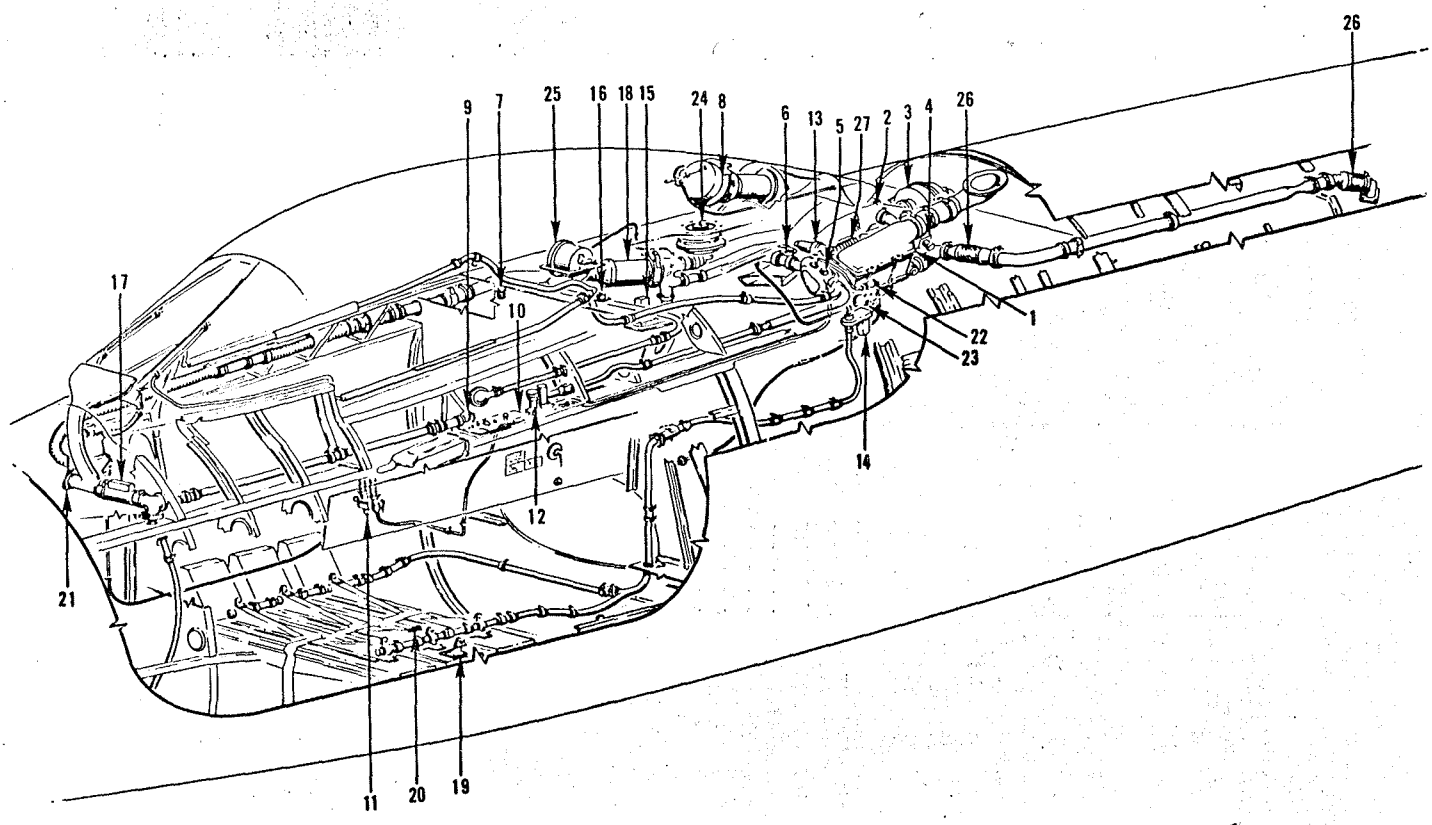
Index No.	Nomenclature	Figure No.
1	Armament	348
2	6 Fixed .50 Caliber Guns Equipment	350
3	Open Port Blast Panel	357
4	Type A1CM Gun Bomb Rocket Sight	343
5	Gun Camera	357
6	A1CM Sight and AN/APG30 Radar Equipment	330
7	Bomb Rack	478
8	Rocket Equipment	482
9	Front Rocket Mount	477
10	A-4 Gun Sight Mount	162
11	Bomb Rack Package	479
12	Ferry Rack Package	481
13	Pylon, Gar-8 Sidewinder Missile	358A
14	Launcher, AERO 3B	358A



F-86F-4-61-4

FIGURE 493 - ARMAMENT SYSTEMS

Index No.	Nomenclature	Figure No.
1	Primary Air Exchanger	377
2	Secondary Air Exchanger	382
3	Turbine	382
4	3" Modulating Valve	377
5	Primary Exchanger Manifold Outlet	377
6	1 1/2" Modulating Valve	382
7	Cabin Air Inlet Thermostat	385
8	Cockpit Pressure Regulator	167, 168
9	Manual Anti-Ice Valve	381
10	Cockpit Electric Control Box	314
11	Pilot's Quick Disconnect Block	362
12	Pilot's "G" Suit Valve	179, 376
13	System Shut-Off Valve	382
14	Ammunition Modulating Valve	378
15	Emergency Ram Shut-Off Valve	382
16	Manual Defrost Shut-Off Valve	386
17	2 K. W. Heater	385, 377
18	4 K. W. Heater	382
19	Ammunition Heat Thermostat	378
20	Ammunition Heat Inlet Thermostat	128
21	Windshield Anti-Ice Thermostat	162
22	Canopy Seal Check Valve	377
23	Canopy Seal Pressure Regulator Valve	377
24	Cockpit Dump Valve	382
25	Air Pressure Switch	388
26	Metal Flex Connector	377
27	Metal Flex Connector	382



176-95-2A

FIGURE 494 - HEAT AND VENT AND PRESSURIZATION SYSTEM

SECTION III
NUMERICAL INDEX

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AA2205W524		20-8	2		
AA2225		9	7		
AA2344A		9	REF		
AA31306		213-14	REF		
AA32507L2		444-9	REF		
AA32507L2A		444-9	REF		
AA32516L2A		444-9	1		
		445-28	REF		
AA32529L2		444-9	REF		
		445-28	1		
AB171/APG30		332-48	REF		
ACCELERCMETER		184	1		
		184-9	1		
		185A-21	1		
		185B-21	1		
ACT-A1954-1		77-60	REF		
AC106-1P		188-25	1		
AC134A5-5A		179-37	1		
AERNO 04C2250		354-28	REF		
		357-19	REF		
AERNO 41-7370		415-12	REF		
AERNO 41-7371		415-13	REF		
AERNO 41-7373		415	REF		
AERNO 41-7602		403	REF		
AERNO 41-7605		403-45	REF		
AERNO 42-1501		316-1	REF		
AERNO 42-1520		324-7	REF		
AERNO 42-1530		324-1	REF		
AERNO 42-2310		316-35	REF		
		316-44	REF		
		335-17	REF		
AERNO 42-2316		281A-5	REF		
		317-13	REF		
AERNO 42-2339		335-6	REF		
AERNO 42-2360		279-8	REF		
AERNO 42-2361		279-15	REF		
AERNO 42-2362		279	REF		
AERNO 42-375		279-7	REF		
AERNO 42-4200		21	REF		
AERNO 42-780		335-40	REF		
AERNO 45-1712		366	REF		
		367	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AERNO 45-9474		47-1	REF		
AERNO 45-9491		47-3	REF		
AERNO 48-9065		376	REF		
		376-8	REF		
AERNO 52-1740		348-10	REF		
AERNO 52-2856		294-8	REF		
AERNO 52-4231		330	REF		
AERNO 52-4601		330-5	REF		
AERNO 52-4602		330-22	REF		
AERNO 52-4603		330	REF		
AERNO 52-4604		330	REF		
AERNO 52-4606		329-9	REF		
AERNO 52-4607		330	REF		
AERNO 52-4609		332-47	REF		
AERNO 52-4611		330-14	REF		
AERNO 52-5262		306-10	REF		
		330-4	REF		
		331-1	REF		
AERNO 52-5263		327-14	REF		
		330	REF		
		330-18	REF		
		331	REF		
		331A-1	REF		
AERNO 52-5268		344-1	REF		
AERNO 60-1050		182-11	REF		
		185A-6	REF		
		185B-6	REF		
AERNO 60-1200		182-5	REF		
		185B-5	REF		
AERNO 60-1201		182	REF		
		185-3	REF		
		185A-5	REF		
		185B-5	REF		
AERNO 60-1479		74-15	REF		
AERNO 60-1482		185-14	REF		
		185A-11	REF		
		185B-11	REF		
AERNO 60-1483		74-15	REF		
AERNO 60-205		183-18	REF		
		184-9	REF		
		185A-21	REF		
AERNO 60-206		183	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AERNO 60-206		184	REF		
		184-9	REF		
		185A-21	REF		
		185B-21	REF		
AERNO 60-210		182-10	REF		
AERNO 60-211		185-12	REF		
AERNO 60-4935		184-2	REF		
AERNO 60-4937		184-2	REF		
		185-13	REF		
AERNO 60-5700		182-6	REF		
		185A-10	REF		
AERNO 60-5701		182	REF		
		185-8	REF		
		185B-10	REF		
AERNO 60-5933		184	REF		
		184-5	REF		
		185	REF		
		185A-14	REF		
		185B	REF		
AERNO 60-600		182-11	REF		
		185A-6	REF		
		185B-6	REF		
AERNO 60-601		182-9	REF		
		185A-12	REF		
		185B-12	REF		
AERNO 60-603		182-9	REF		
		185-4	REF		
		185A-12	REF		
		185B-12	REF		
AERNO 60-6800		182-7	REF		
		185A-13	REF		
		185B-13	REF		
AERNO 60-6900		182-7	REF		
		185A-13	REF		
		185B-13	REF		
AERNO 60-6901		182-7	REF		
		185-9	REF		
		185A-13	REF		
		185B-13	REF		
AERNO 60-700		182-11	REF		
		185A-6	REF		
		185B-6	REF		
AERNO 60-9200		74-34	REF		
AERNO 61-1455		73-24	REF		
		73-36	REF		
		180	REF		
		180-24	REF		
AERNO 61-1456		184	REF		
		184-33	REF		
		185A-4	REF		
		185B-4	REF		
AERNO 61-215		184-8	REF		
		185A-20	REF		
		185B-19	REF		
AERNO 61-223		184	REF		
		185B-19	REF		
AERNO 61-2392		180-8	REF		
AERNO 61-2446		433-11	REF		
		469-72	REF		
AERNO 61-2482		182-1	REF		
		185A-17	REF		
		185B-20	REF		
AERNO 61-3005		180	REF		
		180-9	REF		
AERNO 61-3121		182	REF		
		184-10	REF		
		185B-16	REF		
AERNO 61-8855		182-2	REF		
		185A-19	REF		
		185B-17	REF		
AERNO 61-8856		185-11	REF		
		185B-17	REF		
AERNO 62-1200		178-30	REF		
AERNO 64-2365		484-44	REF		
AERNO 74-2260		352-54	REF		
AERNO 74-278		474	REF		
AERNO 74C2250		352-43	REF		
AERNO 81-3350		184-1	REF		
		185-6	REF		
AERNO 81-9100		335-37	REF		
AERNO 93-315		364-1	REF		
AERNO 93-316		364-8	REF		
		364-9	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AERNO 93-316		365-8	REF		
		365-17	REF		
AERNO 93-317		168	REF		
AERNO 93-321		364	REF		
		365-1	REF		
AERNO 93-350		168-28	REF		
AERNO 93-726		364-26	REF		
		365-22	REF		
AERO 38		358A-43	1		
AERO 93-0324		365	REF		
AF955-3		170	2		
AGC 1/2		313	4		
		313-20	2		
AGC1		278	7		
		284	3		
		313	3		
AGC1 1/2		313	2		
		313-21	1		
		313-22	1		
AGC1-2		330	2		
AGC1-8		330	2		
AGC2		282	2		
		330	3		
		332-41	2		
AGC5		282	2		
		332-40	2		
		334-11	2		
ALX3-11		342-4	REF		
AMMETER		182-4	1		
AMPLIFIER		179-6	1		
		179-7	1		
		179-8	1		
		294-33	REF		
		294-34	REF		
		340C-1	1		
AN/ARC27		303	REF		
AN/ARC3		303-7	REF		
AN/ARC33		303	REF		
AN12H17		350-25	6		
AN122717		345-5	AR		
AN145-8S		123-27	AR		
AN146-8S		123-28	AR		
AN155-16L		62-34	AR		
AN155-16S		402-24	AR		
AN155-32S		410-7	AR		
AN155-8S		110-2	AR		
AN155-80L		226-44	AR		
AN161-22LS		141-11	AR		
AN161-8RS		110-3	AR		
AN162-3LS		424-11	AR		
AN162-3RL		77-47	AR		
AN165-125RL		407-2	AR		
AN165-16RL		77-44	AR		
AN165-22LL		410-8	AR		
AN165-32RS		410-6	AR		
AN165-8RS		123	AR		
AN173-11A		195-3	AR		
AN173-13A		169-3	AR		
AN173-15A		169-4	AR		
AN173-7		205-30	AR		
AN173-7A		195-4	AR		
AN174-11A		97-11	AR		
AN174-12A		100-10	AR		
AN174-13		102-32	AR		
AN174-13A		197-23	AR		
AN174-14		102-13	AR		
AN174-14A		197-15	AR		
AN174-15		7-5	AR		
AN174-16A		195-9	AR		
AN174-16D		204-10	AR		
AN174-17A		203-19	AR		
AN174-20		199-19	AR		
AN174-20A		198-21	AR		
AN174-23A		198-18	AR		
AN174-24A		209-12	AR		
AN174-33A		190-29	AR		
AN174-44A		75-9	AR		
AN174-5A		201-5	AR		
AN174-6A		205-1	AR		
AN174-7A		198-5	AR		
AN174H37A		203-7	AR		
AN174H5A		102-27	AR		
AN174H7A		198	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AN175-13A		98	AR		
AN175-15A		98-38	AR		
AN175-17		102-47	AR		
AN175-20		197-32	AR		
AN175-20A		98-47	AR		
AN175-24		160-34	1		
AN175-27A		203-14	AR		
AN175-31		102-2	AR		
AN175-32		102-21	1		
AN175-60A		208-21	AR		
AN175H30A		203-5	AR		
AN176-12A		77-57	AR		
AN176-14A		77-58	AR		
AN176-21A		207-23	AR		
AN180-25		96-39	AR		
AN200KP3		198-20	AR		
AN200KP4		100-15	AR		
AN200KP5		204-18	AR		
AN200KS3		211-26	AR		
AN200KS3L		64-17	AR		
AN200KS4		100-6	AR		
AN200KS8		138-10	AR		
AN200K3		198-25	AR		
AN200K3L		270-15	AR		
AN200K3SL		414	AR		
AN200K31		70-14	AR		
AN200K4		191-4	AR		
AN200K5		203-21	AR		
AN200K6		76-2	AR		
AN201KP3A		204-19	AR		
AN201KP4A		191-2	AR		
AN201KP5A		208-25	AR		
AN201KP6A		171-22	AR		
AN201K10A		191-14	AR		
AN201K12A		197-58	AR		
AN201K3A		203-23	AR		
AN201K6A		198-2	AR		
AN201K8A		199-30	AR		
AN202K21B		199-32	AR		
AN202K33B		198-30	AR		
AN206DSP4		197-48	AR		
AN206DS3		75-44	AR		
AN206DS4		197-29	AR		
AN207DP3		441-33	AR		
AN207DP4		373	AR		
AN207DP6		14-14	AR		
AN207D4		197-8	AR		
AN207D6		207-24	AR		
AN210-1A		110-9	AR		
AN210-1B		174	AR		
AN210-2A		173-10	AR		
AN210-2B		112-7	AR		
AN210-3A		174-7	AR		
AN210-3B		159-33	AR		
AN210-4A		160-37	2		
AN210-4B		193-26	AR		
AN210-5B		193-23	AR		
AN218-4		173-16	AR		
AN218P4		212-10	AR		
AN219-2		114-30	AR		
AN220-1		155-3	AR		
AN23-10		145-20	AR		
AN23-10A		373-16	AR		
AN23-11		171-31	AR		
AN23-11A		176-14	AR		
AN23-12		145-16	AR		
AN23-12A		176-41	AR		
AN23-13		176-30	AR		
AN23-14A		270-13	AR		
AN23-15		159-17	AR		
AN23-15A		398-34	AR		
AN23-16		408-62	AR		
AN23-16A		82-59	AR		
AN23-17		371-3	AR		
AN23-18		171-27	AR		
AN23-19		66-7	AR		
AN23-20		171-4	AR		
AN23-21		403-32	AR		
AN23-22		71-6	AR		
AN23-22A		176-34	AR		
AN23-25A		370-15	AR		
AN23-30A		361-33	AR		
AN23-31A		359-32	AR		
AN23-34		192-1	AR		
AN23-36A		395-18	AR		
AN23-42		66-13	AR		
AN23-46		270-22	AR		
AN23-8		363-40	AR		
AN23-9		168-18	AR		
AN24-11		366-31	AR		
AN24-12A		356-6	AR		
AN24-13A		175-15	AR		
AN24-14		130-53	AR		
AN24-15		193-5	AR		
AN24-15A		76-33	AR		
AN24-17		130-56	AR		
AN24-19		98-26	AR		
AN24-20		98-25	AR		
AN24-25H		413-35	AR		
AN24-28A		373-30	AR		
AN24-30		96-3	AR		
AN24-32		96-4	AR		
AN24-34		269-17	AR		
AN25-18		277-16	AR		
AN25-25		96-37	AR		
AN25-31		478-15	AR		
AN253-2-106		15-9	AR		
AN253-2-49		68-23	AR		
AN253-3-650		326-20	AR		
AN2552A3A		316-18	AR		
AN26-15		219-4	AR		
AN26-16A		260-3	AR		
AN26-18		216-7	AR		
AN26-34		484-47	AR		
AN27-19		221-3	AR		
AN27-23		221-2	AR		
AN27-38A		51-7	AR		
AN27086		327-7	AR		
AN28-36		56-11	AR		
AN3-10		228-15	AR		
AN3-10A		111-17	AR		
AN3-11		210-24	AR		
AN3-11A		111	AR		
AN3-12		63-5	AR		
AN3-12A		111	AR		
AN3-13A		120-29	AR		
AN3-14A		146-15	AR		
AN3-15A		191-17	AR		
AN3-16A		223-18	AR		
AN3-17A		190-39	AR		
AN3-20		120-5	AR		
AN3-20A		109-25	AR		
AN3-21A		130-30	AR		
AN3-22A		366-62	AR		
AN3-23A		230-3	AR		
AN3-24A		212-19	AR		
AN3-25A		168-30	AR		
AN3-27		384-13	AR		
AN3-27A		395-43	AR		
AN3-3		154-15	AR		
AN3-3A		145-24	AR		
AN3-30A		25-5	AR		
AN3-31A		255-24	AR		
AN3-32A		255-28	AR		
AN3-35		434-3	AR		
AN3-37A		170-10	AR		
AN3-4		178-34	AR		
AN3-4A		103-20	AR		
AN3-44		110-34	AR		
AN3-44A		440-46	AR		
AN3-46A		427-3	AR		
AN3-5		178	AR		
AN3-5A		100-18	AR		
AN3-51		110	AR		
AN3-6		228-41	AR		
AN3-6A		26-23	AR		
AN3-7		190-10	AR		
AN3-7A		26	AR		
AN3C5A		438-27	AR		
AN3H11A		435-16	AR		
AN3H3A		207	AR		
AN3H4A		180-14	AR		
AN3H5-2		432-1	AR		
AN3H5A		43-2	AR		
AN3H6A		352-51	AR		
AN3H7A		352-55	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AN301K10A		114	AR		
AN3021-1		181-4	AR		
AN3021-2		296-11	AR		
AN3021-3		181	AR		
AN3021-5		294-6	AR		
AN3021-7		285-11	AR		
AN3021-8		328-17	AR		
AN3022-15B		299-6	AR		
AN3022-2		296-23	AR		
AN3022-6		294-9	AR		
AN3022-8		92-26	AR		
AN3023-1		318-9	AR		
AN3023-3		92	AR		
AN3025-2		314-4	AR		
AN3027-1		285	AR		
AN3027-3		185	AR		
AN3027-6		284A-6	AR		
AN3027-7		296-15	AR		
AN3027-8		285-12	AR		
AN3028-1		319-9	AR		
AN3028-4		297-13	AR		
AN3033-7		21-3	AR		
AN3033-8		21	AR		
AN3034-1		295-9	AR		
AN3034-3		304-1	AR		
AN3042-3		7	AR		
AN3042-4		7	AR		
AN3054-10		293	AR		
AN3054-12		294	AR		
AN3054-12A		334	AR		
AN3054-16		293	AR		
AN3054-4		294	AR		
AN3054-6		293	AR		
AN3054-8		179-30	AR		
AN3057-10A		278	AR		
AN3057-12		191	AR		
AN3057-12A		91	AR		
AN3057-16		336	AR		
AN3057-16A		293	AR		
AN3057-20A		293	AR		
AN3057-24A		333	AR		
AN3057-3		334	AR		
AN3057-3A		292	AR		
AN3057-4A		293	AR		
AN3057-6		315	AR		
AN3057-6A		292	AR		
AN3057-8		105	AR		
AN3057-8A		179-33	AR		
AN3095-7		278-8	AR		
AN3099-1		91-11	AR		
AN3099-7		320-14	AR		
AN310-10		162-39	AR		
AN310-3		17-16	AR		
AN310-4		102-11	AR		
AN310-5		102-1	AR		
AN310-6		407-15	AR		
AN310-7		402-40	AR		
AN310-8		169-22	AR		
AN310C-9		402-2	AR		
AN3100-24-28S		330	1		
AN3100-28-16S		330	1		
AN3100A10SL4P		464-40	1		
AN3100A14S2S		92-12	1		
AN3100A14S6S		325	2		
AN3100A16-12S		313-27	1		
AN3100A16-9S		328-7	1		
AN3100A16S1S		293-41	1		
AN3100A18-1S		307-2	1		
AN3100A18-10S		92-16	1		
AN3100A18-12P		92-5	1		
AN3100A20-27P		94-12	1		
AN3100A20-27S		304-2	1		
AN3100A20-29P		320-17	1		
AN3100A20-33S		313	1		
AN3100A22-14S		307-3	1		
AN3100A22-19P		304	1		
AN3100A22-19S		316	1		
AN3100A22-19SW		279-36	1		
AN3100A28-11S		293	1		
AN3100A28-12P		315-7	1		
AN3100A28-15S		304-49	1		
AN3100A28-20S		328-38	1		
AN3100A32-6S		316-30	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AN3100A32-7S		293	1		
AN3100A32-8P		94-1	1		
AN3100C20-27P		334-25	1		
AN3100C20-29P		320-9	1		
AN3100C24-28P		333-29	1		
AN3100C24-5P		337	1		
AN3100C28-11P		306	1		
AN3100C28-12P		293	1		
AN3100C28-21P		331A	1		
AN3100C32-7P		306	1		
AN3100M24-28P		293	1		
AN3100M28-11S		328-31	1		
AN3100M28-20S		328-33	1		
AN3101A14S2S		292-33	6		
AN3101A14S5P		433	1		
AN3101A14S5S		293-40	1		
AN3101A16S1S		305-38	1		
AN3101A18-1P		94-13	1		
AN3101A18-1S		479	1		
AN3101B14S2P		433-6	1		
AN3101B16S1P		304	1		
AN3101B16S1S		335	1		
AN3101B18-1S		93-3	1		
AN3101B20-27S		304-34	1		
AN3101B22-14P		91-2	1		
AN3102-14S2P		349-19	1		
AN3102-14S7P		336-23	REF		
AN3102A12S3S		292-32	6		
AN3102A20-27S		306-14	1		
AN3102A22-19S		279-25	1		
AN3102A22-24P		335-14	1		
AN3102A28-11P		312-23	1		
AN3102A28-11PW		312-26	1		
AN3102A32-7P		312-25	1		
AN3102A32-7PWW		312-24	1		
AN3102C14S1P		336-34	REF		
AN3102C14S7P		336-34	1		
AN3102E22-14P		358A-44	1		
AN3102M22-14S		305-42	1		
AN3102M28-11S		328	1		
AN3102M28-20S		328	1		
AN3106-12S3S		298-4	3		
AN3106A16-11S		298-3	4		
AN3106A16S6P		298-5	3		
AN3106A18-12P		293-12	1		
AN3106A32-7P		293-1	1		
AN3106A32-7S		306-1	1		
AN3106B10SL3S		294-3	3		
AN3106B10SL4S		91-4	1		
AN3106B10S2S		292-44	1		
AN3106B10S3S		322-5	1		
AN3106B12S2S		91-7	1		
AN3106B12S3P		293-23	1		
AN3106B12S3S		91-1	1		
AN3106B14S2P		292-43	1		
AN3106B14S2S		91-5	1		
AN3106B14S5P		293-10	1		
AN3106B14S5S		307-11	1		
AN3106B14S6P		325-31	1		
AN3106B14S7S		91-3	1		
AN3106B14S9S		293-11	1		
AN3106B16-12P		325-15	1		
AN3106B16S1P		105-6A	1		
AN3106B16S1S		293	1		
AN3106B16S11S		279-32	1		
AN3106B16S8S		293-4	1		
AN3106B18-1P		307	1		
AN3106B18-1S		479	1		
AN3106B18-10S		320-7	1		
AN3106B18-12S		92-6	1		
AN3106B18-5S		278-1	1		
AN3106B18-8S		306-11	1		
AN3106B18-9S		278-11	1		
AN3106B20-18S		333-4	1		
AN3106B20-19S		325-8	1		
AN3106B20-27P		105-6	1		
AN3106B20-27S		294-27	1		
AN3106B20-29S		314-25	1		
AN3106B22-14P		305-43	1		
AN3106B22-14S		306	1		
AN3106B22-19S		304	1		
AN3106B22-24S		335-9	1		
AN3106B24-20S		317-10	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AN3106B24-28P		333-22	1		
AN3106B24-28S		293-16	1		
AN3106B24-5S		337-3	1		
AN3106B24-7S		314-35	1		
AN3106B28-11P		293-2	1		
AN3106B28-11S		306-2	1		
AN3106B28-11SW		306	1		
AN3106B28-12S		293-15	1		
AN3106B28-15P		105	1		
AN3106B28-16P		331-4	1		
AN3106B28-16S		333-34	1		
AN3106B28-17P		333-28	1		
AN3106B28-20P		485-26	1		
AN3106B32-13S		333-25	1		
AN3106B32-6P		325-2	1		
AN3106B32-7S		306	1		
AN3106B32-7SW		306	1		
AN3106B36-8P		333-21	1		
AN3106B36-8S		333-20	1		
AN3106B4S5S		313-1	1		
AN3106E14S2S		340C-21	1		
AN3106E20-27S		340C-26	1		
AN3106M18-12P		333-36	1		
AN3106M18-12S		333-35	1		
AN3106M20-27S		333-37	1		
AN3106M22-14P		333-38	1		
AN3106M22-14S		305-35	1		
AN3106M24-20P		339-8	1		
AN3106M24-5P		339-7	1		
AN3106M24-7S		339-6	1		
AN3106M28-11P		485-30	1		
AN3106M28-11S		306	1		
AN3106M28-12S		331A-53	1		
AN3106M28-20P		485-29	1		
AN3106M28-21S		331A	1		
AN3106M32-7S		306	1		
AN3107B16S1S		336-39	REF		
AN3107B18-1S		479	1		
AN3107B18-12S		93-1	1		
AN3107B20-29S		320	1		
AN3108-10SL4S		322-4	1		
AN3108-16-11S		393-34	2		
AN3108-20-27P		191-19	1		
AN3108A28-12S		306-8	1		
AN3108B10SL4S		325-30	1		
AN3108B12S3S		316-14	1		
AN3108B14S2S		316	1		
AN3108B14S5S		314	1		
AN3108B14S6P		325-18	1		
AN3108B14S7S		316-34	1		
AN3108B14S9S		316	1		
AN3108B16-1S		314	1		
AN3108B16S1S		314-17	1		
AN3108B18-1P		334-5	1		
AN3108B18-12S		316-3	1		
AN3108B20-15S		333-1	1		
AN3108B20-18P		333-2	1		
AN3108B20-27SX		314-27	1		
AN3108B2C-29S		320	1		
AN3108B22-14S		333-6	1		
AN3108B22-14SW		333-7	1		
AN3108B24-20S		317-1	1		
AN3108B24-28S		333-30	1		
AN3108B28-20P		328-34	1		
AN3108B32-13P		333-24	1		
AN3108B32-8S		304-21	2		
AN3108B8S1P		334-4	1		
AN3108M24-5S		339-13	1		
AN3108M24-7S		339-12	1		
AN3110-1		325	1		
AN3110-2		325	1		
AN3115-1		74-35	1		
AN3116-2		304	1		
AN3121-313		105	3		
AN3121R313		295	1		
AN3122-1524		7	1		
AN3124-307		325	2		
AN3129-4523		278	1		
AN3131-303		91-9	1		
AN3133-11		320	1		
AN3133-311		91-10	1		
AN3136R323		304	3		
AN3140-327		185A	1		

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AN315-3		127-42	AR		
AN315-3R		138-8	AR		
AN315-4R		203-2	AR		
AN315-5L		208-16	AR		
AN315-5R		381-8	AR		
AN315-7R		138-5	AR		
AN315C4R		73	AR		
AN3150-2		279-7	AR		
AN3155-25-100		304-10	AR		
AN3155-25-11		297-14	AR		
AN3155-50-100		304-11	AR		
AN3157-2		296-4	AR		
AN3157-3		308-17	AR		
AN3157-4		105	AR		
AN3157-6		105-4	AR		
AN3158-1A		325	AR		
AN3158-2A		325	AR		
AN316-14R		38-44	AR		
AN316-3R		211-25	AR		
AN316-4		20-19	AR		
AN316-4R		123-31	AR		
AN316-428		359-29	AR		
AN316-5		69-33	AR		
AN316-5L		208-11	AR		
AN316-5R		164-4	AR		
AN316-6L		76-15	AR		
AN316-6R		190-3	AR		
AN316-7R		407-3	AR		
AN316-8		443-10	AR		
AN316-8R		482-4	AR		
AN316-9R		408-2	AR		
AN316L4		236-15	AR		
AN3160-10		299-1	1		
AN3161P10		282-5	1		
AN3161P15		278-30	1		
AN3161P15-35		295	1		
AN3161P20		295-5	1		
AN3161P25		282-10	1		
AN3161P35		295-6	1		
AN3161P5		282-4	1		
AN3166-1		286	1		
AN3167-1		151	1		
AN3168-2		384-18	REF		
AN3169-1		71-20	1		
AN3170-1		141	1		
AN3177-9		91-8	1		
AN3195-4		341-4	AR		
AN3199-4		341-11	AR		
AN320-10		402-18	AR		
AN320-2		64-14	AR		
AN320-3		145-18	AR		
AN320-4		102-4	AR		
AN320-5		102-40	AR		
AN320-6		216-5	AR		
AN320-7		221-1	AR		
AN320-8		29-24	AR		
AN320-9		277-11	AR		
AN320D3V30		182-3	REF		
AN3210-1		71-21	1		
AN3211		321	REF		
AN3211-2		304-37	1		
AN3211-3		289	1		
AN3215-1		141-23	1		
AN3216-1		286-4	1		
AN3219-1		304-25	3		
AN3220-1		289-24	1		
AN3220-2		304-38	1		
AN3220-3		289	1		
AN3221-1		285-15	1		
AN3223-1		296	2		
AN3224-2		296	2		
AN3225-1		294	1		
AN3226-1		284A-16	1		
AN3227-1		297-2	1		
AN3227-3		92-28	1		
AN3229-1		92-27	1		
AN3234-1		75-27	1		
AN3308-1		313-28	1		
AN3310-1		279-24	1		
AN3311-1		309-15	1		
AN3311-2		278A-21	1		
AN3312-1		189-12	2		
AN3316-1		282-28	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AN3316-2		309-5	REF		
AN3319-1		308-5	1		
AN3339-1		319-13	1		
AN3350-1		282-31	1		
AN3350-2		283-18	1		
AN3352-1		282-35	1		
AN3353-1		280-4	1		
AN3370-1		278-23	2		
AN3370-2		281-3	2		
AN3380-1		315-31	2		
AN3391-1		315-35	1		
AN340-10		403-9A	AR		
AN340-5		393-20	AR		
AN340-6		141-29	AR		
AN340-616		315-10	AR		
AN340-8		341-10	AR		
AN340-832		171	AR		
AN341-4		406-1	AR		
AN341-416		186-11	AR		
AN341-516		228-36	AR		
AN341-6		294	AR		
AN341-616		295-16	AR		
AN341-8		358A	AR		
AN3420-16A		105-38	1		
AN3432-428-20		293-30	2		
AN3433-2-2		278	1		
AN3433-2-3		313	1		
AN3433-2-6		181	1		
AN3433-2-7		181	1		
AN3433-2-8		185A	1		
AN3434-1		185A	1		
AN3434-2		312-30	2		
AN3436-1-11		340A-8	1		
AN3436-1-12		293A-8	1		
AN3436-1-15		340A-20	1		
AN3436-1-18		293A-6	1		
AN3436-1-7		358A-19	1		
AN3436-1-9		185A-45	1		
AN3436-2-1		94	1		
AN3436-2-11		306	1		
AN3436-2-12		94-4	1		
AN3436-2-13		335-32	1		
AN3436-2-14		293	1		
AN3436-2-18		328-35	2		
AN3436-2-2		91-14	2		
AN3436-2-3		92	1		
AN3436-2-4		92	1		
AN3436-2-5		94-11	1		
AN3436-2-6		181-13	1		
AN3436-2-7		92-7	1		
AN3436-2-8		293	1		
AN3436-2-9		305-34	1		
AN3436-4-2		92-29	1		
AN3436-4-3		94-6	1		
AN3436-6-1		278-37	REF		
AN3436-6-11		278-35	REF		
AN3436-6-13		331-40	3		
AN3436-6-2		334-12	1		
AN3436-6-3		278-36	REF		
AN3436-6-9		325-10	1		
AN3437-3-3		293-26	AR		
AN345-10		29-46	AR		
AN345-416		123-30	AR		
AN3499		316-44	REF		
AN3499-1		316-35	1		
AN350-1032		170-8	AR		
AN3502-2A		297	REF		
AN3515-1		279-8	1		
AN363-820		415-14	12		
AN363-832		160-17C	4		
AN363C1032		162-27	AR		
AN363C428		162	AR		
AN363C832		186-3	AR		
AN364-1032		142-13	AR		
AN364-1216		210-9	AR		
AN364-420		56-9	AR		
AN364-428		100-1	AR		
AN364-524		155-7	AR		
AN364-624		222-14	AR		
AN364-632		291-1	AR		
AN364-720		51-9	AR		
AN364-820		68-3	AR		
AN364-832		111-23	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AN364B624		295-18	AR		
AN364B70		353-35	AR		
AN364C720		344-13	AR		
AN364D428		206-15	AR		
AN364D832		177-10	AR		
AN365-1032		20-2	AR		
AN365-428		26-12	AR		
AN365-440		19A	AR		
AN365-448		205	AR		
AN365-524		18-11	AR		
AN365-624		25-12	AR		
AN365-632		124	AR		
AN365-720		16-28	AR		
AN365-820		130-43	AR		
AN365-822		172-7	AR		
AN365-832		102-17	AR		
AN365-918		277-8	AR		
AN365B1032		170	AR		
AN365B440		188-9	AR		
AN365B632		21-4	AR		
AN365B832		188-4	AR		
AN365C1032		161	AR		
AN365D1032		270-11	AR		
AN365D428		206-25	AR		
AN366F1032		121	AR		
AN366F832		308-14	AR		
AN380-2-1		151-37	AR		
AN380-2-2		197-2A	AR		
AN381-2-10		139-9	AR		
AN381-2-12		151-18	AR		
AN381-2-14		143-15	AR		
AN381-2-5		137-13	AR		
AN381-2-6		141-33	AR		
AN381-2-7		141-17	AR		
AN381-2-8		123-11	AR		
AN385-1-10		345-29	AR		
AN385-60-4		401-6	AR		
AN385-60-5		401-1	AR		
AN386-1-11A		366-37	AR		
AN386-1-8A		366-36	AR		
AN386-2-10		194-44	AR		
AN386-2-7A		398-9	AR		
AN386-2-9A		398-14	AR		
AN386-3-8A		398-21	AR		
AN392-11		143-30	AR		
AN392-13		143-20	AR		
AN392-15		141-44	AR		
AN392-17		151-45	AR		
AN392-19		194-21	AR		
AN392-21		171-54	AR		
AN392-23		478-34	AR		
AN392-25		210-17	AR		
AN392-27		165-14	AR		
AN392-31		332-17	AR		
AN392-33		479-20	AR		
AN392-35		147-1	AR		
AN392-55		332-18	AR		
AN392-7		356-18	AR		
AN392-9		141-15	AR		
AN393-1		149-26	AR		
AN393-11		111-6	AR		
AN393-13		109-13	AR		
AN393-15		141-43	AR		
AN393-17		141-42	AR		
AN393-19		141-8	AR		
AN393-21		109-11	AR		
AN393-23		377-28	AR		
AN393-25		309-17	AR		
AN393-27		151-12	AR		
AN393-29		109-18	AR		
AN393-31		472-10	AR		
AN393-33		20-14	AR		
AN393-35		270-7	AR		
AN393-37		148-55	AR		
AN393-39		477-34	AR		
AN393-41		141-32	AR		
AN393-43		486-28	AR		
AN393-45		477-64	AR		
AN393-51		109-48	AR		
AN393-53		109-22	AR		
AN393-55		69-30	AR		
AN393-63		56	AR		
AN393-65		480-25	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AN393-67		147-32	AR		
AN393-7		194-12	AR		
AN393-81		481-32	AR		
AN393-9		110-5	AR		
AN393C31A		25	AR		
AN394-21		403-41	AR		
AN394-37		148-57	AR		
AN394-63		143-26	AR		
AN394-67		139-8	AR		
AN394-77		481-44	AR		
AN395-39		162-36	AR		
AN395-41		70-32	AR		
AN395-55		370-7	AR		
AN395-57		109-4	AR		
AN396-25		130-13	AR		
AN397-6		306	AR		
AN398-71		364-2	AR		
AN4-10		408-39	AR		
AN4-10A		128-44	AR		
AN4-11A		112-12	AR		
AN4-12		175-5	AR		
AN4-12A		24	AR		
AN4-13		193-8	AR		
AN4-13A		330-8	AR		
AN4-14		432-43	AR		
AN4-14A		146-18	AR		
AN4-15		408	AR		
AN4-15A		127-19	AR		
AN4-16A		162-12	AR		
AN4-17		447-17	AR		
AN4-17A		146-2	AR		
AN4-20A		206-28	AR		
AN4-21		109-35	AR		
AN4-21A		365-26	AR		
AN4-22		109-32	AR		
AN4-23A		245-1	AR		
AN4-24		110-20	AR		
AN4-24A		358-12	AR		
AN4-25A		162-16	AR		
AN4-26A		146-3	AR		
AN4-27		441-4	AR		
AN4-27A		130-42	AR		
AN4-30		144-7	AR		
AN4-31		69-10	AR		
AN4-31A		68-15	AR		
AN4-35A		476-10	AR		
AN4-4A		193-42	AR		
AN4-41A		487-9	AR		
AN4-43A		358-10	AR		
AN4-47A		193-18	AR		
AN4-5		366-30	AR		
AN4-5A		210-12	AR		
AN4-6A		179-3	AR		
AN4-7A		112-13	AR		
AN4H10A		160-36	AR		
AN4H11A		39-16	AR		
AN4H12A		39-17	AR		
AN4H13		38-28	AR		
AN4H13A		456-6	AR		
AN4H15A		456	AR		
AN4H4		38-5	AR		
AN4H4A		433	AR		
AN4H5A		316-4	AR		
AN4H6A		435-4	AR		
AN4H7A		4-10	AR		
AN4045-1		261-12	AR		
AN410A		114-29	AR		
AN416-1		54-47	AR		
AN42-15A		128-18	AR		
AN42-3A		135-33	AR		
AN42-5A		421-13	AR		
AN43-5		399-9	AR		
AN43-5A		53-34	AR		
AN43-7A		109-15	AR		
AN450ASC16		92-19	AR		
AN481-11		383	AR		
AN481-12P		168-14	AR		
AN481-3P		212-16	AR		
AN481-4		373-13	AR		
AN481-9P		408-48	AR		
AN486-3		479-27	AR		
AN486-4		109-14	AR		
AN486-4P		212-14	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AN5-10A		112	AR		
AN5-11A		112-19	AR		
AN5-12		395-9	AR		
AN5-12A		53-2	AR		
AN5-13A		402-30	AR		
AN5-14A		395-10	AR		
AN5-20A		54-37	AR		
AN5-21A		398-38	AR		
AN5-22A		14	AR		
AN5-23A		14-17	AR		
AN5-30A		170-52	AR		
AN5-31A		405-14	AR		
AN5-44		141-18	AR		
AN5-6A		29-53	AR		
AN5-7A		29-55	AR		
AN5H4A		461-20	AR		
AN5H5A		461-18	AR		
AN500-8-12		388-4	AR		
AN500AC416-28		344-2	AR		
AN500AC416-40		353-31	AR		
AN500A10-6		350-11	AR		
AN500A10-7		477-21	AR		
AN500A4-4		278A-10	AR		
AN500A4-5		104-13	AR		
AN500A6-16		440-34	AR		
AN500A6-18		323-16	AR		
AN500A6-5		349-33	AR		
AN500A6-7		295	AR		
AN500A8-12		312-5	AR		
AN500A8-4		418-6	AR		
AN500A8-5		477-11	AR		
AN500A8-6		418-7	AR		
AN500A8-7		295	AR		
AN500A8-8		474-23	AR		
AN501-10-10		38-29	AR		
AN501-416-10		45-24	AR		
AN501A10-22		216-25	AR		
AN501A10-4		454	AR		
AN501A10-5		231-8	AR		
AN501A10-8		252-1	AR		
AN501A3-6		375-4	AR		
AN501A416-14		345-6	AR		
AN501A6-4		74-31	AR		
AN501A8-12		82-45	AR		
AN502-10-10		246-3	AR		
AN502-10-16		198-9	AR		
AN502-10-7		246-1	AR		
AN502-10-8		38-19	AR		
AN502-416-10		45-4	AR		
AN502-416-24		38-52	AR		
AN502-416-26		74-3	AR		
AN503-416-10		343-6	AR		
AN503-416-6		462-7	AR		
AN503-6-4		403-12	AR		
AN503-8-12		247-3	AR		
AN503-8-4		15-1	AR		
AN503-8-6		186	AR		
AN503-8-8		15-6	AR		
AN507-1024R10		353-47	AR		
AN507-1024R7		353-51	AR		
AN507-1032-10		142-12	AR		
AN507-1032-8		296-21	AR		
AN507-1032R10		308-10	AR		
AN507-1032R18		170-27	AR		
AN507-1032R7		335-8	AR		
AN507-1032R8		170-14	AR		
AN507-420R12		474-16	AR		
AN507-428-10		206-16	AR		
AN507-428-32		206-17	AR		
AN507-428R14		351-4	AR		
AN507-440-4		457-5	AR		
AN507-440R12		406-7	AR		
AN507-440R14		406-2	AR		
AN507-440R24		291-14	AR		
AN507-440R7		312-31	AR		
AN507-440R8		104-18	AR		
AN507-632R20		415-37	AR		
AN507-632R5		300	AR		
AN507-632R6		308-30	AR		
AN507-632R7		308-6	AR		
AN507-632R8		336-32	AR		
AN507-632R9		93-17	AR		
AN507-832-10		170-6	AR		

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AN507-832-8		347-11	AR		
AN507-832R10		358A-18	AR		
AN507-832R12		93-12	AR		
AN507-832R24		93-13	AR		
AN507-832R5		296-24	AR		
AN507-832R6		278A-22	AR		
AN507-832R7		278A-7	AR		
AN507-832R8		384-9	AR		
AN507B1032R7		185C	AR		
AN507B616R28		315-13	AR		
AN507B632R20		182-14	AR		
AN507B632R6		186-6	AR		
AN507B632R8		21-6	AR		
AN507B8R20		185-52	AR		
AN507B832R14		188-7	AR		
AN507B832R16		188-8	AR		
AN507C1024R10		353-53	AR		
AN507C1032R10		345-17	AR		
AN507C832-8		140-9	AR		
AN507DC1032-8		347-3	AR		
AN507UB1032R7		185C	AR		
AN507UB440R8		188-18	AR		
AN507UB632R20		182	AR		
AN507UB8R20		185A-26	AR		
AN509-10-11		381-22	AR		
AN509-10-12		412-2	AR		
AN509-10-13		100-23	AR		
AN509-10-14		100-22	AR		
AN509-10-25		483-3	AR		
AN509-10-27		5-7	AR		
AN509-10-28		398-17	AR		
AN509-10-34		400-4	AR		
AN509-10-37		400	AR		
AN509-10-7		131-50	AR		
AN509-10-9		32-4	AR		
AN509-10R10		103-3	AR		
AN509-10R11		19A-16	AR		
AN509-10R12		106	AR		
AN509-10R13		146-49	AR		
AN509-10R14		146-43	AR		
AN509-10R16		146-56	AR		
AN509-10R17		432	AR		
AN509-10R21		165-4	AR		
AN509-10R23		484	AR		
AN509-10R24		484	AR		
AN509-10R26		358-19	AR		
AN509-10R28		429-34	AR		
AN509-10R32		484-36	AR		
AN509-10R33		484-37	AR		
AN509-10R35		418-19	AR		
AN509-10R5		74-32	AR		
AN509-10R7		19A-7	AR		
AN509-10R8		19A-5	AR		
AN509-10R9		18	AR		
AN509-1032R7		31	AR		
AN509-1032R8		31	AR		
AN509-416-12		481-26	AR		
AN509-416-13		481-20	AR		
AN509-416-14		481	AR		
AN509-416-16		481	AR		
AN509-416-19		135-6	AR		
AN509-416-30		442-25	AR		
AN509-416R10		51-34	AR		
AN509-416R11		54-6	AR		
AN509-416R13		112-11	AR		
AN509-416R14		441-40	AR		
AN509-416R15		27-39	AR		
AN509-416R30		386	AR		
AN509-416R38		484-34	AR		
AN509-516-13		481-23	AR		
AN509-516-16		481	AR		
AN509-516R15		31	AR		
AN509-516R22		165-11	AR		
AN509-8-11		38-13	AR		
AN509-8-6		153-7	AR		
AN509-8-8		110-24	AR		
AN509-8R10		454-3	AR		
AN509-8R15		335-20	AR		
AN509-8R16		332-44	AR		
AN509-8R22		336-28	AR		
AN509-8R6		106-25	AR		
AN509-8R8		129-20	AR		
AN509-8R9		282-33	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AN509-832R14		31	AR		
AN515-10-6		122-9	AR		
AN515-10R8		104-1	AR		
AN515-2R2		352-31	AR		
AN515-2R3		355-1	AR		
AN515-2R5		355	AR		
AN515-2R6		355-10	AR		
AN515-2R7		355	AR		
AN515-3R4		471	AR		
AN515-4-12		442-32	AR		
AN515-4R14		325-22	AR		
AN515-4R16		296-36	AR		
AN515-4R18		75-21	AR		
AN515-4R5		104-12	AR		
AN515-4R6		179-26	AR		
AN515-4R7		288-17	AR		
AN515-4R8		19A-24	AR		
AN515-416-8		393-31	AR		
AN515-5-4		393-18	AR		
AN515-5R6		336-3	AR		
AN515-6-10		125-26	AR		
AN515-6-18		141-24	AR		
AN515-6-20		432-39	AR		
AN515-6-7		124-16	AR		
AN515-6-8		124	AR		
AN515-6-9		124-14	AR		
AN515-6P12		312-10	AR		
AN515-6R10		278A-12	AR		
AN515-6R12		252-3	AR		
AN515-6R14		340B	AR		
AN515-6R16		288-2	AR		
AN515-6R18		292-6	AR		
AN515-6R3		431-12	AR		
AN515-6R32		305	AR		
AN515-6R4		282-30	AR		
AN515-6R40		166-20	AR		
AN515-6R5		283-10	AR		
AN515-6R6		180-23	AR		
AN515-6R7		19-26	AR		
AN515-6R8		299-3	AR		
AN515-6R9		284A-11	AR		
AN515-8-10		151-50	AR		
AN515-8-11		477-62	AR		
AN515-8-12		151-31	AR		
AN515-8-27		177-14	AR		
AN515-8-6		153-21	AR		
AN515-8-7		290-14	AR		
AN515-8-8		193-34	AR		
AN515-8-9		125-11	AR		
AN515-8R10		126-3	AR		
AN515-8R11		126-6	AR		
AN515-8R12		172-4	AR		
AN515-8R13		172-5	AR		
AN515-8R14		126-5	AR		
AN515-8R16		180-2	AR		
AN515-8R18		126	AR		
AN515-8R20		126	AR		
AN515-8R22		180	AR		
AN515-8R24		180	AR		
AN515-8R28		316-42	AR		
AN515-8R32		288-13	AR		
AN515-8R4		441-28	AR		
AN515-8R40		340C	AR		
AN515-8R42		378-18	AR		
AN515-8R5		366-22	AR		
AN515-8R6		16-18	AR		
AN515-8R7		111-24	AR		
AN515-8R8		104-4	AR		
AN515-8R84		413-44	AR		
AN515-8R9		125-31	AR		
AN515B10R20		185A-27	AR		
AN515B6R16		185-50	AR		
AN515B6R18		182-20	AR		
AN515B6R20		182-12	AR		
AN515B6R6		73-23	AR		
AN515B6R7		185-56	AR		
AN515B6R8		74-16	AR		
AN515B8R10		329-34	AR		
AN515B8R8		185-51	AR		
AN515C4R5		354-32	AR		
AN515C8-9		186-2	AR		
AN515C8R5		102-18	AR		
AN515C8R18		344-6	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AN515CER8		344-7	AR		
AN515R12		94-19	AR		
AN515U8R20		185-48	AR		
AN515UB6R18		182-26	AR		
AN515UB6R20		182-22	AR		
AN520-10-14		138-7	AR		
AN520-10-6		391-39	AR		
AN520-10-7		122-7	AR		
AN520-10-8		141-21	AR		
AN520-10R10		162-6	AR		
AN520-10R12		226-34	AR		
AN520-10R18		179-41	AR		
AN520-10R20		74-18A	AR		
AN520-10R24		418-27	AR		
AN520-10R26		409-12	AR		
AN520-10R28		418-26	AR		
AN520-10R30		396-6	AR		
AN520-10R32		36-2	AR		
AN520-10R36		422-1	AR		
AN520-10R6		155-4	AR		
AN520-10R7		103-4	AR		
AN520-10R8		104-6	AR		
AN520-10R9		441-16	AR		
AN520-1032R18		432-45	AR		
AN520-4-12		205	AR		
AN520-4-8		392-27	AR		
AN520-416-10		393-26	AR		
AN520-416-14		392-21	AR		
AN520-416R16		422-7	AR		
AN520-416R7		4-25	AR		
AN520B10R20		185-55	AR		
AN520B10R28		184	AR		
AN520B10R7		458-21	AR		
AN520UB10R28		184	AR		
AN526-1032R22		474-6	AR		
AN526-1032R32		331-22	AR		
AN526-428R12		435-39	AR		
AN526-632R9		352-1	AR		
AN526-832-10		136-52	AR		
AN526-832-6		123-8	AR		
AN526-832R7		160-17A	4		
AN526C428-12		437	AR		
AN530-10R10		387-12	AR		
AN530-10R8		387-13	AR		
AN530-2R3		105	AR		
AN530-4-4		391-37	AR		
AN530-6R8		91	AR		
AN5534-1		179-2	AR		
AN56A2-4		168-3	AR		
AN565-4A5		486-1	AR		
AN565A2-4		172-33	AR		
AN565A4-5		413-2	AR		
AN565A524H10		164-3	AR		
AN565A6H3		441-26	AR		
AN565A8H4		386-10	AR		
AN565B4-9		431-1	AR		
AN565B4H3		296-40	AR		
AN565B6-3		439-5	AR		
AN565C10-8		403-9	AR		
AN565D4-3		188-1	AR		
AN565D6H3		329-12	AR		
AN565D8-6		304	AR		
AN565D8H3		327-3	AR		
AN565D8H4		329-5	AR		
AN5743T1A		182-5	AR		
AN5760T2A		182-11	AR		
AN5760T4B		182-11	AR		
AN5766T3		178-30	AR		
AN5766T4		178-33	AR		
AN5771-7A		267-11	AR		
AN5771T4B		351-67	AR		
AN5771T7A		252-9	1		
AN5776-1		295-3	AR		
AN5800-1		363-8	AR		
AN5808-1		183	AR		
AN5808-2		183	AR		
AN5809-1		183	AR		
AN5816-2		74-34	AR		
AN5823-1		178	1		
AN5825-7		182-7	REF		
AN5825T3		182-7	REF		
AN5825T5		182-7	1		
AN5825T6		182-7	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AN5825T7		185-9	REF		
AN5830-3		394-6	3		
AN5839-1		299-8	3		
AN5839-2		300-6	REF		
AN5863W2		184-2	REF		
AN6-11A		29-9	AR		
AN6-12A		260-1	AR		
AN6-13A		193-25	AR		
AN6-14A		144-25	AR		
AN6-15A		144-26	AR		
AN6-16A		144-30	AR		
AN6-17A		144-27	AR		
AN6-20A		478-3	AR		
AN6-21A		127-6	AR		
AN6-22		407-16	AR		
AN6-24A		127-32	AR		
AN6-27		407-43	AR		
AN6-32A		25-13	AR		
AN6-33A		26	AR		
AN6003-2A		374-57	AR		
AN6003-24A		375-8	AR		
AN6003T12A		375-13	AR		
AN6021-1		374-51	REF		
AN6021-1A		286-1	1		
AN6024-6		374-28	AR		
AN6029-1		286-10	AR		
AN6033-1		374-9	AR		
AN6036-1		374	AR		
AN6037-1		374-63	AR		
AN6207-6		257-16	AR		
AN6207-8		251-17	AR		
AN6221-5		83	REF		
AN6224-5		83	REF		
AN6227-1		206-19	AR		
AN6227-10		228-12	AR		
AN6227-11		362-21	AR		
AN6227-12		226	AR		
AN6227-13		362-22	AR		
AN6227-26		197-41	AR		
AN6227-3		238-37	AR		
AN6227-5		173-18	AR		
AN6227-6		221-19	AR		
AN6227-7		238-42	AR		
AN6227-9		351-36	AR		
AN6230-9		394A	AR		
AN6234-2		272-25	REF		
AN6234-3		235-5	REF		
AN6234-6		230-10	1		
AN6235		235-14	REF		
AN6236-2		461	1		
AN624584		229-1	2		
AN6248-2		476-12	1		
AN6249-4		250-4	2		
AN6249-6		86-1	AR		
AN6249-8		275-7	1		
AN6249D8		241-11	REF		
AN6264-10D15 1/2		437-18	1		
AN6264-12D14 3/4		448-5	1		
AN6264-12D40 3/4		433-33	1		
AN6264-16D11 7/8		45-9	1		
AN6264-16D13 3/4		455-26	1		
AN6264-16D23		45-10	1		
AN6264-16D6 1/2		448-12	1		
AN6264-20D14 1/2		432-8	1		
AN6264-4-17 1/2		437-17	1		
AN6264-4-173-4		180-34	REF		
AN6264-4-20 1/2		433-34	1		
AN6264-4-50		433-39	1		
AN6264-4-59		180-35	REF		
AN6264-5-14		433-83	1		
AN6264-5-34 1/2		433-30	1		
AN6264-6-24		433-85	1		
AN6264-6D13		40-41	1		
AN6264-8D13		60-3	1		
AN6270-4-13		178-3	1		
AN6270-4-16		167-20	1		
AN6270-4-18		187	1		
AN6270-4-19 1/2		178-4	1		
AN6270-4-22		187-19	1		
AN6270-4-24		187	1		
AN6270-4-28		187-13A	1		
AN6270-4-5 3/4		178	1		
AN6270-4-8		167-19	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AN6271-3-19		351-48	6		
AN6271-4-10 1/2		83	1		
AN6271-4-11		83-11	1		
AN6271-4-12		216-20	1		
AN6271-4-18		262-16	1		
AN6271-4-19		83-10	1		
AN6271-4-22		476-41	1		
AN6271-4-26 3/4		436-36	1		
AN6271-4-44		168-27	1		
AN6271-4-8 1/2		216-21	1		
AN6271-6-11 3/4		243	1		
AN6271-6-24		476-28	1		
AN6271-6-51		436-6	1		
AN6279-4-6 1/2		178	1		
AN6279-6CD		79-8	1		
AN6280-6		274-8	3		
AN6287-1		216-30	1		
AN6289-12D		444-14	AR		
AN6289-4		216-27	AR		
AN6289-6		213-2	AR		
AN6289-8		389-22	1		
AN6289-8D		238-11	AR		
AN6289D12		214-21	AR		
AN6289D4		219	AR		
AN6289D6		238-17	AR		
AN6289D8		214-18	AR		
AN6290-10		444-12	AR		
AN6290-12		214-23	AR		
AN6290-16		448-16	AR		
AN6290-2		406-10	AR		
AN6290-3		261-9	AR		
AN6290-4		180-22	AR		
AN6290-5		261-5	AR		
AN6290-6		206-34	AR		
AN6290-8		214-16	AR		
AN6291-10		445-11	AR		
AN6291-12		214-22	AR		
AN6291-4		216-28	AR		
AN6291-6		213-3	AR		
AN6291-8		214-19	AR		
AN6292-6-19 1/2		263	1		
AN6292-6-23		262-14	2		
AN6292-6-27		262-15	2		
AN6292-8-16 3/4		436-38	1		
AN6292-8-19 1/2		263-6	2		
AN6292-8-20		436-37	1		
AN6532-1		376-3	1		
AN6538-1		179-46	REF		
AN663C3		414-7	AR		
AN664C2		111-29	AR		
AN664C3		63	AR		
AN665-21L		413-5	AR		
AN666-3		413-6	AR		
AN667-2		141-38	AR		
AN667-3		123-12	AR		
AN669L3		63	AR		
AN669S2LH		123	AR		
AN669S2RH		173	AR		
AN669S3		414-3	AR		
AN7-14		87-2	AR		
AN7-15		87-4	AR		
AN7-15A		16-32	AR		
AN7-26A		403-17	AR		
AN7-27A		277-3	AR		
AN73-3		461-3	AR		
AN73A7		354-14	AR		
AN735-28		433-123	AR		
AN735D15		476-36	AR		
AN735D22		476-18	AR		
AN735D6		476-17	AR		
AN737-22		167-33	AR		
AN737-30		52	AR		
AN737-46		39	AR		
AN737RM26		448-24	AR		
AN737RM34		432-5	AR		
AN737TW22		454	AR		
AN737TW24		464-11	AR		
AN737TW26		242	AR		
AN737TW34		48-1	AR		
AN737TW46		386	AR		
AN737TW56		40-17	AR		
AN737TW58		449	AR		
AN737TW66		449	AR		

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AN737TW82		464-8	AR		
AN737TW98		394A-30	AR		
AN74-11		456	AR		
AN74-3		180-15	AR		
AN74-4		455-11	AR		
AN74-5		179-24	AR		
AN74A5		354-12	AR		
AN742-16		438-28	AR		
AN742-4		215-22	AR		
AN742-4C		70-33	AR		
AN742-5		438-13	AR		
AN742-6		438-14	AR		
AN742-6C		215-16	AR		
AN742-8		215-21	AR		
AN742D10		386-1	AR		
AN742D10C		435-18	AR		
AN742D12C		433-102	AR		
AN742D14C		255-23	AR		
AN742D16		386-3	AR		
AN742D18C		391-13	AR		
AN742D19C		435-27	AR		
AN742D21C		478-39	AR		
AN742D22C		374-58	AR		
AN742D34C		393-2	AR		
AN742D4C		70	AR		
AN742D5		122-8	AR		
AN742D50C		239-21	AR		
AN742D6C		441-10	AR		
AN742D8C		401-15	AR		
AN743-12		215-23	AR		
AN743-13		150-57	AR		
AN743-8		215-20	AR		
AN748-114		464-7	AR		
AN748-30		448-22	AR		
AN748-34		448-19	AR		
AN748-38		374-53	AR		
AN749-3-3		280-9	AR		
AN755-5D		433-66	AR		
AN76A43		38-6	AR		
AN76A45		454	AR		
AN760D16		43-6	AR		
AN775-6		448-29	AR		
AN776-5D		433-68	AR		
AN776-6		448-30	AR		
AN78A10		437-39	AR		
AN781-2		279-28	AR		
AN781-3		295-15	AR		
AN783-4		250-1	AR		
AN783-4D		250	AR		
AN783-6		265-28	AR		
AN783-6D		256-29	AR		
AN783D4		436-28	AR		
AN783D8		258-25	AR		
AN784-4		234-15	AR		
AN784-4D		229-2	AR		
AN784-6		263-40	AR		
AN784-6D		213-11	AR		
AN784-8		258-18	AR		
AN784D4		253-18	AR		
AN784D6		77	AR		
AN784D8		258-2	AR		
AN8-12A		471-14	AR		
AN8-14A		415-16	AR		
AN8-16A		4-12	AR		
AN8-30		60-39	AR		
AN8DH15		51-37	AR		
AN8H10A		433-62	AR		
AN8H6A		433-69A	AR		
AN8H7A		433-36	AR		
AN8004-1		123-33	AR		
AN8005-1		123-32	AR		
AN8008D10		279-23	AR		
AN8008D2		180-26	AR		
AN8008D21		293-8	AR		
AN8008D28		334-9	AR		
AN8008D3C		334-8	AR		
AN8008D4		335	AR		
AN8013-1		335-23	AR		
AN8013D1		331A-10	AR		
AN8016-3-21		122-1	AR		
AN8016-3-27		122-3	AR		
AN8016-3-58		122-10	AR		
AN803-4		393-25	AR		

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AN804-4		217-16	AR		
AN804-5D		374-61	AR		
AN804-6		256-16	AR		
AN804-6D		250-11	AR		
AN804-8		81-9	AR		
AN804D4		217	AR		
AN804D6		232-5	AR		
AN806D10		382-1	AR		
AN806D4		242-9	AR		
AN807-6D		463-12	AR		
AN814-12D		453-21	AR		
AN814-4D		238-9	AR		
AN814-8D		238-46	AR		
AN815-10D		386-33	AR		
AN815-12D		241	AR		
AN815-16D		44-20	AR		
AN815-20D		453-11	AR		
AN815-3		261-8	AR		
AN815-3D		351-46	AR		
AN815-32D		450-37	AR		
AN815-4		168-26	AR		
AN815-4C		365-37	1		
AN815-4D		178-19	AR		
AN815-5D		374-13	AR		
AN815-6		206-4	AR		
AN815-6D		206-33	AR		
AN815-8		236-36	AR		
AN815-8D		220-10	AR		
AN816-4		364-24	AR		
AN816-4D		181-9	AR		
AN816-5-4D		374-6	AR		
AN816-6-6B		462-12	AR		
AN816-8D		394-11	AR		
AN818-4D		393-10	AR		
AN818-8D		392-4	AR		
AN819-4Z		393-11	AR		
AN819-8D		392-3	AR		
AN819-8Z		393-7	AR		
AN821-12D		241-37	AR		
AN821-16D		448-11	AR		
AN821-4		242-18	AR		
AN821-4D		217	AR		
AN821-6		263-10	AR		
AN821-6D		243-16	AR		
AN821-8D		243-1	AR		
AN822-4		256-36	AR		
AN822-4B		462-6	AR		
AN822-4D		178-17	AR		
AN822-5D		286-12	AR		
AN822-6-6B		462-13	AR		
AN822-6B		363-14	AR		
AN823-4		433-64	AR		
AN823-4B		463-8	AR		
AN823-4D		168-36	AR		
AN823-5D		286-2	AR		
AN824-10D		376-11	AR		
AN824-12D		241-23	AR		
AN824-4		217-21	AR		
AN824-4D		351-38	AR		
AN824-5C		374-12	AR		
AN824-6		263-20	AR		
AN824-6D		251-2	AR		
AN824-8		243-45	AR		
AN824-8D		243	AR		
AN826-10D		386-32	AR		
AN826-4C		187-1	AR		
AN826-6D		459-43	AR		
AN827-4D		178-20	AR		
AN832-10D		433-43	AR		
AN832-12D		449-38	AR		
AN832-16D		385-20	AR		
AN832-20D		450-15	AR		
AN832-4		217-12	AR		
AN832-4D		167-18	AR		
AN832-6		234-11	AR		
AN832-6D		213-6	AR		
AN832-8		266-24	AR		
AN832-8D		254-14	AR		
AN833-10D		38-21	AR		
AN833-12		444-13	AR		
AN833-12D		214-20	AR		
AN833-16D		449-9	AR		
AN833-20D		459-4	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AN833-4		215-12	AR		
AN833-4D		178-23	AR		
AN833-5D		433-47	AR		
AN833-6		213-1	AR		
AN833-6D		213	AR		
AN833-8		263-41	AR		
AN833-8D		214-17	AR		
AN834-16D		449-28	AR		
AN834-4		216-26	AR		
AN834-4C		367A-4	1		
AN834-4D		216	AR		
AN834-6		268-8	AR		
AN834-6D		80-27	AR		
AN834-8D		254-26	AR		
AN835-4D		377-37	AR		
AN837-10D		433-80	AR		
AN837-12D		214	AR		
AN837-16D		453-1	AR		
AN837-20D		38-55	AR		
AN837-3		266-2	AR		
AN837-32D		450-33	AR		
AN837-4		215-15	AR		
AN837-4D		167-21	AR		
AN837-5D		374-22	AR		
AN837-6		233-33	AR		
AN837-6D		233	AR		
AN837-8		233-13	AR		
AN837-8D		214	AR		
AN839-16D		39-10	AR		
AN840-16		38-26	AR		
AN840-4		38-2	AR		
AN842-10		48-3	AR		
AN847-16D		55-12	AR		
AN865-1		144-15	AR		
AN883-4-24		167-32	AR		
AN883-4-34		167-31	AR		
AN884-14-8		374-54	AR		
AN884-6-12		242-19	AR		
AN893-12		90-12	AR		
AN893-12D		243-31	AR		
AN893-151		445-53	AR		
AN893-16D		276-5	AR		
AN893-2		223-4	AR		
AN893-2D		223	AR		
AN893-81D		433-51	AR		
AN894-6-4		243-22	AR		
AN894-8-6		81-5	AR		
AN894-8-6D		389-4	AR		
AN894D12-6		476-20	AR		
AN894D6-4		243	AR		
AN894D6-5		433-74	AR		
AN894D8-4		393-21	AR		
AN9-15A		277-10	AR		
AN9-16A		4-18	AR		
AN9-20A		60-11	AR		
AN900-13		391-18	AR		
AN900-34		59-5	AR		
AN900-6		394A	AR		
AN900-8		433-67	AR		
AN901-5A		433-69	AR		
AN901-6C		448-31	AR		
AN902-16		433-14	AR		
AN902-4		167-27	AR		
AN902-6		216-16	AR		
AN910-3D		394-9	AR		
AN911-1D		187-4	AR		
AN911-3D		394-7	AR		
AN912-3D		394-13	AR		
AN913-1		59-3	AR		
AN913-3S		437-8	AR		
AN914-1D		374-49	AR		
AN914-4		48-5	AR		
AN915-3D		394-8	AR		
AN917-1D		187-15	AR		
AN917-3D		394-16	AR		
AN919-10		259-11	AR		
AN919-10D		237-7	AR		
AN919-11		261-4	AR		
AN919-12		258	AR		
AN919-12D		213-12	AR		
AN919-14D		433-49	AR		
AN919-15		444-11	AR		
AN919-19D		433-31	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
AN919-23D		433-13	AR		
AN919-4		244-26	AR		
AN919-4D		244	AR		
AN919-5		266-4	AR		
AN919-6		232-21	AR		
AN919-6D		206-20	AR		
AN919-7		261-6	AR		
AN924-10D		38-22	AR		
AN924-12		433-5	AR		
AN924-12D		449	AR		
AN924-16D		385-23	AR		
AN924-20D		38-54	AR		
AN924-24D		450-25	AR		
AN924-3D		266	AR		
AN924-32D		450-34	AR		
AN924-4		215-14	AR		
AN924-4D		167-23	AR		
AN924-5D		210-51	AR		
AN924-6		265	AR		
AN924-6D		227	AR		
AN924-8D		233	AR		
AN925-4D		243-8	AR		
AN925-6D		243-25	AR		
AN926-10D		433-52	AR		
AN926-4D		232-20	AR		
AN926-6		266-3	AR		
AN926-6D		213-5	AR		
AN926-8D		237-6	AR		
AN927-12D		241	AR		
AN927-16D		448-15	AR		
AN927-4		221-10	AR		
AN927-4D		221	AR		
AN927-6		263-28	AR		
AN927-6D		234-14	AR		
AN927-8D		241-10	AR		
AN928-12D		241-16	AR		
AN928-4D		253-13	AR		
AN928-6D		227-23	AR		
AN929-4		187-12	AR		
AN929-5		374-64	AR		
AN929-6		242-14	AR		
AN929-8		276-19	AR		
AN931-10-14		104-22	AR		
AN931-10S14		459	AR		
AN931-14-26		310-21	AR		
AN931-16-22		39-26	AR		
AN931-4-7		417-5	AR		
AN931-4S7		449-19	AR		
AN931-6-16		448-34	AR		
AN931-6S16		41-15	AR		
AN931-7-11		179-29	AR		
AN931-8-13		36-6	AR		
AN931-9-13		104-23	AR		
AN931A16-22		41-32	AR		
AN931A6-10		74-14	AR		
AN931B14-20		334-23	AR		
AN931B4-7		449	AR		
AN931B7-11		191-11	AR		
AN932-2		178-18	AR		
AN932S2		114-14B	AR		
AN934-15		481-9	AR		
AN934-19		481-11	AR		
AN934-7		481-8	AR		
AN935-10		145-25	AR		
AN935-4		326	AR		
AN935-4L		406-5	AR		
AN935-416		293-28	AR		
AN935-5		393-19	AR		
AN935-6		439-28	AR		
AN935-6L		315	AR		
AN935-616		315-11	AR		
AN935-8		16-19	AR		
AN935-8L		332-8	AR		
AN935A1C8		185C	AR		
AN936A10		224-2	AR		
AN936A1016		486-16	AR		
AN936A416		186-10	AR		
AN936A416H		387-4	AR		
AN936A516		381-7	AR		
AN936A6		141-28	AR		
AN936A6B		294	AR		
AN936A616		399-27	AR		
AN936A8		332-4	AR		
AN936A8B		358A	AR		
AN936B4		438-15	AR		
AN936B416B		45-25	AR		
AN936B8		171	AR		
AN936D6		423-2	AR		
AN939-19		123-10	AR		
AN939-35		236-3	AR		
AN939-39		51-23	AR		
AN939D4		77-18	AR		
AN941-6D		436-17	AR		
AN944-101		102-25	AR		
AN944-201		102-50	AR		
AN944-301		102-39	AR		
AN960-10		110-32	AR		
AN960-10L		110-4	AR		
AN960-1016		415-9	AR		
AN960-1416		433-45	AR		
AN960-4		141-16	AR		
AN960-4L		291-13	AR		
AN960-416		109-31	AR		
AN960-416L		109-30	AR		
AN960-516		109	AR		
AN960-516L		177-11	AR		
AN960-6		124	AR		
AN960-6L		151-38	AR		
AN960-616		25-11	AR		
AN960-616L		168	AR		
AN960-716		167-22	AR		
AN960-716C		219-10	AR		
AN960-716L		167-28	AR		
AN960-8		125	AR		
AN960-8L		129-19	AR		
AN960-816		143-14	AR		
AN960-816C		403-7	AR		
AN960-816L		407-24	AR		
AN960-916L		277-12	AR		
AN960A10		411-16	AR		
AN960A416L		405-10	AR		
AN960A516		405-13	AR		
AN960A516L		291-6	AR		
AN960C10		109-17	AR		
AN960C10L		100-21	AR		
AN960C4		325-23	AR		
AN960C416L		170-47	AR		
AN960C516C		7-48	AR		
AN960C516L		177-34	AR		
AN960C6		356-15	AR		
AN960C716		344-14	AR		
AN960C8		344-5	AR		
AN960C8L		366-67	AR		
AN960C816		364-3	AR		
AN960D10		130-25	AR		
AN960D10L		20-15	AR		
AN960D1016		207-11	AR		
AN960D1216		233	AR		
AN960D1716		433-54	AR		
AN960D2616		459	AR		
AN960D3		355-11	AR		
AN960D3016		450-26	AR		
AN960D4		104-11	AR		
AN960D4L		314-13	AR		
AN960D4016		450-35	AR		
AN960D416		20-17	AR		
AN960D416L		127-20	AR		
AN960D516		165-9	AR		
AN960D516L		109-1	AR		
AN960D6		166-22	AR		
AN960D6L		19-27	AR		
AN960D616		109-44	AR		
AN960D616L		127-29	AR		
AN960D716		16-29	AR		
AN960D716L		32-16	AR		
AN960D8		104-5	AR		
AN960D8L		15-2	AR		
AN960D816		210-52	AR		
AN960D816L		403-8	AR		
AN960D86		296-2	AR		
AN960D916		227	AR		
AN960D916L		277-25	AR		
AN960PD4		154-7	AR		
AN961-6		21-5	AR		
AN961-8		358A	AR		
AN970-3		197-53	AR		

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AN975-3		194-43	AR		
AN975-4		201-12	AR		
AN981-6-10		423-8	AR		
AN994-101		407	AR		
AN995A31-6		391-19	AR		
AN995F41-18		123-26	AR		
AN995F47-15		345-8	AR		
AN995F47-3		345-20	AR		
AN996-18		197-5	AR		
AP2-11		339-29	1		
AT741/A		340A-1	1		
		340B-22	1		
A1901RCUR		289-4	1		
		321-9	1		
A24333		312-27	1		
A25K10		297-16	1		
A3		293	3		
		305	3		
A3044SF4		104-24	3		
A3122-10-59		84	1		
A3122-20-59		375	3		
		375-10	2		
A3135SS		5-6	2		
A3235SS020		5-8	2		
		103-6	8		
		103-9	26		
		103-12	40		
		103-15	26		
		103-18	76		
		103-23	10		
A3436-1-6		358A-21	2		
A3475-.020		400-15	4		
		416-12	4		
A3613		84-9	1		
A4-30		304-9	2		
		328-2	2		
A4-35		328-1	4		
A40184		299-5	1		
		300-2	REF		
A405		162-32	1		
		353-25	1		
A406883		300-7	1		
A4185		286-3	2		
		287-1	1		
A4255A5		294-13	1		
		305-31	1		
A430		137-2	2		
		347-5	4		
A4363		309-40	REF		
		311-8	6		
		326-3	5		
A4364		309-36	5		
		311-8	REF		
		326-21	REF		
A4509A		441-22	1		
		442-11	1		
A4613		182	1		
		185-22	1		
		185C-4	1		
A4853		308-3	2		
A4902		294-12	1		
		305-30	1		
A5299-24		183	2		
		183-2	4		
		183-19	2		
		183-21	4		
		185-26	7		
		185C	2		
		185C-1	9		
		185C-10	2		
A5507		486-37	REF		
		487-32	REF		
A5511		486-14	1		
		487-23	4		
		487-23A	2		
A5605-24		183	6		
		185-25	8		
		185C	REF		
		185C-10	REF		
		185C-11	2		
A5610-24		183	1		
		185-23	1		
		185C-3	1		
A5805-6		213	REF		
A6-40		154-14	4		
A6029-832-1		363-6	1		
A6329		210-49	1		
		211-2	2		
		486-43	1		
A6338		486	10		
A6602		210-53	2		
		211	3		
		211-6	2		
A6745-24		185A-37	2		
A6983		486	REF		
A7286		486-34	1		
		487-22	2		
		487-22A	1		
A8942-632-24A		185A	66		
BALL		309-29	1		
		431-15	2		
		472-8	1		
		472-17	1		
		483-9	1		
BL-CL4-1.375		365-10	2		
BLX32-1		168-28	REF		
		364-8	1		
		364-9	2		
		365-8	1		
		365-17	2		
BLX7752		168	REF		
BLX92-1		365-22	1		
		365-26	1		
BL10038-10		437	1		
BL10038-12		437	1		
BL10038-14		437	1		
BL10038-16		437	1		
BL10038-6		437	1		
BL10038-8		437	1		
BL4-0.500R		160-38	2		
BOOK		471	5		
BPC4W10		173-46	REF		
BS51338		185C-29	3		
BZ3YDT		288-4	1		
		289-5	1		
		294-7	1		
		440-49	REF		
		442-14	1		
BZ3YST		294	1		
		305	1		
BZ3YT		384-19	1		
BZ7RQ1T		292-8	2		
		305-4	1		
		320-19	2		
		320-20	2		
		320-21	2		
BZ7TQ1T		386-18	1		
BZ7YQ1T1		292-8	REF		
		305-4	REF		
BZ74Q1T1		320-19	REF		
		320-20	REF		
		320-21	REF		
B10F30		305-21	1		
B10F50		315-37	1		
B10582-580		176-25	1		
B110L		458-39	REF		
		462-11	1		
B1112X		169-44	1		
B115		292-29	3		
		292-40	3		
B20K25		297-17	1		
B211-322		394-14	3		
B409RN		170-58	1		
B4751		183	3		
		183-4	1		
		185-21	1		
		185A-31	4		
		185C-5	1		
B4752		183-5	REF		
		183-18	1		
		185A-38	1		
B4755		183-17	1		
		185C-12	1		
B4756		185-29	3		
B4757		183-11	1		
		183-12	1		

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B4757		183-16	1		
		185-31	2		
B4760		183-3	1		
		183-10	1		
		185-27	2		
		185C-13	2		
B4766-6		183	1		
		183-7	2		
		183-8	1		
		183-13	1		
B4789		183-14	1		
B4850		183-9	1		
		185-24	1		
		185A-35	1		
		185C-2	1		
B4855		183	1		
		183-7	REF		
		183-8	REF		
		185-59	2		
		185C	1		
B4880		183	1		
		183-5	1		
		183-20	1		
		185-32	1		
		185C-16	1		
B4890		183-15	1		
		185-28	1		
B5034		487-20	1		
		487-20A	1		
B5059-1		308-21	2		
B5299-24		183	1		
B539		169-38	3		
B5610-24		185A-33	1		
B6602		183-6	1		
		185-30	1		
		185A-34A	1		
		185C-9	1		
		486-23	1		
		486-40	3		
B6610		185A-30	7		
		185C-8	4		
B6611		185A-36	1		
		185C-14	1		
B6628A		185A-32	1		
		185C-15	1		
B6636		185A-29	1		
		185C-7	1		
B68		7-12	1		
B68POH		7	1		
B8055		486-15	1		
B8056		487-26	REF		
B812		400	1		
B8701		185A-28	1		
		185C-6	1		
B877834		348	6		
CABLE		122-2	1		
		122-4	1		
		122-11	1		
		123-20	1		
CAMERA		352-43	1		
		352-54	1		
		354-28	1		
		357-19	1		
		474-15	1		
CANOPY FRAME		170-21	NP		
		172	NP		
CARTRIDGE		47-2	2		
CASING		403	1		
		403-44	1		
		415	1		
		415-11	1		
CA06ER24-28S		339-36	1		
CA275X		293-3	1		
		313-8	1		
		314-33	1		
		314-34	1		
		315-17	1		
CA3100ER24-28P		339-38	1		
CCA1450		40-10	REF		
		40-30	REF		
CCA1500		38-17	REF		
		39-13	REF		
CCA4300		461-1	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
CCA4850		38	1		
		38-1	1		
		40-10	1		
		40-30	1		
		41-25	1		
		44-44	1		
		44-46	1		
		55-9	1		
		55-24	1		
		454-7	1		
CCA4900		38-17	1		
		39-13	1		
		454-16	1		
CG405ARN6		336-13	1		
CG555/ARN6		336-35	REF		
CG556/ARN6		336-17	1		
CG799/U/2-0/		332-2	REF		
CG801/U2-0		332-2	1		
CH8916K703		296-8	2		
CLAMP		183	1		
		185B-29	3		
CLOCK		182	1		
		185-3	1		
		185A-5	1		
CLX11-1		168-28	REF		
		173-38	REF		
CLX30-1		364-1	1		
CLX7C-1		364	1		
		365-1	1		
CM100009		377-10	2		
CM11031		304-12	1		
		304-24	1		
		304-32	1		
CM11C38		304	1		
CM2484		53	PEF		
CN112/APG30		330-22	1		
CN122/APG30		333-45	REF		
CONVERTER		330-35	REF		
		335-4	1		
CP53B1EE104K		321A-9A	1		
CP53B1EF104K		321A-9	1		
CP53B2EB405K		279-33	1		
		293	1		
		325-40	1		
CR1A/AR		337	11		
CR8-1CP		429-3	1		
CV279/ARN		340A-16	1		
CWC1907		433-127	1		
CW123A/U		340B-19	1		
CYLINDER		374-43	4		
CYZR275		293-39	1		
C10FA543		181-15	REF		
		185A-49	REF		
C10FA548		181-15	1		
		185-57	REF		
		185A-49	1		
		185C-20	REF		
C10FA548-2		185-57	1		
		185C-20	1		
C100B9RSH		181-7	1		
		185C-22	1		
C1006		105	1		
		105-2	1		
C1006GUR		185A-41	1		
C10583-8		176-23	1		
C1158/APX		334	1		
C124		293-14	1		
		293-36	1		
		313-3	1		
C1514/A		336	1		
C155-25-12		468	REF		
C155-25-12D		436	2		
C155-25-8D		263	4		
		264	1		
		265	1		
		436	4		
		468	3		
C1763/ARN21A		340A-15	1		
C1904/ARC27		339-40	1		
C2193/A		340B-12	1		
C3100D83		181-18	REF		
		181-19	REF		
		185C-25	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
C330LA		316-10	1		
C403A/A		336-1	1		
C404A/A		337-1	1		
C4100A3		328-22	1		
C473		105-9	1		
C6248-16		487-24	2		
		487-24A	1		
C626/ARC27		339-4	1		
C628/ARC27		339-1	1		
C629/APX6		334-1	1		
C6334-11		107	4		
		210-39	2		
		210-55	1		
		211-46	1		
		211-57	1		
C6334-20		211-47	1		
C6369-16		487-21	1		
		487-21A	1		
C6691		211-10	1		
C6766-3-105		278-29	1		
		284-1	1		
C6766-3-70		283-12	1		
		283-13	1		
		324-4	1		
C6808-3		211-58	REF		
		212-18	1		
C784/ARC33		338-1	1		
C7855-6-200		279-42	1		
C8001-1		70-24	1		
		151-30	1		
		152-30	1		
		356-26	1		
C8001-3		477-23	1		
C8100		181-7	REF		
		185C-22	REF		
		307-22	1		
C8331		177-55	1		
C883		385-2	1		
C885		382-14	1		
DC198		376-4	1		
DESTRUCTOR		334	3		
DM9700-19S		3408-31	1		
DM9700-3S		3408-30	1		
DPR205		349	1		
DROP TANK		49	2		
DR201		349	1		
DT2R-A7		151	1		
		152	1		
DW5		197-28	1		
DY21/ARC3		337-5	1		
DY22/ARC3		337-6	1		
D1000		261-11	1		
D1040-2		190-28	1		
D1430-4A		84-6	1		
D202W2R		297-4	1		
D380-1		316-9	1		
D5530		278	1		
D6-1001-3N		209-31	4		
D6-1001-5N		209-30	2		
D800		297-4	REF		
EA125		278-12	REF		
		304-46	1		
EA1478		180	1		
EA1479		74	1		
		179	1		
EA1480		74	1		
EA378A545		74-1	REF		
EA378A545M		74-1	1		
EA378A546		74-6	REF		
EA378A546M		74-6	1		
EA379AC1440		73	1		
EA379AC547A		73-8	REF		
EA379AC547AM		73-8	1		
EA380-548A		179-23	1		
EA380C1441		179	1		
EA380C548ABM		179	1		
EA381-1442		180	1		
EA381-549A		180-13	REF		
EA381-549AM		180-13	1		
EA721G1A		182-8	1		
		185-5	1		
		185A-15	1		
		185B-15	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
EA909C1		73-1	REF		
EA909E2A1		73-1	1		
EB048		12	2		
		14	1		
		479-1A	1		
EB054		7-57	8		
		18-16	8		
		479-39	8		
		480-1	1		
EB064		7-62	8		
		18-21	8		
		97-1	4		
		479-1	2		
		479-46	2		
		480-4	5		
EB070		29-15	4		
EB080		7-34	8		
		12-1	4		
		14-9	4		
		481-50	1		
EB098		96-23	2		
EB108		96-22	2		
ENVELOPE		471	1		
EWB18-5-24		7-61	8		
EWB18-6-24		7-66	8		
EWB18-7-40		395	1		
E1001		471-18	2		
E1005		471-20	2		
E1007		471-19	1		
E1008		471-22	3		
E1201		471-10	REF		
		487B-2	REF		
E1201-11		471-10	1		
		487B-2	1		
E155-25-12D		468	2		
E155S5-12D		476-25	1		
E1688		471-17	2		
E1696		471-11	1		
E1696-10		471	1		
E1697-10		471-12	1		
E5109-2		317-13	REF		
E882		471-16	5		
E978-1		471-13	1		
E978-2		471	1		
E992		471-21	1		
FAIRING		51-2	NP		
FCC17828		457	1		
FCC18682		457	2		
FCC19772		457	REF		
FLLB		278-26	1		
		278-28	1		
		281-10	1		
		301-11	1		
FLLE		313-7	1		
		313-10	1		
FLOWMETER		433	1		
FL3C3		82-4	1		
		82-13	1		
		82-43	1		
		82-56	1		
		269-11	1		
		269-20	1		
		270-14	1		
		270-27	1		
FL34-14		236-14	1		
FRAME		159	REF		
		160	REF		
FSH		278-27	1		
		281-11	1		
		301-12	1		
		313-6	1		
FT3		165-7	1		
F137		279	REF		
F21110		43	1		
F3114		226-42	1		
		226-47	1		
F34-14		228-22	2		
		428-7	1		
F35		279-15	REF		
F4W19		63-26	1		
		67-28	1		
F4039-2		381-1	1		
F45-19		225-1	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
F45-19		231-22	1		
F7097		43-1	1		
GH5		473	9		
GH5X662		111	4		
GM2		350-25	REF		
GROOVE PIN		472-5	1		
GTI		392-25	4		
GUN		348-12	6		
GYLC3940		474-24	1		
GYRO		179	1		
		179-5	1		
		333-54	REF		
		475-2	1		
		475-10	1		
G101723		282	REF		
G20A11		463-7	1		
G39989A		282-29	1		
G4710		278-9	1		
G4710A		278	1		
G54226		324-9	1		
G54329A		301	1		
		316-27	1		
		316-49	1		
		316-50	1		
HANDBOOK		471	1		
HA6R2		32-14	REF		
HC1560		304-3	1		
		307-17	1		
HEAD		333-51	REF		
		333-52	REF		
		353-30	1		
		354-41	REF		
HF3		236-19	1		
HF4		175-18	1		
		432-28	1		
HF5		277-33	1		
HKP		278	4		
		278-31	3		
		278-40	2		
		282-25	2		
		282-26	2		
		282-27	1		
		284-7	2		
		284-7A	1		
		284-8	1		
		313-16	3		
		313-17	2		
		313-18	3		
		313-19	1		
		330-21	REF		
		330-26	2		
		330-27	3		
		330-28	2		
		330-29	2		
		332	4		
		332-39	5		
		334	2		
HKP-H		284	2		
		321	3		
		3408-6	1		
HM5		277-32	1		
HP600-7-3		278	REF		
HQ-P1-4145		446-14	REF		
HQAF662		332-3	REF		
HQ166-002		446	REF		
HRBM3E		408-27	2		
HRBM4E		408-17	2		
HSBG3S		403	1		
HSBG7		130-22	1		
HSB10C		157-14	1		
HSB12C		157-12	1		
HSB3S		411	1		
HSB64		102-26	REF		
HSB7C		130-49	1		
HSK3L		414-40	1		
H046000000		437	1		
H250LC		348-7	27		
H250RC		348	27		
H31-3		433-106	1		
H5000-.091-.218		456-17	2		
H5000-040-081		454-30	2		
H5000-2-.081-.125		12-27	2		
		14	2		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
H500C-2-.091-.091		158	2		
H598575		9	3		
H8979		329-39	1		
H9380-4		146-41	1		
		146-54	1		
ID249/ARN		185A-2	PEF		
		185B-2	PEF		
ID250/ARN		185A-3	1		
		185B-3	1		
ID270/APG30		329-9	REF		
ID307/ARN		340C-4	1		
ID310/ARN		185A-1	1		
		185B-1	1		
ID351/ARN		185B-2	1		
ID387/ARN		185A-2	1		
ID90A/ARN6		184-1	1		
ID91A/ARN6		184-1	REF		
		185-6	1		
ID91B/ARN6		184-1	REF		
		185-6	PEF		
INDICATOR		182	3		
		182-1	1		
		182-2	1		
		182-6	1		
		182-9	1		
		184	3		
		184-2	1		
		184-3	1		
		184-5	1		
		184-8	1		
		184-10	1		
		184-33	1		
		185	1		
		185-4	1		
		185-7	1		
		185-10	1		
		185-11	1		
		185-12	1		
		185-13	1		
		185-14	1		
		185A-4	1		
		185A-7	1		
		185A-10	1		
		185A-11	1		
		185A-12	1		
		185A-14	1		
		185A-17	1		
		185A-18	1		
		185A-19	1		
		185A-20	1		
		185B	1		
		185B-4	1		
		185B-7	1		
		185B-11	1		
		185B-12	1		
		185B-16	1		
		185B-17	1		
		185B-19	1		
		185B-20	1		
		333-55	REF		
		475-16	1		
INITIATOR		364-50	2		
INVERTER		279	1		
		279-15	1		
JAN-R19		329-39	REF		
JA7531FS3056-3		329-28	1		
		329-28A	1		
JB55X		304-46	REF		
JG7044D2		475-10	REF		
JJ033		92-10	4		
		92-11	1		
		95-4	4		
		95-6	1		
JK33A		92-10	REF		
JV1		406-6	1		
JV5		75-25	1		
		205-37	1		
JV7		384-27	1		
JX55C		278-12	REF		
JX55F		278-12	REF		
		279-26A	1		
J2		181-18	REF		
J47GE27		433-65	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
J68/ARC3		337-4	1		
KEY RING		484-51	1		
KM610-51		319-18	4		
KM610-64		146-12	1		
		147-48	1		
		148-65	1		
KM680		158-8	2		
KNOB		329-24	1		
K01-21-30SN		305-40	1		
K03-16-10PN		294-31	1		
K03-16-10SN		294-32	1		
K03-19-20SN		314	1		
K03-21-30PN		294-29	1		
K08-16 3/8		294-30	2		
K08-19 1/2		314	1		
K08-21 5/8		294-28	1		
K0821 5/8		305-41	1		
K114		186	2		
K1339-16-1		45-7	REF		
		450-8	REF		
		455-27	REF		
K14		24	4		
K1401		331	4		
		331A	4		
K18800		453-20	1		
K3290S200		377-6	REF		
		377-8	REF		
		382-17	REF		
K3290S400		377-21	REF		
K553-2		314-19	1		
LASR4468		394A-13	1		
LA1533E7E		336-7	1		
LA1533EE5		336	1		
LA17491		332-5	3		
L83A		348-6	1		
LC19287		332-1	1		
LC19288		332-22	REF		
LD153-0002-1203		364	2		
LD153-0002-1204		367A-8	2		
LD153-0002-1403		342-17	4		
LD153-0002-1404		367A-31	8		
LD153-0011-0017		342-21	2		
LSS12		157-12	REF		
LSS4		102-26	2		
LSS5		97	2		
LSS6B		32-14	8		
LS3		412	1		
L9058		329-37	1		
		441-23	1		
		442-10	1		
MC1600-17.5		351-27	1		
MC2711		384-18	1		
MDL 1/2		321-26	1		
		321-27	1		
		321-28	1		
MDX5		3408-7	2		
MDX7		284-12	2		
MD2721		349-21	1		
		432-41	1		
MD36-14		399-21	1		
		399-33	1		
MKA7		316	1		
MMC-G51H-A		340A-4	4		
MODEL A		352-53	REF		
MODEL O		334	REF		
MODEL 159B		352-42	REF		
MODEL 67WA200		445-20	REF		
MRC200SFF		169-20	1		
MS15001-3		76-24	1		
MS20002-8		481-49	AR		
MS20002C5		358A-6	AR		
MS20005-10		358A-5	AR		
MS20005-26		358A-3	AR		
MS20009-16		4-17	4		
MS20012-18		5-26	2		
MS20392-2C13		364	2		
MS20500-1032		433-120	1		
MS21042L3		342-18	4		
MS21042L4		364	2		
MS21042L6		342-22	2		
MS21919DG7		337-47	1		
MS24021-1		339-39	1		
MS24506-10		325	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
MS24506-15		278-30	REF		
MS24577-2		293-7	1		
MS25002-2		304-37	REF		
MS25002-3		289	1		
MS25002-6		308-20	1		
MS25005-10		325	REF		
MS25005-35		304	2		
MS25010-2		284A-5	5		
MS25010-4		288-5	1		
MS25017-10		321-20	1		
MS25017-5		321-23	1		
MS25024-2		278A-23	1		
MS25025-1		182-4	1		
MS25041		185C-19	1		
MS25041-4		185A-46	1		
MS25068-3		185-42	1		
MS25123-1-12		339-30	1		
MS25165-1		284A-4	1		
MS25171-1S		305	2		
MS25171-3S		305	1		
MS25183-10SL3S		340C-20	1		
MS25183-10SL4S		340C-24	1		
MS25183-14S7S		340A-11	1		
MS25183-16S1P		340C-14	1		
MS25183-16S1S		340C-25	1		
MS25183-18-1P		307	1		
MS25183-18-1S		340A-22	1		
MS25183-18-9S		340B-32	1		
MS25183-20-21P		358A-30	1		
MS25183-20-27P		307	1		
MS25183-20-27S		340C-16	1		
MS25183-20-29P		293A-3	1		
MS25183-22-14P		293A-1	1		
MS25183-22-14S		307-24	1		
MS25183-28-12S		307-25	1		
MS25183-28-21P		340A-14	1		
MS25183-28-21S		340C-17	1		
MS25224-1		287-19	1		
MS28005-2		180	1		
MS28005-5		73-24	REF		
MS28010-2		184-10	REF		
MS28010-5		184	REF		
MS28010-7		185A-17	REF		
MS28024-1		182	REF		
MS28025-1		184	REF		
MS28512-16		453-3	1		
MS28512-20		453-5	1		
MS28513-214		28-9	1		
MS28720-6		245-8	1		
MS28720-8		235	1		
MS28741-12-22 1/2		433-12	2		
MS28741-4-0160		344-2	1		
MS28741-4-10		364-22	1		
MS28741-4-12		216	1		
MS28741-4-16		364-23	2		
MS28741-4-24		365-15	1		
MS28741-4-30		365-12	1		
MS28741-4-43		365-14	1		
MS28741-6-166		44-34	1		
MS28778-4		367A	1		
MS29512-10		38-23	1		
MS29512-12		453-14	1		
MS29512-128		449-30	2		
MS29512-16		41	1		
MS29512-20		38-53	1		
MS29512-24		19-25	1		
MS29512-3		74-9	1		
MS29512-4		36-10	1		
MS29512-6		41-4	2		
MS29512-8		458-19	2		
MS29513-11		4-31	4		
MS29513-12		41-20	1		
MS29513-138		394A-22	1		
MS29513-210		41	1		
MS29513-214		19-23	1		
MS29513-225		46-32	1		
MS29513-261		461	1		
MS29513-262		461	1		
MS29513-326		450	4		
MS29513-7		38-12	4		
MS31C2A14S7P		340C-19	1		
MS31C2A16S1S		340A-12	1		
MS3102A20-21S		293A	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
MS3102A20-27S		19A-25	REF		
MS3102A20-29S		293A-4	1		
MS3102A22-14S		293A-2	1		
MS3102A28-21S		340A-13	1		
MS3102C28-21S		340A-24	1		
MS3108R24-5S		339-34	1		
MS3108R24-7S		339-33	1		
MS35058-23		287-18	1		
MS9058-04		367A	1		
MTH5		278	2		
		284	1		
		330	2		
MT1932A		340B-13	1		
MT236/ARC3		337-7	1		
MT237C/ARC3		337-21	REF		
MT274A/ARN6		336	REF		
		336-12	REF		
MT274B/ARN6		336-12	REF		
MT611/ARC33		338-6	1		
MT708/APG30		330	1		
MT709/APG30		330-6	1		
MT739/U		330-14	1		
MT821/ARC27		339-5	1		
MT822/ARC27		339-11	1		
MT928/ARN21		340B-24	1		
MX1646/AIC		362-29	1		
MX3496		437-4	1		
		437-5	1		
M1		168	1		
M1-34HRD		336	1		
M1A1		168-28	1		
		173-38	1		
M3		168-28	REF		
		168-52	REF		
M3B		350	1		
M3320		77-60	1		
M3357M1		190-27	1		
M34-14		398-31	2		
M3522M3		77-59	1		
M359A		336	REF		
		336-14	2		
		337-13	2		
		337-22	1		
M9801		329-28	REF		
		329-28A	REF		
NAS1103-10		367A-17	4		
NAS1103-11		367A-20	2		
NAS1103-12		367A-16	2		
NAS1103-5		367A-18	4		
NAS1103-6		19A-13	1		
NAS1103-7		367A	4		
NAS1104-17		367A-6	2		
NAS1104-3		367A-29	4		
NAS1104-4		19A-9	1		
NAS1104-5		367A-30	4		
NAS1104-6		19A-10	1		
NAS1208B125		384-10	AR		
NAS1203-15		342-16	4		
NAS121R125		381-23	AR		
NAS123B125		296-22	AR		
NAS143-10		96-24	AR		
NAS143-10C		96-25	AR		
NAS143-4		14	AR		
NAS143-4C		14	AR		
NAS143-5C		20-7	AR		
NAS143-6C		395-39	AR		
NAS143-7		395	AR		
NAS143-7C		395	AR		
NAS143-8		14-10	AR		
NAS143-8C		14-11	AR		
NAS143-9		4-20	AR		
NAS143-9C		96-27	AR		
NAS144-20		207-30	AR		
NAS144-29		14	AR		
NAS144-41A		96-17	AR		
NAS145-30		20-6	AR		
NAS145-49		479-42	AR		
NAS145DH14		481-13	AR		
NAS145DH16		51-16	AR		
NAS146-22		56-16	AR		
NAS146-27		97-3	AR		
NAS146-49		479-3	AR		
NAS146-50		480	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
NAS146-51		479-48	AR		
NAS146-52		25-8	AR		
NAS146-54		480-6	AR		
NAS146DH20		54-55	AR		
NAS147-29		56-13	AR		
NAS148-29		7-37	AR		
NAS148-30		7-36	AR		
NAS148-65		14-12	AR		
NAS148DH21		481-15	AR		
NAS148DH31		52	AR		
NAS149-29		96-29	AR		
NAS150-31		96-28	AR		
NAS152DH35		5-24	AR		
NAS1624-3		364	2		
NAS183-3-6		194-59	AR		
NAS183-3-6A		194-60	AR		
NAS2-101		130-58	AR		
NAS202-832-20		194-34	AR		
NAS204-13		30-21	AR		
NAS204-14		30-22	AR		
NAS204-15		5-5	AR		
NAS205-10		194-50	AR		
NAS205-16		407-35	AR		
NAS205-35		5-19	AR		
NAS205-8		411-32	AR		
NAS205-9		31	AR		
NAS206-43		400-9	AR		
NAS206-45		416	AR		
NAS206-46		416-11	AR		
NAS206-47		400	AR		
NAS220-11		131-41	AR		
NAS220-13		477-45	AR		
NAS220-18		352-22	AR		
NAS220-24		70-28	AR		
NAS220-29		477-17	AR		
NAS220-7		343-1	AR		
NAS220-8		70-34	AR		
NAS220-9		134-37	AR		
NAS221-10		136-49	AR		
NAS221-11		147-21	AR		
NAS221-12		110-45	AR		
NAS221-13		373-9	AR		
NAS221-14		110-50	AR		
NAS221-15		57-2	AR		
NAS221-16		373	AR		
NAS221-17		371-31	AR		
NAS221-18		110-43	AR		
NAS221-19		26-28	AR		
NAS221-20		58-23	AR		
NAS221-23		58-22	AR		
NAS221-24		147-12	AR		
NAS221-25		370-49	AR		
NAS221-26		371-41	AR		
NAS221-29		57-8	AR		
NAS221-30		483-4	AR		
NAS221-31		362-25	AR		
NAS221-34		418-20	AR		
NAS221-36		410-13	AR		
NAS221-38		396-23	AR		
NAS221-39		57-16	AR		
NAS221-45		56-28	AR		
NAS221-6		110-17	AR		
NAS221-62		439-39	AR		
NAS221-7		371-53	AR		
NAS221-8		106	AR		
NAS221-9		149-8	AR		
NAS222-13		409-9	AR		
NAS222-14		478-37	AR		
NAS222-20		170-25	AR		
NAS222-30		177-43	AR		
NAS222-9		46-3	AR		
NAS222B213		162	AR		
NAS223-12		56	AR		
NAS223-13		366-51	AR		
NAS223-9		60-29	AR		
NAS224-10		54-42	AR		
NAS25-3KL		226-10	AR		
NAS25-3KR		226-11	AR		
NAS25-3L		447-20	AR		
NAS25-3R		447-23	AR		
NAS26-4K		374-42	AR		
NAS27-3-18		226-9	AR		
NAS27-3-2		447-18	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
NAS27-3-20		458-38	AR		
NAS28-4		374-41	AR		
NAS334A14		204-4	AR		
NAS334A15		204-3	AR		
NAS335-30		479-41	AR		
NAS335-32		96-7	AR		
NAS335A10		177-33	AR		
NAS335A11		177-31	AR		
NAS335A17		480-3	AR		
NAS335A7-5		56-35	AR		
NAS337A13		29-19	AR		
NAS338A14		29-17	AR		
NAS376-2		35-13	AR		
NAS376-4		14	AR		
NAS42C10-8		359-21	AR		
NAS42C3-64		370-34	AR		
NAS42C5-22		359-22	AR		
NAS42C6-30		481-33	AR		
NAS42C6-40		371-4	AR		
NAS42C8-50		481-45	AR		
NAS42C8-64		447-24	AR		
NAS42C8-76		447-21	AR		
NAS42DD3-40		165-6	AR		
NAS42DD4-12		70	AR		
NAS42DD4-31		479-22	AR		
NAS42DD5-6		387-21	AR		
NAS42DD6-17		479-31	AR		
NAS42DD6-94		480-26	AR		
NAS42DD8-21		421-24	AR		
NAS42DD8-32		464-29	AR		
NAS424-4D		250-6	AR		
NAS424-6		263-24	AR		
NAS424-8D		258-28	AR		
NAS427-10K		171-52	AR		
NAS427K11		486-8	AR		
NAS427K12		61	AR		
NAS427K16		77-49	AR		
NAS427K8		61-24	AR		
NAS427KS		486-6	AR		
NAS427T16		202-45	AR		
NAS427T6		195-5	AR		
NAS427T8		61-30	AR		
NAS428-3-10		68-19	AR		
NAS428-3-12		211-24	AR		
NAS428-3-4		435-6	AR		
NAS428-3-7		29-45	AR		
NAS428-4-11		20-16	AR		
NAS428-4-12		199-12	AR		
NAS428-4-14		207-27	AR		
NAS428-4-7		7-44	AR		
NAS428H3-7		29-50	AR		
NAS428H4-20		203-1	AR		
NAS428H4-26		203-4	AR		
NAS428K3-13		396-25	AR		
NAS43-3-10		176-31	AR		
NAS43-3-16		176-5	AR		
NAS43-3-25		171-6	AR		
NAS43-3-4		367	AR		
NAS43-3-41		126	AR		
NAS43-3-44		384-8	AR		
NAS43-3-54		384-12	AR		
NAS43-3-6		176-3	AR		
NAS43-3-62		176-32	AR		
NAS43-3-8		176-13	AR		
NAS43-3-9		487A-9	AR		
NAS43-4-64		365-25	AR		
NAS43-5-76		60-43	AR		
NAS43-6-100		176-9	AR		
NAS43-8-20		373-25	AR		
NAS43-8-8		428-5	AR		
NAS43C1-10		210	AR		
NAS43C1-20		404-4	AR		
NAS43C3-102		447-30	AR		
NAS43C3-11		71-15	AR		
NAS43C3-118		270-21	AR		
NAS43C3-12		371-24	AR		
NAS43C3-14		409-2	AR		
NAS43C3-21		363-29	AR		
NAS43C3-22		371-27	AR		
NAS43C3-25		356-25	AR		
NAS43C3-30		396-10	AR		
NAS43C3-32		396-4	AR		
NAS43C3-46		128-19	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
NAS43C3-6		409-13	AR		
NAS43C3-66		51-24	AR		
NAS43C3-7		71-8	AR		
NAS43C3-74		397-20	AR		
NAS43C3-8		335-22	AR		
NAS43C3-96		447-13	AR		
NAS43C4-12		356-7	AR		
NAS43C4-24		441-3	AR		
NAS43C4-28		186	AR		
NAS43C4-88		198-17	AR		
NAS43C4-96		109-37	AR		
NAS43C6		168-17	AR		
NAS43C7-14		16-31	AR		
NAS43C7-6		16-30	AR		
NAS43DD1-128		166-6	AR		
NAS43DD1-133		166-21	AR		
NAS43DD1-15		74-45	AR		
NAS43DD1-16		323-8	AR		
NAS43DD3-10		228-30	AR		
NAS43DD3-128		57-15	AR		
NAS43DD3-16		332-46	AR		
NAS43DD3-174		427-7	AR		
NAS43DD3-18		439-38	AR		
NAS43DD3-192		170	AR		
NAS43DD3-20		192-14	AR		
NAS43DD3-24		288-8	AR		
NAS43DD3-32		179	AR		
NAS43DD3-36		239-23	AR		
NAS43DD3-40		354-3	AR		
NAS43DD3-49		202-30	AR		
NAS43DD3-5		317-18	AR		
NAS43DD3-54		439-37	AR		
NAS43DD3-61		61-23	AR		
NAS43DD3-65		70	AR		
NAS43DD3-72		70	AR		
NAS43DD3-8		192-20	AR		
NAS43DD3-88		212-20	AR		
NAS43DD3-9		188-19	AR		
NAS43DD3-90		36-4	AR		
NAS43DD3-97		109-26	AR		
NAS43DD36		440-48	AR		
NAS43DD4-10		235-2	AR		
NAS43DD4-11		429	AR		
NAS43DD4-13		429-22	AR		
NAS43DD4-14		127-24	AR		
NAS43DD4-16		407-8	AR		
NAS43DD4-167		99-8	AR		
NAS43DD4-22		20-18	AR		
NAS43DD4-28		127-25	AR		
NAS43DD4-36		212-7	AR		
NAS43DD4-38		236-11	AR		
NAS43DD4-39		367A-7	2		
NAS43DD4-40		235-9	AR		
NAS43DD4-43		272-19	AR		
NAS43DD4-44		235	AR		
NAS43DD4-8		296-29	AR		
NAS43DD5-104		56	AR		
NAS43DD5-11		56-26	AR		
NAS43DD5-18		56	AR		
NAS43DD5-30		190-37	AR		
NAS43DD5-31		46-22	AR		
NAS43DD5-32		359-31	AR		
NAS43DD5-4		190-37A	AR		
NAS43DD5-86		56-27	AR		
NAS43DD6-10		212-24	AR		
NAS43DD6-16		212	AR		
NAS43DD6-21		421-23	AR		
NAS43DD6-5		212	AR		
NAS44-416P2		282-20	AR		
NAS44-416P3		282-21	AR		
NAS44-616P2		325	AR		
NAS44DD3-36		440	AR		
NAS45-416-1		316-33	AR		
NAS45-6-1		172-38	AR		
NAS464-4-12		208-4	AR		
NAS464-4-14		209-15	AR		
NAS464-4-16		76-10	AR		
NAS464-4-19		197-13	AR		
NAS464-4-39		205-10	AR		
NAS464-4-4		75-35	AR		
NAS464-4-45		205	AR		
NAS464-4-47		205-19	AR		
NAS464-5-26		102-41	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
NAS464-6-36		52-9	AR		
NAS464-6A40		7-8	AR		
NAS464-8-24		76-29	AR		
NAS464P5A32		160-33	AR		
NAS50-112		199-22	AR		
NAS50-118		169-37	AR		
NAS50-137		191-13	AR		
NAS50-281		198-12	AR		
NAS50-37		199-24	AR		
NAS50-50		199-4	AR		
NAS50-68		102	AR		
NAS50-87		68-22	AR		
NAS501-3-37A		170	AR		
NAS51-131		199-21	AR		
NAS51-206		198-29	AR		
NAS51-25		455-23	AR		
NAS51-31		194-26	AR		
NAS51-62		443-15	AR		
NAS51-87		320-24	AR		
NAS510-3-5A		17-26	AR		
NAS54-11		402-45	AR		
NAS557-8C		358A-37	1		
NAS59-31		402-4	AR		
NAS64-6A41		76-7	AR		
NAS679A08		278A-8	AR		
NAS679A3		19A-15	AR		
NAS679A4		19A-12	AR		
NAS72-3-0-5		78-2	AR		
NAS72-3-005		395-16	AR		
NAS72-4-005		412-24A	AR		
NAS72-4-010		407-12	AR		
NAS72-4-014		408	AR		
NAS72-4-015		408-15	AR		
NAS72-4-102		398-5	AR		
NAS72-4-105		395	AR		
NAS72-5-010		395-11	AR		
NAS72-6-104		407-19	AR		
NAS72-6-108		407-50	AR		
NAS72-7-106		70-6	AR		
NAS72-7-113		277-4	AR		
NAS73-3-005		194-20	AR		
NAS73-3-012		414-18	AR		
NAS73-4-008		99-8	AR		
NAS74-3-015		228-42	AR		
NAS75-10-016		366-40	AR		
NAS75-4-027		146-7	AR		
NAS75-6-032		414-22	AR		
NAS75-8-016		115-22	AR		
NAS76A5-024		395	AR		
NAS77-11-50		29-28	AR		
NAS77-4-30		279-11	AR		
NAS77-4-68		115-14	AR		
NAS77-5-28		402	AR		
NAS77-6-78		115-8	AR		
NAS77-7-45		135	AR		
NAS77A7-68		159	AR		
NE51		328	1		
N6271-4-12		216-39	1		
PC3 1/2		123	4		
		330	4		
PDA35		281-7	3		
		281-9	3		
		292-38	3		
		301	4		
		301-8	3		
		301-9	6		
PDLM70		282-22	2		
PFGGF-SF100-20		73-4	1		
PFSC3 1/2-38		340A	1		
PF24-3906-20BCE3		261-10	REF		
PF24-3906-20BCE4		261-10	REF		
PF3 1/2 -38		330	4		
PF3 1/2 38		123-7	4		
PG208AS2		388-6	REF		
PG208B7		388-6	1		
PK542-2-5		431-3	2		
		442-36	2		
PK74XZ2-4		105	4		
PL148A		337-8	1		
PL151A		337-16	1		
PL153A		337-11	1		
		337-14	1		
PL259A		337	2		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
PL274		336-15	1		
PP493/APG30		330-13	1		
		333-50	REF		
PP493A/APG30		330	1		
		333	REF		
PSA1C		314	1		
PSA5		314-7	1		
		314-8	1		
PS3 1/2		123	4		
		330	4		
P302CCT-L		333-8	1		
P303CCT-G		333-9	1		
P304CCT-L		333-13	1		
P306CCT-L		333-11	1		
P308CCT-L		333-18	1		
P312CCT-L		333-15	1		
P315CCT		333-16	1		
P318CCT		333-14	1		
P7703000		330	REF		
P7703075		332-47	REF		
P7703105		330-6	REF		
P7703380		330-14	REF		
RAD207SB7.5		46-21	1		
RAD207SB7.5L		457	2		
RA2258-2		354-8	1		
RA2258-3		14	1		
		414-45	3		
RA2487-2		111-31	1		
		174	2		
		174-4	1		
RA2487-3		323-10	1		
		413-10	1		
RA2500-2		111-30	1		
		173	2		
		174	3		
RA3M4-2		210-30	1		
RBA143-16		405	3		
RB3A		348	1		
RC20BF1S1S		338-3	1		
		339-2	1		
RC20BF151J		337-2	1		
RC20GF334J		340B	1		
RC20GF470J		340A	1		
RC20GF511J		340A	1		
RC30AE104K		328	1		
RC30AE473K		328-27	1		
RC31AE104K		328	1		
RC31AE473K		328-26	1		
RD103SB5L		19	1		
		28	2		
RD104SB5		16-20	4		
RD104SH5L		75-48	2		
		82	1		
		199-34	6		
		270	1		
		344-17	5		
RD201SB12L		353-6	1		
RD205SB5.5L		82	1		
		207	2		
		211	1		
		270	1		
RD205SH5.5L		45	4		
		207-25	2		
RD206SH6.5		203-27	3		
RD206SH6.5L		20	2		
		40	9		
		45	4		
		199	2		
		201-21	1		
		207-32	2		
		478	1		
RD208SH9L		54	1		
		343-23	1		
RD210SB12L		162	1		
REB3N		408-46	1		
		487-5	1		
		487-5A	1		
REB3N2		69-34	1		
RE3F4		210-26	1		
		210-31	2		
		210-38	2		
		211-53	1		
RE3H5		210-14	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
RE4F5		203-11	1		
		204-5	1		
		209-5	1		
		209-17	2		
		209-25	2		
		432	1		
RE4F5-2		197-2	1		
RE5M7		138-6	1		
RF3H5		64	2		
		65	1		
RG33A3		475-1	REF		
RG8A/U		334	REF		
RL104SH5		24-7	2		
RL124SH12		350	1		
RL18SB6		19	1		
		28	2		
RL21SB6		12	2		
		14	2		
		16-8	2		
		16-14	2		
		16-21	4		
		24-6	2		
		75-47	2		
		82-53	1		
		199-33	6		
		270-24	1		
		344-18	5		
		477	8		
RL24SB7		45	4		
		82-35	1		
		207	2		
		211-28	1		
		270-6	1		
RL27SB8		478-17	1		
RL28SB8		20-13	1		
		20-24	1		
		40	9		
		45	4		
		194-48	2		
		199-35	2		
		201	1		
		203	3		
		207	2		
RL28SB9		54-35	1		
RL31SB9		203	1		
		204	1		
RL33SB9		46-20	1		
		457	2		
RL38SB9		343-24	1		
		478-10	1		
RL56SB11		162	1		
		353-5	1		
RL72SB11		12-30	1		
ROCKET CATAPULT		367A	NP		
RR75C		431	1		
RSA104SM6L		343-21	9		
RT173/ARC33		338-5	1		
RT178/ARC27		339-9	1		
RT181/APG30		330-5	1		
		333-44	REF		
RT220/ARN21		340B-23	1		
RT279/APX		334	REF		
RT297A/APX		334	1		
RT322/APG30		330	1		
RT322/APG30A		330	1		
		333	REF		
RT82/APX6		334-2	1		
RV4AYSB501C		321A-10	1		
RV4SAYSD102B		289-25	1		
		321A-10	1		
RW16J141		305	1		
RW30G500		278A-17	1		
RW30J1R0		314-31	1		
RW30J2R0		314-32	1		
RW30J3R1		314	1		
RW31J800		288-14	1		
		304-26	1		
		304-33	1		
		306-27	1		
RZA10020		350-9	1		
R101A/ARN6		336-10	1		
R104SH5		12-13	2		
		14-21	2		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
R104SH5L		477	8		
R104SH6		16-9	2		
		16-13	2		
R206SH8		194	2		
R207SB9		203-28	1		
		204-21	1		
R308SH10		478	1		
R312SH16		12	1		
R5306-0534		364	1		
		365	1		
R77A/ARC3		337-20	1		
SA3A/A		335-37	1		
SA4511-8		167	1		
		168	1		
		382	5		
		385	1		
SA8256C		446-7	1		
SCA2B		92-10	REF		
SCREW		185A	2		
SD135-3		279-8	PEF		
SD195-283		335	1		
SET SCREW		423-12	4		
		425	2		
		425-12	4		
SE16-2		317-5	1		
		317-13	1		
SHIM		118-21	1		
SK179BP10-20		184	2		
SK179BP10-9		184-22	6		
SK179BP6-12		188-6	2		
SK179BP6-14		178-31	4		
SK179BP6-16		182	2		
		182-21	2		
		182-25	2		
		184	2		
		184-9	1		
		184-14	1		
		184-15	2		
		184-19	1		
		185-47	9		
		475	4		
SK179BP6-7		181-16	2		
SK179B10-9		184-23	2		
SK4262A		77-60	REF		
SL1421		358A-32	2		
SN1204		441-31	1		
SPEC AN 110B		279	REF		
		279-8	REF		
		279-15	REF		
SPEC AN 133		182-7	REF		
SPEC AN-A19A		182-3	REF		
		185A-8	REF		
		185B-8	REF		
SPEC AN-A30		182-11	REF		
		185A-6	REF		
		185B-6	REF		
SPEC AN-I33		185A-13	REF		
		185B-13	REF		
SPEC ANC99A		182-5	REF		
		185B-5	REF		
SPEC JAN-C25		293	REF		
		325-40	REF		
SPEC JAN-R11		328-26	REF		
SPEC JAN-R26A		288-14	REF		
		304-26	REF		
		304-33	REF		
		306-27	REF		
SPEC MIL-A25708		340A-1	REF		
		340B-22	REF		
SPEC MIL-A5125		182-4	REF		
		185-2	REF		
		185A-9	REF		
		185B-9	REF		
SPEC MIL-A5885		183	REF		
		184	PEF		
		184-9	REF		
		185A-21	REF		
SPEC MIL-A5885A		185-19	REF		
		185B-21	REF		
SPEC MIL-A6589A		179-6	REF		
		179-7	REF		
		294-33	REF		
SPEC MIL-A6752		182-3	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
SPEC MIL-A6752A		185-1	REF		
		185-2	REF		
SPEC MIL-B36836		183	REF		
SPEC MIL-B6148		279-7	REF		
SPEC MIL-C1511		122-2	REF		
		122-4	REF		
		122-11	REF		
		123-20	REF		
SPEC MIL-C25		321A-9	REF		
SPEC MIL-C3608		340B-19	REF		
SPEC MIL-C3643		340B-21	REF		
SPEC MIL-C5026		314-4	REF		
SPEC MIL-C5041		415	REF		
		415-11	REF		
SPEC MIL-C5604		178-30	REF		
SPEC MIL-C5816A		335-4	REF		
SPEC MIL-C6231		179-5	REF		
SPEC MIL-C6231AM-1		179-5	REF		
SPEC MIL-C6359		183	REF		
		185B-29	REF		
SPEC MIL-C6499		182	REF		
		185-3	REF		
		185A-5	REF		
		185B-5	REF		
SPEC MIL-C6520		352-54	REF		
SPEC MIL-C6662		474-15	REF		
SPEC MIL-C6662A		474	REF		
SPEC MIL-C7050		294-8	REF		
SPEC MIL-C7079		304-40	REF		
		304-41	REF		
SPEC MIL-C7927		304	REF		
SPEC MIL-C8384		336	REF		
SPEC MIL-C8412		179	REF		
		179-8	REF		
		294-34	REF		
		335-47	REF		
SPEC MIL-G5672		185-5	REF		
		185A-15	REF		
		185B-15	REF		
SPEC MIL-H6769		348-11	REF		
SPEC MIL-I16424		183	REF		
SPEC MIL-I25137		185A-7	REF		
		185B-7	REF		
SPEC MIL-I5099		182-9	REF		
		185A-12	REF		
		185B-12	REF		
SPEC MIL-I5099A		182-9	REF		
		185-4	REF		
		185A-12	REF		
		185B-12	REF		
SPEC MIL-I5126A		183-14	REF		
		184	REF		
		184-3	REF		
SPEC MIL-I5133		184-5	REF		
		185A-14	REF		
SPEC MIL-I5133A		184	REF		
		185	REF		
		185B	REF		
SPEC MIL-I5356		184-2	REF		
		185-13	REF		
SPEC MIL-I5892		182	REF		
		185-11	REF		
SPEC MIL-I5892A		185-11	REF		
		185B-17	REF		
SPEC MIL-I6301		182-1	REF		
		185A-17	REF		
		185B-20	REF		
SPEC MIL-I6424		184-3	REF		
		185-14	REF		
		185A	REF		
		185A-11	REF		
		185B	REF		
		185B-11	REF		
SPEC MIL-I6470		184	REF		
		185B-19	REF		
SPEC MIL-I6470A		185-17	REF		
SPEC MIL-I7032C		317-13	REF		
SPEC MIL-I7064		184	REF		
		184-33	REF		
		185-18	REF		
		185B-4	REF		
SPEC MIL-I7086		182	REF		
		184-10	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
SPEC MIL-I7086		185-20	REF		
		185B-16	REF		
SPEC MIL-I7203		184	REF		
		185-10	REF		
		185B-18	REF		
SPEC MIL-I7203A		185-10	REF		
SPEC MIL-I7721		182-7	REF		
		185-9	REF		
		185A-13	REF		
		185B-13	REF		
SPEC MIL-I7805		182	REF		
		185-8	REF		
		185B-10	REF		
SPEC MIL-I8303		185B-2	REF		
SPEC MIL-I8692		185A-1	REF		
		185B-1	REF		
SPEC MIL-I9229		185A-2	REF		
SPEC MIL-M5388		182-10	REF		
		185-12	REF		
SPEC MIL-M5388A		185-12	REF		
SPEC MIL-R11		340A	REF		
		340B	REF		
SPEC MIL-R26		278A-17	REF		
SPEC MIL-R6198		484-44	REF		
SPEC MIL-R9233		366	REF		
		367	REF		
SPEC MIL-R94B		289-25	REF		
		321A-10	REF		
SPEC MIL-S25878		340B-12	REF		
		340B-13	REF		
SPEC MIL-S6785		348	REF		
SPEC MIL-S6807		304-37	REF		
SPEC MIL-S6904A		295-3	REF		
SPEC MIL-T5014A		403	REF		
		415	REF		
SPEC MIL-T5420A		74-34	REF		
SPEC MIL-T5796		189-6	REF		
		189-19	REF		
SPEC MIL-T5796A		189-6	REF		
		189-19	REF		
SPEC MIL-T6302		180-8	REF		
SPEC MIL-T6598		433-11	REF		
		469-72	REF		
SPEC MIL-T6598B		433	REF		
		469	REF		
SPEC MIL-T6598C		433	REF		
		469	REF		
SPEC MIL-T7113		73-24	REF		
		73-36	REF		
		180	REF		
SPEC MIL-T7115		180-24	REF		
SPEC MIL-V5C64		376	REF		
SPEC MIL-W5013A		403-45	REF		
		415-12	REF		
		415-13	REF		
SPEC NAS6225-1		314-29	REF		
		314-30	REF		
SPEC NAS7937-1B		336	REF		
SPEC NA49-651		382	REF		
SPEC NA5-4186-2		364	REF		
		365-35	REF		
SPEC NA5-4272-3		367A-11	REF		
SPEC NA5-6217-1		382-45	REF		
SPEC NA5-6217-2		382	REF		
SPEC NA5-6218-1		377-15	REF		
SPEC NA5-6218-3		377	REF		
SPEC NA5-6225-1		385-27	REF		
SPEC NA5-6228-1		382-24	REF		
SPEC NA5-6228-11		382-24	REF		
SPEC NA5-6229-6		382-10	REF		
SPEC NA5-6235-8B		382	REF		
SPEC NA5-7722		261-11	REF		
SPEC NA5-7820-22		358A-23	REF		
		358A-24	REF		
		358A-25	REF		
		358A-29	REF		
SPEC NA5-7917-1		205-18	REF		
SPEC NA5-7917-4A		205	REF		
SPEC NA5-8225-8A		247-29	REF		
SPEC NA5-8228-1		90-23	REF		
SPEC NA5-8228-3		269	REF		
SPEC NA5-8228-4		269	REF		
SPEC NA5-8228-5		269-7	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
SPEC NA5-8233-2		246-17	REF		
SPEC NA5-8233-3		246-17	REF		
SPEC NA5-8235-11		272	REF		
SPEC NA5-8235-2		89	REF		
		272	REF		
SPEC NA5-8235-3		89	REF		
		272	REF		
SPEC NA5-8235-4		272	REF		
SPEC NA5-8235-5		89	REF		
		272	REF		
SPEC NA5-8247		224-15	REF		
SPEC NA5-8252		231-12	REF		
SPEC NA5-8252-1		231-12	REF		
SPEC NA5-8252-2		231-12	REF		
SPEC NA5-8254-1		248-13	REF		
SPEC NA5-8265-2		89	REF		
		272	REF		
		272-8	REF		
SPEC NA5-8265-3		89	REF		
		272	REF		
		272-8	REF		
SPEC NA5-8269-1		223-20	REF		
SPEC NA5-8279-1		225-8	REF		
SPEC NA5-8292		216-37	REF		
SPEC NA5-8292-1		216-37	REF		
SPEC NA5-8292-2		216-37	REF		
SPEC NA5-8299-1		89	REF		
		89-1	REF		
		89-6	REF		
		272	REF		
		272-8	REF		
		272-17	REF		
SPEC NA5-8299-2		272	REF		
SPEC NA5-8299-3		89	REF		
		272	REF		
SPEC NA5-8299-4		89	REF		
		272	REF		
SPEC NA5-8299-5		89	REF		
		272	REF		
SPEC XH45D24627		184-1	REF		
SPEC Y27671B		182-10	REF		
SPEC 124D749-1		438-21	REF		
SPEC 17R21		316-1	REF		
SPEC 172-948011		45-21	REF		
SPEC 172-948034		15	REF		
SPEC 172-948039		48-4	REF		
SPEC 172-948229		51	REF		
SPEC 187-948018		43-1	REF		
SPEC 192-948054		43	REF		
SPEC 21098		179-5	REF		
SPEC 21106		182	REF		
		182-6	REF		
		185A-10	REF		
SPEC 21117		180-9	REF		
SPEC 21120A		184-2	REF		
SPEC 2117		189-6	REF		
		189-19	REF		
SPEC 21174		184-3	REF		
SPEC 21182A		184-2	REF		
SPEC 21250A		299-8	REF		
		300-6	REF		
SPEC 21311		184	REF		
		184-33	REF		
		185A-4	REF		
		185B-4	REF		
SPEC 21316		183-1	REF		
SPEC 21319		185A-18	REF		
		185B-16	REF		
SPEC 21323		73-24	REF		
		73-36	REF		
		180	REF		
		180-24	REF		
SPEC 21329		182	REF		
SPEC 21338		182-9	REF		
		185A-12	REF		
		185B-12	REF		
SPEC 24578		348-10	REF		
SPEC 27144		184-8	REF		
		185A-20	REF		
		185B-19	REF		
SPEC 27332		182-2	REF		
		185A-19	REF		
		185B-17	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
SPEC 27635		74-15	REF		
SPEC 27663B		183-18	REF		
		184-9	REF		
		185A-21	REF		
SPEC 32439A		282-37	REF		
		283-14	REF		
		313-14	REF		
SPEC 32471		282-32	REF		
		283-17	REF		
		313	REF		
		313-30	REF		
SPEC 32529		182-4	REF		
		185A-9	REF		
		185B-9	REF		
SPEC 326C183-2		438-16	REF		
SPEC 32603		324-1	REF		
SPEC 32617		335-4	REF		
SPEC 41087		376-8	REF		
SPEC 50-195		42-1	REF		
SPEC 5892		335-12	REF		
SPEC 7025E34-2		438-1	REF		
SPEC 71-5066		184-1	REF		
		185-6	REF		
SPEC 75-336		354-28	REF		
		357-19	REF		
SPEC 75-366		352-43	REF		
SPEC 93-24706D		348	REF		
SPEC 94-27368		374-51	REF		
SPEC 94-27386		182-11	REF		
		185A-6	REF		
		185B-6	REF		
SPEC 94-27957A		182-11	REF		
		185A-6	REF		
		185B-6	REF		
SPEC 94-32294D		305-19	REF		
SPEC 94-40355		374-43	REF		
SP1561-1032-11		56-6	12		
SP1561-1032-8		37-19	1		
SP1561-832-11		5-2	71		
SP1561-832-13		5-3	2		
SP1561-832-8		4-2	30		
		37-5	10		
		37-12	3		
		37-17	2		
SS48164		340A-18	1		
SS84143		38-7	4		
STYLE 3		448-39	REF		
S1452-048		353-41	2		
S1452-064		54-25	2		
		54-28	2		
S1452-070		54	2		
S1452-098		4-23	4		
S20		24	4		
S2222		441-38	1		
S23-3B1A		212-3	1		
S28741-4-15 1/2		216	1		
S304CCT-L		333-12	1		
S306CCT-L		333-10	1		
S308CCT-L		333-19	1		
S4-225		137-10	2		
		347-14	4		
S404CCT		333-17	1		
S5-225		148-50	1		
S6-275		154-6	4		
S6455		278A-27	1		
S84077		382-20	1		
T. O. 08-15-1		471	1		
T. O. 08-15-2		471	1		
T. O. 1-1B-40		471	1		
T. O. 1F-86F-1		471	1		
T. O. 1F-86F-2		471	1		
T. O. 1F-86F-4		471	1		
T. O. 1F-86F-6		471	1		
TA1720SS20AT		394A-23	1		
TA710-4		329-36	1		
TF12907-1		38-16	REF		
		454	1		
TF31400-3		38-16	2		
		454-19	1		
		455-31	REF		
TUBING		392-24	4		
		393-3	1		
		393-8	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
TYPE AC103		330	REF		
TYPE AN-N6		352-43	REF		
		354-28	REF		
		357-19	REF		
TYPE AN-N6A		352-43	REF		
TYPE AN-N9		352-54	REF		
TYPE AVI		458-23	REF		
TYPE A1		170-9	REF		
		182-9	REF		
		183	REF		
		183-1	REF		
		185A-12	REF		
		185B-12	REF		
TYPE A1CM		343-5	REF		
TYPE A13A		185-3	REF		
TYPE A14		184	REF		
		185B-18	REF		
		374-60	REF		
TYPE A2		170	REF		
		179-6	REF		
		179-7	REF		
		182-10	REF		
		183	REF		
		185B-29	REF		
		294-33	REF		
TYPE A2A		182-10	REF		
TYPE A2B		182-10	REF		
		185-12	REF		
TYPE A20		184	REF		
		185-10	REF		
		185B-18	REF		
TYPE A3		294-8	REF		
		330	REF		
		374-52	REF		
TYPE A34		185B-19	REF		
TYPE A4		306-29	REF		
		312-7	REF		
		344-1	REF		
TYPE B		181-6	REF		
		307-21	REF		
TYPE B1		348-10	REF		
TYPE B20		185A-18	REF		
		185B-16	REF		
TYPE B4		183-18	REF		
		184-9	REF		
		185A-21	REF		
TYPE B6		184	REF		
		184-9	REF		
		185-19	REF		
		185A-21	REF		
		185B-21	REF		
TYPE B8A		191-18	REF		
TYPE B9A		282-37	REF		
		283-14	REF		
		313-14	REF		
TYPE C1		299-8	REF		
		300-6	REF		
TYPE C12		182-11	REF		
		185A-6	REF		
		185B-6	REF		
TYPE C16		182-11	REF		
		185A-6	REF		
		185B-6	REF		
TYPE C2		74-15	REF		
		182-7	REF		
		185A-13	REF		
		185B-13	REF		
TYPE C34		185A-17	REF		
		185B-20	REF		
TYPE C4		294-23	REF		
TYPE C4A		305-19	REF		
TYPE C5		182	REF		
		182-6	REF		
		185A-10	REF		
		294-23	REF		
TYPE C6		182	REF		
TYPE D1		283-17	REF		
		313	REF		
		313-30	REF		
		375-6	REF		
TYPE D2		374-43	REF		
		375	REF		
TYPE D2A		375	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
TYPE D4		335-6	REF		
TYPE ECCC11A		391-7	REF		
TYPE E1		184	REF		
		184-33	REF		
		185B-4	REF		
		335-4	REF		
TYPE E1A		335-4	REF		
TYPE E2		324-7	REF		
TYPE E32		184-8	REF		
		185A-20	REF		
		185B-19	REF		
TYPE E34		184	REF		
		185-17	REF		
TYPE E7		180-8	REF		
TYPE F1		477-54	REF		
TYPE F2		180-9	REF		
		189-6	REF		
		189-19	REF		
TYPE F2A		189-6	REF		
		189-19	REF		
TYPE G9		348	REF		
TYPE J		329-28	REF		
		329-28A	REF		
TYPE J1		182-4	REF		
		185-2	REF		
		185A-9	REF		
		185B-9	REF		
TYPE J2		295	REF		
TYPE J4		179	REF		
		179-8	REF		
		294-34	REF		
		335-47	REF		
TYPE J6		433-11	REF		
		469-72	REF		
TYPE J8		183-15	REF		
		185A-14	REF		
TYPE K1		374-51	REF		
TYPE K7		182-2	REF		
		183-3	REF		
		185A-19	REF		
		185B-17	REF		
TYPE K8		185-11	REF		
		185B-17	REF		
TYPE L4		184-2	REF		
TYPE L6		184-2	REF		
TYPE L7		184-2	REF		
		185-13	REF		
TYPE L7A		184-2	REF		
TYPE MA1		182-9	REF		
		185-4	REF		
		185A-12	REF		
		185B-12	REF		
		366	REF		
		367	REF		
TYPE MA4		367-15	REF		
		480-17	REF		
TYPE MA4A		478-41	REF		
TYPE MB3		366-26	REF		
		367-11	REF		
TYPE ME1		340C-1	REF		
TYPE ME1C4		330	REF		
TYPE ME4		185A-7	REF		
		185B-7	REF		
TYPE M1		295-3	REF		
TYPE M1A1		364-1	REF		
TYPE M12		365-22	REF		
TYPE M2		324-1	REF		
TYPE M3		364-8	REF		
		364-9	REF		
		365-8	REF		
		365-17	REF		
TYPE M32		365	REF		
TYPE M4		364-26	REF		
		365-22	REF		
		376-8	REF		
TYPE M5		364	REF		
		365-1	REF		
TYPE N1		73-24	REF		
		180-24	REF		
TYPE N9		178-30	REF		
TYPE PS108		330	REF		
TYPE P2		474-15	REF		
TYPE RA20A2SD103AK		329-39	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
TYPE RS311		330	REF		
TYPE S2A		480	REF		
TYPE S3		179-5	REF		
		484-44	REF		
TYPE S3A		179-5	REF		
TYPE T1		168	REF		
TYPE T30P		471-7	REF		
TYPE T4		168-52	REF		
TYPE U7A		184	REF		
TYPE VI		403	REF		
		403-45	REF		
TYPE VII		415	REF		
		415-11	REF		
		415-12	REF		
TYPE V3		183	REF		
		184-3	REF		
TYPE V7A		183-14	REF		
		184-3	REF		
TYPE V8		183	REF		
		184	REF		
		184-3	REF		
		185	REF		
		185-14	REF		
		185-15	REF		
		185A	REF		
		185A-11	REF		
		185B-11	REF		
		185B-14	REF		
TYPE 0-4000		184	REF		
		184-33	REF		
TYPE 1A		272	REF		
TYPE 13A		185B-5	REF		
TYPE 2A		89-1	REF		
		89-6	REF		
TYPE 3A		272-8	REF		
		272-17	REF		
TYPE 36837		80-28	REF		
TYPE E49-10		413-45	REF		
T1270		105-3	1		
		288-11	1		
T1892		349	1		
T23		328-7	REF		
T6050		335-13	1		
T67/ARC3		337-17	1		
T7602420		330-5	REF		
UF5T20		111	4		
		473-2	2		
		473-22	2		
UF5T30		473-3	2		
		473-6	1		
UF5T40		473-7	2		
UG202/U		337-25	1		
		338-12	1		
		339-17	1		
UG21C/L		104-27	1		
		337	3		
		338	4		
		339	3		
		340	1		
UG21D/L		337-29	1		
		338-16	1		
		339	1		
		339-22	1		
		340	1		
UG212A/L		334-6	2		
UG212C/U		340A-2	1		
		340B-21	1		
UG23C/U		104-28	1		
UG23D/L		337-27	1		
		338-14	1		
		339-20	1		
UG260A/U		333	2		
UG27B/L		337-24	1		
		338-9	1		
		338-11	1		
		339-14	1		
		339-16	1		
UG574/U		337-38	1		
		338-25	1		
		340-3	1		
		340-8	1		
UG575/U		337-30	1		
		338-17	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
UG575/U		339-19	1		
		339-23	1		
UG58/U		104-14	1		
UG59A/U		334	2		
UG61A/U		334	1		
UJ214		403-13	1		
U12-.625-3.750S		262-20	2		
U12-.625-4.500S		262-11	2		
U12-.625-6.000S		262-25	2		
U12-.625-63-375SH		255-3	1		
U12-.625-63-381SH		255-2	1		
U12-625-3.75S		214-2	1		
U12-625-3.80S		231-15	1		
U12-625-4.63S		231-14	1		
U12-625-5.594S		239-9	2		
U134F32/12RG		336	1		
U15/U		337-9	1		
		337-15	1		
U16/U		337-10	1		
U61/U		362-2	1		
U92 A/U		362-31	1		
V3-1		384-28	1		
V3-444		181	4		
		185	4		
		185A	4		
		185C	1		
V86CC		41-11	REF		
WA3SBT1		323-17	4		
		440-40	4		
WA3ST		349-29	1		
WB008-1 1/2		322-9	REF		
		382-24	REF		
WE443-10DM		378-1	1		
WE451-2D		461-19	1		
WF14/U		362-30	2		
WF5/U		362-1	REF		
WM346-1D		386-16	1		
W101D4		299-5	REF		
		300-2	1		
W101EB3RSHR		185-35	1		
W101L5B		185-43	1		
W102DB3		181-18	1		
		181-19	1		
		185-39	1		
		185C-25	1		
		297-18	1		
		321A-8	1		
W1034BHRS4R		287-21	1		
W1034BHRS4S		289-23	1		
W1034BHS4S		431	2		
W104NGY3GY		55-16	1		
W150C-1E		445-55	REF		
W200		329-35	1		
W3365		329-35	REF		
W3365-1		363-13	1		
W610C-1/4D		382-13	1		
W7946-2D		314-24	2		
W98292-1-.120		476-45	2		
W98292-6-.620		181-2	8		
W98293-2-220		185C-48	8		
		185C-30	3		
XX49324		335-17	REF		
X3499-1		293-22	1		
YHS100S6		305-1	1		
		26-15	8		
YR137CP-X		442-17	1		
Y4321A		438-4	2		
Z1200-02		438-22	2		
		438-26	2		
		438-29	3		
Z940		70	1		
		70-3	REF		
0-3903NN0-4057		367-10	REF		
0P262		278-19	REF		
025901A		352-42	1		
0428AG10		437	14		
06FN22-14S		338-2	1		
06FN22-4S		338-7	1		
06FN28-12P		338-8	1		
1-1045-76		41-34	1		
		44-22	1		
		45-7	2		
		449-33	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
1-1045-76		450-8	1		
		455-27	1		
1AT3		299-2	1		
		300-3	1		
1AT5		296-13	1		
183738-42		364-25	1		
		365-34	1		
10149-140		340C-10	1		
10149-141		340B-15	1		
10149-65		340B-27	1		
10149-80		340C-3	1		
1F3C5S		438	2		
1HA1L.H.		409	1		
		418	1		
		421-15	1		
		422	1		
		424	1		
		425	REF		
		429	1		
1HA1R.H.		409	1		
		418	1		
		421	1		
		424	1		
		425	REF		
		427	1		
		428	1		
1HS1		423-15	2		
		425	1		
		425-15	2		
1J1-1-1-3		296	1		
1J1-1-3-5		279-37	1		
1J1-1A1A3		326	2		
1J1-1A1A8		326	3		
1J1-1A2-4		325	1		
1J1-1A3-6		325	1		
1J1-2-2-5		292-30	2		
1J1-2-2-6		280-8	1		
1J1-3-4-8		305	1		
1K4		384	1		
1K6		296	1		
1L1-2		413-8	1		
1L1-2H		414	1		
1L1-3H		413	1		
1N1C3		25	1		
1N7-4A		64	2		
1P6S		206-18	1		
1P7		194-54	2		
1R10-8-035-428		210-28	1		
1R11-8-.049-428		175	1		
1R12-6-035-428		212-17	1		
1R12-6-49-428		168-24	1		
1R8P8-428		228-25	2		
1V4-20-30		220-8	REF		
1V7-18-30		83-14	1		
1V7-2-30		264-23	1		
1V7-26-30		243-21	1		
1V7-8-30		80-28	1		
10-10102		294	REF		
10-1026		231-12	REF		
10-1344-75		436-32	1		
		468-55	1		
10-15045		292	1		
		294	1		
		305	1		
10-1547-5		86-1	REF		
10-1744-75		459-22	REF		
10-2750-79		45-21	1		
10-71024-28P		293	1		
10A100		247-29	REF		
1081-4-4-6		279-19	1		
10C1-1-7		334-20	2		
10C1-3-8		304	1		
10C2A12		114-21	1		
10C2A13 3/4		114-22	1		
10C2A7 7/8		114-20	1		
10C2B12-50 1/2		74-41	1		
10JB55X		304-46	REF		
100PL-A		158-27	2		
1000-31		367A-11	1		
101		179-34	REF		
		179-36	REF		
10150		456	REF		
101718		330	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
101723		330	1		
		330-21	REF		
101732		330	1		
101735		330	1		
101741		330	1		
1018-10A		9	REF		
102-0		278-10	1		
		304-47	1		
		307-20	1		
102-54256		292-16	1		
102-54256-3		320-25	1		
102-54257		292-9	1		
102-54257-2		292-10	1		
102-54258		292-11	1		
102-54259		292-14	1		
102-54259-3		320	1		
102-54261		292-13	1		
102-54265		292-15	1		
102-54265-3		320-27	1		
102P377-8		331	4		
102002-125500275		167-17	REF		
		168-34	REF		
102052-1		167-17	REF		
		168-34	REF		
102052-6		167-17	1		
		168-34	1		
10212-200		377-44	1		
10245-1		295-21	1		
		305-19	1		
102527		330-19	1		
1028-4		294-10	1		
		294-23	1		
		305-20	1		
		305-28	1		
104226		337	1		
		377-15	REF		
104260		382-10	1		
104451		330	2		
105685		382	REF		
106030-2		89	REF		
106030-3		272	REF		
106030-4		272	REF		
106130-2		272	REF		
106130-3		89	REF		
106130-4		272	REF		
10671		181-21	REF		
		307-21	1		
10671-2		181	1		
		185	1		
		185A	1		
		185C	1		
10681		181-6	REF		
10681-100		181-6	1		
		185-33	1		
		185A	REF		
		185A-40	1		
		185C	REF		
		185C-21	1		
1071		7	1		
		7-25	1		
108745		382-24	1		
108752-1		70	REF		
		70-3	REF		
109-54259		292-12	1		
109-63035		70-23	REF		
		356-20	REF		
11A100		247-29	REF		
1181-3		98-28	1		
1181-5		98-27	1		
11CRSC2		266-14	REF		
11S1		278-18	1		
110-1086		348-8	1		
110-1086-1		348	1		
110-2100		349-25	1		
110-2100-1		349	1		
110-2100-10		349-25	REF		
110-2100-11		349	REF		
11060		248-13	REF		
11101		185-34	1		
		185A	REF		
1111-517733		436-11	1		
		468-20	1		
1111-517951		54-8	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
1111-518038		455	REF		
		455-25	1		
1111-518111		19-28	1		
		28-14	1		
		28-22	1		
1111-526657		54	1		
1111-527826		51	1		
1111-536313		19	1		
		28	2		
1112-538469MI		365-16	1		
1112-538469M1		367A-14	1		
11136		272	REF		
11138		272	REF		
1116-51.7126		258-14	1		
113050-2		247-29	REF		
113150-2		247-29	1		
114162		81-29	2		
		266-14	1		
11502-3		377-39	REF		
117-31825-9		167-12	2		
		172-37	2		
117-31829-5		168-11	2		
117-31923		5-25	2		
117-33144		407-57	1		
117-48116		456-5	3		
117-48142		456-29	1		
117-48142-11		39-6	1		
		454-37	1		
		456-23	1		
117-48289		455-9	4		
117-52458		193-12	2		
117-54240		93-15	1		
117-54241		93	1		
117-54242		93-18	1		
117-54243		93-19	1		
117-54244		93-14	1		
117-63227		471-4	4		
117-63230		478-11	1		
117-63295		471-5	2		
1174A		350-25	REF		
1175		350-12	6		
1185-04CN X .168		278A-15	2		
1198100-4		351-13	1		
1191-10CN X 5/8		394A-42	1		
12-347-5		241-11	2		
		258-30	2		
		258-31	1		
120-43091		431-21	2		
120-48079-10		12-26	2		
		14	2		
120-48528		59-10	1		
120-48546		59	1		
120-53344-12		377-14	1		
120-53344-13		382-34	1		
120-53344-15		382-30	2		
120-54058		278-14	REF		
120-54229		305	1		
120-615530		348-9	6		
120-615562		348-2	2		
120-63039		471	1		
120-63210		413-33	1		
1207-001		209	4		
120814		314-6	1		
1209-001		209	2		
121AR1		346	1		
1227-893		309-6	1		
		310-2	1		
12270		292-25	2		
		292-28	1		
12288		293-24	1		
123-53136		160-20	2		
124D100		351-39	REF		
124D100-5		351-39	1		
1251-937		309-10	1		
		310-1	1		
1264-938		315-36	1		
127G0100-1		376	1		
13-1010		90-23	REF		
13-1018		269	REF		
13-1054		269	REF		
13-21204-2		437-31	1		
13-21204-4		437-32	1		
130-33508		413-19	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
130-51066		293	1		
		305-2	1		
130-52419		309-4	1		
130-52650		193-41	2		
130-53447-3		144-16	1		
130-53455-3		144-17	1		
130-53456		144-14	1		
130-58557		478-20	1		
13131		272	REF		
13133		272	REF		
13137		89	REF		
134-31423		115-2	1		
134-31427-10		115	1		
134-31427-9		115-1	1		
134-31918		156-11	1		
134-43056		323-13	4		
		440-36	4		
134-48065		455-22	1		
134-48066		455-19	1		
134-48067		455-20	1		
134-48068		455-24	1		
134-48069		455-18	1		
134-48071		455	1		
		455-25	REF		
134-48079		461-5	1		
134-48081		455-16	1		
134-48082		455-14	1		
134-48084		453-17	1		
134-48085		453-16	1		
134-48086		453-15	1		
134-48086-3		453-18	1		
134-48239		173-50	1		
134-48331		59-4	1		
134-48332		59-9	1		
134-55010		134-44	1		
13476		246-17	1		
1354-526177		36-13	1		
		42-1	1		
136-10001		51	1		
136-10001-1		51	1		
136-10001-4		51	1		
136-10001-5		51	1		
137		290	1		
138106		431-7	2		
		442-45	2		
138187		105-5	1		
		181-20	1		
		185A-48	1		
		185C-28	1		
14		327-9	1		
14-1062		224-15	REF		
14S2P		362-3	1		
14S2S		362-28	1		
140-10008		5-11	1		
140-10009-1		5-9	1		
140-10009-2		5	1		
140-10010		5-10	2		
140-13028-1		6-10	REF		
140-13028-2		6-11	REF		
140-13029-12		6	REF		
140-13029-21		6-1	1		
140-13029-22		6	1		
140-13030-1		6-2	1		
140-13030-2		6	1		
140-13031-1		6	REF		
140-13031-11		6	1		
140-13031-12		6	1		
140-13031-2		6	REF		
140-13032-1		6	REF		
140-13032-11		6	1		
140-13032-12		6	1		
140-13032-2		6	REF		
140-13033-3		6-12	6		
140-14014-5		17-5	1		
		19-5	1		
		27-1	1		
		28-1	1		
140-14014-6		17	1		
		19	1		
		27	1		
		28	1		
140-14058		24-8	2		
140-14062		31-15	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
140-14076-1		12-23	1		
		14-27	1		
140-14076-2		12	1		
		14	1		
140-14077-3		12-24	1		
140-14077-4		12	1		
140-14077-5		14-28	1		
140-14077-6		14	1		
140-14119		12-11	1		
		14-19	1		
140-14151		31-9	1		
140-14157		31-16	1		
140-14158		5-16	1		
140-14166-3		7-52	1		
140-14166-5		7-54	1		
140-14167		7-53	1		
140-14181		12-14	1		
		14-22	1		
		16-7	1		
		16-12	1		
		24-5	1		
140-14183		5-27	2		
140-14205		31-14	6		
140-14218		39-20	1		
140-14222		39-21	1		
140-14268		31-10	1		
140-17018-3		25-14	16		
140-17018-5		25-15	1		
		25-16	1		
140-17115		10-5	1		
		10-6	2		
140-17210		25-4	8		
140-18010-1		32	1		
140-18010-2		32	1		
140-18012		7-44	REF		
140-18014		32-14	REF		
140-18015		32-17	4		
140-18017-11		7-43	2		
140-18017-7		7-41	1		
140-18017-9		7-42	2		
140-18021-3		32-5	1		
		32-7	1		
140-18046		32-25	2		
140-18047		32-11	4		
140-23408		98-30	REF		
140-25-5		83-23	1		
140-31012-3		109-49	6		
140-31015-3		109-45	1		
140-31020		148-35	2		
140-31021-1		148-36	1		
140-31021-2		148	1		
140-31021-21		146-21	1		
140-31021-22		146	1		
140-31021-23		146	1		
140-31023		146-28	2		
		148-40	1		
140-31024		108-3	4		
140-31026		146-11	1		
		147-47	1		
140-31027-3		146-4	4		
		147-41	4		
140-31027-5		146-6	2		
		147-42	2		
140-31029		149-31	2		
		366-76	1		
140-31030		149-32	1		
140-31033		134-34	2		
		149-27	2		
140-31034		134-9	2		
140-31035		134-35	2		
140-31038		149-19	2		
140-31039		149-18	2		
140-31040		149-17	1		
140-31040-10		149	1		
140-31041-1		149-15	2		
140-31041-2		149-16	2		
140-31042		149-11	2		
140-31043		149-7	1		
140-31044-5		149-6	1		
140-31045-3		149-12	2		
140-31045-4		149	2		
140-31046		149-21	1		
140-31049		149-33	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
140-31049		173-6	1		
140-31050		149-34	1		
140-31057		109-54	1		
140-31058-3		109-46	1		
140-31058-4		109-47	1		
140-31062-1		160-19	1		
140-31062-2		160	1		
140-31063-1		160-18	1		
140-31063-2		160	1		
140-31068		146-5	1		
		147-45	1		
140-31070		159-19	4		
140-31182		134-17	1		
140-31187		160-9	1		
140-31188-1		144-39	1		
140-31188-2		144	1		
140-31216-3		158-13	1		
140-31216-4		158	1		
140-31218-3		158-15	1		
140-31218-4		158	1		
140-31246		158-2	1		
		158-5	1		
140-31269		159-1	1		
		177-5	2		
140-31271		159-2	1		
		177	2		
140-31312-11		159	2		
140-31809-3		168-48	4		
140-31811-10		170-23	1		
140-31811-9		170-22	1		
140-31822-20		174-5	1		
140-31838		174-15	1		
140-31841		133-13	1		
140-31843		131-54	1		
140-31845-21		174-1	1		
140-31847		174-17	1		
140-31848		177-6	REF		
140-31848-10		177-6	1		
140-31878		166-27	1		
140-31878-5		166-28	1		
140-31879		166	REF		
		167-3	1		
		168-32	1		
140-31879-3		166-26	1		
140-31936		156-2	1		
140-33014-21		29	NP		
140-33014-22		29	NP		
140-33014-31		16-27	NP		
		29	NP		
140-33014-32		16	NP		
		29	NP		
140-33124-3		30-32	1		
140-33124-4		30-33	1		
140-33125-5		395-46	1		
140-33125-9		395	1		
140-33126		395-44	1		
140-33127		395-19	1		
140-33128-3		395-20	AR		
140-33128-4		395-21	AR		
140-33129-13		29-14	2		
140-33129-3		29-5	4		
140-33129-5		29-4	2		
140-33129-7		29-6	2		
140-33129-9		29-13	2		
140-33141-1		30-9	1		
140-33141-2		30	1		
140-33142-1		30-17	1		
140-33142-2		30	1		
140-33143-1		30-13	1		
140-33143-2		30	1		
140-33145		30-10	1		
140-33146		30-12	1		
140-33149		30-8	1		
140-33150		30-7	1		
140-33151		395-17	1		
140-33152		395-12	1		
140-33153		30-6	1		
140-33154		30-15	1		
140-33155		30-16	1		
140-33301-101		398-1	1		
		400	REF		
140-33301-102		398	1		
		400	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
140-33302		260-6	REF		
		400-16	1		
140-33303		400-18	1		
140-33304		400-14	1		
140-33305-3		400	1		
140-33305-4		400	1		
140-33306		400-1	1		
140-33307		400	1		
140-33308		400-6	1		
140-33309		400-8	1		
140-33310		400	1		
140-33311		400-12	2		
140-33312		400-13	AR		
140-33351-1		395-28	1		
140-33351-2		395	1		
140-33353-1		395-29	1		
140-33353-2		395	1		
140-33356-5		415-8	1		
140-33357-1		395-31	1		
140-33357-2		395	1		
140-33358-1		395-32	1		
140-33358-2		395	1		
140-33361		415-2	1		
140-33362		395-27	2		
140-33502-10		29-23	1		
140-33502-21		29	1		
140-33503-10		29-27	1		
140-33504		29-25	1		
140-33510		29-40	1		
140-33512-1		395-5	1		
140-33512-2		395	1		
140-33513		395-4	AR		
140-33515		29-26	1		
140-33532		398-22	1		
140-33533		398-11	1		
140-33535		157-11	1		
140-33536		157-13	1		
140-33537		398-26	1		
140-33538-1		398-25	1		
140-33538-2		398	1		
140-33539		398-10	1		
140-33540		398-35	1		
140-33543-1		157-6	1		
140-33543-2		157	1		
140-33547-1		157-1	1		
140-33547-2		157	1		
140-33551		398-23	1		
140-33553-5		399-16	REF		
		399-33	REF		
140-33553-7		399-16	1		
		399-29	1		
140-33554-3		260-14	1		
140-33554-5		260-13	1		
140-33555		260-20	1		
140-33602		131-56	1		
140-33619-1		398-24	1		
140-33619-11		398	1		
140-33619-12		398	1		
140-33619-2		398	1		
140-33620		414-55	2		
140-33625-1		14-40	1		
140-33625-2		14	1		
140-33630		414-52	1		
140-33633		29-38	1		
140-33634		14-41	2		
140-33635		414-51	1		
140-33636		413-42	1		
140-33646		131-40	1		
140-33652		413-32	1		
140-33653		127-16	1		
140-34111-205		403-42	1		
		405	REF		
140-34111-405		403	1		
		405	REF		
140-34113-3		405-17	1		
140-34113-4		405	1		
140-34114		405-19	1		
140-34115		405-25	REF		
140-34123		135-7	1		
140-34125		405-15	1		
140-34126		405-8	1		
140-34127-3		402-56	AR		
140-34127-4		402	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
140-34128		402-53	2		
140-34146		407	1		
140-34146-6		407-1	1		
140-34147		407-20	1		
140-34149		407-34	1		
140-34150-3		407-37	AR		
140-34150-5		407	AR		
140-34150-7		407	AR		
140-34155		407-7	2		
140-34181		402-39	1		
140-34183		402-49	1		
140-34184		402-48	1		
140-34301		408-11	1		
		416	REF		
140-34301-50		408	1		
		416	REF		
140-34301-6		416	1		
140-34302-11		416	1		
140-34302-13		416	1		
140-34302-3		416-22	1		
140-34303		416-23	1		
140-34304		416-13	1		
140-34305		416-14	1		
140-34306		416-1	2		
140-34307		416-4	1		
140-34310		416-9	2		
140-34311		416-10	AR		
140-34506		130-59	1		
140-34507		130-54	1		
140-34510-1		402-15	1		
140-34515		128-33	18		
140-34522		135-14	1		
140-34524		135-16	1		
140-34532		115-17	1		
140-34532-20		115	1		
140-34533		127-34	1		
140-34535		127-15	1		
140-34535-11		127	1		
140-34538		127-40	2		
140-34541-7		408-26	1		
140-34542		408-35	1		
140-34545		408-36	1		
140-34549		127-12	2		
140-34551		408-45	1		
140-34551-3		408	1		
140-34551-5		408	1		
140-34551-7		408	1		
140-34552		115-15	1		
140-34553		115-13	1		
140-34554		408-44	1		
140-34554-3		408-49	1		
140-34554-5		408-50	1		
140-34554-7		408-48	1		
140-34556-11		115-7	1		
140-34557		115-6	1		
140-34558		115-12	1		
140-34562		408-63	1		
140-34567		115-25	1		
140-34568		115-29	1		
140-34569		115-27	1		
140-34570		115-26	1		
140-34571		127-44	1		
140-34623-10		402-32	1		
140-34627		402-37	1		
140-34639		402-27	1		
140-34640		402-31	1		
140-39036-1		159-12	1		
140-39036-11		159	1		
140-39036-12		159	1		
140-39036-2		159	1		
140-39037-1		159-13	1		
140-39037-2		159-13	1		
140-39038-1		277-17	1		
140-39038-2		277	1		
140-39039-21		159-11	1		
140-39039-22		159	1		
140-39039-32		159	1		
140-39050-1		160-21	1		
140-39050-139		160	1		
140-39050-140		160	1		
140-39050-149		160	1		
140-39050-150		160	1		
140-39050-159		160	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
140-39050-160		160	1		
140-39050-2		160	1		
140-39051		160-22	1		
140-39053-3		160-25	1		
140-39053-4		160	1		
140-39055		160-23	1		
140-39060-1		159-9	1		
140-39060-2		159	1		
140-39061		159-10	1		
140-42047		130-12	1		
		156-12	1		
140-42112		160-17	4		
140-43040		439-1	1		
		440-1	1		
140-43041		439-10	1		
		440-10	1		
140-43043		441-7	1		
		442-7	1		
140-43045		439-7	2		
140-43046-5		439-21	1		
140-43047		439-22	1		
140-43049		439-42	1		
		440-30	1		
140-43050		439-11	1		
		440-11	1		
140-43051		439-8	1		
		440-8	1		
140-43052		439-9	2		
		440-9	2		
140-47020		446-5	1		
140-48008		46-1	1		
140-48018		12	1		
		14	1		
140-48022-11		45-5	1		
		73-41	REF		
140-48042		38-27	1		
140-48054		455-17	1		
140-48058		454-46	1		
140-48087		454-15	1		
140-48098-3		455-30	2		
		457-13	2		
140-48804-5		38	1		
		454-8	1		
140-48804-7		38-3	1		
140-52017		207-14	2		
140-52031		193-29	4		
140-52102		191-10	1		
140-52107		191-1	1		
140-52108		191-5	1		
140-52202		190-5	1		
140-52204		190-4	1		
140-52209		198-1	1		
		201-1	1		
140-52225		145-6	1		
140-52239		145-4	1		
140-52242-3		145-1	1		
140-52243		145-7	1		
140-52244		145-5	1		
140-52301		197-1	1		
140-52302		197-10	1		
140-52303		197-9	1		
140-52304		197-4	1		
140-52305		197-25	1		
140-52307		197-20	1		
140-52308		197-17	1		
140-52309		197-19	1		
140-52313		197-56	1		
140-52315		197-40	1		
140-52316		197-33	1		
140-52332		133-7	1		
140-52346		209-7	1		
140-52383-5		197-60	1		
140-52402-3		194-52	1		
140-52403-15		194-51	2		
140-52407-3		194-55	1		
140-52407-6		195-15	1		
140-52408-1		196	1		
140-52408-2		196	1		
140-52408-3		196-9	1		
140-52408-4		196	1		
140-52410		194-37	1		
140-52414		194-23	1		
140-52415		194-25	2		
140-52416		194-29	1		
140-52418		194-13	1		
140-52420-1		194-40	1		
140-52420-2		194	1		
140-52421		194-27	1		
140-52425		194-28	1		
140-52426		194-57	2		
		195-17	2		
140-52432		194-56	1		
		195-16	1		
140-52442		144	1		
140-52450		194-8	1		
		196-5	1		
140-52451		196-1	1		
140-52452		196-4	1		
140-52459		194-35	1		
140-53024-21		361	REF		
140-53024-22		361-8	REF		
140-53024-31		359	1		
		361	1		
140-53024-32		359-6	1		
		361-8	1		
140-53029		359	1		
140-53043-3		366-48	2		
		367-29	2		
140-53091-10		364-7	2		
140-53093		370-31	2		
140-53094		359-18	1		
		361-12	1		
140-53094-3		359	1		
140-53094-5		359	1		
140-53095-5		361-25	1		
140-53095-6		361	1		
140-53124		32-34	1		
140-53125		32	1		
140-53316-11		378-32	2		
140-53316-15		378-41	1		
140-53316-17		378-28	1		
140-53316-21		378	3		
140-53316-3		378-8	1		
		378-26	2		
		378-31	1		
		378-38	4		
		385	2		
		385-17	2		
140-53316-5		382-7	1		
140-53316-7		382-6	1		
		385-29	2		
140-53316-9		382-11	1		
		385	1		
140-53323		384	1		
140-53325		384-11	1		
140-53364		381	1		
140-53364-11		381-9	2		
140-53364-3		381-2	1		
140-53364-5		381-3	1		
140-53364-7		381-4	1		
140-53364-9		381-5	2		
140-53374		112-23	1		
140-53386		177-47	1		
140-53387		379-6	REF		
140-53389		379-10	REF		
140-53399-3		379-2	1		
140-54008		177	1		
		279-29	1		
		320-15	1		
140-54010		170-7	1		
140-54011		91-12	1		
140-54027		93-10	1		
140-54035		315	1		
140-54035-20		315	1		
140-54035-3		315-14	1		
140-54035-30		314	1		
140-54035-4		315-16	1		
140-54035-5		315-15	1		
140-54037		115-19	1		
		115-32	1		
140-54045		314-5	1		
140-54047		160-12	1		
140-54083		279-6	2		
140-54088-11		110-27	1		
140-54088-5		110-28	1		
140-54089		110-35	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
140-54089-5		110-36	1		
140-54104		396-14	1		
		415-19	1		
140-54108		305	1		
140-54109		477-49	1		
140-54110-10		92-17	10		
140-54111		92-21	1		
140-54112		92-22	1		
140-54113		92-20	1		
140-54114		92-18	1		
140-54117		292-17	1		
		319-17	4		
140-54117-20		294-5	2		
		305-3	2		
140-54128-11		297-10	1		
140-54128-21		297-11	1		
140-54128-3		297-13	1		
140-54135		325-1	1		
140-54141		92-14	1		
140-54147		314-3	1		
140-54152-10		415-21	REF		
140-54157		415-33	1		
		417-15	1		
140-54168-5		319-16	2		
140-54168-7		319	2		
140-54194		292-1	1		
140-54194-3		292-23	1		
140-54222		293	1		
140-58016-3		221-20	1		
140-58045		219-20	REF		
140-58214		476-7	1		
140-58273-2		415	1		
140-58345		83-5	1		
140-58373-1		415-22	1		
140-58373-10		415	1		
140-58393		83-18	1		
140-58460		219	1		
140-58460-3		219-15	1		
140-58460-4		219-16	1		
140-58461-1		135-31	1		
140-58461-2		135	1		
140-58508		83-6	1		
140-58509		83-4	1		
140-58560		222-16	2		
140-61021		144	3		
140-61026		348-22	1		
140-61028		348-23	1		
140-61029-1		350-3	1		
140-61029-2		350	1		
140-61031		348	NP		
140-61040-1		350-1	1		
140-61040-2		350	1		
140-61041-1		350-2	1		
140-61041-2		350	1		
140-61042-1		350-4	1		
140-61042-2		350	1		
140-61044		350	1		
140-61061-3		350	1		
140-61065-1		348-16	3		
140-61065-2		348	3		
140-61065-29		348-21	1		
140-61078-1		350-21	1		
140-61078-2		350	1		
140-61079-1		350-22	1		
140-61079-2		350	1		
140-61081-1		134-39	1		
140-61081-2		134-40	1		
140-61083-31		350-17	1		
140-61083-32		350	1		
140-61085		134-38	8		
140-61086		134-36	2		
140-61087		134-41	2		
140-61088		144	1		
140-61089		144	1		
140-61090		144	1		
140-61091		348-1	2		
140-61092		149	1		
140-61101-1		349-1	1		
140-61101-11		349	1		
140-61101-12		349	1		
140-61101-2		349	1		
140-61101-5		349-13	6		
140-61102-7		349-18	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
140-61103-3		349-30	1		
140-61104		349-17	1		
140-61105-1		349-23	1		
140-61106		349-10	1		
140-61106-3		349	1		
140-61107		349-15	1		
140-61108		349-16	1		
140-61109-1		349-8	1		
140-61109-2		349	1		
140-61110-1		349-9	1		
140-61110-2		349	1		
140-61111		349-6	1		
140-61112-1		349-2	1		
140-61112-2		349-3	1		
140-61113		349-11	8		
140-61115		349-27	1		
140-61115-2		349-31	1		
140-61116		349-26	1		
140-61117		349-24	1		
140-61118		349-5	1		
140-61119		349-14	1		
140-61155		357-6	6		
140-61173		357-1	2		
140-61177		357-5	6		
140-61188-1		349-12	1		
140-61188-2		349	1		
140-61189		349-7	1		
140-63005-1		478-9	REF		
140-63005-11		478-9	1		
140-63005-12		478	1		
140-63005-2		478	REF		
140-63009		478-2	1		
140-63010		478-8	2		
140-63011		478-30	2		
140-63012		471	1		
140-63020		471-3	1		
140-68011		477-5	1		
140-68015		477-37	1		
140-68016		477-40	1		
140-68017		477-48	5		
140-68018		477-9	1		
140-68023		477-13	1		
140-68032-1		482-8	1		
140-68032-2		482	1		
140-68033		482-3	REF		
140-68033-3		482-3	1		
140-68034		482-23	REF		
140-68034-11		482-23	16		
140-68039		477-33	1		
140-68040		477-25	1		
140-68042		477-32	1		
140-68043		477-30	1		
140-68045		477-44	1		
140-68046		477-28	1		
140-68047		477-27	1		
140-68049		477-26	1		
140-68050		477-47	1		
140-68051		477-31	1		
140-68052		477-12	1		
140-68053		477-46	2		
140-71059-3		337-48	8		
		338-35	8		
		340-18	8		
140-71059-5		337-49	8		
		338-36	8		
		340-19	8		
140-73060		471-2	1		
140BC100		351-13	REF		
140S1-5D		83-24	1		
141-43023		431-6	1		
		442-44	1		
141-58396		216-15	1		
142-33139		135-8	1		
142-33139-3		135	1		
142-33139-4		135	1		
142-58306		336-25	1		
142-68019		175-1	1		
143-5		83	1		
143S2-5		83-22	1		
144-54071		293	2		
		306	1		
		306-6	2		
		331A-55	2		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
144-54071		333	3		
		333-23	3		
144-54071-10		330	1		
		333	3		
144-71050		166	1		
144-71051		166	1		
144-71054		166-15	1		
144-71056		166-14	1		
144-71059-5		166-11	1		
144-71059-6		166-12	1		
144-71062		166-13	1		
144-71097		336-6	1		
144-71098		336-5	1		
145-20500-1		47-3	REF		
145-20500-2		47	REF		
146-34352		437-23	4		
146-42617		462-15	REF		
146-43034		296-30	2		
146-523114		27-31	1		
146-54144		320-22	4		
146-54144-5		320-23	2		
146-54145		320-29	1		
146-54146		320	1		
146-54146-3		320-30	1		
146-61105-2		349	1		
146351		415	REF		
146352		415	REF		
146383		471	2		
147-42063		464-6	2		
		464-36	3		
147-43069		370-60	1		
147-51068		180-4	2		
		189-1	2		
		189-10	2		
147-62124		483-7	2		
147062		415	REF		
		415-13	1		
147063		415	REF		
		415-12	1		
14840-125500275		167-16	REF		
14840-125500275-1		167-16	1		
149-61078		357-4	1		
15C1-3		335	1		
15C1-5		335	1		
15C1-7		363-7	1		
150-13029-11		6-1	REF		
150S1-12		436-3	REF		
		468-2	REF		
		468-14	1		
150S1-12D		436-3	2		
		468-2	1		
150S1-6		243	REF		
		263-4	1		
		265	1		
		436-4	REF		
		436-9	REF		
		468-12	1		
		468-18	REF		
150S1-6D		243	1		
		263-4	1		
		263-47	1		
		264-1	1		
		265	1		
		436-4	1		
		436-9	1		
		468-18	1		
150S1-8		436-39	REF		
		468-47	REF		
150S1-8D		263-5	2		
		436-39	2		
		468-47	2		
151-10007		5-14	1		
151-10017		5-13	1		
151-13005-21		6	1		
151-13017		45-27	2		
151-13038-21		6-6	1		
151-13038-7		6	1		
151-13039-1		4-24	1		
151-13039-2		4	1		
151-13043		6-3	1		
151-13044		38-43	1		
151-13045		38-45	1		
151-13046		38-42	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-14007-1		12	NP		
		14	NP		
151-14007-2		12	NP		
		14	NP		
151-14013-1		39-23	NP		
		50	NP		
151-14013-2		39	NP		
		50	NP		
151-14029		9	1		
151-14029-17		9	3		
151-14029-21		9	1		
		9-2	3		
151-14029-3		9-1	1		
151-14029-5		9	1		
151-14029-9		9	3		
151-14047-3		35-1	1		
151-14047-4		35	1		
151-14085-1		4-1	1		
151-14085-2		4	1		
151-14099-1		24-9	1		
151-14099-2		24	1		
151-14124		12	REF		
		12-29	REF		
		14	REF		
		14-30	REF		
151-14152		16	1		
151-14153-1		31-12	1		
151-14153-2		31	1		
151-14220		46-7	4		
151-14249-1		24-10	1		
151-14249-2		24	1		
151-14256-1		16-2	1		
151-14256-11		16-3	1		
151-14256-31		16-4	1		
151-14273-1		18-27	1		
		31-17	1		
151-14273-2		18	1		
		31	1		
151-14285-3		31-8	1		
151-14285-4		31	1		
151-14292-1		35	4		
151-14292-2		35	4		
151-14545-5		27-2	1		
		28	1		
151-14545-6		27	1		
		28	1		
151-14546-5		17-7	1		
		19-7	1		
		27-3	1		
		28-2	1		
151-14546-6		17	1		
		19	1		
		27	1		
		28	1		
151-14547-5		27-4	1		
		28	1		
151-14547-6		27	1		
		28	1		
151-14548-10		27	1		
		28	1		
151-14548-7		27-5	1		
		28-3	1		
151-14548-8		27	1		
		28	1		
151-14548-9		27-7	1		
		28-4	1		
151-14549-11		27-6	1		
		28	1		
151-14549-12		27	1		
		28	1		
151-14549-13		27-8	1		
		28	1		
151-14549-14		27	1		
		28	1		
151-14576-1		16-10	1		
151-14576-2		16	1		
151-14577-1		16-11	1		
151-14577-2		16	1		
151-14578-1		16-5	1		
151-14578-2		16	1		
151-14579-1		12-12	1		
		14-20	1		
151-14579-2		12	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-14579-2		14	1		
151-14600-101		12	REF		
151-14600-102		12	REF		
151-14600-201		12	1		
151-14600-202		12	1		
151-14600-301		12	1		
151-14600-302		12	1		
151-14678		24-16	1		
151-17206-3		25-3	7		
151-17206-5		25	1		
151-17207-3		25-1	14		
		26-4	14		
151-17207-5		25	2		
		26	2		
151-17208-3		25-2	8		
151-17208-4		25	8		
151-18011-11		7-40	1		
151-18011-3		7	1		
151-18011-5		7-40	REF		
151-18030		32-3	2		
151-18032-1		32	1		
151-18032-2		32	1		
151-18034-1		32	1		
151-18034-2		32	1		
151-18041		32-33	2		
151-18042-3		32-32	AR		
151-18042-5		32	AR		
151-18045-1		16-34	REF		
		30-18	1		
151-18045-2		16	REF		
		30	1		
151-18076-1		32	1		
151-18076-2		32	1		
151-18077-1		32	1		
151-18077-2		32	1		
151-18128-11		7-39	1		
151-18128-3		7	1		
151-18128-5		7-39	REF		
151-21113-1		97-29	1		
151-21113-2		97	1		
151-21114-3		97-21	1		
151-21114-4		97	1		
151-21114-5		97-22	1		
151-21114-6		97	1		
151-21115		97-20	2		
151-21412-1		97-25	1		
151-21412-2		97	1		
151-21414-1		97-17	1		
151-21414-2		97	1		
151-23002-201		98	1		
151-23090		98-22	1		
151-23119		98-51	2		
151-23301-101		98	1		
151-23302-51		98	1		
151-23318-1		98-20	1		
151-23318-2		98	1		
151-23402-3		98-44	1		
151-23404-3		98-50	1		
151-24001		96-1	1		
151-31006-101		106-5	1		
		146	REF		
151-31006-102		106	1		
		146	REF		
151-31006-15		146-60	1		
		148	1		
151-31006-16		146	1		
		148-26	1		
151-31006-19		146-23	2		
151-31006-21		146-61	1		
		148	1		
151-31006-22		146	1		
		148-28	1		
151-31006-71		146-10	1		
		148-60	1		
151-31006-81		146-62	1		
151-31006-85		146-32	1		
151-31006-87		146-34	1		
151-31006-89		146-33	1		
151-31007-101		149-5	1		
151-31007-102		149	1		
151-31007-351		149	1		
151-31007-352		149	1		
151-31007-401		149	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-31007-402		149	1		
151-31009		106	REF		
151-31009-51		106	REF		
151-31011		115-24	1		
151-31012-10		110-1	REF		
151-31012-20		110-1	1		
151-31014		114-1	2		
151-31016		149-1	1		
151-31017		106-31	1		
151-31018		149	1		
151-31020		106-4	NP		
		110	NP		
151-31021		115-31	1		
151-31024		158-21	1		
151-31025-1		106-12	1		
151-31025-2		106	1		
151-31027		149-36	1		
151-31028		149	1		
151-31032		108	1		
		112	REF		
151-31060-1		156-21	1		
151-31060-2		156	1		
151-31061-1		156	NP		
151-31061-2		156	NP		
151-31103-21		133-6	1		
151-31103-81		129-38	1		
		133	REF		
151-31103-91		129	1		
151-31106-100		129	1		
		130	REF		
151-31106-81		129-1	1		
		130	REF		
151-31106-9		130-68	1		
151-31106-91		129	1		
		130	REF		
151-31109-100		129	1		
151-31109-70		129	1		
151-31109-90		129-7	1		
151-31110		129-12	1		
151-31111-52		114	1		
151-31111-62		114	1		
151-31111-71		114-6	1		
151-31113		128-4	1		
151-31113-21		128	1		
151-31114-101		114-4	1		
151-31114-202		114	1		
151-31115		128-23	1		
151-31116-25		131-20	1		
151-31116-3		130-12	1		
151-31117-31		131-25	1		
151-31117-41		130-18	1		
151-31118-120		114-2	1		
151-31119-199		128-11	1		
151-31119-200		128	1		
151-31119-299		128	1		
151-31119-300		128	1		
151-31120-121		114-5	1		
151-31120-122		114	1		
151-31121-11		130-62	1		
151-31121-21		130	1		
151-31121-30		131-36	1		
151-31121-5		131-35	1		
151-31121-6		131	1		
151-31122-13		130-67	1		
151-31122-17		131-47	1		
151-31122-18		131-48	1		
151-31122-25		131-49	1		
151-31122-5		131-46	1		
151-31122-6		131	1		
151-31126-3		132-3	1		
151-31126-7		133-10	1		
151-31126-8		133-11	1		
151-31128		134-8	1		
151-31128-25		134-8A	1		
151-31128-27		134	1		
151-31128-30		134	1		
151-31128-40		134	1		
151-31129-31		132-9	1		
151-31129-41		133-14	1		
151-31129-5		133-15	1		
151-31129-6		133	1		
151-31130-31		134-15	1		
151-31130-32		134-16	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-31130-61		134	1		
151-31130-62		134	1		
151-31133-19		133-17	1		
151-31133-21		133-18	1		
151-31133-3		132-10	1		
151-31133-5		133-19	1		
151-31133-6		133	1		
151-31134-91		134-24	1		
151-31134-92		134-25	1		
151-31135-17		132-11	1		
151-31135-19		133-25	1		
151-31135-20		133-26	1		
151-31135-5		133-24	1		
151-31135-6		133	1		
151-31141-51		135-1	1		
151-31142		135-2	1		
151-31143-31		135-27	1		
151-31143-41		135	1		
151-31144-41		135-23	1		
151-31144-61		135	1		
151-31145		134	1		
151-31145-31		134-42	1		
151-31149-11		132-8	1		
151-31149-21		132	1		
151-31149-22		132	1		
151-31149-4		132	1		
151-31150-30		129-3	1		
151-31150-50		129	1		
151-31150-80		129	1		
151-31150-90		129	1		
151-31152-1		129-31	1		
151-31152-2		129	1		
151-31153-1		132-5	1		
151-31153-2		132	1		
151-31154-12		132	1		
151-31154-15		132-15	1		
151-31155		135-28	1		
151-31156-1		134-12	1		
151-31156-2		134	1		
151-31157-1		134-10	1		
151-31157-2		134-11	1		
151-31158-41		144	1		
151-31158-42		144	1		
151-31159-3		129-40	1		
151-31159-4		129	1		
151-31161		128-3	1		
		134	REF		
151-31166-61		144	1		
151-31166-62		144	1		
151-31170-6		129-9	1		
151-31170-7		129-10	1		
151-31172-27		131-4	1		
151-31172-5		130-4	1		
151-31172-7		130	1		
151-31173-51		131-17	1		
151-31173-7		130-10	1		
151-31173-9		130-11	1		
151-31174-1		131-24	1		
151-31174-7		130-13	1		
151-31175-15		130	1		
151-31175-29		129-36	1		
151-31175-3		131-31	1		
151-31175-33		131-33	1		
151-31175-35		130-63	1		
151-31175-4		131-32	1		
151-31175-40		131-34	1		
151-31175-6		131	1		
151-31176-15		131-43	1		
151-31176-29		130	1		
151-31176-36		131-44	1		
151-31176-40		131-45	1		
151-31176-7		131-42	1		
151-31176-8		131	1		
151-31176-9		130-66	1		
151-31177-5		129-33	1		
		129-35	1		
151-31177-6		129	1		
151-31177-7		129-34	1		
151-31179		130-6	1		
151-31181-2		131-28	1		
151-31181-31		131-27	1		
151-31182-10		130-65	1		
151-31182-9		130-64	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-31183-11		133-32	1		
151-31183-12		133	1		
151-31183-9		132-12	1		
151-31184-1		129-42	1		
151-31184-2		129	1		
151-31185-11		129-43	1		
151-31185-12		129	1		
151-31185-7		133-31	1		
151-31187		133-3	1		
151-31188-3		133-4	1		
151-31189		133-5	1		
151-31190-1		133-1	1		
151-31190-20		133-2	1		
151-31191-11		133-33	REF		
151-31191-12		133-34	REF		
151-31191-21		133-33	1		
151-31191-22		133-34	1		
151-31193		133-30	1		
151-31197-1		131-1	1		
151-31197-2		131-2	1		
151-31198-3		131-8	1		
151-31198-4		131-9	1		
151-31203		156	1		
151-31204		156-29	1		
		157-20	REF		
151-31208		156-28	REF		
151-31208-100		157	1		
151-31208-120		157	1		
151-31208-85		157	1		
151-31208-90		157	1		
151-31210-36		158	1		
151-31210-55		158	1		
151-31211-35		158	1		
151-31211-76		158	1		
151-31215-20		156-3	1		
151-31216-1		158-11	1		
151-31216-2		158	1		
151-31220-10		157	1		
151-31220-20		157	1		
151-31221-91		144	1		
151-31222-60		144	1		
151-31232-60		158	1		
151-31232-70		158-20	1		
151-31233		108-8	REF		
151-31233-5		158-4	1		
151-31233-6		158	1		
151-31235-1		158-14	1		
151-31235-2		158	1		
151-31246-90		157	1		
151-31253-20		158	1		
151-31260		156-19	1		
151-31263-2		158-18	1		
151-31264-2		158-19	1		
151-31272-20		157	1		
151-31272-30		157	1		
151-31274		456-26	1		
151-31274-10		456	1		
151-31312		160-13A	1		
151-31314-3		159	1		
151-31320-601		160	1		
151-31331-120		108	1		
		159	REF		
151-31331-125		108	1		
		159	1		
151-31331-130		107	REF		
		108	1		
		159	REF		
151-31350-52		159	1		
151-31350-81		159	1		
151-31358-13		159	1		
151-31358-3		158-3	1		
		158-6	1		
		159-7	1		
151-31358-5		159	1		
151-31358-7		159-5	1		
151-31360-51		159	1		
151-31360-62		159	1		
151-31368-1		159-35	1		
151-31368-22		159-36	1		
151-31406-11		177	1		
151-31406-12		177	1		
151-31425-11		177-36	4		
151-31425-15		177-32	2		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-31425-17		177-29	2		
151-31431		135-29	1		
151-31432		135-30	1		
151-31435		116-1	1		
151-31442-20		116-2	1		
151-31443-1		131-37	1		
151-31443-2		131-38	1		
151-31447-1		134-32	1		
151-31447-2		134-33	1		
151-31449-21		144	1		
151-31449-22		144	1		
151-31450-1		134-18	1		
151-31450-2		134-19	1		
151-31451-1		134-20	1		
151-31451-2		134-21	1		
151-31452-1		134-28	1		
151-31452-2		134-29	1		
151-31453-1		134-26	1		
151-31453-2		134-27	1		
151-31456-1		134-13	1		
151-31456-2		134-14	1		
151-31463		116-3	1		
151-31464		134-47	1		
151-31465-1		115-18	1		
151-31465-2		115	1		
151-31466-15		134-45	1		
151-31467-15		134-46	1		
151-31468		128	1		
151-31470		115-4	2		
151-31477		133-16	1		
151-31479-1		128-12	1		
151-31479-2		128	1		
151-31480-1		134-22	1		
151-31480-2		134-23	1		
151-31483-1		115	1		
151-31483-2		115	1		
151-31485-1		134-30	1		
151-31485-2		134	1		
151-31491		131-19	1		
151-31497		130-1	1		
151-31498		130-2	1		
151-31499		130-3	1		
151-31514		144-38	1		
151-31515		156-4	1		
151-31520-3		113-14	1		
151-31523-15		113-24	1		
151-31524-10		113-21	1		
151-31525-3		113-15	1		
151-31526-2		113-17	1		
151-31526-3		113-16	1		
151-31530-1		113-10	1		
151-31530-2		113	1		
151-31532		112-8	2		
151-31539		156	1		
151-31540		157-19	1		
151-31545-3		113-12	1		
151-31545-4		113-13	1		
151-31550		159-7B	1		
151-31552		159-8	1		
151-31553-1		159-34	1		
151-31553-2		159	1		
151-31570-1		129	1		
151-31570-2		129-26	1		
151-31579-1		159-7A	1		
151-31579-2		159	1		
151-31582-1		159	1		
151-31582-2		159	1		
151-31588		159-7C	1		
151-31591		106-44	2		
151-31593		108-9	REF		
151-31593-13		159-4	1		
151-31593-14		159	1		
151-31606-21		132-14	1		
151-31606-31		132	1		
151-31609-3		149-20	2		
151-31610		149-24	2		
151-31614		132-4	1		
151-31615		132-6	1		
151-31616		132-7	1		
151-31617-1		129-32	1		
151-31617-8		129	1		
151-31633		128-7	1		
151-31634		128	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-31635		128	1		
151-31636-1		128-8	1		
151-31636-2		128	4		
151-31637		128	1		
151-31640		115-5	1		
151-31641-3		130-26	1		
151-31641-5		130-27	1		
151-31641-7		130	1		
151-31641-9		130	1		
151-31642-3		130-32	1		
151-31642-5		130-33	1		
151-31642-7		130	1		
151-31643		135-25	1		
151-31647		129-45	1		
151-31649-3		133-29	1		
151-31650-20		129-5	1		
151-31652-1		132-1	1		
151-31652-2		132-2	1		
151-31653		130-7	1		
151-31654		130-8	1		
151-31655		130-17	1		
151-31657-3		130-16	1		
151-31658		131-26	2		
151-31662		129-4	1		
151-31672		130-14	1		
151-31673		130-15	1		
151-31673-21		130	1		
151-31690-3		158-12	1		
151-31690-4		158	1		
151-31703		146-8	1		
		147-36	1		
		148-59	1		
151-31704-3		129-41	1		
151-31704-4		129	1		
151-31705-11		135-26	1		
151-31706		128-46	1		
151-31708-10		130-5	1		
151-31709-1		149-22	1		
151-31709-2		149	1		
151-31710		110-11	REF		
151-31710-10		110-11	1		
151-31710-3		110-37	1		
151-31710-5		110-30	1		
151-31711-11		110-47	1		
151-31711-17		110-48	1		
151-31711-19		110-52	1		
151-31712		110	1		
151-31712-10		110-38	1		
151-31714		110-22	1		
151-31716-21		110-12	1		
151-31716-23		110-13	1		
151-31716-25		110-14	1		
151-31716-27		110-15	1		
151-31730		114	1		
		128	REF		
151-31731		112-1	1		
		115	REF		
151-31731-173		115	1		
151-31731-174		115	1		
151-31736-101		134-31	1		
151-31736-201		134	1		
151-31737-10		128-27	1		
151-31737-19		128-28	1		
151-31737-49		128-29	1		
151-31738		128-30	1		
151-31739		128-31	1		
151-31744		149	2		
		149-4	1		
151-31745-1		128-26	1		
151-31745-2		128	1		
151-31745-3		128	1		
151-31745-4		128	1		
151-31747-1		149-35	1		
151-31747-2		149	1		
151-31753-1		113-11	1		
151-31753-2		113	1		
151-31756-10		113-18	1		
151-31758		113-23	1		
151-31761		113-19	1		
151-31768		112-20	2		
151-31775		130-20	1		
		156-20	1		
		158	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-31782-1		112-5	1		
151-31782-2		112	1		
151-31787		108-4	2		
151-31788		108-5	2		
151-31810		170-19	1		
151-318137		168-13	1		
		173-1	1		
151-318137-10		168	1		
		173	1		
151-318138		173-2	1		
151-318139		144-5	1		
151-31814		172-30	2		
151-318142		359	1		
		361	2		
151-31815		167-11	2		
		168-10	2		
151-31826		173-28	1		
151-31830		170-40	1		
151-31831		170-39	1		
151-31832-11		177-1	1		
151-31832-12		177	1		
151-31833-10		177-2	1		
151-31840		173-25	1		
151-31842-9		131-57	1		
151-31843-10		170	1		
151-31843-9		170-45	1		
151-31844-1		170-30	1		
151-31844-2		170	1		
151-31844-3		170-36	1		
151-31844-5		170-37	1		
151-31845		170-38	1		
151-31846-3		170-42	1		
151-31846-5		170-41	1		
151-31847-1		170-44	1		
151-31847-2		170	1		
151-31849		173-52	1		
151-31859		173-31	1		
151-31877-10		166-1	REF		
		167-2	1		
151-31884-10		162-1	1		
151-31886		170-54	1		
151-31887		170-55	1		
151-31888-1		177-53	1		
151-31888-2		177	1		
151-31907-5		156-10	1		
151-31907-6		156	1		
151-31908-7		156-15	1		
151-31908-8		156	1		
151-31909-5		156-14	1		
151-31909-6		156	1		
151-33001-1		395	NP		
151-33001-2		395	NP		
151-33101-21		395	1		
		415	REF		
151-33101-22		395	1		
		415	REF		
151-33101-31		395-37	1		
		415	REF		
151-33101-32		395	1		
		415	REF		
151-33101-41		395	1		
		415	REF		
151-33101-42		395	1		
		415	REF		
151-33113		29-57	1		
151-33114		29-58	4		
151-33115		29-59	1		
151-33116-1		29-60	1		
151-33116-2		29	1		
151-33117		29-61	1		
151-33118		29-62	1		
151-33119		29-56	1		
151-33120-1		29-1	1		
		30	REF		
151-33120-13		29	1		
		30	REF		
151-33120-14		29	1		
		30	REF		
151-33120-2		29	1		
		30	REF		
151-33121-1		30-31	1		
151-33121-2		30	1		
151-33130		30-19	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-33132		30-14	1		
151-33307		400-5	1		
151-33352		30-2	2		
151-33354-1		30-1	REF		
		395	REF		
151-33354-2		30	REF		
		395	REF		
151-33354-3		30-1	1		
		395	REF		
		395-48	REF		
151-33354-4		30	1		
		395	REF		
151-33359		415-1	2		
151-33360-3		415-4	REF		
151-33511-1		29-31	1		
151-33511-11		29	1		
151-33511-12		29	1		
151-33511-2		29	1		
151-33512-1		29-36	1		
151-33512-2		29	1		
151-33513-1		29-43	REF		
151-33513-2		29	REF		
151-33514		29-33	2		
151-33515		395-1	1		
151-33516		29-32	1		
		83-3	1		
151-33531-1		157	1		
151-33531-11		157	1		
151-33531-12		157	1		
151-33531-2		157	1		
151-33537-1		157	1		
151-33537-2		157	1		
151-33565-5		157	1		
151-33565-6		157	1		
151-33566-1		157-9	1		
151-33566-2		157	1		
151-33570-1		157-8	1		
		399-38	REF		
151-33570-2		157	1		
		399-38	REF		
151-33571		399-26	1		
151-33571-7		399-36	1		
151-33572-11		399-24	1		
151-33572-21		399-13	1		
151-33575-3		399-25	1		
151-33575-4		399-37	1		
151-33601-20		413	NP		
151-33606		128-13	1		
151-33607		128-9	1		
151-33619		174-3	1		
		413-3	1		
151-33626		115-20	1		
151-33627		414-39	1		
151-33628		414-21	1		
151-33629		14-42	2		
151-33630		414-27	1		
151-33630-10		414	1		
151-33631		414-36	1		
151-33632		414-10	1		
151-33633		413-28	1		
151-33635-11		413-4	1		
151-33635-13		413	1		
151-33635-9		413-9	1		
151-33637		413-30	1		
151-33638-10		413-22	1		
151-33639		414-2	1		
151-33639-11		414	1		
151-33639-3		414-4	1		
151-33640		14	1		
151-33641		414-48	1		
151-33642		14-44	1		
151-33644		414-13	1		
151-33645		414-20	1		
151-33646		413-34	1		
151-34001-10		108	NP		
		402	NP		
151-34101-105		402-52	1		
		403	REF		
151-34101-205		402	1		
		403	REF		
151-34101-305		402	1		
		403	REF		
151-34103		403-3	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-34112-15		405	REF		
		405-20	1		
151-34112-25		405	1		
151-34116		405-18	2		
151-34141		402-1	1		
		407	REF		
151-34141-30		402	1		
		407	REF		
151-34142-13		407	1		
151-34142-5		407-56	1		
151-34143-3		407	1		
151-34143-5		407-59	1		
151-34144		407-51	1		
151-34145		407-13	1		
151-34352		128-5	1		
151-34353		128-6	1		
151-34354		411-8	2		
151-34355		411-13	2		
151-34356		403-35	1		
151-34357		403-38	1		
151-34358		411-19	1		
151-34359		411-22	1		
151-34360		411-21	1		
151-34362		411-20	1		
151-34363		408-55	2		
151-34364		403-36	1		
151-34367		411-29	REF		
151-34369		403-34	1		
151-34370		411-34	1		
151-34371		411-40	1		
151-34374		411-38	1		
151-34375		411-37	1		
151-34380-10		408-51	1		
		411	REF		
151-34381		411-5	1		
151-34396		411-24	1		
151-34397		411	REF		
151-34502		130-38	1		
151-34503		130-48	1		
151-34504		130-47	1		
151-34505		130-50	1		
151-34506		130-57	1		
151-34508		402-19	1		
151-34509		130-46	1		
151-34513		402-13	REF		
151-34513-10		402-13	1		
151-34514		402-12	1		
151-34515		402-5	1		
151-34522		130-25	1		
151-34523		130-31	1		
151-34608		128-16	1		
151-34609		128-15	1		
151-34610		128-10	1		
151-34625		402-36	1		
151-34631		402-25	1		
151-34632		402-26	1		
151-34636		407-49	1		
151-34637		407-47	1		
151-34651		405-5	1		
151-34652		403-10	1		
151-34654		412-11	1		
151-34659		130-9	1		
151-34660-10		412-35	1		
151-34664		412-19	1		
151-34665		412-18	AR		
151-34666		412-20	1		
151-34667		412-7	1		
151-34668		412-8	1		
151-34674		405-7	1		
151-34680		412-26	1		
151-34681		412-34	1		
151-34684		412-28	1		
151-34685		412-29	1		
151-34686		412-27	2		
151-34687		412	1		
151-39002-1		160	NP		
151-39002-2		160	NP		
151-39013		160-32	2		
151-39025-3		160-26	1		
151-39025-4		160	1		
151-42006		464-3	2		
		464-33	4		
151-42012		464-4	2		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-42012		464-34	4		
151-42013		464-5	2		
		464-35	4		
151-42019		464-9	1		
151-42024-109		437	REF		
151-42024-111		437	REF		
		437-3	1		
151-42024-137		437-2	1		
151-42027		437-44	2		
151-42035		443-16	2		
151-42039		433-59	2		
151-42040-10		433-60	1		
151-42041		437-41	1		
151-42047		437-19	1		
		469-33	1		
151-42048		443-17	2		
151-42053		464-37	1		
151-42054		433-71	1		
		469-65	1		
151-42058-10		130-16	2		
		156-16	2		
151-42076		432	2		
151-42081		434-8	REF		
151-42082		434-9	1		
151-42085		159-3	REF		
151-42086		159-18	1		
		159-31	1		
151-42121		437-1	8		
151-42304		437-15	1		
		469-12	1		
151-43030		432-33	1		
151-43031		432-26	1		
151-43032		432	1		
151-43038		432-18	1		
151-43040		439-43	1		
151-43041		432-17	1		
151-43042		441-6	1		
		442-6	1		
151-43043		439-32	1		
151-43044		439-34	1		
151-43045		439-20	1		
151-43046		439-30	1		
151-43047		439-29	REF		
151-43048		439-6	1		
		440-6	1		
151-43049		439-25	1		
151-43054-5		439-4	1		
		440-4	1		
151-43055		442-30	1		
151-43057		439-40	1		
		440-29	1		
151-43058		441-5	REF		
		442-5	1		
151-43061		442-49	1		
151-43062		442-48	1		
151-43063		441-42	1		
		442-26	1		
151-43064-3		442-47	1		
151-43067		442-43	1		
151-43068		439-13	1		
151-43069-5		439-33	1		
151-43069-7		439-12	1		
		440-12	1		
151-43071		442-29	1		
151-43078		442-41	1		
151-43079-5		439-31	1		
151-43086		432-22	1		
151-43095		439-15	1		
151-43099		144-18	1		
151-43107		432-47	1		
151-43112		431-2	1		
		442-38	1		
151-43113		431-4	1		
		442-37	1		
151-43115		442-35	1		
151-43116		431-8	1		
		442-33	1		
151-43117-3		442-31	1		
151-47053		433-99	1		
		469-59	1		
151-47073		446-3	1		
151-48002-401		45-31	REF		
151-48002-501		45-31	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-48002-601		45-31	1		
151-48002-9		45-32	1		
151-48003-401		46-12	REF		
151-48003-402		46	REF		
151-48003-501		46-12	REF		
151-48003-502		46	REF		
151-48003-601		46-12	REF		
151-48003-602		46	REF		
151-48003-701		46-12	REF		
151-48003-702		46	REF		
151-48003-8		46-14	1		
151-48003-801		46-12	REF		
151-48003-802		46	REF		
151-48003-901		46-12	1		
151-48003-902		46	1		
151-48005		50-4	1		
151-48006		50-3	1		
151-48007		50-5	1		
151-48008-1		50-6	1		
151-48008-2		50	1		
151-48009-11		50-2	REF		
151-48009-12		50	REF		
151-48009-21		50-2	1		
151-48009-22		50	1		
151-48010		50-1	1		
151-48011-11		38	1		
151-48011-7		38-49	1		
151-48011-9		38-50	1		
151-48012-111		38-46	1		
151-48012-51		38-46	REF		
151-48015		38-48	2		
151-48016		38-47	1		
151-48017		38-51	1		
151-48018-1		39-25	NP		
		50	NP		
151-48018-2		39	NP		
		50	NP		
151-48019		38	NP		
151-48025		45-6	2		
		455-29	1		
151-48029-11		12-25	1		
		14-29	1		
151-48034		449	NP		
		451	NP		
151-48035		451-4	1		
151-48037-11		451	1		
151-48038		451	1		
151-48039-11		451-3	1		
151-48042-3		38-40	1		
151-48042-4		38-41	1		
151-48044		451-14	1		
151-48045		451-13	1		
151-48047		451-10	1		
151-48048		451-12	1		
151-48049		451-2	1		
151-48051		455-12	2		
151-48059		455	1		
151-48059-11		455	1		
151-48061-11		456-15	1		
151-48064-11		38-15	1		
151-48065		158-17	1		
151-48071		454-43	1		
151-48073-11		158-16	1		
151-48074		456-16	1		
151-48075		454-31	1		
151-48076-1		454-17	1		
151-48076-2		454	1		
151-48077		453-28	1		
151-48078-31		453	REF		
		457-16	1		
151-48079		157-22	1		
151-48079-13		157-23	1		
151-48080		454-14	1		
151-48081		450-24	1		
151-48082		450-29	1		
151-48084-11		157-21	1		
151-48084-13		106-21	1		
151-48084-3		106-22	1		
151-48088		450	1		
151-48089		450-28	1		
151-48095		454-23	2		
151-48096		454-18	1		
151-48100-3		38-36	2		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-48100-5		38-37	2		
151-48100-7		38-38	2		
151-48101		46	1		
151-48101-11		457-3	2		
151-48102		46-27	4		
		457-7	2		
151-48103		46-30	1		
		457-11	1		
151-48104		46-29	8		
		457-8	4		
151-48105		46	1		
151-48107-11		15	1		
151-48107-31		4-26	REF		
		15	2		
151-48107-52		4-27	REF		
		15	2		
151-48107-9		15	1		
151-48108		46-26	2		
		457-6	2		
151-48109		5	2		
151-48110		15	4		
151-48111-11		15	4		
151-48112		46	2		
151-48113		46-25	2		
151-48113-11		457-4	2		
151-48115-1		46	1		
151-48115-2		46	1		
151-48117		5-22	REF		
151-48118		46-31	4		
		457-9	2		
151-48119		457	1		
151-48122		45-29	1		
		46-2	1		
		455-2	1		
151-48123		15-3	2		
151-48126-11		15	2		
151-48126-12		15	2		
151-48126-31		15-12	2		
151-48126-32		15	2		
151-48127		38-39	1		
151-48128-11		38-35	1		
151-48128-3		38-31	1		
151-48128-5		38-32	1		
151-48128-7		38-33	1		
151-48128-9		38-34	1		
151-48129-11		38-18	1		
151-48131		160-8	1		
151-48132		160-7	1		
151-48133		160-6	1		
151-48135-11		5-20	2		
151-48140		450-42	REF		
151-48140-31		160-10	1		
151-48142-13		53-25	1		
151-48142-31		454-34	REF		
151-48142-41		39-3	REF		
151-48142-51		456-18	REF		
151-48153		458-13	REF		
151-48153-11		458-13	1		
151-48154		458-25	1		
		463	REF		
151-48154-31		458	1		
		463	REF		
151-48156		462	REF		
151-48156-101		458-2	1		
		462	REF		
151-48156-201		458	1		
		462	REF		
151-48156-51		462	1		
151-48156-71		462	1		
151-48157		462-14	1		
151-48158-1		158-24	2		
151-48158-2		158-25	2		
151-48160		458-22	1		
151-48173		454-32	1		
151-48174-31		454-40	1		
151-48175-71		454-33	REF		
151-48175-91		454-33	1		
151-48176-3		46-28	1		
151-48176-5		457-12	1		
151-48177-3		46-15	2		
151-48177-5		46-16	2		
151-48177-7		45-2	1		
151-48179		38-14	2		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-48180-1		39-22	1		
151-48180-2		39	1		
151-48181		38-8	2		
151-48185		50-8	1		
151-48186		50-10	1		
151-48187		50-7	1		
151-48192-11		50-9	1		
151-48193		39-7	1		
151-48209		453-10	1		
151-48216		363	1		
151-48225		363-12	1		
151-48314		70-2	1		
151-48316		70-9	2		
151-48317		70-10	2		
151-48318		70-12	1		
151-48319		70-16	1		
151-48320		70-1	REF		
151-48320-10		51-4	1		
		70	REF		
151-48320-5		70-4	1		
151-48321		70-22	1		
151-48322		70-19	1		
151-48323		70-8	1		
151-48324		70-31	1		
151-48325		70-11	4		
151-48328		70-7	2		
151-48355-11		51-31	1		
151-48358-11		51-10	REF		
151-48358-12		51	REF		
151-48358-7		51-10	REF		
151-48358-8		51	REF		
151-48378		51-6	1		
151-48379		51-5	1		
151-48810-31		48-11	1		
151-48810-32		48	1		
151-48845		450-27	1		
151-48856		450-32	1		
151-51014		74	NP		
151-51029		144	2		
		376-16	REF		
151-51030-15		12-34	REF		
		14-46	REF		
151-51041		144	1		
151-51045-30		179-28	1		
151-51060		180-16	1		
151-51062		74-5	2		
151-51063		46-10	1		
151-51064		180-17	1		
151-51068		74-8	1		
151-51071		38-25	REF		
151-51079		438-2	1		
		438-19	1		
151-51080		438-3	1		
		438-20	1		
151-51081		438-9	1		
151-51088		45-1	1		
151-51091		376-14	1		
151-52011		190-14	2		
151-52012		190-15	2		
151-52020-5		192	1		
151-52021-5		192-9	1		
151-52022		309-21	1		
		310-20	1		
		312-38	1		
151-52026		192-7	1		
151-52027		309-20	1		
		310-19	1		
		312-37	1		
151-52030		309-19	1		
		310-18	1		
		312-36	1		
151-52031		192-11	1		
151-52034		192-8	1		
151-52035-5		192-4	1		
151-52038		192-10	1		
151-52056		192-6	1		
151-52103-1		133-8	1		
151-52103-2		133-9	1		
151-52219		145-2	1		
151-52226-3		145-12	1		
151-52226-4		145-13	1		
151-52227		145-14	1		
151-52228		145-15	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-52229-3		144-12	NP		
		145	NP		
151-52230-5		145	1		
151-52230-7		145-3	1		
151-52238		145	1		
151-52303		197-16	1		
151-52309		197-57	1		
151-52310-6		197-51	1		
151-52310-9		197-55	1		
151-52312		144-1	1		
151-52325		197-47	REF		
151-52363		209-8	1		
151-52408		144-13	1		
151-52409		193-30	1		
151-52412-1		194-36	1		
151-52412-2		194	1		
151-52415		194-7	1		
151-52417		194-4	1		
		196	REF		
151-52417-5		196-3	1		
151-52418-10		194	1		
151-52418-9		194-10	1		
151-52419-12		193-15	1		
		194	REF		
151-52419-9		193-14	1		
		194	REF		
151-52422		196-6	1		
151-52423-1		194-38	1		
		196	REF		
151-52423-2		194	1		
		196	REF		
151-52424-1		98-43	1		
151-52424-2		98	1		
151-52425		194-9	1		
151-52426		193-1	1		
151-52427		193-2	1		
151-52428		193-31	1		
151-52429		202	1		
		202-1	2		
151-52430		194-15	1		
151-52431		194-14	1		
151-52432		194-17	1		
151-52502-5		166-16	1		
151-53005		342-3	2		
151-53006		342-6	1		
		363-36	1		
151-53007		342-7	1		
		363-37	1		
151-53010-10		342-1	1		
151-53019-5		366	1		
		367-23	1		
151-53019-6		366	1		
		367	1		
151-53021-3		366-32	4		
		367	4		
151-53023		367	4		
151-53023-3		366-39	4		
		367-20	1		
151-53028		366-38	4		
		367-19	4		
151-53030-2		363	1		
151-53030-5		363-23	1		
151-53034		366	4		
151-53049-10		366-64	1		
		367-34	1		
151-53051-20		363-15	1		
151-53051-30		363	1		
151-53051-40		363	1		
151-53053-10		363-17	1		
151-53054-2		363-4	1		
151-53054-21		363-18	1		
151-53055		363-2	1		
151-53061		363-3	1		
151-53068		440-13	1		
151-53070		359	1		
151-53071		359-17	1		
		361-23	1		
151-53072		364	2		
151-53081		185A-62	1		
		185C-32	1		
151-53084		366-47	2		
151-53084-3		367-28	2		
151-53085-1		359-7	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-53085-1		361	1		
151-53085-2		359	1		
		361-7	1		
151-53093-5		366-15	1		
151-53107-10		364-10	2		
		487B-4	2		
151-53107-5		364-11	2		
151-53107-9		364-12	1		
151-53108		364	1		
151-53116		471-24	4		
151-53116-11		471	6		
151-53117		471-23	4		
151-53117-11		471	6		
151-53160		370-6B	1		
151-53162		370-6A	1		
151-53164		370-6	2		
151-53169-5		370-46	2		
		371-49	2		
151-53192		366-60	1		
151-53193		366-14	1		
151-53193-15		366	1		
		367	1		
151-53193-9		366-15	1		
151-53308		382-12	1		
151-53321-10		382	1		
151-53331-10		382-15	1		
		388-16	REF		
151-53335-23		385-19	1		
151-53335-87		378-40	1		
151-53338		385-22	2		
151-53346-10		381-25	1		
		384	REF		
		385-46	REF		
151-53346-20		381	1		
		384	REF		
151-53365		385-42	NP		
151-53377-30		385-43	1		
151-53377-40		385	1		
151-53377-50		385	1		
151-53381		433-58	1		
		433-90	1		
		468-38	1		
		469-45	1		
151-53424		387-15	1		
151-53426-3		387-27	1		
151-53426-4		387-28	1		
151-53428		387-26	1		
151-53431		387-5	1		
151-53435		387-11	1		
151-53481		177-46	1		
		385-49	REF		
151-53488		379	1		
151-53493		112-24	1		
151-53520		378-52	1		
151-53521		378-51	1		
151-53523-10		378-43	1		
151-53523-3		378-47	1		
151-53529		128-34	1		
		128-35	1		
		128-37	1		
		128-40	2		
151-53529-10		128-38	1		
151-53535-10		378-27	1		
151-53539-11		128-36	1		
151-53545		385-30	1		
151-53551-5		388	1		
151-53552		388-5	1		
151-53565		167-30	1		
		168-45	1		
151-53567		167-25	1		
		168-40	1		
151-53567-3		167-26	1		
		168-41	1		
151-53573-10		382	1		
		385-48	REF		
151-53574		378-9	2		
151-53575-1		378-10	1		
151-53575-15		378-11	1		
		381-27	REF		
151-53576		378-19	1		
151-53578		378-22	1		
151-53579		378-21	1		
151-53582		378-17	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-53583		378-25	1		
151-53586		381-14	1		
151-53587		381-21	1		
151-53587-10		381-24	1		
151-53591		381-20	1		
151-53592		381-11	1		
151-53593		381-15	1		
151-53612		382-31	1		
151-53625		378-34	2		
		378-36	2		
		378-39	2		
151-53627		378-33	2		
151-53627-10		378-35	2		
151-53628		378-37	2		
151-53630		384-6	1		
151-53635-137		167-24	1		
		168-39	1		
151-53636		144-37	1		
151-53657		386-8	1		
151-53660-5		386	1		
151-53663		386-12	1		
151-53671		386-11	2		
151-53686-1		296-32	1		
151-54007-20		294-8	REF		
151-54007-31		294-8	1		
151-54010		177	1		
		279-30	1		
151-54017		93-9	1		
151-54019		93	1		
151-54037-3		295-20	1		
		305-98	1		
151-54037-5		305-10	1		
151-54037-7		295	1		
151-54038		144	1		
151-54042		158	1		
151-54043		158	1		
151-54053-11		113-8	1		
151-54053-12		113-9	1		
151-54054		92-23	1		
151-54081-3		407-29	1		
151-54083		177-35	REF		
151-54086		320-10	1		
151-54087		320-2	1		
151-54088		172-25	1		
151-54089		172-26	1		
151-54095		315-32	1		
151-54095-10		278-24	1		
151-54096		315-33	1		
151-54098		316-6	AR		
151-54102-10		279	1		
		279-22	1		
151-54105-15		312-40	1		
151-54106-40		326-17	1		
151-54108-40		326-16	1		
151-54109		326	1		
151-54112		309-1	1		
151-54113		309-39	1		
151-54115		92-9	4		
		95-5	4		
151-54118		309-38	1		
151-54120		93-32	1		
151-54122-50		314-36	1		
		324	REF		
151-54122-60		314	1		
		324	REF		
151-54122-70		314	1		
		324	REF		
151-54122-80		314	1		
		324	REF		
151-54122-90		314	1		
		324	REF		
151-54129		314-2	1		
151-54153		417-17	1		
151-54161		407-60	1		
151-54162		407-46	1		
151-54176		316	REF		
151-54176-10		316	1		
151-54179		313-9	1		
151-54190		294-26	1		
151-54191		113-5	1		
151-54200-11		401	REF		
		415-20	1		
151-54200-12		401	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-54200-12		415	1		
151-54211-1		401-14	1		
151-54211-2		401	1		
151-54212		292-20	1		
151-54215		292-19	1		
151-54216		292-18	1		
151-54219		93	REF		
151-54220		93	1		
151-54220-7		93-31	1		
151-54220-9		93-30	1		
151-54221		292-2	1		
151-54222		415-26	1		
151-54224-1		415-29	1		
151-54224-2		415	1		
151-54226-1		401-2	1		
151-54226-2		401	1		
151-54228		407-58	1		
151-54230		292	1		
151-54232-1		93-26	1		
151-54232-2		93	1		
151-54243-1		320-32	1		
151-54243-2		320	1		
151-54244		320-38	1		
151-54245		320-39	1		
151-54245-3		421-25	1		
151-54246		320-42	1		
151-54246-5		421-26	1		
151-54248		401-8	1		
151-54249		401-7	1		
151-54251		406	REF		
		417-19	1		
151-54251-10		406	REF		
		415-38	1		
151-54252		406-12	1		
151-54253		406-3	1		
151-54254-3		406-9	1		
151-54254-5		406	1		
151-54256		415-41	1		
151-54258		415	1		
151-54260-1		93-24	1		
151-54260-2		93	1		
151-54261-5		320-34	1		
151-54261-7		93-37	1		
151-54262		416-19	1		
151-54263		416-20	1		
151-54264-3		416-17	1		
151-54265		416-15	1		
151-54266		416-18	1		
151-54292		158-9	1		
151-54292-11		115	1		
151-54296-20		286	REF		
		294-4	1		
151-54297		286-9	1		
151-54298-10		286-8	1		
151-54300		286-11	1		
151-54315		93-33	2		
151-54316		93	1		
151-54316-3		93-35	1		
151-54318		292-46	REF		
151-54320-40		309-35	1		
		326	REF		
151-54321-10		326-18	1		
151-54323		291-8	1		
151-54324		291-10	1		
151-54325		291-9	1		
151-54325-3		291	1		
151-54326		291-7	1		
151-54327-3		292-21	1		
151-54327-5		93-28	1		
151-54329		292-24	1		
151-54332-30		326-15	1		
151-54333-1		401-5	1		
151-54333-2		401	1		
151-54351		169-18	REF		
151-54351-10		169-18	1		
151-54352		169-18	REF		
		316-7	REF		
151-54352-10		169-18	REF		
		316-8	1		
151-54353		316-7	REF		
151-54353-3		316-7	1		
151-54353-5		169-17	1		
151-54354		316	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-54357		134-7	1		
151-54361		278-13	1		
151-54368-3		279-2	1		
151-54370-30		279-3	1		
151-54370-50		279	1		
151-54371-10		127-18	1		
151-54376		304	1		
151-54380-1		29-35	1		
151-54380-2		29	1		
151-54380-7		29-6	1		
151-54389		417-4	1		
151-54391		286-5	1		
		287-3	1		
151-54399		286-6	1		
		287-4	1		
151-54400		286-7	1		
		287-5	1		
151-54413		417-9	1		
		427-11	1		
151-54427-3		293	1		
151-54428		293	1		
151-54428-21		279-27	1		
		313	2		
151-54428-31		320-46	1		
151-54433		278-4	2		
		278-6	2		
151-54446		309-32	1		
		310-5	1		
		327-12	REF		
151-54526		432-40	1		
151-58010-3		216-12	1		
		218-28	REF		
151-58017-3		222-1	1		
151-58027-1		87-15	REF		
151-58027-2		87	REF		
151-58028-1		78-14	REF		
151-58028-2		78	REF		
151-58029		88-17	REF		
151-58030		221-29	REF		
151-58033-5		222-19	REF		
151-58035-3		226-8	1		
151-58044-1		277-35	REF		
151-58044-2		277	REF		
151-58079-5		223-20	REF		
151-58086-3		220-2	1		
		254-10	1		
151-58133		295-14	1		
151-58134		295-13	1		
151-58166		87-10	1		
151-58184		83-21	1		
151-58194		238-35	1		
151-58208		277-13	1		
151-58229		228-11	1		
151-58230		228-9	1		
151-58231		228-10	1		
151-58234		114-9	1		
151-58235		228-24	1		
151-58236		228-21	1		
151-58238		228-18	2		
		228-33	1		
151-58239		162-55	1		
151-58240		228-35	1		
151-58241		228-32	1		
151-58242		226-52	REF		
		228	1		
151-58242-3		228-20	1		
151-58250-1		83-17	1		
151-58250-2		83	1		
151-58270		226-53	REF		
		228-34	1		
151-58310		223-17	1		
151-58313		216-17	1		
151-58314-3		216-13	1		
151-58318		225-15	1		
		231-45	1		
151-58319		225-17	1		
		231-47	1		
151-58320-10		114-10	1		
151-58335		236-26	1		
151-58346-3		225-16	1		
		231-46	1		
151-58366-5		236-13	1		
151-58366-7		236-17	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-58367		246-5	1		
151-58369		236-21	1		
151-58370		236-22	1		
151-58372		246-6	1		
151-58373		226-40	1		
151-58373-3		226-43	1		
151-58374		226-45	1		
151-58374-3		226-48	1		
151-58375-3		226-46	1		
151-58375-5		226-41	1		
151-58376		236-18	1		
151-58380		226-32	1		
151-58381		226-27	1		
151-58383		113-6	1		
151-58385		236-23	1		
151-58386		144-19	1		
151-58388		236-16	1		
151-58409		221-21	1		
151-58497		226-51	REF		
		228-1	1		
151-58499		228-3	1		
151-58500		228-4	1		
151-58501		228-8	1		
151-58504		403-29	1		
151-58520		222-11	1		
151-58524		222-2	2		
		403-19	1		
151-58525		221-15	1		
		222-3	2		
		403-18	1		
151-58539		222-13	1		
151-58561		226-30	1		
151-58562		226-39	1		
151-58562-11		226	1		
151-58627-1		83-24	1		
		83-26	1		
		87	REF		
151-58627-2		83	1		
		87	REF		
151-58627-3		83	1		
		87	REF		
151-58627-4		83	1		
		87	REF		
151-58628-3		78	REF		
		83-9	1		
151-58628-5		78	REF		
		83	1		
151-58628-6		78	REF		
		83	1		
151-58628-8		78	REF		
		83	1		
151-58629-1		83-2	1		
		88	REF		
151-58629-2		83	1		
		88	REF		
151-58629-5		83	1		
		88	REF		
151-58629-6		83	1		
		88	REF		
151-58630		216-2	1		
		221	REF		
151-58630-10		216	1		
		221	REF		
151-58630-20		216	1		
		221	REF		
151-58630-3		221-30	1		
151-58630-30		216	1		
		221	REF		
151-58633-7		216-3	1		
		222	REF		
151-58633-9		216	1		
		222	REF		
151-58635-3		226-1	1		
		227-36	REF		
151-58641-11		255	1		
		260	REF		
151-58641-12		239	1		
		260	REF		
151-58641-3		260-22	1		
151-58641-5		255-19	1		
		260	REF		
151-58641-6		239-16	1		
		260	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-58641-7		255	REF		
		260	REF		
151-58641-8		239	REF		
		260	REF		
151-58644-1		277	REF		
151-58644-11		262-12	1		
		277	REF		
151-58644-12		262-13	1		
		277	REF		
151-58644-9		277	REF		
151-58645		216-1	1		
		218-27	REF		
		219	REF		
151-58645-3		216	1		
		219	REF		
151-58673-3		235	REF		
		236-34	1		
151-58679		218-25	REF		
151-58679-10		216-8	1		
		223	REF		
151-58679-15		216	1		
		223	REF		
151-58801-37		218-18	1		
151-58801-39		217-2	1		
151-58801-41		217-14	1		
151-58801-7		218-22	1		
151-58804-55		219-5	1		
151-58804-57		219-6	1		
151-58804-71		218-16	1		
151-58809-35		84-20	1		
151-58809-37		84-21	1		
151-58809-39		84-23	1		
151-58809-5		87-5	1		
151-58809-55		84-19	1		
151-58809-7		87-6	1		
151-58810-35		84	1		
151-58810-37		84	1		
151-58810-39		84	1		
151-58810-5		87	1		
151-58810-55		84	1		
151-58810-7		87	1		
151-58825-63		403-27	1		
151-58825-65		403-28	1		
151-58828-35		218-10	1		
151-58828-51		217-25	1		
151-58828-57		217-15	1		
151-58828-61		217-6	1		
151-58828-65		217-13	1		
151-58828-67		217-24	1		
151-58828-69		217-23	1		
151-58828-73		217-18	1		
151-58828-77		218-9	1		
151-58831-31		84-1	1		
151-58831-39		84-22	1		
151-58831-41		84-14	1		
151-58831-43		84-16	1		
151-58831-45		84-15	1		
151-58831-55		84	1		
151-58831-61		84	1		
151-58831-65		84	1		
151-58831-67		84	1		
151-58831-69		84	1		
151-58831-7		218-23	1		
151-58832-37		222-12	1		
151-58832-41		217-3	1		
151-58832-45		217-11	1		
151-61013-11		134-1	1		
151-61013-12		134-2	1		
151-61013-21		134	1		
151-61013-22		134	1		
151-61014-11		134-3	1		
151-61014-12		134-4	1		
151-61014-21		134	1		
151-61014-22		134	1		
151-61015-11		134-5	1		
151-61015-12		134-6	1		
151-61015-21		134	1		
151-61015-22		134	1		
151-61016-1		128-32	1		
151-61016-2		128	1		
151-61030-3		144-28	2		
151-61030-4		144	2		
151-61030-5		144-22	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-61030-6		144	1		
151-61032		348	NP		
		350	NP		
151-61035-1		124-3	1		
151-61035-2		124	1		
151-61036		124-1	2		
151-61036-1		124	1		
151-61036-2		124	1		
151-61037-1		124-13	1		
151-61037-2		124	1		
151-61038-10		124	1		
151-61038-3		124-15	1		
151-61039-10		124	1		
151-61039-3		124	1		
151-61040		124-17	1		
151-61041		124	1		
151-61042		124-27	1		
151-61042-10		124	1		
151-61043		124-25	1		
151-61043-3		124	1		
151-61044		124-23	1		
151-61045		124	1		
151-61045-3		124	1		
151-61046		124	1		
151-61046-3		124	1		
151-61047		124-21	1		
151-61048		124	1		
151-61049-1		124-19	1		
151-61049-2		124	1		
151-61050-7		124-5	1		
151-61050-8		124	1		
151-61051-1		124-7	1		
151-61051-2		124	1		
151-61052-1		124-9	1		
151-61052-2		124	1		
151-61053-1		124-11	1		
151-61053-2		124	1		
151-61060-3		350-8	1		
151-61061-3		350	1		
151-61074		114	NP		
		124	NP		
151-61074-10		114	NP		
		124	NP		
151-61077-1		350-14	1		
151-61077-2		350	1		
151-61078-1		350-15	1		
151-61078-2		350	1		
151-61079-1		350-20	2		
151-61079-2		350	2		
151-61080-41		350-19	2		
151-61080-42		350	2		
151-61082-41		350-13	1		
151-61082-42		350	1		
151-61084-1		350-18	1		
151-61084-2		350	1		
151-61086-1		125-12	1		
151-61086-2		125-13	1		
151-61088-1		125-15	1		
151-61088-2		125-16	1		
151-61089-1		125-4	1		
151-61089-2		125-5	1		
151-61090		146-63	1		
151-61091-1		125-6	1		
151-61091-2		125-7	1		
151-61092-1		125-24	1		
		126-28	1		
151-61092-2		125-25	1		
		126-29	1		
151-61093		125-30	1		
151-61094-3		125-18	1		
151-61094-6		125-19	1		
151-61095-1		348-3	1		
151-61095-2		348	1		
151-61095-3		348-4	1		
151-61095-4		348	1		
151-61095-5		348-5	1		
151-61095-6		348	1		
151-61096		125-21	1		
151-61097		125-22	1		
151-61098		125-9	1		
151-61099		125-10	1		
151-61100-1		125-27	1		
151-61100-2		125-28	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-61100-3		125	1		
151-61101-1		125-32	1		
151-61101-2		125	1		
151-61102		125-35	1		
151-61103		125-39	1		
151-61104		125-37	1		
151-61105		349-22	1		
151-61108		125-1	1		
151-61109		125-2	1		
151-61110-1		348-24	1		
		349	REF		
151-61110-11		348	1		
		348-25	2		
		349	REF		
151-61110-12		348	3		
		349	REF		
151-61110-2		348	1		
		349	REF		
151-61172		357-11	2		
151-61180-1		357-10	1		
151-61180-2		357	1		
151-61196		357-12	4		
151-63001		478	1		
151-63002-40		471	1		
		478	NP		
151-63005-41		478-29	REF		
151-63005-42		478	REF		
151-63015-51		478-29	1		
151-63015-52		478	1		
151-63016		478-33	1		
151-63017		478-36	1		
151-63018		478-32	1		
151-63019		478-38	1		
151-66018		357-20	1		
151-66019		357-27	1		
151-66020		357-26	1		
151-66021		357-24	1		
151-66022		357-25	1		
151-66023		357-21	1		
151-66024-10		129-16	1		
151-68001		482	1		
151-68004-5		477-14	1		
151-68008		477-10	REF		
151-68010		477-2	8		
151-68029		482-11	1		
151-68030		482-12	1		
151-68031		482-22	1		
151-68032-1		482-2	REF		
151-68032-2		482	REF		
151-68032-3		482-2	REF		
151-68032-4		482	REF		
151-68032-5		482-2	8		
151-68032-6		482	8		
151-68041		477-22	1		
151-71023		336-16	REF		
151-71026		170-3	1		
151-71037-20		113-25	1		
151-71048		337	1		
		338	1		
		339	1		
151-71054-9		335-25	2		
151-71069		336-24	1		
151-71082		336-12	1		
151-71082-11		336	1		
151-71084		336-29	1		
151-71086		336-33	3		
151-71088		336-27	1		
151-71090		335-35	2		
151-71093		320-8	1		
151-71094		320	1		
151-71097-12		336-19	1		
151-71098		336-22	1		
151-71098-5		336-23	1		
151-71099		336-30	1		
151-71113		337-21	REF		
151-71117		336-26	1		
151-7309		342-10	1		
151-73301-60		108	NP		
		374	NP		
151-73318-101		374-26	1		
151-73318-103		374-23	1		
151-73318-105		374-24	1		
151-73318-107		374-17	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
151-73318-113		374-20	1		
151-73318-115		374-46	1		
151-73318-117		375-7	1		
151-73318-119		374-19	1		
151-73318-121		374-21	1		
151-73318-133		374	1		
151-73318-135		374	1		
151-73318-137		374	1		
151-73318-141		374	1		
151-73318-143		374	1		
151-73318-145		374-62	1		
151-73318-147		374-65	1		
151-73318-151		374-66	1		
151-73318-3		374-31	1		
151-73318-5		374-7	1		
151-73318-67		374-44	1		
151-73318-69		374-47	1		
151-73318-7		374-8	1		
		374-30	1		
151-73318-71		374-14	1		
151-73318-73		374-10	1		
151-73318-77		374-11	1		
151-73318-83		374-15	1		
151-73318-85		374-16	1		
151-73318-91		374-50	1		
151-73318-97		374-29	1		
151-73318-99		374-27	1		
151-73323-3		105-8	1		
151-73323-5		105	1		
151-73329-1		374-39	2		
151-73329-2		374-40	2		
151-73331		374-32	2		
151-73331-3		374-34	2		
151-73332		374-38	2		
151-73501-70		108	NP		
		342	NP		
151-73501-80		108	NP		
		342	NP		
151-73507		342-11	1		
151-73509		342-9	1		
151-73570-11		114	1		
151-73570-13		114	1		
151-73570-40		114	1		
151-74053		331	2		
		331A	2		
151-74081		330-34	1		
		341	REF		
151-74081-3		341-6	1		
151-74081-5		341-5	1		
151-74083		330	1		
		341	1		
151-74083-3		341-12	1		
151-74108		341-3	1		
151-89001		482	1		
151-89001-5		482	REF		
151-89001-7		471	1		
151-89001-9		471	1		
1511-1C		393-35	2		
		394-2	1		
15117		83-26	REF		
1516-15-1		272	REF		
1516-15-2		89	REF		
1516-16-13		272	REF		
152-13027-3		6-8	1		
152-13027-4		6-9	1		
152-13028-7		6-10	1		
152-13028-8		6-11	1		
152-14049-4		24	REF		
152-14124-13		14-30	1		
152-14124-14		14	1		
152-14124-15		12	1		
152-14124-16		12	1		
152-14124-5		12-29	1		
152-14124-6		12	1		
152-14176-1		16-6	1		
152-14176-2		16	1		
152-14180-1		24-4	1		
152-14180-2		24	1		
152-15059-3		24-3	REF		
152-18020-3		32-22	1		
		32-26	1		
152-18020-5		32-21	1		
		32-27	1		
152-18020-7		32-24	1		
		32-28	1		
152-18020-9		32-23	1		
		32-29	1		
152-31101		128-1	PEF		
		129	1		
152-31101-100		129	1		
152-31101-101		129	1		
152-31101-150		129	1		
152-31102-40		129-37	1		
152-31102-50		129	1		
152-31102-60		129	1		
152-31104		129-39	1		
		132	REF		
152-31104-11		132-18	1		
152-31104-50		129	1		
		132	REF		
152-31104-7		132-16	1		
152-31104-9		132-17	1		
152-31105		129-2	1		
		131	REF		
152-31105-19		131-39	1		
152-31105-27		131-51	1		
152-31105-53		131-3	1		
152-31105-57		131	1		
152-31105-58		131-14	1		
152-31105-63		131	1		
152-31112		134-43	1		
152-31121-3		115-23	1		
152-31138-300		144-2	1		
152-31138-310		144	1		
152-31139-1		116-4	1		
152-31147-61		114-8	1		
152-31147-62		114	1		
152-31176-3		131-58	1		
152-31178-3		144-33	1		
152-31178-4		144	1		
152-31178-5		144-36	1		
152-31178-6		144	1		
152-31178-7		144-34	1		
152-31178-8		144	1		
152-31180-19		131-29	1		
152-31180-20		131-30	1		
152-31186-10		129	1		
152-31186-7		132-13	1		
152-31186-9		129-44	1		
152-31189-3		144-35	1		
152-31189-4		144	1		
152-31285		108-6	REF		
152-31285-5		158-1	1		
152-31285-6		158	1		
152-31379		108-7	REF		
152-31379-13		159-6	1		
152-31379-14		159	1		
152-31412-101		113	1		
152-31412-71		113-7	1		
152-31412-81		113	1		
152-31412-91		113	1		
152-31420-1		177	1		
152-31420-22		177	1		
152-31519-3		156-9	16		
152-31801-40		108	NP		
		167	NP		
152-31802-21		170-15	1		
152-31802-25		170-57	2		
152-31802-29		170-16	1		
152-31802-39		170-18	1		
152-31802-49		170-56	2		
152-31802-5		170	1		
152-31802-50		167-1	1		
		170	REF		
152-31802-6		170	1		
152-31802-60		167	1		
		170	REF		
152-31802-7		170-17	1		
152-31802-70		168-1	1		
		170	REF		
152-31802-81		168	1		
		170	REF		
		171-1	1		
152-31803-400		170-20	1		
152-31803-500		170	1		
152-31803-51		170-29	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
152-31803-600		170	1		
152-31803-611		170	1		
152-31804		168-49	REF		
152-31804-40		172-19	1		
152-31804-51		172	1		
152-31805-11		177-25	1		
152-31805-12		177	1		
152-31806-10		172-16	1		
152-31806-20		172	1		
152-31808		172-32	2		
152-31809-5		167	1		
		168	1		
152-31809-7		167-5	8		
		168-4	8		
		172-34	4		
152-31810		177-44	2		
152-31810l		174-11	1		
152-31810Z		174-10	1		
152-31810G		173-21	1		
152-31810T-10		173-7	1		
152-31810S		173-8	1		
152-31810Y-10		174-9	1		
152-31811B		170-28	1		
152-31812-29		170-3A	1		
152-31812-50		170-2	REF		
152-31812-67		170-2	1		
152-31812-71		170	1		
152-31812l-3		173-32	1		
152-31812Z-3		173-34	1		
152-31812G		173-35	1		
152-31813		172-36	1		
152-31813O-20		173-22	1		
		174-21	REF		
152-31815-1		172-17	1		
152-31815-11		172	1		
152-31815-12		172	1		
152-31815-2		172	1		
152-31816		172-18	1		
152-31816-10		172	1		
152-31817		172-1	1		
152-31818-30		167-13	1		
		169	REF		
152-31818-5		169-11	1		
152-31819-10		169-28	1		
152-31820		169-43	1		
152-31821		169-36	1		
152-31822		169-21	1		
152-31823		169-27	1		
152-31824		169-42	1		
152-31826-10		169-15	1		
152-31827		169-16	1		
152-31828		169-32	1		
152-31829-3		169-25	1		
152-31830		169-31	2		
152-31831		169-19	1		
152-31832		169-33	1		
152-31837		169-24	1		
152-31838-7		169-26	1		
152-31839-20		177-23	1		
152-31840		177-24	1		
152-31841-20		177-48	1		
152-31844		173-45	1		
152-31845		173-51	2		
152-31847-5		173-47	REF		
152-31848		173-27	1		
152-31850-20		173-24	1		
152-31867		144	1		
152-31868-10		144-3	1		
152-31868-20		144	1		
		168-51	REF		
		173-53	REF		
152-31870		177-4	1		
152-31870-10		175-11	1		
152-31871-23		173-30	1		
152-31871-25		173-29	1		
152-31872		173-39	REF		
152-31876		173-17	1		
152-31877		173-19	1		
152-31878		173-20	1		
152-31878-10		175-10	1		
152-31879		173-33	1		
152-31880-20		174-13	1		
152-31881		174-16	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
152-31883		173-48	1		
152-31884-20		173-49	1		
152-31886-20		173-26	1		
152-31890Z		171	1		
152-31892		172-42	1		
152-31893		177-26	2		
152-31894-20		173-23	1		
152-31896		173-15	1		
152-31898		173-11	1		
		174	1		
152-34121-7		135-3	1		
152-34121-9		135-4	1		
152-34161		115-21	1		
152-34186		135-20	REF		
152-34186-20		135-20	1		
152-34512-11		130	1		
152-34512-7		130-21	1		
152-43039		432-21	1		
152-48083		455-15	1		
152-51064		181-17	1		
152-51064-3		185B-20A	1		
152-52007		193-32	2		
152-52008		193-33	2		
152-52102-5		191-3	1		
152-52104-5		191-6	1		
152-53011-51		361	REF		
		366-1	1		
		367	1		
152-53011-53		361	REF		
		366	1		
		367	1		
152-53011-54		361	REF		
		366	1		
152-53080-10		144	1		
152-53080-20		144-21	1		
152-53336-21		385-32	REF		
152-53336-3		385-34	REF		
152-53336-33		385-35	REF		
152-53336-43		385	REF		
152-53336-5		385-31	REF		
152-53336-9		385-13	REF		
152-53408		172-2	1		
152-53521		177-18	1		
152-53522		177-12	1		
		378-14	1		
152-53523		385-33	1		
152-53524		177-17	1		
152-53525-5		177-13	1		
		378-15	1		
152-53527		177-15	1		
152-53528-29		177-9	1		
152-53528-61		177-8	1		
152-54034		305	1		
152-54034-10		305	1		
152-54106-30		309-16	1		
		310-15	1		
152-54106-40		309	1		
		310	1		
152-54109-10		131-53	1		
152-54109-9		131-55	1		
152-54197		297-20	1		
152-54198		297-21	1		
152-54201-30		93-25	1		
		291	REF		
		292-3	1		
		292-22	1		
152-54201-60		291	REF		
		401-13	1		
152-54201-70		291	REF		
		401	1		
152-54203		291-17	1		
152-54204		291-4	1		
152-54208		291-16	2		
		384-29	REF		
152-61174-5		357-2	2		
152-61175-5		357-3	2		
152-68012-3		477-50	1		
152-71022		336-37	1		
152-71039		336-38	1		
152-73521		342-15	1		
153-71172		335-33	1		
155-16L		63-1	2		
155-25-12		436	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
155-25-6		243	1		
155-25-8		265	1		
		436	REF		
		468	REF		
155S11-12		241-15	2		
155S11-6		107	2		
155S11-6D		263-27	1		
		265-20	1		
155S11-8		241-9	2		
155S2-12		241-26	2		
		241-27	1		
		433-53	REF		
		476-24	REF		
155S2-12D		433-53	1		
		448-46	REF		
		476-24	1		
155S2-6		243	1		
		243-17	1		
		257-11	1		
		436-15	1		
		468-24	1		
155S2-6S		243-18	1		
		243-19	1		
		256	1		
		256-2	1		
155S2-8		243-20	1		
		257-27	REF		
		258	REF		
		259-1	1		
155S2-8D		257-27	1		
		258-23	1		
155S5-12		448-6	1		
		476-25	REF		
155S5-6		476-38	1		
155S9-8		476-37	1		
156-54C69		19	1		
156PLE6		316-37	4		
		316-46	1		
157-138101		31-26	3		
157-14029-11		9-5	2		
157-14029-3		9-3	1		
157-14029-7		9-7	REF		
157-14029-9		9-4	1		
157-16008		34-7	REF		
157-31139-2		116	1		
157-318101		17-18	1		
		19-18	4		
		23-10	1		
		27-15	3		
		28-28	4		
157-49015		356-19	1		
157-49018		356-21	1		
157-49C19		356-10	1		
157-49055		356-29	1		
157-49058		356-36	1		
157-52481		193-13	2		
157-54C89-13		284A-10	1		
		285-9	1		
		311-12	1		
		318-16	1		
		318-18	1		
		326-1	1		
157-54105		279-21	6		
157-54126-7		426-10	1		
157-54127-3		426-12	1		
157-54127-4		426-13	1		
157-54128-5		426-11	1		
157-54328		315	1		
		325-14	1		
157-58413		241	1		
157-58414		241-8	1		
157-58532		241	1		
157-63C06-3		478	1		
157-68060		482-19	8		
157-68C61		482-17	REF		
157-68062		482-18	8		
157-71038		110	1		
		111-39	1		
157-71041		336-2	2		
157-71042		337	2		
157-74010		331-8	1		
		331A-6	1		
157-74011		331-28	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
157-74011		331A-26	1		
157-74012		331-37	1		
		331A-35	1		
157-74013		331-21	1		
		331A-19	1		
157-74017		331-17	1		
		331A-15	1		
157-74018		331-20	1		
		331A-18	1		
157-74019		331-38	1		
		331A-36	1		
157-74020		331-34	2		
		331A-32	2		
		475-4	3		
157-74024-1		331-26	1		
		331A-24	1		
157-74024-2		331	1		
		331A	1		
157-74041		327-11	1		
15776-10SH		130	2		
		156	2		
15776-12SH		130	2		
		156	2		
15794B1		392-17	4		
15794B2		392-18	4		
159-13334-17		9-10	1		
159-42074		109-40	1		
159-48167		294	1		
		305	1		
		323-18	4		
		440-38	8		
		442-15	1		
159-52117-17		209-28	2		
159-52219-3		207-7	1		
159-52220-11		209-27	2		
159-52220-5		209-19	2		
159-53353		162-4	1		
159-54056		429-17	1		
159-54321		429-15	1		
159-54354		429-20	1		
159-54355-3		429-18	1		
159-54355-5		429-16	1		
159-61036		350-10	1		
159-71054		335	REF		
16AS		370-8A	1		
160-54259-3		320-26	1		
161-10005		5-1	1		
161-10005-101		5	1		
161-10005-11		5	1		
161-10005-141		5	1		
161-10005-201		5	1		
161-14414-121		7-22	1		
161-17012		10-8	2		
		10-9	4		
161-17102-1		10-1	1		
161-17102-2		10	1		
161-17103-1		10-2	1		
161-17103-2		10	1		
161-17104-1		10-3	1		
161-17104-2		10	1		
161-17105-1		10-4	1		
161-17105-2		10	1		
161-17169-3		10-7	1		
161-17169-4		10	1		
161-17170		7-50	3		
		18-14	3		
161-21420-3		207-12	2		
161-23310-51		98	1		
		98-12	1		
161-23311		98-15	1		
161-23312-51		98-14	1		
161-23313-23		98-9	1		
161-23313-24		98-10	1		
161-23313-27		98-11	1		
161-23313-51		98	1		
		98-8	1		
161-23410		98-29	1		
161-31006		112-22	1		
161-31051		106-30	1		
161-31226-1		112-4	2		
161-31226-2		112	2		
161-31312-1		159-29	1		
161-31312-2		159	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
161-31367-1		159	1		
161-31367-2		159-20	1		
161-31495		129-27	1		
161-31500-1		129-29	1		
161-31500-2		129-30	1		
161-31689-1		159-30	1		
161-31689-2		159	1		
161-31715		110-25	1		
161-31717		110-26	1		
161-31835		169-9	1		
161-31836		169-14	1		
161-31877		166-19	1		
161-31935		156-1	1		
161-33548		398-30	1		
161-33548-3		398-33	1		
161-42111		437-34	1		
161-42112		437-35	6		
161-42113		160-16	1		
161-43201		442-42	1		
161-48201-101		49-1	1		
		51	1		
161-48201-102		49-2	1		
		51	1		
161-48250-31		51-1	1		
		53	REF		
161-48252		53-1	REF		
161-48252-91		53-1	1		
		60	REF		
161-48253		53-22	REF		
161-48253-151		53	1		
161-48253-51		53-22	1		
161-48259		60-5	REF		
161-48259-3		60-9	1		
161-48259-31		60-5	1		
161-48259-5		60-6	2		
161-48259-7		60-7	2		
161-48266		53-13	REF		
161-48267		53-16	REF		
161-48271-3		60-13	1		
161-48271-5		60-14	1		
161-48273		19-22	1		
		28-16	1		
		40-1	1		
		55-1	1		
161-48274		41-3	REF		
161-48274-11		40-2	1		
		41-3	1		
		55-2	1		
161-48275-3		60-19	2		
161-48275-5		60-18	2		
161-48277-11		59-24	1		
161-48278		53-28	1		
161-48279		53-26	REF		
161-48280		59-19	1		
161-48281		53-27	1		
161-48282		59-41	1		
161-48283		59-8	1		
161-48284		59-7	1		
161-48285		59-6	1		
161-48286		60	1		
161-48298		60-1	1		
161-48298-10		60	1		
161-48298-19		60-2	1		
161-48312		60-33	1		
161-48313		60-35	1		
161-48314-3		60-34	1		
161-48315-1		60-32	1		
161-48315-2		60	1		
161-48321		53-24	1		
161-48322		53-31	1		
		54-52	1		
		59-1	1		
		60-24	1		
161-48323		60-23	2		
161-48326		53-19	1		
161-48327		53-6	1		
161-48328		51-11	REF		
161-48329		53-12	1		
161-48329-51		53	1		
161-48337		51-33	1		
161-48338		51-35	1		
161-48339		59-39	1		
161-48339-3		59-14	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
161-48341		52-12	REF		
161-48341-51		51-3	1		
		52-12	1		
161-48369		55-26	REF		
161-48369-1		27-9	1		
161-48369-2		27	1		
161-48370		27-11	1		
		55-25	REF		
161-51801-47		74-21	1		
161-51801-49		74-22	1		
161-51801-53		74-25	1		
		179-42	REF		
161-51801-57		179-15	1		
161-51801-59		179-9	1		
161-51801-61		179-10	1		
161-51801-67		178-13	1		
161-51801-69		376-6	1		
161-52403		194-47	1		
161-52404		194-46	2		
161-53062-1		370-12	1		
161-53062-2		370	1		
161-53063		366	2		
161-53064-100		363	1		
161-53064-110		363	1		
161-53064-40		363-10	1		
161-53064-50		363	1		
161-53064-60		363	1		
161-53064-80		363	1		
161-53064-90		363	1		
161-54013		131-52	1		
161-54029-10		299-10	1		
161-54037-1		292-35	1		
161-54037-4		292	1		
161-54037-6		292	1		
161-54039		292-36	1		
161-54040		294-25	REF		
161-54040-3		294-24	REF		
161-54042		306-9	1		
161-54045		92-24	1		
161-54057		304-19	1		
161-54058		297-6	1		
161-54093		320-3	1		
161-54094		320-4	1		
161-54102		294	1		
161-54110		306	1		
161-54113-3		278-5	1		
		278-7	1		
161-54114		278-3	2		
161-54114-3		278-5A	1		
161-54116-20		314-18	1		
161-54117-11		278	1		
161-54118-21		278	1		
161-54118-31		278	1		
161-54119		278-2	1		
161-54132		297-15	1		
161-54136		93-6	1		
161-58095		249-13	1		
161-58116-3		225-14	1		
161-58116-4		231-44	1		
161-58117		216-31	1		
		268-3	1		
		271-9	1		
161-58121		226-13	1		
		231-37	1		
161-58122		226-12	1		
		231-36	1		
161-58174-3		225	REF		
		226-14	1		
161-58174-4		231-38	1		
161-58257		238-29	1		
161-58258		238	1		
161-58258-3		238-30	1		
161-58803-65		217-17	1		
161-58804-59		218-24	1		
161-58805-13		217-10	1		
161-58805-15		217-19	1		
161-58827		238-44	1		
161-61033		350	NP		
		357	NP		
161-61056		350-6	2		
161-61060		350-7	2		
161-61070		350-5	2		
161-66001		357	NP		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
161-66001-10		357	NP		
161-66016		129-22	1		
161-66017		129-21	1		
161-67002		356	1		
161-67003		356-31	1		
161-67004		356-32	1		
161-67005		356-13	1		
161-67006		356-12	1		
161-67007		356-37	1		
161-67009		356-34	1		
161-67011		356-35	1		
161-67013		356-30	1		
161-68035		482-16	REF		
161-68035-60		482-16	8		
161-68036		482-20	REF		
161-68703		63-44	2		
161-68704		63-46	2		
161-68705		63-45	2		
161-68706		63-43	2		
161-71005		335-27	1		
161-71007		335-28	1		
161-71010		104-3	1		
161-74034		335-19	1		
161-74035		335-7	1		
		335-18	1		
161-74038		442-16	1		
161-74040		442-9	1		
161-74042		442-20	1		
161-74043		442-22	1		
161-74045		334-7	1		
161-74046		334-17	1		
161-74046-10		334-18	1		
161-74046-21		334	1		
161-74046-3		334	1		
161-74046-31		334	1		
161-74046-5		334	1		
161-74049		334-10	1		
161-74109		332-42	1		
1617C2		287	REF		
		289-2	REF		
		321-6	REF		
		328-14	REF		
165-14056-1		24-11	1		
165-14056-2		24	1		
165-14059-1		31	1		
165-14059-2		31	1		
165-14059-21		31-13	1		
165-14059-22		31	1		
165-14239-1		12-20	1		
		16	1		
165-14239-2		12	1		
		16	1		
165-14325		35-11	2		
165-14393-11		12-22	1		
165-14393-12		12	1		
165-14393-13		12	1		
165-14393-14		12	1		
165-14393-3		12-21	1		
165-14393-4		12	1		
165-14393-5		12	1		
165-14393-6		12	1		
165-14394-1		12	1		
		16	1		
165-14394-2		12	1		
		16	1		
165-14394-41		12	1		
		16	1		
165-14394-42		12	1		
		16	1		
165-14423		7	REF		
165-14423-51		7	REF		
		7-21	1		
165-14490-1		24-13	1		
165-14490-2		24	1		
165-14491-1		24-14	1		
165-14491-2		24	1		
165-14503		7-26	1		
165-14608-1		31-2	1		
165-14608-2		31	1		
165-14609-1		31-1	1		
165-14609-2		31	1		
165-16001-1		7-2	1		
		34	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
165-16001-101		7	1		
		34	REF		
165-16001-102		7	1		
		34	REF		
165-16001-2		7	1		
		34	REF		
165-16002-1		34	1		
165-16002-2		34	1		
165-16003-1		34	NP		
165-16003-11		7	NP		
		34	NP		
165-16003-12		7	NP		
		34	NP		
165-16003-2		34	NP		
165-16004-1		34-31	1		
165-16004-2		34	1		
165-16006-1		34-24	1		
165-16006-2		34	1		
165-16007-1		12-16	1		
		16-33	1		
165-16007-2		12	1		
		16	1		
165-16009		7-11	2		
165-16012		7-6	2		
165-16015-1		34-28	1		
165-16015-2		34	1		
165-16016		34-26	1		
165-16017-1		34-17	1		
165-16017-2		34	1		
165-16018-1		34-21	2		
165-16018-2		34	2		
165-16019-10		34	1		
165-16019-3		34-27	1		
165-16019-4		34	1		
165-16019-5		34-25	1		
165-16019-6		34	1		
165-16019-7		34-20	1		
165-16019-8		34	1		
165-16019-9		34-18	1		
165-16020-1		12-15	1		
		14-23	1		
165-16020-2		12	1		
		14	1		
165-16021-3		34-49	1		
165-16021-5		34-46	1		
165-16021-7		34-44	1		
165-16021-9		34-42	1		
165-16022-1		34-50	1		
165-16022-2		34	1		
165-16023-1		34-36	1		
165-16023-2		34	1		
165-16024-1		34-37	1		
165-16024-2		34	1		
165-16025-1		34-38	1		
165-16025-2		34	1		
165-16026-1		34	1		
		34-45	1		
165-16026-2		34	1		
		34-40	1		
165-16027-1		34-41	1		
165-16027-2		34	1		
165-16028-1		34-39	1		
165-16028-2		34	1		
165-16045-1		34	1		
		34-47	1		
165-16045-2		34	1		
		34-48	1		
165-16046		76	1		
165-16046-3		76	1		
165-16048-1		34-43	2		
165-16048-2		34	2		
165-16055-1		34	1		
165-16055-2		34	1		
165-16056-1		34-29	1		
165-16056-2		34	1		
165-16057-1		34	2		
165-16057-2		34	2		
165-16058-1		34-22	2		
165-16058-2		34	1		
165-16059-1		34	1		
165-16059-2		34	1		
165-16060-1		34-15	1		
165-16060-2		34	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
165-16061-11		34-16	1		
165-16061-13		34	1		
165-16061-3		34-30	1		
165-16061-5		34	1		
165-16061-7		34-23	2		
165-16061-9		34	2		
165-16064-1		76	1		
165-16064-11		76	1		
165-16064-12		76	1		
165-16064-2		76	1		
165-16064-3		76	1		
165-16064-5		76	1		
165-16065-3		12-10	1		
		14-18	1		
165-16065-4		12	1		
		14	1		
165-16067-5		12-7	1		
		14-15	1		
165-16067-6		12	1		
		14	1		
165-16068-7		12-5	1		
		14-13	1		
165-16068-8		12	1		
		14	1		
165-16111		24-12	1		
165-16113		34	1		
165-16120		34-19	1		
165-16169-5		34-8	1		
165-16218-1		34-1	1		
165-16218-2		34	1		
165-18001-101		7-1	REF		
		32	REF		
165-18C01-2		7	REF		
		32	REF		
165-18001-201		7-1	REF		
		32	REF		
165-18C01-22		7	REF		
		32	REF		
165-18001-301		7-1	REF		
		32	REF		
165-18C01-32		7	REF		
		32	REF		
165-21410		97-19	2		
165-22410		100-5	1		
165-22411		100-4	1		
165-31328		109-16	1		
165-31854-1		161-25	1		
165-31854-2		161	1		
165-31875		162-51	1		
165-31876		161-31	1		
165-31877		161-23	1		
165-33350-5		408-19	2		
165-33504		29	1		
165-33510		29-3	2		
165-33512-1		29-47	1		
165-33512-2		29	1		
165-33540-5		29-43	1		
165-33540-6		29	1		
165-33541		29-44	1		
165-34187		135-21	2		
165-34314-5		127	1		
165-34318-5		127-38	1		
165-34320-10		408-16	1		
165-34320-7		408	1		
165-34320-9		408-20	1		
165-34334-5		115-9	1		
165-34361		411-14	1		
165-34367-5		411-29	1		
165-34510-3		405-16	1		
165-34525-5		407-48	1		
165-34528		407-53	1		
165-34529		407-22	1		
165-34530		405-25	1		
165-34688-10		403-43	REF		
		420	REF		
		4878-1	REF		
165-34688-21		403-43	1		
		420	REF		
		4878-1	1		
165-34688-3		420-11	1		
165-34689		420-2	1		
165-34689-11		420-3	1		
165-34690-10		420-5	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR
165-34691-10		420-9	1		
165-34692		420-8	1		
165-34694		420-1	1		
165-34695-10		420	1		
165-34695-3		420-4	1		
165-34697		420-10	1		
165-34749-3		403-6	1		
165-47041		446-6	1		
165-47066		437-14	1		
165-48190-3		50-15	REF		
165-48853		462-15	1		
165-51017-3		74	1		
165-51045-23		73-28	1		
165-51045-3		73-27	1		
165-51056-3		74	1		
165-51056-5		74	1		
165-51091		74-36	1		
165-51092-3		74	1		
165-51098		74-37	1		
165-51099		74	1		
165-51107-11		7-30	1		
		17-30	1		
165-51107-13		7-31	1		
		17-31	1		
165-51107-21		7	1		
		17-28	1		
		27-48	1		
165-51107-3		7	REF		
165-51107-7		7-29	1		
		17-29	1		
165-51107-9		7-55	1		
		17-32	1		
		74-56	REF		
165-51108-3		12-17	1		
		14-24	1		
165-51108-5		12-18	1		
		14-25	1		
		74-55	REF		
165-51109		74-11	2		
		74-20	2		
165-51110		74-12	1		
		74-18	1		
165-51139		180-25	1		
165-51144		74-17	1		
165-51908		14	REF		
165-52008		197-2	REF		
165-52041		269-24	1		
165-52041-29		82-17	1		
165-52041-33		82	1		
165-523109		76-16	1		
165-523128		77-43	1		
165-523183		75-40	1		
165-52321-3		77-38	1		
165-52321-4		77	1		
165-52321-5		77-28	1		
165-52321-6		77	1		
165-52324-5		76-1	1		
165-52324-6		76	1		
165-52326-1		76	NP		
		77-54	NP		
165-52326-2		76	NP		
		77	NP		
165-52328-1		12	1		
		14-26	1		
165-52328-2		12	1		
		14	1		
165-52333-1		14-39	1		
165-52333-2		14	1		
165-52334		75	1		
165-52334-3		75-46	1		
165-52337-13		75-1	1		
165-52337-17		75	1		
165-52337-9		75-1	REF		
165-52346-5		75-43	1		
165-52347-1		12-33	1		
		14-37	1		
165-52347-2		12	1		
		14	1		
165-52354-7		35-12	1		
165-52354-8		35	1		
165-52359-3		76-42	1		
165-52359-4		76	1		
165-52360-1		76-34	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
165-52360-11		76	1		
165-52360-12		76	1		
165-52360-2		76	2		
165-52361		76-41	2		
165-52363-1		76-39	1		
165-52363-2		76	1		
165-52364-1		76-40	1		
165-52364-2		76	1		
165-52397-1		76-14	1		
165-52397-2		76	1		
165-52398		76-13	1		
165-52420		420-6	1		
165-53085		366-61	REF		
		367-33	REF		
165-53085-70		366-61	REF		
165-53101		362-27	1		
165-53102		362-14	1		
165-53103		362-13	2		
165-53112		362-11	1		
165-53336-7		385-41	REF		
165-53409-7		377-16	1		
165-53410		385-14	REF		
		385-38	REF		
165-53479		464-26	REF		
165-53481		464-18	REF		
165-53481-10		464-18	REF		
165-53532-11		377-22	REF		
165-53532-3		382	REF		
		382-18	REF		
165-53532-5		377	REF		
		377-7	REF		
		382	REF		
		385-4	REF		
165-53580		167-15	1		
		168-35	1		
165-53591		382	1		
165-53692		162-53	REF		
165-54112		279-40	3		
165-54152		305-22	1		
165-54152-20		305	1		
165-54223		3408-2	4		
165-54239		291-12	1		
165-54251		296	2		
165-54536		111-40	1		
165-54540		111-32	1		
165-54546		111-26	1		
165-54546-3		111	1		
165-547105		212-4	REF		
165-547105-3		212-4	1		
165-547118		75-24	1		
165-547133		75	1		
165-54757		75-15	1		
165-54757-5		75-22	1		
165-58047-3		234-21	REF		
		274-13	REF		
		275-17	REF		
165-58050-3		261	1		
165-58061-3		276-17	REF		
165-58061-7		276-17	1		
165-58300		239-2	1		
165-58300-3		276-11	1		
165-58321		239-5	2		
165-58321-3		276-12	1		
165-58322		239-7	1		
		276-16	1		
165-58325		239-6	1		
		276-15	1		
165-58400		476-19	1		
165-58705-117		76	1		
165-58705-13		76-17	1		
165-58705-131		76	1		
165-58788-1		77-3	1		
165-58788-2		77	1		
165-58789-1		77-1	1		
165-58789-2		77	1		
165-71059		362-9	1		
		362-19	1		
165-71060		335-48	1		
		362	1		
165-71060-3		362-1	1		
165-71065		362-6	1		
		362-16	1		
165-71070		362-5	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
165-71070-3		362-15	1		
165-74070		334	1		
16501-18		178-37	1		
16501-1C		178-37	REF		
16801		382	1		
16804		382	1		
16805		377	1		
169-31132		127-33	REF		
17-54127-5		283-23	1		
170-10001		4	NP		
		5	NP		
170-13001-31		6	1		
170-13001-51		6	1		
170-13001-61		6	1		
170-13003-21		6	1		
170-13601-41		5-23	1		
		6	REF		
170-13601-51		5	1		
		6	REF		
170-13601-71		5	1		
		6	REF		
170-13601-81		5	1		
		6	REF		
170-13601-91		5	1		
		6	REF		
170-14001		4-4	REF		
170-14001-51		7	REF		
170-14001-52		7	REF		
170-14001-61		7	REF		
170-14001-62		7	REF		
170-14001-81		7	REF		
170-14001-82		7	REF		
170-14002-41		13	REF		
170-14002-42		13	REF		
170-14002-81		13	REF		
170-14002-82		13	REF		
170-14004-31		12	REF		
170-14004-32		12	REF		
170-14004-71		12	REF		
170-14004-72		12	REF		
170-14005-21		11	REF		
170-14005-22		11	REF		
170-14005-51		11	REF		
170-14005-52		11	REF		
170-14009-201		28	REF		
170-14009-202		28	REF		
170-14009-401		28	REF		
170-14009-402		28	REF		
170-14025-11		12	1		
		16-24	1		
170-14025-12		12	1		
		16	1		
170-14025-21		12	1		
		16	1		
170-14025-22		12	1		
		16	1		
170-14115-1		12	REF		
170-14115-101		12	1		
170-14115-102		12	1		
170-14115-2		12	REF		
170-14115-201		12	1		
170-14115-202		12	1		
170-14234-1		12	1		
		16	1		
170-14234-2		12	1		
		16	1		
170-14234-3		16	1		
170-14234-4		16	1		
170-14355		31-5	1		
170-14357-1		31-4	1		
170-14357-2		31	1		
170-14414-21		7	1		
170-14432-1		31-3	REF		
170-14432-11		31-3	1		
170-14432-12		31	1		
170-14432-2		31	REF		
170-14475		31-11	1		
170-14570-11		16	1		
170-14570-12		16	1		
170-14571-1		16	1		
170-14571-2		16	1		
170-14691-1		19-19	4		
		23-12	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
170-14691-1		27-17	3		
		28-30	4		
170-14691-2		19	4		
		23	1		
		27	3		
		28	4		
170-14901-101		2	1		
170-14901-102		2	1		
170-14901-51		2	1		
170-14901-52		2	1		
170-14901-61		2-1	1		
170-14901-62		2	1		
170-14901-81		2	1		
170-14901-82		2	1		
170-20001		96	NP		
170-21001		96-30	1		
		97	REF		
170-21001-51		96	1		
		97	REF		
170-21303-5		97-26	1		
170-21304		97-23	1		
170-21311		97-31	1		
170-21404-3		97-4	1		
170-21404-5		97	1		
		97-4A	1		
170-21408		97-18	2		
170-21415		99	1		
170-21415-3		99-4	1		
170-21416		99-2	1		
170-21417-1		98-48	1		
170-21417-2		98	1		
170-21418		96-42	1		
		99	REF		
170-21419		99-8	1		
170-21422-51		97-14	1		
		102-56	REF		
170-21429-3		97-13	2		
170-21429-5		97-12	2		
170-21430-11		96-33	2		
170-21430-5		96	1		
170-21431		97-24	16		
170-21432-3		97-5	1		
170-21432-5		97	1		
170-21433-5		102-8	2		
170-21434-11		102-24	1		
170-21434-5		102-24	REF		
170-21435		102-6	4		
170-21440		102-7	2		
170-21441		102-49	1		
170-21443		102-54	1		
170-21445-10		102-29	1		
170-21446-11		102-23	1		
170-21446-13		102-48	1		
170-21446-17		102-37	1		
170-21446-19		102-33	1		
170-21446-21		102-22	1		
170-21446-3		102-42	1		
170-21446-9		102-14	2		
170-21447		102-38	1		
170-21448		102-43	1		
170-21449		102-28	1		
170-21450		102-15	1		
170-21450-51		102	1		
170-21451		102-16	1		
170-22001		96-13	2		
		100	REF		
170-22001-51		96	2		
		100	REF		
170-22001-61		96	1		
		100	REF		
170-22001-71		96	1		
		100	REF		
170-22114		100-16	1		
170-22311		100-7	1		
170-22408		100-14	1		
170-22409		100-11	1		
170-22420		100-26	1		
170-22434		100-19	1		
		102-58	REF		
170-22440		100-24	1		
170-22441		100-25	1		
170-23001-101		96	1		
		98	REF		
170-23001-201		96	1		
		98	REF		
170-23001-301		96	1		
		98	REF		
170-23001-51		96-21	1		
		98	REF		
170-23085-1		103-1	1		
170-23085-2		103	1		
170-23085-52		103	1		
170-23110		98-36	1		
170-23111		98-35	1		
170-23111-51		98	1		
170-23416-5		98-33	1		
170-23416-7		96-50	REF		
		98	1		
170-23420		96-45	1		
170-24400		207	1		
170-24400-3		207-19	1		
170-24400-5		207-18	2		
170-25001		96	NP		
		103	NP		
170-25004-101		103-24	1		
170-25004-201		103	1		
170-25009-1		103-25	1		
170-25009-101		103	1		
170-25009-102		103	1		
170-25009-2		103	1		
170-25009-51		103	1		
170-25009-52		103	1		
170-25021-52		103	1		
170-25021-9		103-16	1		
170-25022-2		103	1		
170-25022-51		103-10	1		
170-25026		103-7	1		
170-25027-1		103-21	1		
170-25027-2		103	1		
170-25041-1		103-13	1		
170-25041-2		103	1		
170-25044-1		103	1		
170-25044-2		103	1		
170-31001		106	NP		
170-31001-10		106	NP		
170-31001-20		106	NP		
170-31022		146-25	2		
		148-39	1		
170-31023		146-20	2		
		147-6	3		
		148-38	1		
170-31024		146-22	4		
		148-37	1		
170-31026		106-38	1		
170-31026-5		106-39	1		
170-31057-3		109-36	1		
170-31059-10		106-13	1		
170-31060		106-29	1		
170-31061		109-41	1		
170-31062		109-38	1		
170-31064		109-39	1		
170-31110		131-6	1		
170-31111		131-7	1		
170-31112		131-10	1		
170-31132		114	1		
		144	REF		
170-31148-49		144	1		
170-31148-50		144	1		
170-31148-59		144	1		
170-31148-60		144	1		
170-31148-69		144	1		
170-31148-70		144	1		
170-31148-79		144	1		
170-31148-89		144	1		
170-31158-1		133-20	1		
170-31158-2		133-21	1		
170-31158-3		133-22	1		
170-31158-4		133-23	1		
170-31192-1		133-27	1		
170-31192-2		133-28	1		
170-31196		131-16	1		
170-31199-1		131-11	1		
170-31199-2		131	1		
170-31231		112-2	1		
		130	REF		
		156	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
170-31300		160-11	1		
170-31310-90		159	1		
170-31311		159	1		
170-31312-90		159	1		
170-31320-1		106-7	1		
170-31320-2		106	1		
170-31322-1		106-45	1		
170-31322-2		106	1		
170-31330-201		160	1		
170-31332-3		160	1		
170-31375		160-3	2		
170-31380		106-6	1		
170-31406-35		177	1		
170-31490-3		131-18	1		
170-31601		106-1	1		
		108-1	REF		
170-31602		106-2	REF		
		108-2	1		
170-31776		156	1		
		158	REF		
170-31838		170-24	1		
170-31839-10		170-49	2		
170-31841-11		177-19	2		
170-31841-13		177-20	2		
170-31841-3		177-7	2		
170-31841-5		177-21	2		
170-31841-7		177	1		
170-31841-9		177	1		
170-31847		173-47	1		
170-31872		173-39	1		
170-31902-101		107A	1		
170-31902-201		107A	1		
170-31902-301		107A	1		
170-31902-81		107A-1	1		
170-31902-91		107A	1		
170-33550		399-1	1		
170-33610		193-44	1		
170-34309-3		416-6	1		
170-39030		159	1		
170-42030		464-30	2		
170-43001		432	NP		
170-43005		432-11	1		
		439	REF		
170-43005-5		432	1		
		439	REF		
170-43005-7		432	1		
		439	REF		
170-43059		439	REF		
		439-14	1		
		440-14	REF		
		442	REF		
170-48062		454-29	1		
170-48125		39-5	REF		
170-48125-11		39-5	1		
170-48136		157-24	1		
		450-43	REF		
170-48166		454-36	1		
170-48166-11		456-22	1		
170-48166-7		456	1		
170-48202-1		23	NP		
		55	NP		
170-48202-2		23	NP		
		55	NP		
170-48204		48-9	1		
170-48302		51-13	1		
		52-8	1		
170-48303		51-18	REF		
		52-6	REF		
170-48304-1		51-14	REF		
170-48304-2		51	REF		
170-48305-1		51-19	1		
170-48305-2		51	1		
170-48306-1		51	1		
170-48306-2		51	1		
170-48307		51	1		
170-48308-10		56-22	1		
170-48308-5		51-25	1		
170-48310		60-8	1		
170-48311		51	REF		
170-48312		51-19A	1		
		51-36	1		
170-48313-5		51-14	1		
		52-23	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
170-48313-6		51	1		
		52	1		
170-48314-3		51-18	1		
170-48314-5		52-6	1		
170-48807		55-8	1		
170-48808		55-23	1		
170-48814-3		55-6	1		
170-48814-4		55-4	1		
170-48814-5		55	1		
170-48814-54		55-15	1		
170-48854		459-42	1		
170-48854-31		180-33	REF		
		459-42	REF		
		460-25	1		
170-51003-20		181-1	1		
170-51004-11		186	1		
170-51004-30		186-22	1		
170-51005-30		178-2	1		
		181	REF		
170-51007		73-8	REF		
170-51007-10		73	REF		
170-51010		180-13	REF		
170-51010-10		180	REF		
170-51011		179-23	REF		
170-51012		179-32	1		
		180-36	REF		
170-51012-10		179	1		
		180	REF		
170-51012-20		179	1		
		180	REF		
170-51012-31		179	1		
		180	REF		
170-51013		6	NP		
		73	NP		
170-51015		184-3	REF		
		184-4	1		
170-51016		184-6	1		
170-51024-1		186-20	1		
170-51024-2		186-21	1		
170-51031		108	NP		
		178	NP		
170-51085-10		187	1		
170-51090		161-32	REF		
170-51098-10		180	1		
170-51102		178-29	1		
170-51103		74	1		
170-51103-3		74-27	1		
170-51103-5		74-27A	1		
170-51104-1		73-10	1		
170-51104-2		73	1		
170-51105		73-2	1		
170-51105-3		73-4	1		
170-51106		73-7	1		
170-51110		185A-60	1		
		185C-33	1		
170-51112		185A-61	1		
		185C-40	1		
170-51114		74	NP		
170-51174-3		376-5	1		
170-51174-5		179-45	REF		
		376-1	1		
170-51801-13		178-9	1		
170-51801-17		178-10	1		
170-51801-23		179-44	REF		
		180-39	REF		
		376-10	1		
170-51801-25		376-12	1		
170-51801-33		179-20	1		
170-51801-39		74-23	1		
170-51801-43		178-5	1		
170-51801-45		178-6	1		
170-51801-47		178-8	1		
170-51801-49		178-7	1		
170-51801-51		178-14	1		
170-51801-53		178-15	1		
170-51801-55		179-14	1		
170-51801-57		74-26	1		
		179-43	REF		
170-51801-59		179-21	1		
170-51801-61		178-16	1		
170-51801-63		178-12	1		
170-51801-65		178-11	1		
170-51801-67		178	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
170-51801-69		180-38	REF		
170-51801-71		180-38	REF		
		376	1		
170-51801-73		74-24	1		
170-51801-75		74	1		
170-51801-77		74	1		
170-51801-79		74	1		
170-51801-81		74	1		
170-52001		209	NP		
170-52002		202-14	1		
170-52005		202-17	1		
170-52007-3		202-19	1		
170-52007-5		202-20	1		
170-52008-11		202-8	2		
170-52008-13		202-9	2		
170-52009-5		202-15	1		
170-52010		102-57	REF		
170-52011		202-18	1		
170-52013		6	NP		
		75	NP		
170-52014-1		77	NP		
170-52014-2		77	NP		
170-52020		177-22	1		
170-52022-1		159	NP		
170-52022-2		159	NP		
170-52023-1		159	1		
170-52023-2		159	1		
170-52031		108	NP		
		190	NP		
170-52032		202	NP		
170-52033		192-16	1		
170-52035-3		202-10	8		
170-52035-5		202-11	4		
170-52035-7		202-12	2		
170-52101		190-43	1		
		191	REF		
170-52101-11		190	1		
		191	REF		
170-52101-3		191	1		
170-52103		191-12	1		
170-52201		190-11	2		
170-52202		202-2	1		
170-52203		190-13	1		
170-52204		156-17	1		
170-52205		202-34	2		
170-52207-3		203-22	1		
170-52207-5		203	1		
170-52207-7		204	1		
170-52207-9		204-14	1		
170-52208		202-35	1		
		203	REF		
170-52209		207-6	1		
170-52209-3		207-8	1		
170-52209-5		207	1		
170-52209-7		207	1		
170-52210		203-15	1		
170-522103		198-23	2		
		201-25	2		
170-522104-5		198-22	1		
		201-8	1		
170-522109		177	2		
170-52211		190-1	1		
170-52211-11		190	1		
170-52211-3		190-6	1		
170-52211-5		190	1		
170-52211-7		190	1		
170-52211-9		190	1		
170-522110-5		208-18	1		
170-522110-7		208-27	1		
170-522117		208-8	1		
170-52212		199-5	1		
170-522123		208-1	1		
170-522124		208-9	1		
		208-17	1		
170-522125		208-12	1		
170-52213		202-5	1		
170-522137-9		200-3	REF		
170-52215		202-3	1		
170-52217		199-27	1		
170-52219		198-43	1		
		199	REF		
170-52220		199-29	1		
170-52221		203-20	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
170-522217		200-9	1		
170-52222		201-32	REF		
170-522220-3		200-7	1		
170-52223		198-41	1		
		201	REF		
		201-35	1		
170-52223-5		198-24	1		
170-522234		199-28	1		
		200	REF		
170-522235		200-8	1		
170-522236		200-5	1		
170-522237		200-1	1		
170-522238		200-2	1		
170-522239		198-31	1		
170-52224-5		198-28	REF		
170-52224-7		198-28	1		
170-522240		200-6	1		
170-522241		200-4	1		
170-522242		198-8	1		
170-522244		198-14	1		
170-522245		200-3	1		
170-522246		199-9	1		
170-522247		199-7	1		
170-522248		199-8	1		
170-522249		199-11	1		
170-52225-5		190-30	1		
		198	REF		
170-522250		199-10	1		
170-522253		204-11	1		
170-522254		204	1		
170-522254-3		204-6	1		
170-522255		208	1		
170-522255-5		208	1		
170-522256		199-25	1		
170-522258		198-38	1		
170-52226-5		198	1		
170-52226-7		198-13	1		
170-522271		190-2	1		
170-522281		190-32	1		
170-522281-3		190	1		
170-522284		190-40	1		
170-52230		198-27	2		
170-52232		202-4	1		
170-52233		190-12	1		
170-52234		198-11	1		
170-52235		203-26	1		
170-52236		199-20	1		
170-52237		199-17	1		
170-52238-3		198-7	1		
170-52239-5		198-37	1		
170-52240		199-15	1		
170-52241-3		198-6	1		
170-52246		198-32	1		
170-52247		201-23	REF		
170-52250		199-2	1		
170-52251		199-3	1		
170-52252		199-26	1		
170-52253		199-16	1		
170-52254		190-16	2		
170-52255		190-17	2		
170-52260		207-4	1		
170-52261		207-5	1		
170-52262		207-3	1		
170-52263		203	1		
170-52263-3		203-12	1		
170-52287-1		208-22	1		
170-52287-2		208-23	1		
170-52288		207-33	1		
170-52293		207-34	1		
170-52294-1		202-39	1		
170-52294-2		202-40	1		
170-52295		202-41	1		
170-52296		202-42	1		
170-52297-1		202-43	1		
170-52297-2		202-44	1		
170-52302		197-49	REF		
170-52304		75-49	REF		
		209-4	1		
170-52304-5		209-9	1		
170-52311		77-48	1		
170-52312		77-46	1		
170-523145		76-37	2		
170-52319		75-50	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
170-52319		209-16	1		
170-52319-5		209-20	1		
170-52320		75-14	1		
170-52322		75-10	REF		
170-52323		75-51	REF		
		209-24	1		
170-52323-5		209-29	1		
170-52331		197-42	1		
170-52403		207-20	1		
170-52406		96-11	2		
170-52407		96-10	1		
170-52408		96-12	1		
170-52429		114-3	1		
170-52435		207-35	1		
170-53001		108	NP		
		363	NP		
170-53001-50		108	NP		
170-53009-10		363-1	1		
		366	REF		
		367	REF		
170-53009-30		363	1		
		366	REF		
		367	REF		
170-53011		370	2		
170-53012		362-26	1		
170-53015-1		366	1		
		367	1		
170-53015-2		366	1		
		367	1		
170-53016		366-56	2		
		367-32	2		
170-53017		366-73	1		
170-53017-50		366	1		
170-53017-60		366	1		
		367-37	1		
170-53018		366-44	2		
		367	2		
170-53019		366-20	1		
		367-6	1		
170-53020		366-23	1		
		367-9	1		
170-53022		370-55	1		
170-53031		363-21	REF		
170-53031-11		363-21	1		
170-53032-1		363-20	1		
170-53032-2		363-20	1		
170-53036		366-77	1		
		367-38	1		
170-53037-10		370-36	1		
170-53037-3		370-44	2		
170-53037-5		370-45	2		
170-53037-9		370-37	2		
170-53041-3		359-34	1		
		361-35	1		
170-53042		366-43	1		
		367-27	1		
170-53043-21		367-35	1		
170-53043-22		367	1		
170-53045		370-38	1		
		371-38	1		
170-53046		359-35	1		
170-53046-1		361	1		
170-53046-2		361-24	1		
170-53047-1		366-55	1		
		367-31	1		
170-53047-2		366	1		
		367	1		
170-53052		366-54	1		
		367-30	1		
170-53053		370-16	2		
170-53055-3		370-25	1		
170-53055-5		370-26	1		
170-53056		370-11	2		
170-53057		370-30	1		
170-53058-5		370-22	1		
170-53058-6		370	1		
170-53058-7		370-23	1		
170-53061		370-8	1		
170-53062		366-74	REF		
170-53062-10		366-74	REF		
170-53063		363-9	1		
170-53065-11		342-12	1		
170-53065-2		342-14	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
170-53065-20		342	1		
170-53065-31		342	1		
170-53065-32		342	1		
170-53067-1		366-71	1		
		367-36	1		
170-53067-2		366-72	1		
		367	1		
170-53075		471	NP		
170-53075-50		471	NP		
170-53078		471	REF		
170-53083		363-19	1		
170-53083-50		363	1		
170-53084-1		363-22	1		
170-53084-2		363-22	1		
170-53101		363-24	1		
170-53101-10		363	1		
170-53118		370-39	1		
170-53158-3		370-5	1		
170-53158-4		370	1		
170-53158-5		370	1		
170-53158-6		370	1		
170-53163		370	1		
170-53163-21		370	1		
170-53298-7		436-54	2		
170-533335-16		377-34	1		
170-53334		386-7	1		
170-53335-43		386-6	1		
170-54014-1		92	NP		
170-54014-2		92	NP		
170-54031		108	NP		
		278	NP		
		279	NP		
170-54039		309-34	1		
		310	1		
170-54041		325-24	4		
170-54042		325-26	2		
170-54048		313-15	1		
170-54048-10		313	1		
170-54048-30		313	1		
170-54055-30		279-34	1		
170-54055-40		282	REF		
170-54056-30		282-42	1		
170-54056-40		282	1		
170-54058-3		282-39	1		
170-54058-5		282-40	1		
170-54062-10		282-41	1		
170-54068-30		295-1	1		
		302	REF		
170-54068-40		295	1		
		302	REF		
170-54068-50		295	1		
		302	REF		
170-54068-70		295	1		
		302	REF		
170-54068-80		295	1		
		302	REF		
170-54068-90		295	1		
		302	REF		
170-54069-20		278-34	1		
170-54070-30		302-9	1		
170-54070-40		302	1		
170-54070-50		302	1		
170-54070-60		302	1		
170-54070-70		302	1		
170-54071		316-20	1		
		323	REF		
170-54072		323-11	1		
170-54073		323-5	1		
170-54074		323-20	1		
170-54075		323-19	4		
		440-37	4		
170-54076		323-9	1		
170-54077		94-25	1		
170-54079		129-8	1		
170-54080		295-8	1		
170-54080-10		295	1		
170-54080-20		295	1		
170-54089		131-15	1		
170-54090		311	1		
		326	1		
170-54095		295	1		
170-54104-30		309	1		
170-54104-40		309	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
170-54131		108	NP		
		325	NP		
170-54212		160-35	2		
170-54231		108	NP		
		313	NP		
170-54436-3		309-22	1		
170-54436-5		309-31	1		
170-54437		309-24	1		
170-54438		309-28	1		
170-54439		309-30	1		
170-54440		309-23	1		
170-54441		309-27	1		
170-54443		131-13	1		
		279-44	REF		
170-54763		75-26	1		
170-54763-10		384-29	1		
170-58010		273-8	REF		
170-58010-3		273-8	1		
170-58050		253-19	1		
170-58051-3		238	1		
170-58051-5		238	1		
170-58060		108	NP		
		236	NP		
170-58063-1		83	NP		
170-58063-2		83	NP		
170-58115		214-3	1		
170-58127		159-22	1		
170-58128		159-23	1		
170-58156-3		233-28	1		
170-58156-5		233-29	1		
170-58156-7		233-30	1		
170-58165		251-31	1		
170-58173-11		252-4	1		
170-58173-7		252	1		
170-58173-9		252	1		
170-58202-3		238-28	1		
170-58237		238-38	1		
170-58237-3		238	1		
170-58240		238-43	1		
170-58241		238-41	1		
170-58243-3		226-35	1		
170-58243-5		226-36	1		
170-58243-7		226-37	1		
170-58243-9		226-38	1		
170-58247		238-39	1		
170-58249		160	1		
170-58257		84-28	1		
170-58258-3		436-53	2		
170-58636-3		79	REF		
		83-1	1		
		85-25	REF		
170-58636-5		79	REF		
		83	1		
170-58637-3		79	REF		
		83	1		
		85	REF		
170-58637-5		79	REF		
		83	1		
170-58639-11		252	REF		
		255	1		
170-58639-4		239-19	1		
		252	REF		
170-58639-5		216-23	1		
		252	REF		
170-58639-7		252	REF		
		255-13	1		
170-58639-8		239	1		
		252	REF		
170-58639-9		216	1		
		252	REF		
170-58640		239-10	1		
		244-31	REF		
		249	REF		
170-58640-10		239	1		
		249	REF		
170-58643-1		255-12	1		
		271	REF		
170-58643-2		239-13	1		
		271	REF		
170-58643-5		255	1		
		271	REF		
170-58643-6		239	1		
		271	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
170-58645		216-9	1		
		218-26	PEF		
		224	PEF		
170-58645-3		216	1		
		224	PEF		
170-58650-5		239-20	1		
		253	PEF		
170-58651-11		236	1		
		238	PEF		
170-58651-7		236-1	1		
		238	PEF		
170-58651-9		236	1		
		238	PEF		
170-58656-13		255	1		
		273	PEF		
170-58656-5		262-26	1		
		273	REF		
170-58656-7		255-17	1		
		273	REF		
170-58706-11		96	1		
170-58706-13		96	1		
170-58706-131		96	1		
170-58706-7		96-48	1		
170-58729		202-13	2		
170-58786		96-49	1		
170-58799-61		206-2	1		
170-58799-63		206-1	1		
170-58799-65		206-6	1		
170-58799-67		206-5	1		
170-58799-73		206-7	1		
170-58799-75		206-8	1		
170-58799-77		206-9	1		
170-58799-79		206-10	1		
170-58801-49		84	1		
170-58801-51		78-6	1		
170-58801-55		84	1		
170-58801-57		84-4	1		
170-58801-59		84-2	1		
170-58801-63		85	1		
170-58801-65		85	1		
170-58802-19		85-19	1		
170-58802-21		85	1		
170-58802-23		85-20	1		
170-58802-25		85	1		
170-58802-27		85-16	1		
170-58802-29		85-14	1		
170-58802-3		85-22	1		
170-58802-31		85	1		
170-58802-5		85	1		
170-58802-53		85-2	1		
170-58802-55		85-1	1		
170-58802-57		85-3	1		
170-58802-59		85-4	1		
170-58802-63		85	1		
170-58802-7		85-21	1		
170-58802-77		85	1		
170-58802-9		85	1		
170-58803-19		86-28	1		
170-58803-23		86-21	1		
170-58803-25		86	1		
170-58803-3		80-1	1		
170-58803-45		86-3	1		
170-58803-5		80-2	1		
170-58803-51		86-25	1		
170-58803-53		86-18	1		
170-58803-57		86-19	1		
170-58803-63		86	1		
170-58803-65		86-14	1		
170-58803-69		78	1		
170-58803-7		80-5	1		
170-58803-71		86-24	1		
170-58803-79		217-20	1		
170-58803-9		80-4	1		
170-58804-29		227-30	1		
		232-40	REF		
170-58804-31		227-35	1		
		232-39	REF		
170-58804-33		227-32	1		
170-58804-35		227-28	1		
170-58804-41		232-33	1		
170-58804-43		232-34	1		
170-58804-45		232-32	1		
170-58804-53		227-13	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
170-58804-57		227-15	1		
170-58804-59		227-16	1		
170-58804-61		227-17	1		
170-58804-67		227-10	1		
170-58804-69		227-11	1		
170-58804-71		227-12	1		
170-58805-31		232-8	1		
170-58805-35		232-10	1		
170-58805-61		227-4	1		
170-58805-63		227-6	1		
170-58805-65		227-2	1		
170-58807-27		218-8	1		
170-58807-29		218-21	1		
170-58807-31		218-20	1		
170-58814-19		265-14	1		
170-58814-35		263-16	1		
170-58814-49		263-12	1		
170-58814-51		263-13	1		
170-58814-57		263-14	1		
170-58814-61		264-14	1		
170-58815-13		84-27	1		
170-58815-5		84-25	1		
170-61027		351-68	1		
170-61028		351-69	1		
170-61029-11		351-30	1		
170-61029-13		351-12	1		
170-61029-15		351-60	1		
170-61029-21		351-53	1		
170-61029-25		351-58	1		
170-61029-27		351-70	1		
170-61029-29		351-40	1		
170-61029-3		351-14	1		
170-61029-31		351-43	1		
170-61029-33		351-56	1		
170-61029-35		351	1		
170-61029-37		351	1		
170-61029-5		351-37	1		
170-61029-7		351-62	1		
170-61029-9		351-21	1		
170-61030		350	NP		
170-61031		116-5	1		
170-61032		116-6	1		
170-61033		351-20	1		
170-61034		351-52	2		
170-61611		343-15	1		
170-61612		343-11	1		
170-63205-11		63-16	1		
170-63205-12		63	1		
170-63206		63-23	1		
170-63207		63-20	1		
		67-24	1		
170-63208		63-21	1		
170-63209		63-22	1		
170-63210		63-25	2		
170-63211		63-27	1		
170-63212		63-28	1		
		67-31	1		
170-63222		478-21	1		
170-68002		477	REF		
		482-1	8		
170-68004		477-3	1		
170-68004-3		477-6	1		
170-68005		477-65	1		
170-68006		477-68	1		
170-68007		477-67	1		
170-68009		477-66	1		
170-68010		477-63	1		
170-68011		477-7	1		
170-68701-10		61	NP		
170-68701-30		61	NP		
170-68701-40		61	NP		
170-68701-50		61	NP		
170-68702		63	1		
170-68704		63-10	2		
170-68705		63-8	2		
170-68706		63-9	2		
170-68707-11		68	REF		
170-68707-12		68	REF		
170-68707-15		68	REF		
170-68707-16		68	REF		
170-68707-21		63-41	3		
		68	REF		
170-68707-22		63	3		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
170-68707-22		68	REF		
170-68707-23		63	1		
		68	REF		
170-68707-24		63	1		
		68	REF		
170-68707-9		68	1		
170-68708-1		68-27	1		
		69-12	1		
170-68708-2		68	1		
		69	1		
170-68710		68-26	1		
		69-22	1		
170-68711		68-24	1		
		69-19	1		
170-68712-1		68-17	3		
170-68712-2		68	3		
170-68712-5		68	1		
170-68712-6		68	1		
170-68712-7		69-13	1		
170-68712-8		69	1		
170-68713		68-6	1		
170-68714		68-4	1		
170-68715		68-5	1		
170-68716		28	1		
170-68717		28	1		
170-68718		28	1		
170-68719		28-32	1		
170-68720		61-44	1		
		62-36	1		
170-68721		112-6	1		
170-68723-10		61-25	1		
		62-18	1		
170-68724		61-31	1		
		62-29	1		
170-68728		72-7	1		
170-68730		61-1	1		
170-68731		61-3	1		
170-68732		61-2	1		
170-68736		61-34	1		
		62-30	1		
170-68737		61-33	1		
		62-31	1		
170-68738		61-32	1		
170-68740		63-37	2		
170-68741		28-33	1		
170-68742		61-40	1		
		62-41	1		
170-68743		63-15	2		
170-68744		63	1		
170-68746		77-39	1		
170-68748		61-50	1		
170-68749		63-2	1		
170-68750		72-23	1		
170-68751-3		61-49	1		
		62-16	1		
170-68751-5		61-9	1		
		62-17	1		
170-68754		63-34	1		
		67-37	1		
170-68755		63-33	1		
		67-38	1		
170-68756		63-35	1		
170-68756-10		63	1		
		67-39	1		
170-68757		63-36	1		
		67-36	1		
170-68758		63-29	2		
170-68758-10		63	1		
		67-32	2		
170-68759		63-14	2		
170-68767		63-32	1		
		67-35	1		
170-68768		63-30	1		
		67-34	1		
170-68786		63	1		
170-68787		63	1		
170-71001		337	NP		
		338	NP		
		340	NP		
170-71031		108	NP		
		335	NP		
170-73071		471-9	1		
170-73073		471-25	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
170-74013		333-26	2		
170-74013-3		333	2		
170-74014		330-25	1		
170-74014-3		330-30	1		
170-74017-10		331-1	1		
170-74019		332-25	1		
		332-32	1		
		332-43	1		
170-74020		332-24	1		
		332-31	1		
170-74021-1		332-50	1		
170-74021-2		332-51	1		
170-74022		129-11	1		
170-74023		332-49	1		
170-74024		131-5	1		
170-74026-1		331-27	1		
		331A-25	1		
170-74026-2		331	1		
		331A	1		
170-74027-2		131-12	1		
170-74029		330-17	1		
170-74030		131-21	1		
170-74031		108	NP		
		330	NP		
170-74032		330-16	1		
170-74033		128-14	1		
170-74038		128-17	1		
170-74039		330-20	1		
170-74040		330	1		
170-74045		332-23	1		
170-74047		332-6	1		
170-74048		282-24	1		
170-74049		332-48	1		
170-74052		330-21	1		
170-74053		330-31	1		
170-74053-10		330	1		
		330-32	1		
170-74056		332-21	1		
170-74058		332-14	1		
170-74059		332-13	2		
170-74060		332-9	4		
170-74062		332-10	1		
170-74064		329-13	1		
		329-15	1		
170-74065		329-19	1		
170-74066		329-11	1		
170-74067-3		131-22	1		
170-74067-4		131-23	1		
170-74068		329-28B	1		
170-74069		331A-44	REF		
170-74072		329-6	1		
170-74073		329-7	1		
170-74076		329-20	1		
170-74081		332-15	1		
170-74082		332-19	1		
170-74083		332-20	1		
170-74084		332-7	4		
170-74085		330-7	1		
170-74085-100		330	1		
170-954436-5		309-31	REF		
171-53103		106	REF		
		363-25	1		
171-53103-21		106	REF		
171-53104		363	4		
171-71172		335	REF		
172-10019		4	REF		
172-10020		4-17	REF		
172-10021-3		4	REF		
172-10021-5		4	REF		
172-10024		4	REF		
172-14049-3		24-3	1		
172-14049-44		24	1		
172-14109-1		23	1		
172-14109-2		23	1		
172-14110		23	1		
172-14225		27-44	1		
172-14240-1		23	1		
		27	REF		
172-14240-2		23	1		
		27	REF		
172-14711-1		23	1		
		27	REF		
172-14711-113		23-1	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-14711-2		23	1		
		27	REF		
172-14711-35		27-50	1		
172-14711-36		27	1		
172-14711-37		27	1		
172-14711-38		27	1		
172-14711-43		23-14	1		
		23-15	3		
172-14711-53		23-13	1		
172-14711-65		23-7	1		
		23-16	1		
172-14711-75		23-5	1		
172-14711-76		23	1		
172-14711-81		23-4	1		
172-14711-82		23	1		
172-14713-1		7	1		
		27-49	1		
172-14713-2		7	1		
		27	1		
172-14713-3		7	1		
		27	1		
172-14713-4		7	1		
		27	1		
172-14714-1		27-22	1		
172-14714-2		27	1		
172-14714-37		27-23	1		
172-14714-41		17-1	1		
		19-1	1		
		27	1		
172-14714-42		17	1		
		19	1		
		27	1		
172-14715		27-27	1		
172-14716		27-26	1		
172-14717		27-36	1		
172-14718-10		27-32	1		
172-14719		27-30	1		
172-14720		27-25	1		
172-14736		12-28	1		
172-14738-1		27-24	1		
172-14738-2		27	1		
172-21100		97-6	4		
172-23002		98	1		
172-23002-51		98	1		
172-23002-61		98	1		
172-23101		98-49	2		
172-23120		98-18	1		
172-23122		98-6	2		
172-23301		98	1		
172-23302		98	1		
172-23302-51		98	1		
172-23330		104-2	REF		
172-23331		98	1		
		104-2	1		
172-23408		98-30	1		
172-23901		98	1		
172-31003		129-13	1		
172-31004		106-3	1		
		109	1		
172-31004-120		106	1		
172-31004-130		106	1		
172-31004-141		106	1		
		109	1		
172-31004-69		109-52	4		
172-31004-99		109-53	1		
172-31005-10		129-15	1		
172-31006		106-33	1		
172-31006-5		106-34	1		
172-31020-1		160-1	1		
172-31020-2		160	1		
172-31026		158	1		
172-31053		106-10	1		
172-31054		106-11	1		
172-31118		114	1		
172-31118-50		114	1		
172-31118-60		114	1		
172-31118-70		114	1		
172-31125-11		114-7	1		
172-31125-2		114	1		
172-31151		112-3	1		
		177	REF		
172-31151-100		112	1		
172-31151-110		112	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-31151-30		112	1		
172-31151-35		112	1		
172-31151-50		112	1		
172-31151-60		112	1		
172-31151-70		112	1		
172-31151-75		112	1		
172-31151-80		112	1		
172-31151-85		112	1		
172-31151-90		112	1		
172-31203-10		156	1		
172-31203-20		156	1		
172-31203-40		156	1		
172-31203-60		156	1		
172-31205-11		156	1		
172-31205-20		156-22	1		
172-31205-9		156	1		
172-31209		156	1		
172-31209-51		156	1		
172-31219-1		113-22	1		
172-31219-2		113	1		
172-31223		156-8A	1		
172-31233		158	1		
172-31233-50		158	1		
172-31233-70		158	REF		
172-31233-81		158	1		
172-31234		158	1		
172-31236		158	1		
172-31236-10		158	1		
172-31236-20		158	1		
172-31237		158	1		
172-31237-10		158	1		
172-31244		158	1		
172-31271-1		157	1		
172-31271-2		157	1		
172-31271-20		157	1		
172-31271-51		157	1		
172-31271-61		157	1		
172-31273-22		106-20	REF		
172-31273-50		106-20	1		
172-31293		113-1	1		
172-31293-13		113-2	1		
172-31293-9		113-3	1		
172-31294-1		109	1		
172-31294-2		109	1		
172-31294-3		109-8A	1		
172-31294-5		109-7	1		
172-31295-1		109	1		
172-31295-2		109	1		
172-31295-3		109-27	1		
172-31295-4		109	1		
172-31296-1		109-9	1		
172-31296-2		109	1		
172-31297		109-19	1		
172-31381-1		159	NP		
172-31381-2		159	NP		
172-31543		158	1		
172-31645		111-9	1		
172-31645-11		111-12	1		
172-31645-3		111-15	1		
172-31645-5		111-14	1		
172-31645-7		111-13	1		
172-31645-9		111-11	2		
172-31790		158-35	1		
172-31796		156-8	1		
172-31798		158-34	2		
172-31816-1		172-15	1		
172-31816-2		172	1		
172-31822-20		105	1		
172-31823		105	1		
		329-47	REF		
		339-42	REF		
172-31823-10		105	1		
172-31823-40		105	1		
172-31823-50		105	1		
172-31823-60		105	1		
172-31824-1		105-13	1		
172-31824-2		105-14	1		
172-31830		161-24	1		
172-31842		170-48	2		
172-31843-1		359	1		
172-31843-2		359-26	1		
172-31852		114-13	REF		
172-31853		133-12	2		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-31855		114	2		
172-31855-3		114-14A	1		
172-31859		144-4	1		
172-31861-11		161-29	1		
172-31861-13		161-27	1		
172-31861-20		161	PEF		
		177-3	1		
172-31861-3		161-21	1		
172-31861-30		161	REF		
		177	1		
172-31861-4		161	1		
172-31861-40		161	REF		
		177	1		
172-31861-5		161-22	1		
172-31861-50		161	REF		
		177	1		
172-31861-51		161	REF		
		177	1		
172-31861-6		161	1		
172-31861-61		161	REF		
		177	1		
172-31861-7		161-28	2		
172-31861-71		161	REF		
		177	1		
172-31861-9		161-30	1		
172-31862		162	REF		
172-31862-30		161-34	1		
172-31862-40		161	1		
172-31862-5		161	1		
		162-56	1		
172-31862-60		161	1		
172-31862-61		161	1		
172-31862-71		161	1		
172-31862-9		162-57	1		
172-31864		162-2	1		
172-31864-10		162	1		
172-31869-1		162-54	1		
172-31869-2		162	1		
172-31871-1		162-52	1		
172-31871-2		162	1		
172-31879		161-26	1		
172-31880		173-4	1		
172-31880-3		173-5	1		
172-31888		162-20	1		
		178-39	REF		
172-31889-1		162-21	1		
172-31889-2		162	1		
172-31890-1		162-24	1		
172-31890-2		162	1		
172-31891-1		162-23	1		
172-31891-2		162	1		
172-31893		177-51	2		
172-31894-10		168-21	1		
172-33360-3		415-4	1		
172-33540		398-39	AR		
172-33611		248-15	1		
172-33612		413-47	1		
172-33615-11		413-43	1		
172-33616		413-46	1		
172-33627		414	1		
172-33630		248	1		
172-34185-3		402-50	1		
172-34185-5		402-46	1		
172-34185-7		402	1		
172-34185-9		402	1		
172-40011		156-23	1		
172-40011-5		156	1		
172-40012		156-27	1		
172-40012-20		156	1		
172-42016		159-3	1		
172-42050-3		434-6	1		
172-42050-5		434-10	1		
172-42051		433-38	1		
		434	REF		
172-42052		433	1		
		434	REF		
172-43047		432-36	2		
172-43048		432-48	1		
172-43049		432-49	1		
172-43050		432-31	1		
172-43052		441-25	1		
172-43053		441-20	1		
172-43054		431-18	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-43058		441	REF		
172-43059		441-37	1		
172-43060		441-27	1		
172-43062		431-16	1		
172-43063		441-43	1		
172-43065		431-14	1		
172-43067		431-20	1		
172-43069		439	1		
		440-14	1		
		441	REF		
		442	REF		
172-43069-3		440	1		
		441	REF		
172-43070		441-32	1		
172-43071		431	REF		
		441-52	1		
172-43072		431-19	1		
172-43073		431-11	1		
		442-40	1		
172-43074		431-24	1		
172-43075		431-22	1		
172-43076		431-23	1		
172-43079		441	1		
172-43080		439-18	1		
		440-18	REF		
172-43081		439-19	1		
172-43082		441-46	1		
172-43086		441-45	1		
172-43086-7		441	1		
172-43087		441-5	1		
172-45145		158	1		
172-47001		432	NP		
		448	NP		
172-47007		446-13	1		
172-47012		446-4	1		
172-47014		158-32	1		
		448-45	REF		
172-47015		446-11	1		
172-47016		446-15	1		
172-47020		158-26	1		
172-47020-10		158	1		
172-47021		158	1		
172-47064		447	1		
172-47066		447-26	1		
172-47068-13		447-19	2		
172-47069		447-29	1		
172-47070		447-22	1		
172-47071		447-25	1		
172-47074		446-16	1		
172-47075		446-10	1		
172-47076		446-12	1		
172-47079		448-20	1		
172-47202-21		241-49	REF		
172-47202-41		241-50	REF		
172-47802-15		448-32	1		
172-47802-19		448-44	1		
172-47802-21		448-28	1		
172-47802-25		448-27	1		
172-47802-29		448-25	1		
172-47802-33		448-33	1		
172-47802-37		448-40	1		
172-47802-41		448	1		
172-47802-45		448	1		
172-47802-49		448-10	1		
172-47802-53		448	1		
172-47802-57		448	1		
172-47802-61		448	1		
172-48005		50-15	1		
172-48005-11		50-14	1		
172-48005-13		50-13	1		
172-48010		38-25	1		
		46-11	1		
172-48013		6	NP		
		38	NP		
172-48014-51		39	NP		
172-48014-52		39	NP		
172-48021		50-17	1		
172-48022		38-56	1		
		45	REF		
172-48023-11		39-24	1		
		46	REF		
172-48023-12		39	1		
		46	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-48025		45-16	1		
172-48026		45-22	1		
172-48027		45-15	1		
172-48028		45-11	1		
172-48029		45-23	1		
172-48030		45	2		
		46-4	4		
172-48031-51		432	NP		
		449	NP		
172-48032-101		457-22	1		
172-48032-11		457-20	REF		
172-48032-9		457	1		
172-48033		455-1	REF		
172-48033-101		455-1	1		
172-48043		451-11	1		
172-48046		451	1		
172-48047-1		451-5	1		
172-48047-2		451-1	1		
172-48048		451-9	1		
172-48052-11		456-1	1		
		457	REF		
172-48052-21		456	1		
		457	REF		
172-48053		454-1	1		
		455	REF		
172-48058		457-14	1		
172-48059		455-5	1		
172-48059-3		455-7	1		
172-48066		454-52	1		
172-48067-51		450-19	1		
		461	REF		
172-48067-71		450	1		
		461	REF		
172-48072		461-22	1		
172-48082		159	1		
172-48091		457-2	2		
172-48093		455-8	1		
172-48097		456-11	2		
172-48098		456-12	2		
172-48099		456-13	2		
172-48107-1		4-26	REF		
		15	2		
172-48107-11		4-26	REF		
		15	2		
172-48107-12		4-27	REF		
		15	2		
172-48107-2		4-27	REF		
		15	2		
172-48107-3		15-4	1		
172-48107-7		15	1		
172-48108		46	1		
172-48110		15-8	1		
172-48111		50-18	3		
172-48112-3		46	2		
172-48112-5		45	5		
		46	2		
172-48116		39-18	1		
172-48124		15-10	2		
172-48136		451	1		
172-48137		451-6	1		
172-48138		451-7	1		
172-48139		451-8	1		
172-48144		457-19	2		
172-48146		158-28	1		
172-48150		461-4	1		
172-48151		449	NP		
		458	NP		
172-48152		458-4	1		
		462	REF		
172-48155		462-9	1		
172-48158		158	2		
172-48161		463-1	1		
172-48163		452	REF		
		458-27	REF		
172-48163-11		452	REF		
		458-27	1		
172-48164		461-23	1		
172-48165		461-10	1		
		461-12	1		
172-48166		452-8	1		
172-48177		453-6	1		
172-48178		453	REF		
		457-15	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-48179		158-30	1		
172-48183		38-24	1		
172-48184		38-20	1		
172-48201-1		49	1		
		51	REF		
172-48201-151		49	1		
		51	REF		
172-48201-152		49	1		
		51	REF		
172-48201-2		49	1		
		51	REF		
172-48201-201		51	REF		
		51-38	REF		
172-48201-202		51	REF		
172-48201-51		49	1		
		51	REF		
172-48201-52		49	1		
		51	REF		
172-48202-101		39	NP		
		40	NP		
172-48202-102		39	NP		
		40	NP		
172-48202-51		39	NP		
		40	NP		
172-48202-52		39	NP		
		40	NP		
172-48203-51		449	NP		
		459	NP		
172-48204		40-22	4		
172-48206		48-8	1		
172-48207-1		40-6	1		
		48	REF		
		55-5	1		
172-48207-2		40	1		
		48	REF		
		55	1		
172-48208-1		40	1		
		48	REF		
172-48208-2		40	1		
		48	REF		
172-48209		40-14	1		
172-48210		40-15	1		
172-48211		40-11	1		
172-48212		459-15	1		
172-48214		40-38	1		
		44-2	1		
172-48215		40-47	1		
		44-6	1		
172-48216-1		40	1		
172-48216-2		40	1		
172-48216-3		40-49	1		
172-48217		459-40	1		
172-48218		459-36	1		
172-48219		459-41	1		
172-48220		459-29	1		
172-48221		459-34	1		
172-48222		40-36	1		
		44-4	1		
172-48223		40-48	1		
		44-11	1		
172-48225-1		40-51	1		
172-48225-2		40	1		
172-48226		40-50	1		
172-48228		40-35	1		
		44-1	1		
172-48229		40-42	1		
		44-5	1		
172-48230		363	1		
172-48250		51	1		
		53	REF		
172-48250-151		51	1		
		53	REF		
172-48250-201		51	1		
		53	REF		
172-48250-202		51	1		
		53	REF		
172-48251		53-39	1		
		59	REF		
172-48251-201		53	1		
		59	REF		
172-48251-202		53	1		
		59	REF		
172-48254		59-23	1		
172-48256		59-34	1		
172-48261-1		37-1	1		
172-48261-101		37	1		
172-48261-102		37	1		
172-48261-2		37	1		
172-48261-35		37-6	1		
		37-18	1		
172-48261-37		37-7	1		
172-48261-51		37	1		
172-48261-52		37	1		
172-48261-53		37	1		
172-48261-54		37	1		
172-48261-55		37	1		
172-48261-56		37	1		
172-48261-57		37	1		
172-48261-58		37	1		
172-48261-78		37	1		
172-48261-79		37	1		
172-48261-80		37	1		
172-48268		53-40	REF		
		59-18	1		
172-48269-3		59-29	1		
172-48270		28-5	1		
172-48284		52-17	1		
		53-13	1		
172-48285		52-13	1		
		53-16	1		
172-48291		59-35	1		
172-48292		59-27	1		
172-48294		51-26	1		
172-48298		59-28	1		
172-48299		40-13	1		
172-48311-3		51	REF		
172-48311-5		51	REF		
172-48337		51	1		
172-48338		51	1		
172-48402-1		23	NP		
		44	NP		
172-48402-2		23	NP		
		44	NP		
172-48404-1		44-13	1		
172-48404-2		44	1		
172-48405-1		44-14	1		
172-48405-2		44	1		
172-48406		44-15	1		
172-48408-1		36	REF		
		44-40	1		
172-48408-2		36	REF		
		44	1		
172-48807		40-9	1		
		44-43	1		
172-48808		40-29	1		
		44-45	1		
172-48810		39-8	1		
172-48811-1		40-27	1		
172-48811-2		40	1		
172-48812-1		48	1		
172-48812-2		48	1		
172-48813		23	REF		
172-48813-1		55-19	1		
172-48813-2		55	1		
172-48814-104		41	1		
172-48814-105		44-16	1		
172-48814-106		44	1		
172-48814-107		44-21	1		
172-48814-108		44-23	1		
172-48814-109		36-7	1		
		42-7	1		
172-48814-110		44-39	1		
172-48814-111		44	1		
172-48814-118		41	REF		
172-48814-119		41	REF		
172-48814-125		41	1		
172-48814-19		40-5	1		
172-48814-20		40	1		
172-48814-212		39	1		
172-48814-215		39	1		
172-48814-216		39-2	1		
172-48814-23		40	1		
172-48814-26		41-21	1		
		42-13	REF		
172-48814-27		41-14	1		
		42-14	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-48814-28		41-17	1		
172-48814-29		41-18	1		
172-48814-3		40-7	1		
172-48814-30		41-12	1		
		42-12	REF		
172-48814-32		41-5	1		
172-48814-34		41-36	1		
		44-19	1		
172-48814-36		41	1		
		42	REF		
172-48814-37		41	1		
		42	REF		
172-48814-41		40-39	1		
172-48814-42		40-34	1		
172-48814-43		41-40	1		
172-48814-45		41	1		
		42	REF		
		44-41	1		
172-48814-46		41	2		
		42	REF		
172-48814-47		41	1		
172-48814-48		41	1		
		42	REF		
172-48814-49		41	1		
172-48814-50		41	1		
		42	REF		
		44	1		
172-48814-57		39-1	1		
172-48814-58		39	1		
172-48814-59		39-2	REF		
172-48814-69		40-23	1		
172-48814-72		40	1		
172-48814-73		40	1		
172-48814-83		41-38	1		
172-48814-85		41	REF		
		44-26	1		
172-48814-94		41-37	1		
172-48817-118		41	1		
172-48817-119		41	1		
172-48818		23	REF		
172-48820		40-19	1		
172-48822		40-31	1		
172-48831-10		459-18	1		
		460-16	1		
172-48831-100		449-20	1		
172-48831-13		459-11	1		
		460-10	1		
172-48831-130		449-18	1		
172-48831-131		449-16	1		
172-48831-135		456-27	1		
172-48831-14		459-3	1		
		460-3	1		
172-48831-15		459-8	1		
		460-8	1		
172-48831-154		454-41	1		
		456-20	1		
172-48831-166		450-2	1		
172-48831-185		449-22	1		
172-48831-27		450-36	1		
172-48831-28		450-38	1		
172-48831-29		450-7	1		
172-48831-3		459-28	1		
172-48831-302		450-14	1		
172-48831-303		449-1	1		
		460-30	REF		
172-48831-304		449-4	1		
172-48831-305		459-13	1		
172-48831-306		459-1	1		
		460-1	1		
172-48831-307		449-2	1		
		460-29	REF		
172-48831-308		458-3	1		
172-48831-309		458-34	1		
172-48831-31		449-35	1		
172-48831-311		460-22	1		
172-48831-312		458-1	1		
172-48831-313		449	REF		
172-48831-314		449-31	1		
172-48831-315		449-27	1		
172-48831-316		460-18	1		
172-48831-318		458-37	1		
172-48831-319		449	1		
172-48831-320		41-41	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR
172-48831-320		460-11	1		
172-48831-321		461-8	1		
172-48831-322		450-39	1		
172-48831-323		450	1		
172-48831-324		450	1		
172-48831-325		450	1		
172-48831-34		454-25	1		
172-48831-36		450-18	1		
172-48831-4		459-26	1		
172-48831-41		458-24	1		
172-48831-42		458-32	1		
172-48831-43		458-26	1		
172-48831-44		458-31	1		
172-48831-45		458-28	1		
172-48831-46		450-41	1		
		458-30	1		
172-48831-47		458-8	1		
172-48831-48		458-11	1		
172-48831-5		459-25	1		
172-48831-50		458-29	1		
172-48831-54		449-12	1		
172-48831-69		450-4	1		
172-48831-7		459-19	1		
		460-21	1		
172-48831-8		459-16	1		
		460-14	1		
172-48831-85		459-23	1		
172-48831-86		459-21	1		
172-48831-88		449-14	1		
		460-28	REF		
172-48831-89		459-5	1		
		460-5	1		
172-48831-9		459-14	1		
		460-12	1		
172-48831-91		458-12	1		
172-48831-94		449-5	1		
172-48831-95		449-27	REF		
172-48831-96		449-26	REF		
172-48831-97		449-32	1		
172-48831-99		459-10	1		
		460-9	1		
172-48837		449-39	1		
172-48843		449	REF		
		449-25	1		
172-48848		449-34	1		
172-48854		449-13	1		
		460-27	REF		
172-48856		449-26	1		
172-48857		450-5	REF		
		458-40	REF		
172-48859		450-1	1		
172-48861		449-36	REF		
172-48862		39	1		
172-48868		449-21	1		
172-48871		450-9	1		
172-48872		459-7	1		
		460-7	1		
172-48873		39-14	1		
172-48874		450-16	1		
172-48875		449	1		
172-48885		449	1		
172-51003		181	1		
172-51003-10		181	1		
172-51003-20		181	1		
172-51004		186	1		
172-51004-10		186	1		
172-51004-11		186	1		
172-51004-20		186	1		
172-51005		178	1		
		181	REF		
172-51005-10		178	1		
		181	REF		
172-51005-20		178	1		
		181	REF		
172-51005-30		178	1		
		181	REF		
172-51005-40		178	1		
		181	REF		
172-51019		73-29	1		
172-51071		180-6	1		
172-51078		437-26	NP		
		438	NP		
172-51085		187	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-51108		73-14	1		
172-51109		73-25	1		
172-51155		178-35	1		
172-51156		178-36	1		
172-520116		210-14	1		
172-520118		82-17A	1		
172-520119		82	1		
		210-58	REF		
172-520119-3		82-22	1		
172-520119-5		82-23	1		
172-520121		82-24	1		
172-520122		82-25	1		
172-520123		210-2	1		
172-520124		210-3	1		
172-520125		210-1	1		
172-520126		210-4	1		
172-520147		160-14	1		
172-520156		211-44	REF		
172-520156-3		211-44	1		
172-520157		211-23	1		
172-520158		211-18	1		
172-520159		160-15	1		
172-520160		211-22	1		
172-520161		156-18	1		
		211-60	REF		
172-520162		211	1		
172-520162-3		211-35	1		
172-520162-5		211-36	1		
172-520163		160	1		
		211-62	REF		
172-520164		211-21	1		
172-520165		210-56	1		
		211-55	1		
172-52042		82	1		
		269	1		
172-52042-7		82-15	1		
		269-22	1		
172-52047		211-61	REF		
		262-23	1		
		269	REF		
		270	REF		
172-52047-13		81-32	1		
		82	REF		
172-52047-15		81	1		
		82	REF		
172-52049		113-20	1		
172-52050		210	NP		
172-52051-11		210	1		
172-52051-17		211	1		
172-52051-19		211	1		
172-52051-21		211	1		
172-52051-23		211	1		
172-52051-7		211	1		
172-52052-103		211-15	1		
172-52052-105		211-14	1		
172-52052-115		211-12	1		
172-52052-117		210-57	1		
172-52052-119		211-1	1		
172-52052-125		211-11	1		
172-52052-129		210-48	1		
172-52052-131		210-50	1		
172-52052-133		210-54	1		
172-52052-135		211-3	1		
172-52052-137		211-7	1		
172-52052-143		210	1		
172-52052-145		210	1		
172-52052-147		211	1		
172-52052-149		211	1		
172-52052-151		211	1		
172-52052-153		210	1		
172-52052-157		211	1		
172-52052-159		211-13	1		
172-52052-161		211-8	1		
172-52052-167		211	1		
172-52052-169		211	1		
172-52052-171		211	1		
172-52052-173		211	1		
172-52057		210-19	1		
172-52059		210-18	1		
172-52060		210-13	1		
172-52061		114-11	1		
		210-59	REF		
172-52063		210-25	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-52063-10		210	1		
172-52064		210-47	1		
172-52065		210-40	1		
172-52065-10		210	1		
172-52066		210-46	1		
172-52068		212-5	REF		
172-52068-11		212-5	1		
172-52068-3		212	1		
172-52077		210-15	1		
172-52080		212	1		
172-52081		212-21	1		
172-52083		210-30	1		
172-52083-3		210-33	1		
172-52084		210-41	2		
172-52085		210-35	1		
172-52086		82-16	1		
		269-23	1		
172-52088		82-3	1		
		269-10	1		
172-52089		210-56	REF		
		211-55	REF		
172-52091		211-56	1		
172-52097		210-44	1		
172-52099		210-29	1		
172-52354		75-13A	1		
172-52416		195-10	1		
172-52417		195-11	1		
172-52418		195-14	1		
172-53005		342	2		
		363-33	2		
172-53010		342	1		
172-53010-3		342-5	1		
172-53030		371-37	1		
172-53032		371-33	1		
172-53034		371-14	1		
172-53035		363-30	1		
172-53049		371-5	1		
172-53050		363-11	1		
172-53050-11		363	1		
172-53050-15		363	1		
172-53050-19		363	1		
172-53050-29		363	1		
172-53050-31		363	1		
172-53060		366-13	1		
172-53063-10		342-8	1		
		363-34	1		
172-53064		363-5	1		
172-53064-10		363	1		
172-53064-20		363	1		
172-53064-30		363	1		
172-53074		363-31	1		
172-53074-3		363-35	1		
172-53076		371	1		
172-53077		363-42	1		
172-53078		371-6	1		
172-53080		371-32	1		
172-53082		366	1		
172-53083		366-75	1		
172-53094		371-22	1		
172-53095		370	1		
		371	REF		
172-53095-11		370-50	2		
		371-42	2		
172-53095-3		371-48	2		
172-53095-5		371-47	2		
172-53095-9		371-50	2		
172-53096		363-43	1		
172-53097		371-18	1		
172-53097-10		371-28	1		
172-53098		371-21	1		
172-53099		371-10	1		
172-53100		363-41	2		
172-53103		373-5	1		
172-53103-7		373-6	1		
172-53104		373-18	1		
172-53105		373-12	1		
172-53106		373-24	1		
172-53107		373-17	1		
172-53108-1		373-7	1		
172-53108-2		373-8	1		
172-53110-1		359	1		
172-53110-2		359-5	1		
172-53111-1		359	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-53111-1		361	1		
172-53111-2		359-20	1		
		361-19	1		
172-53112-1		359	1		
		361	1		
172-53112-2		359-14	1		
		361-21	1		
172-53113-1		359	1		
		361	1		
172-53113-2		359-19	1		
		361-16	1		
172-53114-2		361	1		
172-53123		366-52	2		
		367-18	2		
172-53128-1		359	1		
		361	1		
172-53128-2		359-23	1		
172-53129-1		359	1		
172-53129-11		359	1		
		361	1		
172-53129-12		359	1		
172-53129-2		359	1		
172-53130-1		359	REF		
		366	1		
		367	1		
172-53130-11		359	REF		
		367	1		
172-53130-12		359	REF		
		367	1		
172-53130-2		359	REF		
		366	1		
		367	1		
172-53130-21		359	REF		
		361	REF		
		367-1	1		
172-53130-22		359	REF		
		361	REF		
		367	1		
172-53134		373-26	1		
172-53230		478-16	REF		
172-53301		108	NP		
		377	NP		
172-53304		108	NP		
		381	NP		
172-53304-10		108	NP		
		381	NP		
172-53307		108	NP		
		386	NP		
172-53307-51		386	NP		
172-53311-11		377	1		
172-53311-15		377-38	1		
172-53311-21		386-5	1		
172-53311-3		377-36	1		
172-53311-31		378-2	1		
172-53311-37		378-5	1		
172-53311-41		378-7	1		
172-53311-51		378-4	1		
172-53311-53		388-12	1		
172-53311-57		385-40	1		
172-53311-61		385	REF		
172-53311-63		385	REF		
172-53311-65		382-5	1		
172-53311-67		385	REF		
		385-39	1		
172-53311-69		378	1		
172-53311-7		377-42	1		
172-53311-71		378-30	1		
172-53311-81		377	1		
		377-40	1		
172-53311-89		377-47	1		
172-53315		382-40	1		
172-53316		382-41	1		
172-53317-3		382-39	1		
172-53319		377-9	1		
172-53320		377-11	1		
172-53323		158-36	1		
172-53324		377-12	1		
172-53325		377-45	REF		
		433-57	REF		
		468-39	REF		
172-53326		162-3	1		
		385-45	REF		
172-53327		114	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-53327		385-44	REF		
172-53328		113-4	1		
172-53330		385-8	1		
172-53333		387-24	2		
172-53334		384-14	1		
172-53336		384-30	1		
172-53336-10		384	1		
172-53337		385-36	1		
172-53340		385-5	1		
172-53341-11		385-24	1		
172-53341-13		385-26	1		
172-53341-19		385	1		
172-53341-21		385	1		
172-53341-23		385	1		
172-53341-3		385-15	1		
172-53341-5		385-16	1		
172-53341-7		385-18	1		
172-53342		135-32	1		
		385-50	REF		
172-53343		382-22	1		
172-53344		177-50	1		
172-53345-10		382-9	1		
172-53347		382-19	REF		
172-53347-10		382-19	1		
172-53348		382-21	1		
172-53350		382-3	1		
172-53351		382-33	1		
172-53352		382-32	1		
172-53353		382-51	REF		
172-53355-10		382-26	1		
172-53356		382-27	1		
172-53357		382-28	1		
172-53358		382-48	1		
172-53359		382-49	1		
172-53360		156-30	1		
172-53361		377-30	1		
172-53362-20		156-6	1		
172-53363-10		180-37	REF		
		376-15	REF		
		377-24	1		
172-53363-25		377	1		
172-53364		156-7	1		
172-53365		382-43	1		
172-53365-10		382	1		
172-53368		172-8	1		
172-53374-3		382-44	2		
172-53374-5		377-31	2		
172-53375		383-6	1		
172-53376		383-3	1		
172-53378		383-8	1		
172-53378-10		383-9	1		
172-53379		377-29	4		
		382-46	7		
		383	REF		
172-53379-10		382-47	1		
		383	REF		
172-53380		382-29	1		
172-53381		382	1		
172-53394		383-7	1		
172-53396		377-25	REF		
172-53397		377-26	1		
172-53398		385-12	REF		
172-53401		172	1		
172-53404		382-50	REF		
		385	REF		
172-53404-10		385	REF		
		385-28	1		
172-53407		377-20	1		
		385-47	REF		
		386-42	REF		
172-53407-10		377	1		
172-53408		377-18	1		
		378-53	REF		
172-53411		172-9	1		
172-53415		386-24	1		
172-53416		386-25	1		
172-53417		386-20	1		
172-53418-3		386-9	1		
172-53418-5		386-23	1		
172-53422		386-17	REF		
172-53423		386-19	1		
172-53424-5		377-17	1		
		378-3	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-53424-5		378-6	3		
		385-25	3		
		386-4	5		
172-53425		381-26	REF		
		385-37	1		
		387	REF		
172-53429		387-16	1		
172-53429-3		387-22	1		
172-53432		385	1		
172-53433		387-14	1		
172-53434		387-25	1		
172-53436		386	2		
172-53437		386	2		
172-53451-3		386	1		
172-53451-5		386	1		
172-53464		377-25	1		
172-54016		304-45	1		
172-54020		305	1		
172-54021		305-23	1		
172-54021-10		305	1		
172-54022		70-3	1		
172-54023		293-9	2		
172-54024		293	1		
172-54026		305	1		
172-54028-20		294-1	1		
		299	REF		
		300	REF		
172-54028-30		294	1		
		300	REF		
172-54030-10		299-12	1		
172-54031		296-37	1		
172-54032-10		299-11	1		
172-54033-10		299-13	1		
172-54034		280-10	1		
172-54035		279-31	1		
		280	REF		
172-54037		315-39	1		
172-54038		280-1	2		
172-54039		303-13	1		
172-54039-30		303	1		
172-54039-40		303	1		
172-54039-60		303	1		
172-54039-70		303	1		
172-54039-80		303	1		
172-54040		303	1		
172-54040-20		303	1		
172-54040-30		303	1		
172-54040-50		303	1		
172-54040-60		303	1		
172-54040-70		303	1		
172-54041		307-23	1		
172-54042		305-37	1		
172-54045		314-28	1		
172-54048		314-1	1		
172-54048-10		314	1		
172-54049		314-14	1		
172-54051		296-42	1		
172-54052		296-41	1		
172-54053		296	1		
172-54054		296-43	1		
172-54055		296-39	1		
172-54056		296-34	1		
172-54057		296-45	1		
172-54058-5		296	1		
172-54058-7		296	1		
172-54061		296-16	1		
172-54062		296-20	1		
172-54062-20		296	1		
172-54062-30		296	1		
172-54063		296-19	1		
172-54063-20		296	1		
172-54063-30		296	1		
172-54064		296-18	1		
172-54064-20		296	1		
172-54064-30		296	1		
172-54065		296	1		
		381-28	REF		
172-54065-20		296	1		
172-54065-30		296	1		
172-54066		92-3	1		
172-54069		278-25	1		
172-54070-10		278-32	1		
172-54070-20		284-9	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-54071		306-17	1		
172-54071-10		306	1		
172-54072		92-25	1		
172-54073		325	1		
172-54078		278	1		
		284	REF		
172-54079		315-38	1		
172-54080		316	1		
172-54082		293-33	1		
172-54086-1		294-11	1		
172-54086-11		294	1		
172-54086-2		305-29	1		
172-54086-7		294-14	1		
		305-32	1		
172-54088-1		293	1		
172-54088-2		305	1		
172-54090		305	1		
172-54092		113-26	1		
172-54095-10		297	REF		
		304-4	1		
172-54095-21		297	REF		
		304	1		
172-54095-31		297	REF		
		304	1		
172-54095-41		297	REF		
		304	1		
172-54096		297-19	1		
172-54096-11		297-9	1		
172-54097		297-22	1		
172-54097-11		297	1		
172-54098		297-23	1		
172-54098-11		297	1		
172-54099		297-24	1		
172-54101		285-17	1		
172-54101-10		285	1		
172-54101-20		285	1		
172-54102		285	REF		
		312-2	1		
172-54102-10		285	REF		
		312	1		
172-54102-20		285	REF		
		312	1		
172-54102-30		285	REF		
		312	1		
172-54103		285-16	1		
172-54103-10		285	1		
172-54103-30		285	1		
172-54104		306	1		
		312	REF		
172-54104-10		306	1		
		312	REF		
172-54104-20		306	1		
		312	REF		
172-54104-30		306	1		
		312	REF		
172-54104-40		306	1		
		312	REF		
172-54104-50		306	1		
		312	REF		
172-54104-60		306	1		
		312	REF		
172-54105		312-28	1		
172-54105-51		312	1		
172-54105-53		312	1		
172-54105-61		312	1		
172-54106		312-1	1		
172-54108		278-38	1		
172-54109		131	1		
172-54110-1		292-26	1		
172-54110-2		292	1		
172-54110-3		292-27	1		
172-54110-4		292	1		
172-54119		304-7	1		
172-54122		278	1		
172-54122-10		278	1		
172-54127		283	1		
172-54127-3		283-22	1		
172-54127-7		283-24	1		
172-54128		283-25	1		
172-54128-10		283	1		
172-54128-101		283	1		
172-54128-20		283	1		
172-54128-30		283	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-54128-40		283	1		
172-54128-50		283	1		
172-54128-60		283	1		
172-54128-70		283	1		
172-54128-80		283	1		
172-54128-90		283	1		
172-54129		279	REF		
		283	1		
172-54129-10		283	1		
172-54129-101		283	1		
172-54129-20		283	1		
172-54129-30		283	1		
172-54129-40		283	1		
172-54129-50		283	1		
172-54129-60		283	1		
172-54129-70		283	1		
172-54129-80		283	1		
172-54129-90		283	1		
172-54142		315-21	1		
172-54142-10		315	1		
172-54151		158-7	REF		
172-54151-11		158-7	REF		
172-54151-21		158-7	1		
172-54152		158	1		
172-54153		158-33	1		
172-54155		158	1		
172-54157		284A	1		
		285	1		
172-54161		316-22	1		
172-54161-20		316-23	1		
172-54161-30		316	1		
172-54165		284-10	1		
172-54165-10		284	1		
172-54165-21		284	1		
172-54165-31		284	1		
172-54165-41		284	1		
172-54166		278	1		
		284	REF		
172-54166-10		284	REF		
172-54166-20		284	REF		
172-54166-30		284	REF		
172-54166-41		284	REF		
172-54166-51		284	REF		
172-54166-61		284	REF		
172-54167		181	1		
172-54167-11		181	1		
172-54177		177-52	1		
172-54178		177-49	1		
172-54192-1		23	NP		
172-54192-2		23	NP		
172-54195		311-11	1		
172-54196		311-14	1		
172-54240-3		313	1		
172-54240-5		313	1		
172-54241		313-23	1		
172-54242		313	1		
172-54255		286-15	1		
172-54296		288	REF		
		294	1		
172-54299-3		286-13	1		
172-54299-5		286-14	1		
172-54301-1		23	NP		
		92	NP		
172-54301-2		23	NP		
		92	NP		
172-54408		70-36	2		
172-54711		75-23	1		
172-54712-15		211-59	REF		
		212	1		
172-54712-3		212	1		
172-58038		214-24	REF		
172-58038-3		214-24	1		
172-58058		108	NP		
		216	NP		
172-58059		108	NP		
		226	NP		
172-58062		108	NP		
		262	NP		
172-58064		108	NP		
		239	NP		
172-58065		108	NP		
		255	NP		
172-58066		6	NP		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-58066		80	NP		
		83-29	NP		
172-58105		231-16	1		
172-58107		231-11	1		
172-58108		231-10	1		
172-58112-5		236-28	1		
172-58112-7		236-27	1		
172-58112-9		236-29	1		
172-58117		254-15	1		
172-58124		128-24	1		
172-58124-11		128	1		
172-58125		128-25	1		
172-58126		255-26	1		
172-58127		214-1	2		
172-58127-3		214-7	1		
172-58127-5		214-8	1		
172-58127-7		214-11	1		
172-58134		261-3	1		
172-58135		249-9	1		
172-58136		476-44	1		
172-58138		476-6	1		
172-58139		476-4	1		
172-58141		476-3	1		
172-58142		160-2	2		
172-58147-3		436-55	1		
172-58147-5		436-46	1		
172-58178		247-4	1		
172-58179		247-33	REF		
172-58180		158-29	1		
		247-32	REF		
172-58182-1		277-36	1		
172-58182-2		277	1		
172-58183		262	2		
172-58188		275-9	1		
172-58190		230-1	1		
172-58201		267	REF		
172-58202		267	1		
172-58202-11		267	1		
172-58202-3		267	1		
172-58202-5		267	1		
172-58202-9		267	1		
172-58203		267-22	REF		
172-58204		267	1		
172-58204-11		267-14	1		
172-58204-3		267-16	1		
172-58204-5		267-17	1		
172-58204-9		267-15	1		
172-58205		267-13	1		
172-58206-3		239-29	1		
172-58206-5		239-28	1		
172-58206-7		239-27	2		
172-58206-9		239-31	1		
172-58207		239-30	1		
172-58213		254-21	1		
172-58214-3		248-5	1		
172-58214-5		248-6	1		
172-58215		239-26	1		
172-58215-3		239	1		
172-58224		255-27	1		
172-58229		267	1		
172-58229-11		267	1		
172-58229-3		267	1		
172-58229-5		267	1		
172-58229-9		267	1		
172-58302-1		160-4	1		
		265-55	REF		
172-58302-2		160	1		
		263-51	REF		
172-58601		261	REF		
		262-17	1		
172-58603-3		80-9	1		
172-58603-5		80	1		
172-58605		231-1	1		
172-58605-10		231	1		
172-58605-20		231	1		
172-58606		213	REF		
		255-15	1		
172-58606-3		213	REF		
		255	1		
172-58606-5		213	REF		
		255	1		
172-58607-5		255-1	1		
		275	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-58607-7		255	1		
		275	REF		
172-58607-9		255	1		
172-58610		262-24	2		
		263-53	REF		
		273	REF		
172-58612-5		255-6	1		
172-58615		80-19	1		
		81-26	1		
		89	REF		
172-58616		80-42	REF		
172-58616-3		81-18	1		
		90	NP		
172-58616-7		81	1		
		90	NP		
172-58616-9		81	1		
		90	NP		
172-58620-3		80	1		
		89	REF		
172-58620-5		81	1		
		89	REF		
172-58620-7		80	1		
		89	REF		
172-58620-9		81	1		
		89	REF		
172-58622-3		262	1		
		272	REF		
172-58622-5		262	1		
		272	REF		
172-58623		262	2		
		272	REF		
172-58624		264-43	REF		
172-58624-3		262-6	1		
		262-8	1		
		272	REF		
172-58624-5		262-5	1		
		272	REF		
172-58624-9		262-7	1		
		272	REF		
		325-43	REF		
172-58625-3		262-22	1		
		269	REF		
172-58626-3		267	1		
172-58626-5		267	1		
172-58626-7		267	1		
172-58627-11		262	1		
		274	REF		
172-58627-13		262	1		
		274	REF		
172-58627-15		262	1		
		274	REF		
172-58627-17		262	1		
		274	REF		
172-58627-19		262	1		
		274	REF		
172-58627-3		262-9	1		
		274	REF		
172-58627-5		262-10	1		
		274	REF		
172-58628-3		262-4	1		
		268	REF		
172-58629		262-19	1		
		276	REF		
172-58629-3		262	1		
		276	REF		
172-58630		262-21	1		
		272	REF		
172-58631		471-1	1		
		476	REF		
172-58634		86-29	REF		
172-58634-3		79	REF		
		83-8	1		
172-58634-5		79	REF		
		83	1		
172-58635		86-30	REF		
172-58635-3		79	REF		
		83	1		
172-58635-5		79	REF		
		83	1		
172-58636		254	REF		
		255-14	1		
		258-39	REF		
		259-26	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-58637		245	REF		
		262-18	1		
172-58638-3		214	REF		
		239-15	1		
172-58638-5		214	REF		
		239	1		
172-58638-7		214	REF		
		239	1		
172-58639		230	REF		
		236-32	1		
		251-37	REF		
172-58639-3		230	REF		
		236	1		
		251-38	REF		
172-58640		231-13	1		
		232-37	REF		
		234	REF		
		250-19	REF		
172-58640-5		231	1		
		234	REF		
172-58642		216-32	1		
172-58642-3		216	1		
172-58643-3		262-2	1		
		268	REF		
172-58643-5		262-3	1		
		268	REF		
172-58643-7		216-24	1		
172-58643-9		216	1		
172-58646		229	REF		
		255-22	1		
172-58646-3		229	REF		
		255	1		
172-58646-5		229	REF		
		255	1		
172-58647		236-6	1		
		246	REF		
172-58650		225	REF		
		226-19	1		
		227-37	REF		
		231-18	1		
172-58650-10		225	REF		
		226	1		
		231	1		
172-58652-10		239-1	1		
		241-47	REF		
		247	REF		
		448-51	REF		
172-58655		235	REF		
		236-33	1		
172-58655-3		235	REF		
		236	1		
172-58656-5		263-52	REF		
172-58678-20		239-14	1		
		248	REF		
172-58678-30		239	1		
		244-30	REF		
		248	REF		
172-58679		254	1		
		255	1		
		258-40	REF		
		259-27	REF		
172-58679-3		254	1		
172-58801-11		81-23	2		
172-58801-17		81-17	1		
172-58801-19		80-18	1		
		85-23	REF		
172-58801-21		80-37	1		
172-58801-25		80-8	1		
172-58801-27		80-6	1		
		85-24	REF		
172-58801-29		80-38	1		
172-58801-3		80-40	REF		
		81-21	2		
		233-34	REF		
172-58801-33		81-10	1		
172-58801-35		81-31	1		
		85	REF		
172-58801-41		81-28	1		
172-58801-43		81-11	1		
172-58801-45		81-30	1		
172-58801-47		81-25	1		
172-58801-53		81-19	1		
172-58801-55		80-25	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-58801-57		86-22	1		
172-58801-59		86	1		
172-58801-61		86-2	1		
172-58801-63		86	1		
172-58801-65		84-3	1		
172-58801-67		80-22	1		
172-58801-69		80-21	1		
172-58801-7		81-24	1		
		233-35	REF		
172-58801-71		81	2		
172-58801-73		81	1		
172-58801-75		80-23	1		
172-58801-9		80-41	REF		
		81-22	1		
		85	REF		
172-58802-11		86-16	1		
172-58802-17		86-17	1		
172-58802-19		86-20	1		
172-58802-23		86-23	1		
172-58802-25		86-15	1		
172-58802-33		84-12	1		
172-58802-35		84	1		
172-58802-37		84-11	1		
172-58802-39		84	1		
172-58802-41		85-13	1		
172-58802-43		85	1		
172-58802-45		85	1		
172-58802-47		85	1		
172-58802-49		85	1		
172-58802-51		85	1		
172-58802-53		85	1		
172-58802-55		85	1		
172-58802-57		85	1		
172-58802-59		85	1		
172-58802-61		85	1		
172-58802-63		85	1		
172-58802-65		85	1		
172-58802-67		84	1		
172-58802-69		84	1		
172-58802-71		84	1		
172-58802-73		84	1		
172-58802-75		84	1		
172-58802-77		84	1		
172-58802-79		84	1		
172-58804-3		80-26	1		
172-58804-5		80-35	1		
172-58804-7		80-36	1		
172-58805-11		218-19	1		
172-58805-13		218-17	1		
172-58805-15		259-20	1		
172-58805-17		259-18	1		
172-58805-19		244-32	REF		
		258-11	1		
172-58805-21		258-9	1		
172-58805-23		259-22	1		
172-58805-25		259-23	1		
172-58805-27		244-1	1		
172-58805-29		244-18	1		
172-58805-3		217-27	1		
172-58805-31		244-12	1		
172-58805-33		244-7	1		
172-58805-35		244-5	1		
172-58805-37		244-4	1		
172-58805-41		257-25	1		
172-58805-43		240-33	1		
		257-30	REF		
172-58805-45		217	1		
172-58805-47		217	1		
172-58805-5		217-28	1		
172-58805-51		258	1		
172-58805-53		258	1		
172-58805-55		241-41	1		
172-58805-57		241-46	1		
172-58805-59		217	1		
172-58805-61		217	1		
172-58805-63		244	1		
172-58805-65		240	1		
172-58805-67		217-29	1		
172-58805-69		232-31	1		
172-58805-7		217-30	1		
172-58805-71		217	1		
172-58805-73		217	1		
172-58805-9		217-29	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-58806-11		244-3	1		
172-58806-13		244-2	1		
172-58806-15		240	1		
172-58806-17		257	1		
172-58806-19		257	1		
172-58806-23		258	1		
172-58806-25		241	1		
172-58806-27		258-7	1		
172-58806-29		258-5	1		
172-58806-3		244-11	1		
172-58806-31		256	1		
172-58806-33		256-40	1		
172-58806-35		241	1		
172-58806-37		241	1		
172-58806-39		241	1		
172-58806-41		259	1		
172-58806-43		259	1		
172-58806-5		244-10	1		
172-58806-7		244-8	1		
172-58806-9		244-6	1		
172-58807-11		232-17	1		
		250-22	REF		
172-58807-15		250-7	1		
172-58807-17		250-16	1		
172-58807-19		250-14	1		
172-58807-21		250-18	1		
172-58807-23		232-2	1		
		250-21	REF		
172-58807-25		250-15	1		
172-58807-27		250-17	1		
172-58807-29		250-12	1		
172-58807-3		250-8	1		
172-58807-31		233-14	1		
172-58807-33		233-15	1		
172-58807-35		233-26	1		
172-58807-37		232-1	1		
172-58807-39		233-10	1		
172-58807-41		233-11	1		
172-58807-43		227-27	1		
172-58807-45		233-4	1		
172-58807-47		232-35	1		
172-58807-49		233-17	1		
172-58807-5		250-9	1		
172-58807-51		233-19	1		
172-58807-53		233-18	1		
172-58807-55		233-16	1		
172-58807-57		233-27	1		
172-58807-59		233-25	1		
172-58807-61		233-24	1		
172-58807-63		227-3	1		
172-58807-65		234-22	1		
172-58807-67		233-1	1		
172-58807-69		233-3	1		
172-58807-7		232-18	1		
		250-23	REF		
172-58807-71		233-2	1		
172-58807-73		227-29	1		
		232-38	REF		
172-58807-75		227-14	1		
172-58807-77		227-8	1		
172-58807-79		232-9	1		
172-58807-9		250-13	1		
172-58810-11		251-35	1		
172-58810-13		251-18	1		
172-58810-15		251-20	1		
172-58810-17		236-41	1		
172-58810-27		236-35	1		
172-58810-3		251-33	1		
172-58810-31		236-39	1		
172-58810-33		236-40	1		
172-58810-35		251-15	1		
172-58810-37		251-27	1		
172-58810-39		237-17	1		
172-58810-41		237-15	1		
172-58810-43		251-14	1		
172-58810-45		251-29	1		
172-58810-47		240-34	REF		
		251-28	1		
172-58810-49		240-12	1		
172-58810-5		251-12	1		
172-58810-51		237-21	1		
172-58810-53		237-19	1		
172-58810-55		237-25	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-58810-57		237-23	1		
172-58810-59		240-11	1		
172-58810-61		240-10	1		
172-58810-63		240-8	1		
172-58810-65		240-9	1		
172-58810-67		251	1		
172-58810-69		236-38	1		
172-58810-7		251-13	1		
172-58810-71		236-37	1		
172-58810-73		236-45	1		
172-58810-75		236-47	1		
172-58810-77		236-49	1		
172-58810-79		236-43	1		
172-58810-81		236-46	1		
172-58810-83		236-48	1		
172-58810-9		251-34	1		
172-58813-11		241-5	1		
172-58813-15		241-6	1		
172-58813-17		241-43	1		
172-58813-19		242-8	1		
172-58813-21		242-5	1		
172-58813-23		242-1	1		
172-58813-25		241-42	1		
172-58813-29		241-40	1		
172-58813-3		241-3	1		
172-58813-33		241-45	1		
172-58813-35		240-26	1		
172-58813-41		242-15	1		
172-58813-5		241-1	1		
172-58813-51		240-2	1		
172-58813-53		240-1	1		
172-58813-57		240-29	1		
172-58813-59		241-25	1		
172-58813-61		240-25	1		
172-58813-63		240-18	1		
172-58813-65		240-19	1		
172-58813-67		240-20	1		
172-58813-69		240-21	1		
172-58813-71		240-22	1		
172-58813-73		240-23	1		
172-58813-75		240-14	1		
172-58813-77		240-24	1		
172-58813-79		242-17	1		
172-58813-9		241-4	1		
172-58814-21		240-5	1		
172-58814-23		242-10	1		
172-58814-25		240-13	1		
172-58814-27		242-12	1		
172-58814-3		242-16	1		
172-58814-31		240-27	1		
172-58814-33		240-28	1		
172-58814-39		242-6	1		
172-58814-43		242-7	1		
172-58814-47		258-3	1		
172-58814-49		240-3	1		
172-58814-51		241-24	1		
172-58814-53		241-38	1		
172-58814-55		240-7	1		
172-58815-11		241-44	1		
172-58815-13		240-30	1		
172-58815-15		241-39	1		
172-58815-17		240-31	1		
172-58815-19		240-32	1	1	
172-58815-21		240-4	1		
172-58815-29		259-5	1		
172-58815-3		257-7	1		
172-58815-33		259-4	1		
172-58815-35		256-39	1		
172-58815-37		258-4	1		
172-58815-39		256-35	1		
172-58815-41		256-23	1		
172-58815-43		251-23	1		
172-58815-45		251-30	1		
172-58815-5		259-3	1		
172-58815-59		258-8	1		
172-58815-61		240-35	REF		
		259-2	1		
172-58815-65		251-24	1		
172-58815-67		251-25	1		
172-58815-7		259-15	1		
172-58815-77		257	1		
172-58815-79		256	1		
172-58815-81		256	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-58815-83		251-9	1		
172-58815-85		244-19	1		
172-58815-87		244-17	1		
172-58815-89		244-16	1		
172-58815-9		241-2	1		
172-58815-91		244-15	1		
172-58815-93		244-14	1		
172-58815-95		244-13	1		
172-58817-13		257-29	1		
172-58817-25		257-26	1		
172-58817-27		259-21	1		
172-58817-29		259-19	1		
172-58817-31		259-17	1		
172-58817-37		258-1	1		
172-58817-39		256-3	1		
172-58817-41		256-7	1		
172-58817-43		256-18	1		
172-58817-45		256-17	1		
172-58817-47		256-15	1		
172-58817-49		256-14	1		
172-58817-51		256-12	1		
172-58817-53		256-10	1		
172-58817-55		256-8	1		
172-58817-57		256-4	1		
172-58817-65		257-1	1		
172-58817-67		257-2	1		
172-58817-69		257-5	1		
172-58817-71		256-24	1		
172-58817-73		256-22	1		
172-58817-75		256-20	1		
172-58817-77		256-37	1		
172-58817-79		257-6	1		
172-58818-11		237-16	1		
172-58818-13		251-11	1		
172-58818-23		237-27	1		
172-58818-25		237-13	1		
172-58818-27		251-10	1		
172-58818-29		251-19	1		
172-58818-3		259-16	1		
172-58818-31		237-26	1		
172-58818-33		237-20	1		
172-58818-35		237-18	1		
172-58818-37		237-22	1		
172-58818-39		237-24	1		
172-58818-41		236-51	1		
172-58818-43		251-21	1		
172-58818-47		251-16	1		
172-58818-49		256	1		
172-58818-51		259	1		
172-58818-53		240	1		
172-58818-55		227-7	1		
172-58818-57		232-4	1		
		250-20	REF		
172-58818-59		218-4	1		
172-58818-61		259	1		
172-58818-63		259	1		
172-58818-65		227	1		
172-58818-67		264	1		
172-58818-69		264	1		
172-58818-71		264	1		
172-58818-73		264	1		
172-58818-75		227	1		
172-58818-79		241-36	1		
172-58818-9		237-14	1		
172-58821-11		264-42	1		
172-58821-13		264-17	1		
172-58821-15		264-16	1		
172-58821-17		264-6	1		
172-58821-19		264-29	1		
172-58821-23		264-30	1		
172-58821-25		264-40	1		
172-58821-27		264-41	1		
172-58821-29		264-8	1		
172-58821-3		266-17	1		
172-58821-31		264-5	1		
172-58821-33		264-4	1		
172-58821-35		264-9	1		
172-58821-37		264-13	1		
172-58821-39		265-13	1		
172-58821-41		265-12	1		
172-58821-43		265-8	1		
172-58821-45		265-49	1		
172-58821-47		265-50	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-58821-49		265-48	1		
172-58821-51		265-45	1		
172-58821-53		265-9	1		
172-58821-57		265-18	1		
172-58821-59		265-16	1		
172-58821-61		265-19	1		
172-58821-65		263-22	1		
172-58821-67		263-21	1		
172-58821-69		263-19	1		
172-58821-7		264-21	1		
172-58821-71		263-18	1		
172-58821-77		265-6	1		
172-58821-79		265-5	1		
172-58822-17		263-43	1		
172-58822-19		263-45	1		
172-58822-21		263-42	1		
172-58822-23		263-44	1		
172-58822-25		266-21	1		
172-58822-29		265-17	1		
172-58822-3		263-37	1		
172-58822-31		263-17	1		
172-58822-33		266-26	1		
172-58822-37		266-27	1		
172-58822-41		265-42	1		
172-58822-43		265-44	1		
172-58822-45		263-9	1		
172-58822-47		263-8	1		
172-58822-49		265-46	1		
172-58822-5		263-39	1		
172-58822-51		264-19	1		
172-58822-65		264-32	1		
172-58822-67		264-22	1		
172-58822-69		264-31	1		
172-58822-7		263-36	1		
172-58822-71		265	1		
172-58822-73		265	1		
172-58822-75		264-33	1		
172-58822-77		265	1		
172-58822-79		264	1		
172-58822-9		263-38	1		
172-58823-11		266-16	1		
172-58823-13		266-19	1		
172-58823-15		266-18	1		
172-58823-17		266-23	1		
172-58823-19		266-25	1		
172-58823-21		264	1		
172-58823-23		264	1		
172-58823-27		265-36	1		
172-58823-29		266-28	1		
172-58823-31		266-30	1		
172-58823-33		266-29	1		
172-58823-35		264	1		
172-58823-37		265-40	1		
172-58823-39		277-18	1		
172-58823-41		436-10	1		
		468-19	1		
172-58823-43		436-14	1		
		468-23	1		
172-58823-45		277	1		
172-58823-49		265-35	1		
172-58823-55		265	1		
172-58823-57		263	1		
172-58823-59		266-22A	1		
172-58823-61		266-19A	1		
172-58823-63		266-23A	1		
172-58823-65		266-32	1		
172-58823-67		266-33	1		
172-58823-69		266-34	1		
172-58823-7		264-28	1		
		266-22	1		
172-58823-9		266-31	1		
172-61601		343	NP		
172-61605		343-8	1		
172-61606		162	1		
172-61607		343-22	1		
172-61608		343-13	1		
172-61609		343-12	1		
172-61611		343-16	1		
172-61615		343-20	1		
172-61616		343-3	1		
172-61617		343-4	1		
172-61659		353-11	1		
172-61661		162-38	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-61661		353-7	1		
172-61662		162-37	1		
172-61666		344-12	1		
172-61667-10		344-8	2		
172-61668		344-11	1		
172-61670		162-49	1		
		353-29	1		
172-61671-1		162-50	1		
		353-21	1		
172-61671-2		162	1		
		353-22	1		
172-63223		478-22	1		
172-63225		478-26	1		
172-63226		478-23	1		
172-63227		478-27	REF		
172-63228		478-28	1		
172-63230		478-16	1		
172-66301		354	NP		
172-66305		354-11	1		
172-66307		353-46	2		
172-66308		353-49	1		
172-66309		354-18	1		
172-66312		353-50	2		
172-66634		354-35	2		
172-66640		354-29	1		
172-66641		354-39	1		
172-66642		354-31	1		
172-66643		354-36	1		
172-66644		354-34	1		
172-68005		477-57	1		
172-68009		477-58	1		
172-68010		477-59	1		
172-68701-1		23	NP		
		61	NP		
172-68701-2		23	NP		
		61	NP		
172-68702		72-24	1		
172-68703		72-3	1		
172-68704		71-9	2		
		72-10	4		
172-68705		61	1		
		72	REF		
172-68705-10		61-14	1		
		72	REF		
172-68707		68-25	1		
		69-21	1		
172-68739		61	1		
172-68740-1		27-18	1		
172-68740-2		27	1		
172-69001		344	NP		
172-69002		344	1		
172-69002-3		344-9	2		
172-69002-5		344-10	1		
172-69003		162	1		
172-69004		162-33	1		
172-69005-1		162-46	1		
172-69005-2		162	1		
172-69006		344-15	2		
		353-37	2		
172-69007		344-16	1		
172-69209		354	1		
172-69217		354-10	1		
172-69220		354-25	1		
172-69221		354-6	2		
172-69222		354-24	1		
172-69223		354-4	1		
172-69224-3		354-7	1		
172-69224-5		354-9	1		
172-69225		354-23	1		
172-69301		353	NP		
172-69302		353-34	1		
172-69303		353	1		
172-69304		353-4	1		
172-69305-1		353-15	1		
172-69305-2		353-16	1		
172-69306		353	1		
172-69306-3		353-13	1		
172-69306-5		353-14	1		
172-69309		353-38	1		
172-69309-3		353-44	1		
172-69309-5		353-48	2		
172-69309-7		353-52	4		
172-69310		353	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
172-69314		353-45	1		
172-69315		353-42	1		
172-69316		353-43	1		
172-69317		353-10	1		
172-71004		337-23	1		
172-71004-10		337-12	1		
172-71004-4		337-26	1		
172-71004-5		337	1		
172-71004-6		337-36	1		
172-71004-7		337	1		
172-71004-8		104-26	1		
172-71004-9		104	1		
172-71006		335	3		
172-71007		335-29	1		
172-71009		338-10	1		
172-71009-4		338-13	1		
172-71009-5		338	1		
172-71009-6		338-23	1		
172-71009-7		338	1		
172-71009-8		104	1		
172-71009-9		104	1		
172-71010		104-15	1		
172-71011		104	NP		
172-71013		104-21	REF		
172-71014		104-20	1		
172-71015		104-9	1		
172-71016		104	1		
172-71017		104-19	2		
172-71018		104-25	1		
172-71022		337-21	1		
172-71023		337-19	1		
172-73322		374-55	1		
172-73327		374-1	1		
172-73328		374-3	1		
172-73329		374-4	1		
172-73560		162-9	1		
172-74002		330	1		
172-74021-1		330-12	1		
172-74021-13		330	1		
172-74022		330	1		
172-74023		330	1		
172-74024		329-25	1		
172-74025-20		335-10	1		
172-74026		335-15	1		
172-74029		329-8	1		
172-74030		329-1	1		
172-74030-3		329-9	1		
172-74031		108	NP		
		330	NP		
172-74037		333	2		
172-74039		327-10	1		
172-74040		331-42	1		
		331A-45	1		
172-74041		327-13	REF		
		331-44	1		
		331A	1		
172-74042		327	REF		
		331-39	1		
		331A-42	1		
172-74042-3		327-4	1		
172-74042-5		327-5	2		
172-74045		330	2		
172-74048		332-30	1		
172-74049		332-36	1		
172-74049-11		332	1		
172-74051		330-33	1		
172-74052-10		329-10	1		
172-74053		335	1		
172-74057		329	1		
172-931822		105-7	1		
		354-40	REF		
172-933004		413-45	REF		
172-946032		461-28	REF		
172-946036		455-25	REF		
172-954002		471	1		
173-18009		33-15	4		
173-18011-27		33-29	1		
173-18011-28		33	1		
173-18011-29		33-26	1		
173-18011-30		33	1		
173-18011-31		33-33	1		
173-18011-32		33	1		
173-18011-33		33-36	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
173-18011-34		33	1		
173-18017		33-20	4		
173-18018		33-22	4		
173-18019		33-16	4		
173-18024		33-32	2		
		33-39	2		
173-33503-7		29-8	1		
173-33504		29	1		
173-33504-11		29	1		
173-58028-1		78-14	1		
173-58028-2		78	1		
173-58030		221-29	1		
173-58033		222-19	1		
173-58041-11		260-21	1		
173-58045		219-20	1		
173-71036		336-4	2		
173-933102-3		415-10	REF		
173-933102-4		415	REF		
173-934102-10		403-39	REF		
17320-20		391-33	1		
17474		83-28	1		
175-48314		70	1		
175-48316		70	2		
175-48317		70	2		
175-48318		70	1		
175-48320		52-28	REF		
		54-58	1		
		70	REF		
175-48320-3		70	1		
175-48322		70	1		
175-48324		70	1		
175-51070		479-37	1		
175-54331		410-15	1		
		418	1		
		425	REF		
175-54331-10		410	1		
		418-16	1		
		425	REF		
		426-18	1		
175-54332		409	REF		
		409-16	1		
		418	1		
		421-6	1		
		422-19	1		
		424-32	1		
		425	REF		
		429-36	1		
175-54332-10		409	1		
		418-21	1		
		421	1		
		424	1		
		425	REF		
		427-19	1		
		428-12	1		
175-54334		425-17	1		
175-54335		425	1		
175-54336-1		423-3	1		
		425-3	1		
175-54336-2		423-4	1		
		425-4	1		
175-54337-5		423-11	1		
		425-11	1		
175-54337-7		425	1		
175-54338-1		423-13	1		
		425-13	1		
175-54338-2		423-14	1		
		425-14	1		
175-54339		423	1		
		425	1		
175-54343		423-18	1		
		425-18	4		
175-54344-5		423-10	1		
		425-10	1		
175-54344-7		425	1		
175-54385		425	1		
175-54386		425-6	1		
175-54387-5		423-9	1		
		425-9	1		
175-54387-7		425	1		
175-54389		423-7	1		
		425-7	1		
175-74046		327-8	1		
17500		375-6	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
17500A		375-6	REF		
17550		375	REF		
17550-1		375	REF		
176-14426-1		12	1		
176-14426-2		12	1		
176-14726-1		12	1		
176-14726-2		12	1		
176-14767		12-31	1		
		14-32	1		
176-14813		12-32	1		
176-18050		32	1		
176-25050-1		103-19	1		
176-25050-2		103	1		
176-31010-1		106-8	1		
176-31010-2		106	1		
176-31032		108	1		
		112	REF		
176-31132		114	1		
		144	REF		
176-31147-1		114	1		
176-31147-2		114	1		
176-31147-51		114	1		
176-31147-61		114	1		
176-31147-71		114	1		
176-31179		116-7	1		
176-31181-1		116-8	1		
176-31181-2		116	1		
176-31184		116-9	1		
176-31185		116	1		
176-31186		116	1		
176-31187		116-10	2		
176-31195-1		115-3	1		
176-31195-2		115	1		
176-31196		116-11	1		
176-31274		106	1		
176-31277		106	1		
176-31278		106-19	1		
176-31330		160-13	1		
176-31340		160-5	1		
176-31340-10		160	1		
176-31730		114	1		
		128	REF		
176-31731		112	1		
		115	REF		
176-31731-47		115-35	1		
176-31731-49		115-36	1		
176-31801		108	NP		
		168	NP		
176-31805		168-25	1		
176-31818		168-29	1		
		169	REF		
176-31818-3		169-10	1		
176-31822		105-7A	REF		
176-31826		165-12	1		
176-31827		170-53	1		
176-31832		175	1		
176-31835		169-13	1		
176-31836		169-8	1		
176-31837-10		175-22	1		
176-31859		168-47	1		
		364-17	1		
		364-21	1		
		487B-6	1		
176-31859-3		364	2		
176-31860		165-25	1		
176-31864-3		175-26	1		
176-31864-5		175	1		
176-31870-11		165	1		
176-31870-12		165	1		
176-31870-21		165-27	1		
176-31870-22		165	1		
176-31871		165-26	1		
176-31871-10		165	1		
176-31872-1		165-15	1		
176-31872-2		165	1		
176-31872-3		165	1		
176-31872-4		165	1		
176-31873		165-23	1		
176-31874		165-19	1		
176-31875		165-18	1		
176-31876		165-16	1		
176-31877		175-8	1		
176-31879		165-20	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
176-31880		165	1		
		175	1		
176-31880-10		165	1		
		175	1		
176-31880-20		165	REF		
		175-20	1		
176-31881		175-17	1		
176-31882		175-16	1		
176-31883		165-13	1		
176-31884		165-5	1		
176-31885		165-22	1		
176-31886		165-24	1		
176-31887		165-21	1		
176-31888-1		165	REF		
		175-23	1		
176-31888-11		165	1		
		175	1		
176-31888-12		165	1		
		175	1		
176-31888-2		165	REF		
		175-24	1		
176-31889		175-9	1		
176-31890		175-7	1		
176-31891		175-2	1		
176-31892		174-18	1		
176-31893		165-17	1		
176-31893-10		165	1		
176-31894		175-25	1		
176-31895		175-21	1		
176-31897-10		175-19	1		
176-31898		174-19	1		
176-31926		433-29	1		
		443	REF		
176-31926-10		433	1		
		443	REF		
176-31927-11		443	1		
176-31927-13		443	1		
176-31927-3		443-5	1		
176-31927-5		443-6	1		
176-31927-9		443	1		
176-31928		443-8	5		
176-31929		443-9	1		
176-31929-3		443	1		
176-31930		443-13	1		
176-31931		443	1		
176-31931-3		443-14	1		
176-31932		443-12	1		
176-33801-1		396	NP		
176-33801-11		396	NP		
176-33801-12		396	NP		
176-33801-2		396	NP		
176-33801-21		396	NP		
176-33801-22		396	NP		
176-33811-1		396-13	1		
		418	REF		
		419	REF		
176-33811-11		396	REF		
176-33811-12		396	REF		
176-33811-2		396	1		
		418	REF		
		419	REF		
176-33811-21		396	1		
		418	REF		
176-33811-22		396	1		
		418	REF		
176-33812-1		418-15	1		
		419-14	1		
176-33812-2		418	1		
		419	1		
176-33813-1		418	1		
		419	1		
176-33813-2		418	1		
		419	1		
176-33813-3		418-12	1		
		419-11	1		
176-33814-1		418-13	1		
		419-12	1		
176-33814-2		418	1		
		419	1		
176-33815-1		418-11	1		
		419-10	1		
176-33815-2		418	1		
		419	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
176-33817-1		418-14	1		
		419-13	1		
176-33817-2		418	1		
		419	1		
176-33818		418-18	2		
176-33819-1		418-28	1		
176-33819-2		418	1		
176-33821-1		396-27	REF		
		410	REF		
176-33821-11		396-27	1		
		410	REF		
176-33821-12		396	1		
		410	REF		
176-33821-2		396	REF		
		410	REF		
176-33823-1		410-14	1		
176-33823-2		410	1		
176-33824-1		396-24	1		
176-33824-2		396	1		
176-33826		396-19	1		
176-33827		396-17	1		
176-33828		410-6	1		
176-33829		410-9	2		
176-33831-1		396-1	1		
		409	REF		
176-33831-11		396	REF		
176-33831-12		396	REF		
176-33831-2		396	1		
		409	REF		
176-33831-21		396	1		
		409	REF		
176-33831-22		396	1		
		409	REF		
176-33832-1		409-15	1		
176-33832-2		409	1		
176-33833		409-10	REF		
176-33833-10		409-10	REF		
176-33833-20		409-10	1		
176-33834-11		409-6	1		
176-33835-1		409-3	1		
176-33835-2		409	1		
176-33851		421-5	1		
176-33851-3		421-10	1		
176-33852-1		421-21	1		
176-33852-2		421	1		
176-33853		421-17	1		
176-33853-3		421	1		
176-33857-1		397-21	1		
		421	REF		
176-33857-11		397	REF		
176-33857-12		397	REF		
176-33857-2		397	1		
		421	REF		
176-33857-21		397	1		
		421	REF		
176-33857-22		397	1		
		421	REF		
176-33858-1		397-15	1		
		421	REF		
176-33858-11		397	1		
		421	REF		
176-33858-12		397	1		
		421	REF		
176-33858-2		397	1		
		421	REF		
176-34147		407	1		
176-34147-11		407	1		
176-34267-5		411	1		
176-34669		403-11	REF		
176-34801		108	NP		
		404	NP		
176-34805		404-7	1		
176-34806		426-9	1		
176-34807		128-22	1		
176-34808		426-17	1		
176-34809		426-16	1		
176-34810		404-6	1		
		426	REF		
176-34810-11		404	1		
		426	REF		
176-34820		404-31	1		
		428	REF		
176-34820-10		404	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
176-34820-10		428	REF		
176-34820-20		404	1		
		428	REF		
176-34821		404-23	1		
176-34825		428-19	1		
176-34830		404-1	1		
		427	REF		
176-34830-11		404	1		
		427	REF		
176-34831		427-6	1		
176-34832		427-8	1		
176-34833		427-5	1		
176-34834-21		427-18	1		
176-34835		427-14	REF		
176-34835-3		427-14	1		
176-34847		127-33	1		
176-34848		127-33	REF		
		404-32	1		
176-34850		428	REF		
		430-11	1		
176-34850-11		428	REF		
		430	1		
176-34851		428-11	1		
176-34852		428-1	1		
176-34853-10		430	1		
176-34854-10		430-4	1		
176-34855		430	1		
176-34855-3		430-6	1		
176-34860		404-14	1		
176-34860-11		404	1		
		422	REF		
176-34861		422-17	1		
176-34862		422-18	1		
176-34863		404	1		
176-34864		422-16	1		
176-34865		404-11	1		
176-34867		404-13	1		
176-40001		432	NP		
176-42001		432-6	1		
		433	REF		
		465	1		
176-42001-100		432	1		
		433	REF		
176-42001-200		432	1		
		433	REF		
176-42001-250		432	1		
		433	REF		
176-42001-300		432	1		
		433	REF		
176-42001-50		432	1		
		433	REF		
176-42005-3		433-21	1		
		464	REF		
		470-29	1		
176-42005-5		433-22	1		
		464	REF		
		470-30	1		
176-42005-51		464-38	1		
176-42005-67		464-1	2		
		464-31	3		
176-42005-71		464-42A	1		
176-42009-50		437-12	REF		
		469-13	REF		
176-42010		433-27	1		
176-42011		464-16	1		
176-42012		464-17	1		
176-42013		464-10	1		
176-42015		433-28	1		
		468-35	1		
176-42016		157-18	1		
176-42017		435-22	1		
		470-31	1		
176-42018		437-51	1		
		469-19	1		
176-42019-11		432-3	1		
176-42020		433-1	2		
		470-17	2		
176-42021		432-7	1		
		470-32	1		
176-42022		437-6	1		
176-42023		437-48	1		
		469-21	1		
176-42025-3		437-24	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
176-42025-5		437-25	1		
176-42026-3		435-41	3		
		468-5	3		
176-42028		157-15	1		
176-42028-10		157-15	REF		
176-42029		157-17	1		
176-42029-10		157-17	REF		
176-42030		157-16	1		
176-42031-3		436-41	1		
		470-7	1		
176-42031-5		436-42	1		
		470-9	1		
176-42032-13		437-16	1		
		469-18	1		
176-42032-29		433-91	1		
		469-49	1		
176-42032-33		437-9	1		
		469-17	1		
176-42032-5		433-35	1		
		469-64	1		
176-42032-9		437-7	1		
		469-28	1		
176-42033		159-24	1		
176-42036-13		433-88	1		
		469-46	1		
176-42037		159	REF		
176-42037-11		159	REF		
		159-25	1		
176-42041-7		437-55	2		
		469-29	2		
176-42046-3		159-26	1		
176-42046-4		159-27	1		
176-42046-5		159-28	2		
176-42047-3		159	1		
176-42047-4		159	1		
176-42050-5		436-56	1		
		468-4	1		
176-42050-7		435-11	1		
		468-36	1		
		469-76	1		
176-42901		465	1		
176-42902		465	1		
176-42902-50		465	1		
176-42904		465	1		
176-42904-100		465	1		
176-42904-300		465	1		
176-42904-50		465	1		
176-43011		435-5	1		
176-43012		435-10	1		
176-43013		432-27	1		
176-43013-3		432-30	1		
176-43014		435-3	1		
		468-32	1		
176-46002		159	1		
176-46003		159-21	1		
176-47002		446	REF		
		448-1	1		
176-47002-19		446-17	1		
176-47005		447-1	1		
176-47005-21		447-2	1		
176-47006		447-3	1		
176-47006-21		447-4	1		
176-47007		435-29	1		
		435-35	1		
176-47009		435-21	1		
		448-48	REF		
176-47011		158-31	REF		
176-47011-5		158-31	1		
176-48201-1		52	REF		
		471	1		
176-48201-101		52	REF		
		471	1		
176-48201-102		52	REF		
		471	1		
176-48201-2		52	REF		
		471	1		
176-48202-1		39	NP		
		41	NP		
176-48202-2		39	NP		
		41	NP		
176-48203		449	NP		
		460	NP		
176-48204-1		19-29	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR
176-48204-1		28-23	1		
176-48204-2		19	1		
		28	1		
176-48205		19-24	1		
		28-10	1		
		28-18	1		
176-48206-1		17-20	1		
		19-20	1		
		28	1		
176-48206-11		17	1		
		19	1		
		28	1		
176-48206-12		17	1		
		19	1		
		28	1		
176-48206-2		17	1		
		19	1		
		28	1		
176-48209		19	1		
		28-15	1		
176-48210		17-23	1		
		19-21	1		
		28	1		
176-48210-10		17	1		
		19	1		
		28	1		
176-48213-1		17-22	1		
		19-31	1		
		28-24	1		
176-48213-2		17	1		
		19	1		
		28	1		
176-48214-1		43-4	1		
176-48214-2		43	1		
176-48215		41-39	2		
176-48217		42-8	1		
176-48218-1		42-5	1		
176-48218-11		36-5	1		
		42	REF		
176-48218-12		36	1		
		42	REF		
176-48218-2		42	1		
176-48218-31		42	1		
176-48218-32		42	1		
176-48220-1		43	REF		
176-48220-11		41-35	1		
		43	REF		
176-48220-12		41	1		
		43	REF		
176-48220-2		43	REF		
176-48221		43-5	1		
176-48223		19	1		
		28-8	1		
176-48224		41-19	1		
176-48225-1		17-24	1		
		19-34	1		
		28-7	1		
176-48225-2		17	1		
		19	1		
		28	1		
176-48226-1		41-13	1		
		42	REF		
176-48226-11		41	1		
		42	REF		
176-48226-12		41	1		
		42	REF		
176-48226-2		41	1		
		42	REF		
176-48250-41		52-22	1		
		54	REF		
176-48250-42		52	1		
		54	REF		
176-48250-51		52	1		
		54	REF		
176-48250-52		52	1		
		54	REF		
176-48250-61		52	1		
		54	REF		
176-48250-62		52	1		
		54	REF		
176-48250-71		52	1		
176-48250-72		52	1		
176-48251		54-15	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
176-48251		59	REF		
176-48252		54-43	1		
176-48253		54-12	1		
176-48253-31		54	1		
176-48254		58-19	1		
176-48255		58-1	1		
176-48255-31		58-7A	2		
176-48255-32		58	1		
176-48256		54-14	1		
		58-28	REF		
176-48257		54-16	1		
176-48258		58-27	4		
176-48259-3		54-20	1		
176-48259-5		54-17	1		
176-48260		58-10	4		
176-48261		54-23	1		
176-48262		54-46	1		
176-48263-3		54-27	1		
176-48263-5		54-24	1		
176-48266		54-41	1		
176-48267		54-40	1		
176-48269		54-10	1		
		54-45	1		
176-48270-1		58-11	1		
176-48270-2		58-13	1		
176-48271		54-44	1		
		59	1		
176-48273-1		54-11	1		
176-48273-2		54	1		
176-48274-3		54-48	1		
176-48275-11		54-13	1		
176-48276		54-7	1		
176-48277		54-9	1		
176-48277-31		54	1		
176-48278		54	1		
176-48278-31		54	1		
176-48278-32		54	1		
176-48280-1		52-29	REF		
		56-5	1		
176-48280-11		56-19	1		
176-48280-13		56-20	1		
176-48280-2		56	1		
176-48280-21		56	1		
176-48280-22		56	1		
176-48281-1		56	1		
176-48281-2		56	1		
176-48282-1		56	1		
176-48282-2		56	1		
176-48283		54-5	1		
176-48284-3		56-32	1		
176-48285-1		57-29	1		
176-48285-2		57	1		
176-48286		57-4	1		
176-48286-25		57	1		
176-48287		56-2	1		
176-48288-3		56-14	4		
176-48288-5		56-17	4		
176-48290-3		56-31	1		
176-48290-5		56-30	1		
176-48290-7		56-29	1		
176-48290-9		56-3	1		
176-48291-1		52	1		
176-48291-2		52	1		
176-48291-25		52	1		
176-48291-26		52	1		
176-48293-1		54-32	1		
176-48293-2		54	1		
176-48294		54-36	1		
176-48295-1		54-34	1		
176-48295-2		54	1		
176-48296-1		54-33	1		
176-48296-2		54	1		
176-48298		57-3	1		
176-48299		51-11	2		
		52-26	2		
176-48302-1		49-6	1		
		52	REF		
176-48302-101		49-4	1		
		52	REF		
176-48302-102		49-5	1		
		52	REF		
176-48302-151		49	1		
		52	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
176-48302-152		49	1		
		52	REF		
176-48302-171		49	1		
		52	REF		
176-48302-172		49	1		
		52	REF		
176-48302-2		49-7	1		
		52	REF		
176-48302-201		49	1		
		52	REF		
176-48302-202		49	1		
		52	REF		
176-48302-251		49	1		
		52	REF		
176-48302-252		49	1		
		52	REF		
176-48302-271		49	1		
		52	REF		
176-48302-272		49	1		
		52	REF		
176-48303-3		51-10	1		
		52-11	1		
176-48303-4		51	1		
		52	1		
176-48305-1		52	1		
176-48305-2		52	1		
176-48306		52-4	1		
176-48307-11		56	1		
176-48307-3		56-33	1		
176-48308		56-34	1		
176-48311		70-20	2		
176-48313		70-30	2		
176-48318-1		58-15	1		
176-48318-2		58-17	1		
176-48322-3		52-30	REF		
		54-56	2		
176-48322-4		54	2		
176-48323		52-5	1		
176-48325		70-21	1		
176-48326		52-16	1		
176-48327		52-20	1		
176-48328-1		57-20	1		
176-48328-2		57	1		
176-48329-1		52-21	1		
176-48329-2		52	1		
176-48331-1		57-12	1		
176-48331-2		57	1		
176-48331-51		57	1		
176-48331-52		57	1		
176-48378		52-25	1		
176-48379		52-24	1		
176-48805-1		41-33	1		
176-48805-2		41	1		
176-48806-1		41-26	1		
		44-29	1		
176-48806-2		41	1		
		44	1		
176-48852		449	REF		
176-48857		450-5	1		
176-48857-31		450	1		
176-51013		6	NP		
		73	NP		
176-51019		180-29	1		
176-51031		108	NP		
		178	NP		
176-51054		180	1		
176-51107		185A-58	1		
		185C-34	1		
176-51108		185A-57	1		
		185C-35	1		
176-51112		185A-59	1		
		185C-36	1		
176-52001		209	NP		
176-52031		108	NP		
		190	NP		
176-52032		202	NP		
176-52050		210	NP		
176-52050-10		210	NP		
176-52050-20		210	NP		
176-52203		207	1		
176-52206-3		204	1		
176-52206-5		204-17	1		
176-52208		204	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
176-52208-5		202	1		
		204	REF		
176-52218		201-16	1		
176-52220-11		205	REF		
176-52220-3		205-29	REF		
176-52220-5		205-29	REF		
176-52220-7		205	REF		
176-52221		201-19	1		
176-52222		198-35	1		
176-52222-5		201-32	2		
176-52223-5		201-26	1		
176-52223-9		198-19	1		
		201-23	1		
176-52224-3		205-14	1		
176-52224-5		205-11	1		
176-52224-7		205	1		
176-52225		190-41	1		
		201	REF		
176-52225-3		201	1		
176-52225-5		190	1		
		201	REF		
176-52225-7		201	1		
176-52225-9		190	1		
		201	REF		
176-52231		201-29	1		
176-52233-9		201-23	1		
176-52235		204-20	1		
176-52239		201-34	1		
176-52241		201-6	1		
176-52242		96-51	REF		
		98-39	REF		
176-52242-10		98-39	1		
176-52243-11		208	1		
176-52243-13		208	1		
176-52243-7		208	1		
176-52243-9		208	1		
176-52244		201-30	1		
176-52248		201	REF		
		201-37	1		
176-52261		96-47	1		
176-52263		205-5	1		
176-52263-10		205	1		
176-52263-20		205	1		
176-52264		205-17	1		
176-52264-10		205	1		
176-52265		205-16	1		
176-52302-5		197-49	1		
176-52322		75-10	1		
176-52322-5		75-13	1		
176-52325-5		197-47	1		
176-52425		192	NP		
		193-45	NP		
176-52428		192-12	1		
176-52431		192-3	1		
176-53009		363	1		
176-53009-10		363	1		
		366	REF		
		367	REF		
176-53053		363	1		
176-53163-10		370	1		
176-53165-1		370	1		
176-53165-2		370	1		
176-53320		377-46	1		
176-53323		378-29	1		
176-53324		157-25	1		
176-53327		386	1		
176-53328		386-21	1		
176-53329		386-22	1		
176-53338		433-25	REF		
		470-1	REF		
176-53338-3		433-24	REF		
		470-22	REF		
176-53339		464-13	1		
176-53340		464-14	1		
176-53341-15		433-23	1		
		464-43	REF		
		470	1		
176-53341-21		433	1		
		470-21	1		
176-53342		464-15	1		
176-53343		436-52	1		
		470-24	1		
176-54014-1		92	NP		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
176-54014-2		92	NP		
176-54014-3		6	NP		
		91	NP		
176-54027-3		94-24	2		
		95-20	1		
176-54031		108	NP		
		278	NP		
		279	NP		
176-54032		294-21	1		
		321	REF		
176-54032-11		294	1		
		321	REF		
176-54033		321	1		
		321-12	1		
176-54033-11		321	1		
176-54033-3		321-13	1		
176-54033-5		321-14	1		
176-54034		321-11	1		
176-54034-11		321	1		
176-54035		289	4		
		321	4		
		328	1		
176-54040		279	1		
		279-15	REF		
176-54078		436-1	REF		
176-54083		177-35	1		
176-54124		315-9	1		
176-54127		315-34	1		
176-54131		107	1		
		108	NP		
		325	NP		
176-54136		94-20	2		
		95-21	1		
176-54178		436-1	1		
176-54180		479-13	1		
176-54181		471	2		
176-54182		433-7	1		
		470-20	1		
176-54231		108	NP		
		313	NP		
176-54295		287-10	1		
176-54295-10		287	1		
176-54296		287	REF		
		294	1		
176-54296-10		287	REF		
		294	1		
176-54297		287-8	1		
176-54298		287-9	1		
176-54331-10		428-22	1		
176-58411		436-23	1		
		468-31	1		
176-58412		436-22	1		
		468-30	1		
176-58413-11		436-35	REF		
		468-6	REF		
176-58413-15		436-35	1		
		468-6	1		
176-58601		436-44	1		
		445	REF		
		470-5	1		
176-58602		436-45	1		
		444	REF		
		470-4	1		
176-58706		96	1		
		205-41	REF		
176-58706-191		96	1		
176-58706-200		96	1		
176-58706-25		96	1		
176-58711		206-14	1		
176-58712		206-24	1		
176-58713		206	1		
176-58731		206-23	1		
176-58732		206-35	1		
176-58733		206-36	1		
176-58734		206-37	1		
176-58735		206-38	1		
176-58737		206-39	1		
176-58738		206-40	1		
176-58739		206-41	1		
176-58801-3		259	1		
176-58801-5		241	1		
176-58817-11		240-15	1		
176-58817-13		240-16	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
176-58E17-13		256-42	REF		
176-58817-15		240-17	1		
176-58E17-17		258-10	1		
176-58817-19		258-24	1		
176-58817-21		258-22	1		
176-58817-23		257-23	1		
176-58E17-25		258-6	1		
176-58817-27		258-13	1		
176-58E17-29		258-20	1		
176-58E17-31		258-12	1		
176-58817-33		257-22	1		
176-58817-35		257-21	1		
176-58E17-37		257-8	1		
176-58E17-39		445-24	1		
176-58817-41		436-40	1		
		470-6	1		
176-58817-7		436-21	1		
		468-10	1		
176-58817-9		240-6	1		
176-62033		471	1		
176-66001		352	NP		
176-66C05		355-9	1		
176-66006		352-38	1		
176-66007		352-37	1		
176-66C08-30		352-36	1		
176-66CC9		352-19	REF		
176-66CC9-10		352-19	1		
176-66010		352-28	REF		
176-66C10-10		352-28	1		
176-66011		352-23	1		
176-66012		352-24	REF		
176-66012-10		352-24	1		
176-66013		352-27	1		
176-66014-3		352-30	1		
176-66015		352-35	1		
176-66016-1		352-10	1		
176-66016-2		352-11	1		
176-66017-1		352-12	1		
176-66017-2		352-13	1		
176-66018		352-3	1		
176-66C19		352-6	2		
176-66020		352-18	1		
176-66021		352-25	1		
176-66022		352-7	4		
176-66023		352-8	2		
176-66030		352-32	1		
		355	REF		
176-66030-10		352	1		
		355	REF		
176-66030-20		352-33	1		
		355	REF		
176-66031		355-7	1		
176-66032		355-6	1		
176-66033		355-8	1		
176-66034		355-5	1		
176-66040		352	NP		
176-66040-10		352	NP		
176-68701		62	NP		
176-68701-10		62	NP		
176-68701-20		62	NP		
176-68701-30		62	NP		
176-68704		64-4	2		
		65-35	1		
176-68705-1		67-1	1		
176-68705-2		67	1		
176-68706		72-22	1		
176-68707-1		67-20	1		
176-68707-2		67	1		
176-68708		67-22	1		
176-68709		67-21	1		
176-68710-1		67-23	1		
176-68710-2		67	1		
176-68711		67	1		
176-68712		61	1		
176-68713		67-2	1		
176-68714-10		67-18	2		
176-68720		67-19	2		
176-68721		64-24	2		
		65-24	1		
176-68724-1		64-3	1		
176-68724-2		64	1		
176-68727-1		67-5	1		
176-68727-2		67	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
176-68728		67-9	1		
176-68730		67-10	1		
176-68731		67-27	2		
176-68731-3		67-29	1		
176-68732		67-30	1		
176-68733-1		64-33	1		
		65-32	1		
176-68733-2		64	1		
		65	1		
176-68737		61-13	1		
176-68739-1		65-27	REF		
176-68739-2		65	REF		
176-68739-3		64-28	1		
		65-27	1		
176-68739-4		64	1		
		65	1		
176-68745-1		64-10	1		
		65-10	1		
176-68745-11		64	1		
		65	1		
176-68745-12		64	1		
		65	1		
176-68745-2		64	1		
		65	1		
176-68748		61	2		
		62-35	2		
176-68750-1		64-11	1		
		65-11	1		
176-68750-2		64	1		
		65	1		
176-68751-1		65-33	REF		
176-68751-2		65	REF		
176-68751-5		64-34	1		
		65-33	1		
176-68751-6		64	1		
		65	1		
176-68752		71-5	1		
176-68753		64-15	1		
		65-15	1		
176-68753-10		64	1		
		65	1		
176-68754-1		69	REF		
176-68754-11		64	3		
		65-4	3		
		69	REF		
176-68754-12		64	3		
		65	3		
		69	REF		
176-68754-13		64-27	1		
		65-5	1		
		69	REF		
176-68754-14		64	1		
		65	1		
		69	REF		
176-68754-15		64	1		
		69	REF		
176-68754-16		64	1		
		69	REF		
176-68754-2		69	REF		
176-68754-3		69	REF		
176-68754-4		69	REF		
176-68754-5		69	1		
176-68754-7		69-20	1		
176-68754-9		69	REF		
176-68758		69-29	1		
176-68759		69-5	1		
176-68760		69-3	1		
176-68764		64-36	REF		
		65-36	REF		
		69	1		
176-68764-3		69	1		
176-68765		69-31	1		
176-68766		69-32	1		
176-68767		71-12	1		
176-68768		62-33	1		
176-68769		64-2	1		
176-68770		64-5	2		
		65-6	1		
176-68771		64-6	2		
		65-7	1		
176-68772		64-7	2		
		65-8	1		
176-68773		64-8	2		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
176-68773		65-9	1		
		67-40	REF		
176-68774		71-17	1		
176-68775		62-15	1		
		71	REF		
176-68776		62-5	1		
176-68777		62-1	1		
176-68778		62-2	1		
176-68779		62-9	1		
176-68780		62-8	1		
176-68782		62-4	1		
176-68782-3		62-7	2		
176-68782-5		62-6	1		
176-68783		62-3	1		
176-68785		71-16	1		
176-68787		62-28	1		
176-68790		114	1		
176-68791		64-35	1		
		65-34	1		
176-71009		339-15	1		
176-71009-3		338	1		
		339	1		
176-71009-4		339-18	1		
176-71009-5		339	1		
176-71009-6		340-1	1		
176-71009-7		340	1		
176-71009-8		104	1		
176-71009-9		104	1		
176-71031		108	NP		
		335	NP		
176-73007		471-26	1		
176-73060		471	1		
176-73072		471-8	1		
176-73073		471-25	1		
176-73301		108	NP		
		374	NP		
176-73301-10		108	NP		
		374	NP		
176-73322		375-11	1		
176-73323		375-2	1		
176-73324		375-1	1		
176-73324-10		375	1		
176-73324-20		375	1		
176-73324-3		375-3	1		
176-74045		331-45	1		
		331A-47	1		
176-74046		331-46	1		
		331A-48	1		
176-74047		331-43	1		
		331-47	1		
		331A-46	1		
		331A-49	1		
176-74048		331-48	1		
		331A-50	1		
176-948230		54	REF		
176-954002		471	1		
176-954021		304-27	1		
177-18001-101		7-1	REF		
		32	REF		
177-18001-2		7	REF		
		32	REF		
177-18001-201		7-1	1		
		32	REF		
177-18001-202		7	1		
		32	REF		
177-18001-71		32-8	1		
177-18010-1		32	1		
177-18010-2		32	1		
177-18049		33-12	1		
177-18050		32-1	1		
		33-11	1		
177-58047		234-21	REF		
		274-13	REF		
		275-17	REF		
177-58047-10		234-21	REF		
		274-13	REF		
		275-17	REF		
177-58047-13		234-21	REF		
		274-13	REF		
		275-17	REF		
177-58047-15		234-21	1		
		274-13	1		
		275-17	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
180-17068-3		26-39	2		
180-17069-3		7-63	8		
		18-22	8		
180-17122-3		26-38	2		
180-17123		7-58	8		
		18-17	8		
180-33222		478-27	2		
		479-25	1		
180-66005		355-3	1		
		471	1		
180-66007		352-49	1		
		471	1		
180-69005-3		162-35	1		
180-69007		162-34	1		
181-520184		205-38	1		
181-54217-1		21-7	1		
181-54217-3		21	1		
		95-12	1		
18420-0-200		128	1		
18420-0-45		378-46	1		
18420-45		378-46	REF		
18423-0-.275		162-5	1		
18423-0-260		128-39	1		
18423-0-42		464-19	1		
18423-275		162-5	REF		
1861		341-8	2		
		341-9	4		
187-14419-15		9	4		
187-14419-23		9-8	1		
187-14419-25		9-9	1		
187-14419-31		9	2		
187-14419-51		9	1		
187-14419-61		9	1		
187-14419-9		9-6	2		
187-14469-11		9-7	2		
187-14469-13		9	2		
187-14469-15		9	1		
187-14469-17		9	1		
187-14477-21		20-9	1		
187-14477-22		20	1		
187-14480-1		7	1		
		21	REF		
187-14480-2		7	1		
		21	REF		
187-14500-1		21-2	1		
187-14500-2		21	1		
187-14511-1		7	1		
187-14511-2		7	1		
187-14521		20-32	1		
187-14546-3		20-10	1		
187-14546-4		20	1		
187-14546-5		20-11	1		
187-14546-6		20	1		
187-16009		7	2		
187-17032		26-37	1		
187-31022		147-5	2		
		147-19	1		
187-312310		147-28	1		
187-312316-17		147-14	2		
		147-33	1		
187-312316-19		147-25	1		
187-31838-11		170-24	REF		
187-34540		127-11	1		
187-34541		127	1		
187-34542		127	1		
187-34753-3		403	1		
187-34847		404-12	1		
187-48220		49-3	REF		
		471	1		
		481	REF		
187-48220-10		49	REF		
		471	1		
		481	REF		
187-48222-1		481	1		
187-48222-2		481	1		
187-48223-101		481-17	1		
187-48223-102		481	1		
187-48225-1		481-21	1		
187-48225-2		481	1		
187-48226-1		481-31	1		
187-48226-2		481	1		
187-48227		481-24	1		
187-48228		481-46	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
187-48229-1		481-35	1		
187-48229-2		481	1		
187-48230		481-43	1		
187-48231		481-41	1		
187-48233		481-42	1		
187-48234		481-40	1		
187-48235-1		481-36	1		
187-48235-2		481	1		
187-48236		481-3	1		
187-48237		481-4	1		
187-48238		481-27	1		
187-48239-5		481-16	1		
187-48239-6		481	1		
187-48240		481	1		
187-48242		479-8	8		
		481-2	2		
		481-7	4		
187-48244		481	1		
187-48298		481-12	1		
187-48299		481-10	1		
187-48320		51-40	REF		
187-51054		73-37	1		
187-51054-3		73-38	1		
187-51064		20	1		
		74	REF		
187-51064-3		20	1		
		74	REF		
187-51067-15		74-40	1		
187-51067-17		74-39	1		
187-51078		74-54	1		
187-51079		74-51	1		
187-51080		74-52	1		
187-51081		74	1		
187-51087		20-23	1		
187-51087-11		20-12	1		
187-51088-5		20-20	1		
		20-31	1		
187-51098-10		74-30	1		
187-51098-20		74	1		
187-51099-10		74-38	1		
187-51137		180	1		
187-53086		365-32	1		
187-53087		365-33	1		
187-53098		471	REF		
187-53098-11		471	1		
187-54014		289-1	1		
		321-4	1		
187-54163		92-13	1		
187-54178		316	2		
187-54183-3		92	1		
187-54302		484-17	1		
		485	REF		
187-54810		485-31	1		
187-54811		485-32	2		
187-58029-5		88-17	1		
187-63001		479	1		
187-63002		479	REF		
187-63002-10		479	REF		
187-63002-20		479	REF		
187-63002-30		479	REF		
187-63002-40		471	1		
		479	1		
187-63004		471	1		
		484	REF		
187-63005-1		479-43	1		
187-63005-2		479	1		
187-63006-1		479-50	1		
187-63006-2		479	1		
187-63008-5		480-12	1		
187-63008-7		480	1		
187-63011-1		479	1		
187-63011-2		479	1		
187-63011-31		479	1		
187-63011-32		479	1		
187-63012-1		479-12	REF		
		480-22	1		
187-63012-17		480-23	1		
187-63012-2		479	REF		
		480	1		
187-63012-21		479	REF		
		480	1		
187-63012-22		479	REF		
		480	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
187-63013		480-29	1		
187-63014		479-38	1		
187-63015-3		479-7	4		
		481-1	4		
		484-2	2		
187-63015-5		479-5	2		
		481-6	2		
		484-3	1		
187-63015-7		479-6	2		
		481-5	2		
		484-4	1		
187-63017		479-35	1		
187-63018		479-29	1		
187-63022		480-8	4		
187-63023		480-10	1		
187-63024		480-11	1		
187-63026-1		479-9	1		
187-63026-11		479	1		
187-63026-12		479	1		
187-63026-2		479	1		
187-63026-21		479	1		
187-63026-22		479	1		
187-63026-31		479	1		
187-63026-32		479	1		
187-63028		480	1		
187-63028-3		480-13	1		
187-63029		479-32	1		
187-63030		479-4	REF		
187-63031		480-28	1		
187-63039		479-49	1		
187-63040		479-19	1		
187-63041		479-24	1		
187-63042		479-23	2		
187-63043		480-21	1		
187-63044		480	1		
187-63044-3		480-20	1		
187-63045		480-18	1		
187-63101		484	1		
187-63102-3		484-31	1		
187-63103		484-41	1		
187-63104		484	REF		
187-63104-11		484	1		
187-63106-3		484-32	1		
187-63106-5		484	1		
187-63107-1		484-29	1		
187-63107-11		484	1		
187-63107-12		484	1		
187-63107-2		484-30	1		
187-63108		484-10	1		
		485	REF		
187-63108-13		485-2	1		
187-63108-19		485-7	1		
187-63108-21		485-8	1		
187-63108-23		485-13	1		
187-63108-3		485-9	1		
187-63108-7		485-3	1		
187-63109		484-18	1		
187-63109-17		484-22	1		
187-63109-19		484-23	1		
187-63110		484-19	1		
187-63110-15		484-24	1		
187-63110-17		484-25	1		
187-63111		484-11	1		
		485	REF		
187-63111-3		485-18	1		
187-63111-43		485-22	1		
187-63111-45		485-23	1		
187-63111-47		485-24	1		
187-63111-49		485-21	1		
187-63111-5		485-19	1		
187-63111-51		485-20	1		
187-63111-7		485-17	1		
187-63112		472	REF		
		484-35	1		
187-63113		472-11	1		
187-63114		472-14	1		
187-63115		472-15	1		
187-63116		472	1		
187-63116-3		472-16	1		
187-63117		472-19	1		
187-63118		472-1	1		
187-63119		472-18	1		
187-63120		472-13	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
187-63120		487A-6	1		
187-63121		484-71	1		
187-63122		484-62	1		
187-63123-3		484-63	1		
187-63124		472	1		
		487A	1		
187-63124-3		472-7	1		
		487A-3	1		
187-63125		472-6	1		
		487A-2	1		
187-63126		483	REF		
		484-38	2		
187-63127		483	1		
187-63127-3		483-5	1		
187-63127-5		483-6	1		
187-63128		483-15	1		
187-63129		483-13	1		
187-63130		484-40	1		
187-63132		484-43	1		
187-63133		483-12	1		
187-63134		483-10	1		
187-63135		484-28	3		
187-63136		484-42	1		
187-63137		484-70	1		
187-63140		484-50	1		
187-63142		484-59	1		
187-63143-1		484-6	1		
187-63143-10		484-5	2		
187-63143-2		484	1		
187-63146		484-66	1		
187-63149		485-6	1		
		485-12	1		
187-63150		484-48	1		
187-63154		484-39	1		
187-63157		484-1	1		
187-63159		484-67	1		
187-63703		486-31	1		
187-63705		486-30	1		
187-68083		482-20	8		
187-68738		64-18	1		
		65-18	1		
187-69009-13		353-39	2		
187-74023		312-9	1		
		327	REF		
187-74065		331A-38	1		
187-74066		327-14	REF		
		331	1		
		331A-37	1		
1880		141-20	1		
190-0		316-18	REF		
190-48274		53	1		
190-58027-1		87-15	1		
190-58027-2		87	1		
190990		349-4	2		
191-10001		4	NP		
		5	NP		
191-14001-1		4	1		
		7	REF		
191-14001-11		7	REF		
191-14001-12		7	REF		
191-14001-2		4	1		
		7	REF		
191-14002-1		14	REF		
191-14002-11		14	REF		
191-14002-12		14	REF		
191-14002-2		14	REF		
191-14002-21		14	REF		
191-14002-22		14	REF		
191-14002-31		14	REF		
191-14002-32		14	REF		
191-14003-1		14-2	1		
		35	REF		
191-14003-107		35	1		
191-14003-108		35	1		
191-14003-11		14	1		
		35	REF		
191-14003-117		35	1		
191-14003-118		35	1		
191-14003-119		35	1		
191-14003-120		35	1		
191-14003-2		14	2		
		35	REF		
191-14003-21		14	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-14003-21		35	REF		
191-14003-22		14	1		
		35	REF		
191-14003-31		14	1		
		35	REF		
191-14003-32		14	1		
		35	REF		
191-14003-47		35-3	1		
191-14003-48		35	1		
191-14003-49		35-2	1		
191-14003-50		35	1		
191-14003-53		35-5	1		
191-14003-54		35	1		
191-14003-55		35-4	1		
191-14003-56		35	1		
191-14003-59		35-7	1		
191-14003-60		35	1		
191-14003-61		35-6	1		
191-14003-62		35	1		
191-14005-1		16	1		
		24	REF		
191-14005-11		16	1		
		24	REF		
191-14005-2		16	1		
		24	REF		
191-14005-21		16	1		
		24	REF		
191-14005-22		16	1		
		24	REF		
191-14006-21		16-1	1		
191-14006-22		16	1		
191-14006-31		16	1		
191-14006-32		16	1		
191-14008-1		14-3	1		
		16	REF		
191-14008-11		14	1		
		16	REF		
191-14008-12		14	1		
		16	REF		
191-14008-2		14	1		
		16	REF		
191-14008-21		14	1		
		16	REF		
191-14008-22		14	1		
		16	REF		
191-14009-1		14-1	1		
		28	REF		
191-14009-2		14	1		
		28	REF		
191-14101-1		4	1		
		7	REF		
191-14101-11		4	1		
		7	REF		
191-14101-12		4	1		
		7	REF		
191-14101-2		4	1		
		7	REF		
191-14101-21		4	1		
		7	REF		
191-14101-22		4	1		
		7	REF		
191-14101-31		4	1		
		7	REF		
191-14101-32		4	1		
		7	REF		
191-14109-1		23	1		
191-14109-2		23	1		
191-14115-1		14	1		
191-14115-101		14	1		
191-14115-102		14	1		
191-14115-2		14	1		
191-14115-3		14	1		
191-14115-4		14	1		
191-14115-91		14	1		
191-14115-92		14	1		
191-14116-1		14	1		
191-14116-2		14	1		
191-14116-201		14	1		
191-14116-202		14	1		
191-14116-301		14	1		
191-14116-302		14	1		
191-14116-91		14	1		
191-14116-92		14	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-14226-1		28-34	REF		
191-14226-11		28-34	1		
191-14226-12		28	1		
191-14226-2		28	REF		
191-14227		28	1		
191-14236		17-2	1		
		19-2	1		
		27	1		
191-14240-1		14	1		
		17	REF		
		23	1		
		27	REF		
191-14240-11		14	1		
		17	REF		
191-14240-12		14	1		
		17	REF		
191-14240-2		14	1		
		17	REF		
		23	1		
		27	REF		
191-14243-1		17-25	REF		
191-14243-2		17	REF		
191-14244-1		23	1		
		31	1		
191-14244-11		18-26	1		
		31	1		
191-14244-12		18	1		
		31	1		
191-14244-2		23	1		
		31	1		
191-14245		23	1		
		31	1		
191-14246		23	4		
		31-32	3		
		31-33	1		
191-14247		23	1		
		31-34	1		
191-14248		23-3	1		
		31-37	1		
191-14249		27-45	1		
191-14250		17-14	REF		
		19-14	REF		
191-14250-11		17-14	1		
		19-14	1		
		27-43	1		
191-14251		23-2	1		
		31-36	1		
191-14252-1		31-35	1		
191-14252-2		31	1		
191-14253-1		23-6	1		
		31-20	1		
191-14253-2		23	1		
		31	1		
191-14254		31-30	1		
191-14254-3		18-6	1		
		31	1		
191-14255-1		31-21	1		
191-14255-2		31	1		
191-14256-1		23	1		
		31-22	1		
191-14256-2		23	1		
		31	1		
191-14257-1		31-23	1		
191-14257-2		31	1		
191-14258-1		17-13	3		
		19-13	3		
191-14258-2		17	3		
		19	3		
191-14259		17-19	1		
191-14259-1		23	1		
		27	3		
		31-28	3		
191-14259-2		23	1		
		27	3		
		31	3		
191-14264		31-38	1		
191-14301-1		16-17	1		
191-14301-2		16	1		
191-14302-1		16-16	1		
191-14302-2		16	1		
191-14311		16-22	2		
191-14407-1		14	REF		
191-14407-2		14	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-14412-1		14	REF		
191-14412-2		14	REF		
191-14545-10		17	1		
		19	1		
191-14545-5		17-6	1		
		27	1		
		28	1		
191-14545-6		17	1		
		27	1		
		28	1		
191-14545-9		17	1		
		19-6	1		
191-14547-5		17-8	1		
		19-8	1		
		27	1		
		28	1		
191-14547-6		17	1		
		19	1		
		27	1		
		28	1		
191-14548-11		19-9	1		
191-14548-12		19	1		
191-14548-13		19-10	1		
191-14548-14		19	1		
191-14548-15		20-22	1		
191-14548-16		20	1		
191-14548-5		17-9	1		
		27	1		
		28	1		
191-14548-6		17	1		
		27	1		
		28	1		
191-14548-7		17-10	1		
		27	1		
		28	1		
191-14548-8		17	1		
		27	1		
		28	1		
191-14549-11		19-11	1		
191-14549-12		19	1		
191-14549-13		19-12	1		
191-14549-14		19	1		
191-14549-15		20	1		
191-14549-16		20	1		
191-14549-5		17-11	1		
		27	1		
		28	1		
191-14549-6		17	1		
		27	1		
		28	1		
191-14549-7		17-12	1		
		27	1		
		28	1		
191-14549-8		17	1		
		27	1		
		28	1		
191-14570-1		16	1		
191-14570-2		16	1		
191-14592		31-31	1		
191-14592-5		31	1		
191-14592-6		31	1		
191-14600-1		14	1		
191-14600-11		14	1		
191-14600-12		14	1		
191-14600-2		14	1		
191-14600-3		14	1		
191-14600-4		14	1		
191-14601-1		8	1		
191-14601-11		8	1		
191-14601-12		8	1		
191-14601-2		8	1		
191-14601-21		8	1		
191-14601-22		8	1		
191-14601-31		8	1		
191-14601-32		8	1		
191-14603-1		14	1		
191-14603-10		14	1		
191-14603-11		14	1		
191-14603-12		14	1		
191-14603-2		14	1		
191-14603-21		14	1		
191-14603-22		14	1		
191-14603-3		14	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-14603-4		14	1		
191-14603-9		14	1		
191-14730-11		17-33	1		
191-14730-21		19-32	2		
191-14750-1		14	1		
191-14750-2		14	1		
191-14768		14-31	1		
191-14770-1		14	REF		
191-14770-2		14	REF		
191-14773		14-45	1		
191-14774-5		35	1		
191-14774-7		35-8	1		
191-14774-8		35	1		
191-14779-7		14-38	1		
191-14779-8		14	1		
191-14812-3		35-10	1		
191-14812-4		35	1		
191-14819-3		31-18	1		
191-14819-4		31	1		
191-14819-5		18-7	1		
		22	1		
		31	1		
191-14819-6		18	1		
		22	1		
		31	1		
191-14850-1		17-25	1		
		27	1		
191-14850-2		17	1		
		27	1		
191-14901-1		2	1		
191-14901-101		2	1		
191-14901-102		2	1		
191-14901-11		2	1		
191-14901-12		2	1		
191-14901-2		2	1		
191-14901-21		2	1		
191-14901-22		2	1		
191-14901-31		2	1		
191-14901-32		2	1		
191-14901-41		2	1		
191-14901-42		2	1		
191-14910-1		2	1		
191-14910-2		2	1		
191-14940-1		3-1	1		
191-14940-101		3	1		
191-14940-102		3	1		
191-14940-11		3	1		
191-14940-12		3	1		
191-14940-2		3	1		
191-17018-3		25	16		
191-17018-5		25	1		
191-21400		97-30	1		
191-31012		111-1	1		
191-31012-10		111	1		
191-31012-20		111	1		
191-31016-1		149-37	1		
191-31016-2		149	1		
191-31016-21		149	1		
191-31016-22		149	1		
191-31020		106	NP		
		111	NP		
191-31020-10		106	NP		
		111	NP		
191-31027-1		149	1		
191-31027-2		149	1		
191-31029-1		149	1		
191-31029-2		149	1		
191-31037-1		134-48	1		
191-31037-2		134	1		
191-31040		114-15	1		
191-31041		114-16	1		
191-31042		114-17	1		
191-31111		116-12	1		
191-31120		116-13	1		
191-31120-10		116	1		
191-31135		116	1		
191-31150		129	1		
191-31150-10		129	1		
191-31182		134	1		
191-31331		107	1		
		108	1		
191-31434		130	1		
191-31437		114-18	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-31437		114-19	1		
191-31441		114-25	1		
191-31442		128-47	1		
191-31443		128-48	1		
191-31444		114	1		
191-31445		114	1		
191-31448		114-24	1		
191-31449		114-23	1		
191-31451		116-14	1		
191-31462		116-15	1		
191-31601		106	1		
		108	REF		
191-31630		115	1		
191-31631		115	1		
191-31644		110-54	1		
		111-14A	1		
191-31645		110	1		
		111	1		
191-31645-3		110-55	1		
		111-15A	1		
191-31650		129	1		
191-31662		129	1		
191-31701-10		128-29A	1		
191-31702-1		128	1		
191-31702-2		128	1		
191-31706-10		128-49	1		
191-31708		111-5	2		
191-31709		132	1		
191-31711-1		149-39	1		
191-31711-2		149	1		
191-31713-1		111-47	1		
191-31713-2		111	1		
191-31715		132	1		
191-31717-13		111	1		
191-31717-15		111	1		
191-31717-3		111-27	1		
191-31717-5		111-28	1		
191-31718		111-8	1		
191-31719		111-41	1		
191-31719-10		111	1		
191-31720		111-16	1		
191-31720-10		111	1		
191-31720-3		111-22	1		
191-31720-30		111	1		
191-31720-9		111-25	1		
191-31728		111-46	1		
191-31728-3		111	1		
191-31729		111-49	1		
191-31731		115	REF		
191-31736		134	1		
191-31736-110		134	1		
191-31736-120		134	1		
191-31736-130		134	1		
191-31737		128	1		
191-31738		128	1		
191-31819		169-35	2		
191-31821		105	1		
		105-78	1		
191-31821-10		105	1		
191-31821-15		105	1		
191-31822		105-7A	1		
191-31824		105	1		
191-31824-11		105	1		
191-31824-21		105	1		
191-31824-31		105	1		
191-31825		105	1		
191-31825-21		105	1		
191-31825-31		105	2		
191-31826		105	1		
191-31826-11		105	1		
191-31827-11		105	1		
191-31828		105	1		
191-31858		364	1		
		364-18	1		
		364-20	3		
		365-11	1		
191-31859		161	1		
191-31860		162	1		
191-31860-10		162	1		
191-31877		166	REF		
		168-31	1		
191-31877-5		166-9	1		
191-31877-7		166-10	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-31880		168-46	1		
191-31880-11		176-26	1		
191-33121-5		30	1		
191-33121-6		30	1		
191-33627		414	1		
191-33816		418-1	1		
		419-1	1		
191-33835-1		409	1		
191-33835-2		409	1		
191-33841-1		397-11	REF		
		424	REF		
191-33841-11		397-11	1		
		424	REF		
191-33841-12		397	1		
		424	REF		
191-33841-2		397	REF		
		424	REF		
191-33843		424-31	1		
191-33844		424-30	1		
191-33845		127-21	1		
		397-5	2		
191-33846		424-20	1		
191-33847		424-23	1		
191-33848		424-22	1		
191-33849		398-18	1		
191-33870		397-6	1		
191-33872		421-4	1		
191-33874-1		397-25	1		
191-33874-2		397	1		
191-33876		424-5	2		
191-33877		424-4	1		
191-33880		421	1		
191-34357-5		403	1		
191-34547		408-1	1		
191-34549		408-3	1		
191-34552		408-4	1		
191-34555-3		408-7	1		
191-34555-5		408-8	1		
191-34622		404-21	1		
191-34823		404-20	1		
191-34824		404-29	1		
191-34828		404-30	1		
191-34841		404-33	1		
		429	REF		
191-34841-10		404	1		
		429	REF		
191-34841-20		404	1		
		429	REF		
191-34841-30		404	1		
		429	REF		
191-34842		429-28	1		
191-34843-13		429-21	1		
191-34843-15		429-14	1		
191-34843-3		429-21	REF		
191-34843-5		429-14	REF		
191-34844-3		127-33	REF		
191-34845		429-29	1		
191-34846-10		429-7	1		
191-34847		127-33	REF		
191-34849		429-35	1		
191-34855		430-5	1		
191-34856		430-9	1		
191-34857		430-10	1		
191-34862		429-9A	REF		
191-42016		433-18	REF		
		469-68	REF		
191-42016-11		433-18	1		
		469-68	1		
191-42027		437-12	1		
		469-13	1		
191-42052		434-8	1		
191-42100		437-33	1		
191-43005		432	1		
191-43005-3		432	1		
		440	REF		
191-43010-10		440-42	1		
191-43011		440-20	1		
191-43012-10		440-33	1		
191-43015		440-28	1		
191-43017		440-26	1		
191-43018		440-15	1		
191-43019		440-19	1		
191-43020		440-41	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-43020-3		440	1		
191-43021		440	1		
191-43022		440-7	1		
191-43023		440-43	1		
191-43024		439	1		
		440	1		
191-43028		431	1		
191-43029		431	1		
191-43030		431	1		
191-43031		431	1		
191-43032		440	1		
191-43033		440	1		
191-43034		440	1		
191-43036		440	1		
191-43037		440	1		
191-43038		440	1		
191-43039		441	1		
191-43040		431	1		
191-43041		431	1		
191-43042		441	1		
191-43043		431	REF		
		441	1		
191-43044		432	1		
		440	REF		
191-43047		439-29	1		
		440-21	1		
191-47009		158	1		
191-48015		17-21	1		
		19-30	2		
		27-12	1		
		28-6	1		
		28-25	1		
		40-46	1		
		44-7	1		
191-48101		46-19	1		
191-48105		46-24	1		
191-48106		4-30	4		
191-48109		46-23	1		
191-48112		46-17	2		
191-48117		5-22	2		
191-48167		463-10	1		
191-48188		50-10	1		
191-48189		50-12	1		
191-48254-1		59	1		
191-48254-2		59	1		
191-48255		58-2	1		
191-48255-29		58	1		
191-48255-30		58	1		
191-48255-5		58-20	1		
191-48256-15		58-31	1		
191-48256-16		58	1		
191-48256-17		58-30	1		
191-48256-18		58	1		
191-48256-5		58	2		
191-48256-6		58	1		
191-48260-1		51-39	1		
191-48260-2		51	1		
191-48261-1		37-2	1		
191-48261-103		37-20	1		
191-48261-104		37	1		
191-48261-2		37	1		
191-48261-201		37-3	1		
191-48261-202		37	1		
191-48261-301		37-4	1		
191-48261-302		37	1		
191-48262-1		51-38	1		
191-48262-2		51	1		
191-48270-1		58-12	1		
191-48270-2		58-14	1		
191-48274-3		54	1		
191-48275		59	1		
191-48279		56	1		
191-48280		56-12	1		
191-48280-11		56	1		
191-48280-5		56-25	2		
191-48281-1		56-7	1		
191-48281-2		56	1		
191-48282-1		56-8	1		
191-48282-2		56	1		
191-48284-1		57-25	1		
191-48284-2		57	1		
191-48285-1		57-34	1		
191-48285-2		57	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-48308		56-21	REF		
191-48308-11		56-21	1		
191-48318-1		58-16	1		
		58-29	1		
191-48318-2		58	1		
		58-18	1		
191-51003		181	1		
191-51003-10		181	1		
191-51003-20		181	1		
191-51003-30		181	1		
191-51003-50		181	1		
191-51005		178	1		
		181	REF		
191-51005-10		178	1		
		181	REF		
191-51005-20		178	1		
		181	REF		
191-51011-10		179	REF		
191-51011-20		179	REF		
191-51018		188-17	1		
191-51020		188	1		
191-51020-3		188-2	1		
191-51021		188-20	1		
191-51023		188-21	1		
191-51026		188-15	1		
191-51028		188-12	1		
191-51029		188-23	1		
191-51030		178-38	1		
		188	REF		
191-51032		188-22	1		
191-51033		185A-54	1		
		185C-47	1		
191-51034		185A-55	1		
		185C-45	1		
191-51035		185A-56	1		
		185C-46	1		
191-51038		376	1		
191-51045-3		73-39	1		
191-51045-5		73-40	1		
191-51048		182	1		
191-51054		180	1		
191-51055		433	1		
		470	1		
191-51071		180	1		
191-51078		437	NP		
		438	NP		
191-51085		187	1		
191-51090		161-32	1		
191-51091		304	1		
191-51098		180	1		
191-51105		178	1		
		181	REF		
191-51105-20		178	1		
		181	REF		
191-51109		185C-42	1		
191-51110		185C-41	1		
191-51115		105-3A	1		
191-51116		188-14	1		
191-51120		184	1		
		185-15	1		
		185B-14	1		
191-51130		12-34	1		
		14-46	1		
191-51154		180	1		
		189	REF		
191-51171		189-3	1		
191-52036		270-28	1		
191-52039		82-33	1		
		270-4	1		
191-52040-3		82-34	1		
191-52040-5		270-5	1		
191-52041-3		82	1		
191-52041-5		270	1		
191-52042		82-52	1		
		270-23	1		
191-52043		82-39	1		
		270-10	1		
191-52044		82-38	1		
		270-9	1		
191-52045		82-61	2		
191-52047-3		81	1		
		82	REF		
191-52047-5		262	1		
		270	REF		
191-52048		82-60	1		
191-52049		82-61	REF		
191-52210		205-28	1		
191-52210-3		68-16	1		
		69-11	1		
191-52211		201	1		
191-52220		205	REF		
191-52220-3		205-29	1		
191-52220-5		205	1		
191-52220-7		205	1		
191-53071		363-16	1		
191-53075		471	NP		
191-53106-3		364-15	1		
191-53107		364	2		
		364-16	1		
		4878	2		
191-53107-3		364	2		
191-53107-5		364	2		
191-53108		364-13	1		
		4878-5	1		
191-53108-3		364-14	1		
191-53301		377	NP		
191-53310		433-57	1		
		468-39	1		
191-53311-3		433-25	1		
		470-1	1		
191-53311-5		433-24	1		
		470-22	1		
191-53315		382-23	1		
191-53316		386-17	1		
191-53317-3		385	1		
191-53318		382	1		
191-53319		385-32	1		
191-53322		162	1		
191-53324		385	1		
191-53324-3		385-6	1		
191-53324-5		385-7	1		
191-53325		114	1		
191-53326		162-22	1		
191-53327		162-53	1		
191-53332		386-34	1		
191-53333		386-35	1		
191-53334		386-30	1		
191-53335		386-29	1		
191-53350		474-2	2		
191-53352		389-29	1		
191-53354		390-26	1		
191-53355-103		390	1		
191-53355-11		389-18	1		
		390-13	1		
191-53355-15		389-16	1		
191-53355-23		389-14	1		
191-53355-27		389-12	1		
191-53355-3		389-20	1		
191-53355-31		389-10	REF		
191-53355-35		389-31	1		
191-53355-39		389-2	1		
		390-1	1		
191-53355-43		389-3	1		
		390-3	1		
191-53355-47		473-16	2		
191-53355-51		389-30	1		
191-53355-55		386-38	1		
191-53355-67		390-10	1		
191-53355-71		390-8	1		
191-53355-79		390-11	1		
191-53355-83		390-18	1		
191-53355-87		390-15	1		
191-53355-91		389-10	1		
191-53355-95		390	1		
191-53355-99		390	1		
191-53356-3		389	1		
191-53356-7		389	1		
191-53359		386	1		
191-53360		386	1		
191-53375		377	NP		
		389	NP		
191-53375-10		377	NP		
		390	NP		
191-53375-20		377	NP		
		389	NP		
		390	NP		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-53417		386-28	1		
191-53451-1		386-26	1		
191-53451-2		386-27	1		
191-54014-1		92	NP		
191-54014-2		92	NP		
191-54014-3		6	NP		
		91	NP		
191-54017-11		293A-7	1		
		328-36	1		
191-54018		328	1		
191-54018-5		328-10	1		
191-54019		328-11	1		
191-54020		328	1		
191-54020-10		328	1		
191-54022		328-29	1		
191-54023		328-28	1		
191-54023-21		328	1		
191-54024		328-12	1		
191-54024-21		328	1		
191-54025-1		32	NP		
		108	NP		
191-54025-3		328	NP		
191-54025-5		328	NP		
191-54028		294	1		
		300	REF		
191-54028-10		300	REF		
191-54029		300-8	1		
191-54029-50		300	1		
191-54030		300-9	1		
191-54030-20		300	1		
191-54031		108	NP		
		278	NP		
		279	NP		
191-54033		284-4	1		
191-54034		281-12	1		
191-54034-11		301-13	1		
191-54034-21		301	1		
191-54034-31		301	1		
191-54034-51		301	1		
191-54034-61		301	1		
191-54035		279	1		
		281	REF		
191-54035-11		301	REF		
191-54035-21		301	REF		
191-54035-31		301	REF		
191-54035-51		301	REF		
191-54035-61		301	REF		
191-54036		281-2	1		
		301-2	1		
191-54037		281-1	1		
191-54039		301-1	1		
191-54039-10		301	1		
191-54042		279	1		
191-54042-3		279-39	1		
191-54043		304-36	1		
191-54046		321-12	1		
191-54047		293-42	1		
191-54050		299	3		
191-54050-11		300	REF		
191-54062		328-41	1		
191-54064		328-37	1		
191-54064-3		328	1		
191-54066		289-10	1		
191-54069		304-39	1		
191-54069-11		304	1		
191-54077-10		294	1		
191-54081		316-43	4		
191-54082		293	1		
191-54086		294	1		
191-54086-11		294	1		
191-54108		278-39	1		
191-54110		292-39	2		
191-54114		484-52	1		
191-54115		92	1		
		95	1		
191-54118		304-8	1		
191-54120		304-28	1		
191-54120-10		304	1		
191-54120-20		304	1		
191-54124		293	1		
191-54126		181	1		
191-54127		279	1		
191-54136		433-4	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-54138		292	6		
191-54143		304	1		
191-54143-11		304	1		
191-54158		314	1		
191-54162		328	1		
191-54162-3		328	1		
191-54166		314-2A	1		
191-54167		314	1		
191-54173		289-7	1		
191-54174		285	1		
191-54175		285	1		
191-54176		316-36	1		
		316-45	1		
191-54179		293	1		
191-54181		293	2		
191-54183		293	1		
191-54190		328-30	1		
191-54192-1		23	NP		
191-54192-2		23	NP		
191-54200		296	1		
191-54201		289	1		
191-54202		288-19	1		
		289-8	1		
191-54202-10		289	1		
191-54231		108	NP		
		313	NP		
191-54231-10		108	NP		
		313	NP		
191-54295		289-9	1		
191-54295-10		288-20	1		
191-54295-30		289	1		
191-54296		289	REF		
		294	1		
191-54296-10		289	REF		
		294	1		
191-54296-20		289	REF		
		294	1		
191-54296-30		289	REF		
		294	1		
191-54298		289	1		
191-54298-10		289	1		
191-54298-20		289	1		
191-54298-30		289	1		
191-54408		105-7C	1		
191-54409		278	1		
191-58044-1		277-35	1		
191-58044-2		277	1		
191-58063-1		83	NP		
191-58063-2		83	NP		
191-58101		445-23	1		
191-58180		247-34	REF		
191-58409		221	1		
191-58524		221-14	1		
191-58601		436	1		
		445	REF		
		470	1		
191-58652		239	1		
		241-48	REF		
		247	REF		
191-58789-1		77	1		
191-58789-2		77	1		
191-58801-11		218	1		
191-58801-13		217	1		
191-58801-15		217	1		
191-58801-17		218	1		
191-58801-19		218	1		
191-58801-21		217	1		
191-58801-25		218	1		
191-58801-27		218	1		
191-58801-29		217	1		
191-58801-3		219	1		
191-58801-31		217	1		
191-58801-33		217	1		
191-58801-35		217	1		
191-58801-41		217	1		
191-58801-43		217	1		
191-58801-45		217	1		
191-58801-47		217	1		
191-58801-49		217	1		
191-58801-5		219	1		
191-58801-53		218	1		
191-58801-55		218	1		
191-58801-57		218	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-58801-59		217	1		
191-58801-61		217	1		
191-58801-63		217	1		
191-58801-65		232	1		
191-58801-67		217	1		
191-58801-69		217	1		
191-58801-7		222	1		
191-58801-71		218	1		
191-58801-73		218	1		
191-58801-9		218	1		
191-58803-13		250	1		
191-58803-15		250	1		
191-58803-17		250	1		
191-58803-19		250	1		
191-58803-21		250	1		
191-58803-23		232	1		
191-58803-25		233	1		
191-58803-27		227	1		
191-58803-29		233	1		
191-58803-3		232	1		
191-58803-31		232	1		
191-58803-33		233	1		
191-58803-35		233	1		
191-58803-37		233	1		
191-58803-39		233	1		
191-58803-41		233	1		
191-58803-43		233	1		
191-58803-45		233	1		
191-58803-47		233	1		
191-58803-49		227	1		
191-58803-5		232	1		
191-58803-51		232	1		
191-58803-53		250	1		
191-58803-55		232	1		
191-58803-57		233	1		
191-58803-59		233	1		
191-58803-61		227	1		
191-58803-63		227	1		
191-58803-65		227	1		
191-58803-67		227	1		
191-58803-69		227	1		
191-58803-7		232	1		
191-58803-71		227	1		
191-58803-73		227	1		
191-58803-75		227	1		
191-58803-77		227	1		
191-58803-79		227	1		
191-58803-9		232	1		
191-58805-1		237	1		
191-58805-13		237	1		
191-58805-15		237	1		
191-58805-17		237	1		
191-58805-19		237	1		
191-58805-21		237	1		
191-58805-23		237	1		
191-58805-25		237	1		
191-58805-27		236	1		
191-58805-29		251	1		
191-58805-3		237	1		
191-58805-31		236	1		
191-58805-33		236	1		
191-58805-35		236	1		
191-58805-37		236	1		
191-58805-39		236	1		
191-58805-41		236	1		
191-58805-45		251	1		
191-58805-47		251	1		
191-58805-49		251	1		
191-58805-5		237	1		
191-58805-51		251	1		
191-58805-53		237	1		
191-58805-55		237	1		
191-58805-57		84	1		
191-58805-59		84	1		
191-58805-7		237	1		
191-58805-9		237	1		
191-58807-11		86	1		
191-58807-13		86	1		
191-58807-15		86	1		
191-58807-19		86	1		
191-58807-21		86	1		
191-58807-23		86	1		
191-58807-25		86	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-58807-27		86	1		
191-58807-29		86	1		
191-58807-3		85	1		
191-58807-31		86	1		
191-58807-35		86	1		
191-58807-39		84	1		
191-58807-41		84	1		
191-58807-43		85	1		
191-58807-45		85	1		
191-58807-47		85	1		
191-58807-49		85	1		
191-58807-5		85	1		
191-58807-51		85	1		
191-58807-53		85	1		
191-58807-55		85	1		
191-58807-59		84	1		
191-58807-63		84	1		
191-58807-65		84	1		
191-58807-69		84	1		
191-58807-7		85	1		
191-58807-71		87	1		
191-58807-73		87	1		
191-58807-75		87	1		
191-58807-77		87	1		
191-58807-79		78	1		
191-58807-81		78	1		
191-58807-83		85	1		
191-58807-85		86-26	1		
191-58807-87		86-27	1		
191-58807-89		85	1		
191-58807-91		85	1		
191-58807-93		85	1		
191-58807-95		85	1		
191-58809-11		244	1		
191-58809-13		240	1		
191-58809-15		241	1		
191-58809-19		241	1		
191-58809-21		240	1		
191-58809-25		241	1		
191-58809-27		242	1		
191-58809-29		242	1		
191-58809-3		244	1		
191-58809-31		242	1		
191-58809-33		242	1		
191-58809-35		240	1		
191-58809-39		244	1		
191-58809-43		242	1		
191-58809-45		240	1		
191-58809-47		244	1		
191-58809-49		244	1		
191-58809-5		244	1		
191-58809-51		244	1		
191-58809-53		244	1		
191-58809-55		244	1		
191-58809-57		244	1		
191-58809-59		244	1		
191-58809-61		244	1		
191-58809-63		244	1		
191-58809-65		244	1		
191-58809-67		244	1		
191-58809-69		240	1		
191-58809-7		244	1		
191-58809-71		266	1		
191-58809-73		265	1		
191-58809-75		265	1		
191-58809-77		244	1		
191-58809-79		244	1		
191-58809-81		244	1		
191-58809-83		244	1		
191-58809-85		244	1		
191-58809-87		244	1		
191-58809-89		241	1		
191-58809-9		244	1		
191-58809-91		241	1		
191-58809-93		242	1		
191-58809-95		242	1		
191-58811-11		256	1		
191-58811-13		257	1		
191-58811-15		259	1		
191-58811-17		259	1		
191-58811-19		256	1		
191-58811-21		256	1		
191-58811-25		258	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-58811-27		256	1		
191-58811-29		256	1		
191-58811-3		257	1		
191-58811-31		256	1		
191-58811-33		256	1		
191-58811-35		257	1		
191-58811-37		259	1		
191-58811-39		257	1		
191-58811-41		258	1		
191-58811-43		258	1		
191-58811-45		258	1		
191-58811-49		259	1		
191-58811-5		257	1		
191-58811-53		259	1		
191-58811-55		258	1		
191-58811-57		259	1		
191-58811-59		259	1		
191-58811-61		259	1		
191-58811-63		259	1		
191-58811-65		259	1		
191-58811-67		258-33	1		
191-58811-69		259	1		
191-58811-7		257	1		
191-58811-71		259	1		
191-58811-73		237	1		
191-58811-75		259	1		
191-58811-77		259	1		
191-58811-79		258	1		
191-58811-81		259	1		
191-58811-83		259	1		
191-58811-9		256	1		
191-58813-11		81	1		
191-58813-13		81	1		
191-58813-15		81	1		
191-58813-17		81	1		
191-58813-19		80	1		
191-58813-21		80	1		
191-58813-23		81	2		
191-58813-25		81	1		
191-58813-27		80	1		
191-58813-3		81	1		
191-58813-5		81	1		
191-58813-7		80	1		
191-58813-9		81	1		
191-58815		84	REF		
191-58821-3		244	1		
191-58821-5		256	1		
191-58821-7		256	1		
191-58821-9		257	1		
191-58822		84	1		
191-61051		348	6		
191-61056		350	2		
191-61060		350	2		
191-61070		350	2		
191-61081		126-32	1		
191-61081-11		126	1		
191-61082		126-33	1		
191-61083-1		126-16	1		
191-61083-2		126-17	1		
191-61084-1		126-35	1		
191-61084-2		126-36	1		
191-61085-1		126-18	1		
191-61085-2		126-19	1		
191-61086		126-34	1		
191-61087		126-41	2		
191-61088-1		126-21	1		
191-61088-2		126-22	1		
191-61089		126-20	2		
191-61090-1		126-37	1		
191-61090-2		126-38	1		
191-61091-31		126-12	1		
191-61091-32		126-13	1		
191-61091-41		126-7	1		
191-61091-42		126-7A	1		
191-61091-51		126-10	1		
191-61091-52		126-11	1		
191-61091-61		126-8	1		
191-61091-62		126-9	1		
191-61091-71		126-14	1		
191-61091-72		126-15	1		
191-61092-1		126-30	1		
191-61092-2		126-31	1		
191-61094-1		126-23	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-61094-2		126-24	1		
191-61095		126-25	1		
191-61096		126-26	1		
191-61097		126-27	1		
191-61100-1		126-39	1		
191-61100-11		126	1		
191-61100-12		126	1		
191-61100-2		126-40	1		
191-61110-1		348	2		
191-61110-2		348	2		
191-61120-1		124	1		
191-61120-2		124	1		
191-61121-1		124	1		
191-61121-2		124	1		
191-61122		124	1		
191-61123		124	1		
191-63001		473	1		
191-63020-1		479-11	1		
191-63020-2		479	1		
191-63020-21		479	1		
191-63020-22		479	1		
191-63030		479-4	2		
191-63031		479-3A	1		
191-63701		486	NP		
		487	NP		
191-63702		312-41	1		
		486-45	REF		
191-63703		114-26	1		
191-63704		128-41	1		
191-63709		487	1		
191-63709-10		487	1		
191-63710		487-11	1		
191-63711		487-10	1		
191-63712		487-14	1		
191-63713		486-13	1		
191-63716		486-47	REF		
		487	1		
191-63716-10		486-48	REF		
		487	1		
191-63717		487-25	1		
191-63718		486-22	2		
191-63723		486-29	1		
191-63724		177-54	1		
		486-46	REF		
191-63729		486-4	1		
191-63730		486-9	1		
191-63730-3		486-10	1		
191-63730-5		486-11	1		
191-63731		486-5	1		
191-63735-11		486	1		
191-63735-13		486	1		
191-63735-15		486	1		
191-63735-17		486	2		
191-63735-19		486-44	1		
191-63735-21		486	1		
191-63735-3		486-36	1		
191-63735-5		486-41	1		
191-63735-7		486-42	1		
191-63735-9		486-18	2		
191-63736-3		486-37	1		
191-63736-5		487-32	REF		
191-63738		486	1		
191-63740-3		487-26	1		
191-63740-5		487-27	1		
191-63740-7		486-35	1		
191-63741		486-17	1		
		487-31	REF		
191-63742		487-13	2		
		487-13A	1		
191-63742-3		64	1		
		65	1		
191-63743		486-3	1		
191-66002-10		471	1		
		473	REF		
191-66005		473-18	1		
		474	REF		
191-66005-11		474	2		
191-66005-21		473	1		
		474	REF		
191-66005-7		474	1		
191-66005-9		474	1		
191-66006		474-1	1		
191-66007-1		474-26	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-66007-2		474-27	1		
191-66008		474-28	1		
191-66008-11		474	1		
191-66010		474-22	1		
191-66013		474-13	1		
191-66014		474-19	1		
191-66015		474-12	1		
191-66016		474-8	2		
191-66018		473-20	1		
191-66018-13		473-23	1		
191-66018-14		473	1		
191-66018-51		473	1		
191-66019		473-24	1		
191-66019-11		473-29	1		
191-66019-12		473	1		
191-66019-16		473-30	1		
191-66020		473-1	1		
191-66020-17		473-8	2		
191-66020-29		473-11	2		
191-66020-43		473-9	1		
191-66020-47		473-10	1		
191-66020-49		473-12	1		
191-66020-51		473-13	1		
191-66020-61		473-5	1		
191-66021		473-14	1		
191-66024		474-9	1		
191-66025		474-11	1		
191-66026		474-3	2		
191-66027-1		474-7	1		
191-66027-2		474	1		
191-66029		474	1		
191-66029-11		474	1		
191-66030		474-31	1		
191-66031		474-30	1		
191-66031-11		474	1		
191-66033		474-29	2		
191-66034		355	1		
191-66034-5		355	1		
191-68011		482-17	8		
191-68702-1		23	NP		
		62	NP		
191-68702-2		23	NP		
		62	NP		
191-68761-1		64-9	1		
		65-3	1		
		66	REF		
191-68761-2		64	1		
		65	1		
		66	REF		
191-68762-1		66-4	1		
191-68762-2		66	1		
191-68763-1		66-15	1		
191-68763-2		66	1		
191-68764		66-14	1		
191-68765-1		66-16	1		
191-68765-2		66	1		
191-68766		66-21	1		
191-68767-1		66-26	1		
191-68767-2		66	1		
191-68768		66-28	1		
191-68769		66-9	1		
191-68770		64	1		
		65-1	1		
		66-29	REF		
191-68771		64	1		
		65-2	1		
		66-30	REF		
191-68772		62	1		
		65	1		
		66	REF		
191-71046		105-12	2		
191-73324		375	1		
191-73324-3		375	1		
191-74008		329-18	1		
191-74009		329-16	1		
191-74027-1		331A-40	1		
191-74027-2		331A	1		
191-74028-1		331A-41	1		
191-74028-2		331A	1		
191-74030-10		329-42	1		
191-74030-7		329	1		
191-74042-21		329-41	1		
191-74044		329-44	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
191-74053		475-8	1		
191-74054		475-9	1		
191-74055		475-3	1		
191-74062		329-30	1		
191-74063		329-29	1		
191-74064		329-43	1		
191-74064-5		329	1		
191-74066		471	1		
		475	REF		
191-74066-1		471	1		
		475	REF		
191-74066-11		471	1		
		475	REF		
191-74066-21		471	1		
		475	REF		
191-954002		471	1		
191724		278A-16	1		
192-42014		437-38	4		
192-53058-11		471	1		
		487B-3	1		
192-66010		352-57	1		
		471	1		
19288		332-22	1		
193-33545-1		157-2	1		
		399-39	REF		
193-33545-2		157	1		
		399-39	REF		
193-33811-1		396	1		
		419	REF		
193-33811-2		396	1		
		419	REF		
193-34669		403-11	REF		
193-34669-11		403-11	1		
193-34862		429-9A	REF		
193-34862-7		429-9A	1		
193-48202-1		18-28	NP		
		23	NP		
		39	NP		
		41	NP		
193-48202-2		18	NP		
		23	NP		
		39	NP		
		41	NP		
193-48805-11		41	1		
193-48805-12		41	1		
193-54331-1		419-15	1		
		423	REF		
193-54331-2		419	1		
		423	REF		
193-54334		423-17	1		
193-54386		423-6	1		
19527		338-2	REF		
19528		338-7	REF		
19529		338-8	REF		
19890		234-16	REF		
2-2850-76		452-7	1		
		461-11	1		
2B1-10-2		282-2	AR		
2B1-10-3		282-3	1		
2B1-10-4		283-2	AR		
2B1-2-2		282-1	1		
2B1-7-2		303-12	1		
2B1-7-3		303-10	1		
2B1-7-6		303-11	1		
2B1B6-3		321	1		
2B1B9-2		301	2		
2B1B9-3		281-6	AR		
2B1B9-4		301	1		
2B2B6		296	1		
2B2C5		312	1		
2B2C7		284A	1		
2B2C8		284A	1		
2C28		374	1		
2C3-2		356-33	1		
2HA1L.H.		410	1		
		418	1		
		419	1		
		425	REF		
2HA1R.H.		410	1		
		418	1		
		419	1		
		425	REF		
		428	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
2H2-20-15		40-18	1		
2J1		16	AR		
2M-SHN28P		3408-8	1		
2P7-13-28 1/32		14	1		
2P7-13-28 17/32		14	1		
2P7-13-32 11/16		14-7	AR		
2P7-13-34 31/32		14-4	1		
2P7-13-35 43/63		14	1		
2P7-13-35 43/64		14	AR		
2P7-13-37 17/32		14	1		
2P7-13-38 1/32		14	1		
2P7-13-43 3/16		14-6	4		
2P7-9-46 5/8		16-25	1		
2P7-9-54		16-26	1		
2V11-20-30		220	1		
2V6-20		234-7	1		
2W1-10-14-40		238-32	2		
2W1-10-9-20		74-50	3		
2W1-106-80-125		395-45	1		
2W1-11-10-40		332-54	8		
2W1-11-15-32		343-2	9		
2W1-12-12-125		414-34	2		
2W1-12-14-031		405-4	3		
2W1-12-16-31		194-31	1		
2W1-12-16-62		371-26	1		
2W1-12-16-64		32-10	4		
2W1-12-20-31		407-28	2		
2W1-12-20-32		432-14	7		
2W1-12-24-32		432-16	2		
2W1-12-32-32		414-35	2		
2W1-13-14-32		386	1		
2W1-13-16-42		414-17	2		
2W1-13-20-63		157-4	1		
2W1-13-20-95		384-5	AR		
2W1-14-20-32		51-21	AR		
2W1-14-20-63		317-19	AR		
2W1-16-12-025		130-55	AR		
2W1-16-14-32		407-9	AR		
2W1-16-16-20		343-10	AR		
2W1-16-18-78		293-29	AR		
2W1-16-20-63		169-10	AR		
2W1-16-24-64		29-41	AR		
2W1-16-32-63		373-27	AR		
2W1-17-16-32		464-2	AR		
2W1-17-20-63		407-6	AR		
2W1-18-18-32		192-2	AR		
2W1-18-20-63		412-23	AR		
2W1-20-16-16		167-7	AR		
2W1-20-20-64		167-10	AR		
2W1-20-24-64		402-29	AR		
2W1-21-28-64		18-12	AR		
2W1-24-20-016		412-12	AR		
2W1-24-20-031		412-13	AR		
2W1-24-20-10		144-11	AR		
2W1-24-20-16		144-10	AR		
2W1-24-20-78		305-9A	AR		
2W1-24-24-032		420-7	AR		
2W1-24-24-50		416-5	AR		
2W1-24-30-125		315	AR		
2W1-24-30-40		407-44	AR		
2W1-24-36-95		25-10	AR		
2W1-25-20-10		169-30	AR		
2W1-25-20-32		169-29	AR		
2W1-25-20-64		384-7	AR		
2W1-28-24-020		412-24	AR		
2W1-28-24-063		412-22	AR		
2W1-28-35-93		199-23	AR		
2W1-29-24-32		430-7	AR		
2W1-32-24-10		411	AR		
2W1-32-24-20		411	AR		
2W1-32-24-32		343-14	AR		
2W1-33-20-32		67-14	AR		
2W1-33-28-31		400-7	AR		
2W1-42-36-20		194-41	AR		
2W1-45-32-10		169-41	AR		
2W1-45-32-21		169-40	AR		
2W1-49-30-032		197-45	AR		
2W1-50-32-21		169-34	AR		
2W1-50-38-63		162-41	AR		
2W1-50-38-64		353-12	AR		
2W1-65-46-20		194-39	AR		
2W1-7-5-32		375	AR		
2W1ALP16-14-32		362-17	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
2W1ALP21-14-32		362-7	AR		
2W1AL10-12-40		267-3	AR		
2W1AL11-14-64		38-11	AR		
2W1AL11-18-62		278A-18	AR		
2W1AL12-12-16		316-40	AR		
2W1AL12-20-32		354-16	AR		
2W1AL12-24-64		71-7	AR		
2W1AL12-28-32		170-5	AR		
2W1AL12-44-64		316-41	AR		
2W1AL13-12-40		359-25	AR		
2W1AL13-14-16		365-5	AR		
2W1AL13-14-32		396-5	AR		
2W1AL13-14-64		340A	AR		
2W1AL13-16-64		17-17	AR		
2W1AL13-18-040		428-4	AR		
2W1AL13-32-100		26-41	AR		
2W1AL13-32-125		26	AR		
2W1AL13-32-32		26-40	AR		
2W1AL14-20-40		434-5	AR		
2W1AL14-28-40		366-63	AR		
2W1AL14-78-40		434-4	AR		
2W1AL15-20-16		304	AR		
2W1AL16-18-.016		422-14	AR		
2W1AL16-18-.250		352-47	AR		
2W1AL16-20-064		33-14	AR		
2W1AL16-24-16		162-4	AR		
2W1AL16-26-032		205-21	AR		
2W1AL17-18-64		454-45	AR		
2W1AL17-20-40		177-41	AR		
2W1AL17-20-64		177	AR		
2W1AL17-24-91		26	AR		
2W1AL17-27-40		296-31	AR		
2W1AL17-34-64		39	AR		
2W1AL20-22-72		479-2A	AR		
2W1AL21-16-.020		111	AR		
2W1AL21-16-.032		111	AR		
2W1AL21-16-.064		111	AR		
2W1AL21-16-.125		111-45	AR		
2W1AL22-16-32		341	AR		
2W1AL22-20-40		177	AR		
2W1AL22-20-64		177-38	AR		
2W1AL22-24-32		172-29	AR		
2W1AL22-36-125		5-21	AR		
2W1AL24-22-156		404-5	AR		
2W1AL25-24-64		162-40	AR		
2W1AL25-24-91		26	AR		
2W1AL26-24-064		33-19A	AR		
2W1AL28-26-64		402-10	AR		
2W1AL28-28-32		353-36	AR		
2W1AL28-28-62		84-7	AR		
2W1AL28-34-32		403-17A	AR		
2W1AL29-22-91		217	AR		
2W1AL29-24-20		395	AR		
2W1AL32-21-72		320-28	AR		
2W1AL32-26-20		59-31	AR		
2W1AL32-32-32		160-29	AR		
2W1AL34-21-64		431-9	AR		
2W1AL34-24-64		352-26	AR		
2W1AL34-40-188		433-61	AR		
2W1AL38-28-064		33-18	AR		
2W1AL40-28-64		321	AR		
2W1AL40-28-93		394A-2	AR		
2W1AL40-34-1875		366-42	AR		
2W1AL40-34-188		367-22	AR		
2W1AL40-34-250		366-41	AR		
2W1AL48-32-32		212-26	AR		
2W1AL74-44-093		402	AR		
2W1AL74-44-20		402-55	AR		
2W1AL74-44-91		402-54	AR		
2W1AL8-10-32		278A-11	AR		
2W1AL8-12-32		441	AR		
2W1AL8-8-16		384-25	AR		
2W1AL85-52-51		385-21	AR		
2W1AL9-12-32		387-19	AR		
2W1AL9-12-70		147-3	AR		
2W1AL9-52-32		387-20	AR		
2W1AL9-66-32		387-23	AR		
2W1B14-12-32		188-13	AR		
2W1B18-12-64		188-16	AR		
2W1B24-20-62		325-25	AR		
2W1B32-28-32		228-13	AR		
2W1B8-12-32		188-10	AR		
2W1C114-76-10		395-47	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
2W1C12-24-64		202	AR		
2W1C17-16-32		418-5	AR		
2W1C17-18-32		437-22	AR		
2W1C22-25-63		144-24	AR		
2W1C24-32-2		407-61	AR		
2W1C24-32-5		407	AR		
2W1C25-20-63		144-31	AR		
2W1C32-26-32		437-47	AR		
2W1C33-32-32		434-7	AR		
2W1C41-38-16		96-41	AR		
2W1C60-37-10		169-39	AR		
2W1C8-12-018		416-16	AR		
2W1C9-30-43		455-21	AR		
2W1F10-11-32		423	AR		
2W1F16-24-62		272	AR		
2W1F28-33-40		484-54	AR		
2W1G13-14-63		111-36	AR		
2W1G17-16-63		111-19	AR		
2W1G21-18-63		111-35	AR		
2W1G25-20-10		111-33	AR		
2W1LB16-16-.046		203-8	AR		
2W1LB16-24-32		353-3	AR		
2W1LB20-16-16		198-40	AR		
2W1LB65-44-62		370-51	AR		
2W1L28-24-62		179	AR		
2W1P23-26-62		325-17	AR		
2W1P24-18-63		325-34	AR		
2W1P25-28-125		295-17	AR		
2W1P28-18-31		362-4	AR		
2W1P32-18-63		307	AR		
2W1P32-22-63		307	AR		
2W1P44-30-63		92-4A	AR		
2W1P48-36-63		306	AR		
2W1P60-28-20P		328	AR		
2W1P60-44-63		328	AR		
2W1P64-44-63		304	AR		
2W1R12-16-62		288-12	AR		
2W1R12-17-65		366-12	AR		
2W1R14-15-250		362-18	AR		
2W1R16-16-62		239-4	AR		
2W1R16-22-93		322-6	AR		
2W1R18-15-250		362-8	AR		
2W1R20-30-125		307	AR		
2W1R24-36-91		307	AR		
2W1R29-28-250		238-40	AR		
2W1R32-36-91		307	AR		
2W1R8-14-62		267-4	AR		
2W1SR10-16-32		473-26	AR		
2W1SR14-20-62		325-27	AR		
2W1SR16-16-62		238-36	AR		
2W1SR16-18-91		307	AR		
2W1SR16-22-125		307	AR		
2W1SR16-22-91		307	AR		
2W1SR20-33-40		484-55	AR		
2W1SR24-20-93		95	AR		
2W1SR32-24-40		388-15	AR		
2W1SR32-36-91		306	AR		
2W1SR40-44-63		304	AR		
2W1SR44-44-91		328	AR		
2W1V28-24-62		178	AR		
2W1V32-28-64		374	AR		
2W1V36-33-64		459	AR		
2W1V37-26-62		233-22	AR		
2W1V40-52-31		15-5	AR		
2W1V48-32-62		251-7	AR		
2W10-3		7-65	AR		
2W10-4		207	AR		
2W10-5		18-19	AR		
2W10-6		18-24	AR		
2W11-14		38-44A	AR		
2W11-3		111-44	AR		
2W11A5		225-2	AR		
2W14		454-4	AR		
2W16		34-35	AR		
2W17-10		179	AR		
2W17-10L		386	AR		
2W17-10M		170	AR		
2W17-416		179-4	AR		
2W17-416L		68-2	AR		
2W17-8		314-21	AR		
2W17-8M		320-45	AR		
2W18-10		17-27	AR		
2W18-10L		147-15	AR		
2W18-10M		19A-4	AR		
2W18-1216		389	AR		
2W18-1416L		409-8	AR		
2W18-3		355	AR		
2W18-4		441	AR		
2W18-4L		205-35	AR		
2W18-416		26-13	AR		
2W18-416L		147-40	AR		
2W18-416M		19A-11	AR		
2W18-516		110	AR		
2W18-516L		4-29	AR		
2W18-516M		18-13	AR		
2W18-6		147-4	AR		
2W18-616		26	AR		
2W18-616L		127-30	AR		
2W18-616M		26-17	AR		
2W18-716		430-8	AR		
2W18-8		278A	AR		
2W18-8L		189-17	AR		
2W18-816		4-13	AR		
2W18-816L		486-39	AR		
2W18-916		389	AR		
2W18D10		56-24	AR		
2W2B21-28-125		96-44	AR		
2W2B24-19-.062		483-14	AR		
2W2B42-31-.062		483-16	AR		
2W2B42-31-.067		483-17	AR		
2W2P25-36-95		26-5	AR		
2W2SP16-10-1.250		398	AR		
2W2SP16-12-1.250		398	AR		
2W2SP16-14-.062		130-41	AR		
2W2SP16-14-1.250		398	AR		
2W2SP16-16-1.250		398	AR		
2W2SP17-34-95		26-14	AR		
2W2SP20-17-1.000		398-40	AR		
2W2SP20-18-1.000		398	AR		
2W2SP20-19-1.000		398	AR		
2W2SP20-20-1.000		398	AR		
2W2SP21-28-62		191-9	AR		
2W2SP21-34-95		26-16	AR		
2W2SP25-40-95		26-9	AR		
2W2SP32-28-.062		130-45	AR		
2W2S32-56-65		30-11	AR		
2W4-2		411-33	AR		
2W7-616		7	AR		
2Z36C2-8		392-12	4		
200071		39-5	REF		
200072		53-26	1		
200087-1		477-54	REF		
201-16046		76-23	1		
201-16064-1		76-21	1		
201-16064-2		76-22	1		
201-16064-3		76-25	1		
201-16064-4		76	1		
201-530104-11		367A-10	1		
20176-1		216-37	1		
202-050008		335	NP		
		340A	NP		
202-050009		335	NP		
		340B	NP		
		340C	NP		
202-050016		178	1		
		185B	1		
		185C	1		
202-050016-10		178	1		
		185B	1		
		185C	1		
202-050016-20		178	1		
		185B	1		
		185C	1		
202-050016-30		178	1		
		185B	1		
		185C	1		
202-050016-40		178	1		
		185B	1		
		185C	1		
202-050016-50		178	1		
		185A	1		
202-050017		394A	NP		
202-14109-1		18	1		
202-14109-2		18	1		
202-14829-3		7-64	8		
		18-23	8		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
202-14E29-5		7-59	8		
		18-18	8		
202-17C68-3		26-18	3		
202-17C68-5		26	5		
202-17C70		26-36	1		
202-17C71		26	1		
202-17C72		26	1		
202-17C73		26	1		
202-17C74		26	1		
202-17C75		26	1		
202-17C77		26	1		
202-17C77-11		26	1		
202-31034		146-24	2		
202-31035		146-31	2		
202-31036		146-27	2		
202-31039-1		146-59	1		
202-31039-2		146	1		
202-31040-1		146-58	1		
202-31040-2		146	1		
202-31041-1		146-46	1		
202-31041-2		146	1		
202-31042-1		146-47	1		
202-31042-2		146	1		
202-31043-1		146-51	1		
202-31043-2		146	1		
202-31044-3		146-26	2		
202-312154		3408-16	1		
202-31302		106-46	1		
202-31310		3408-26	1		
202-31311-3		160-40	1		
202-31311-4		160-41	1		
202-31311-5		160-42	1		
202-31311-6		160-43	1		
202-31313		340C-9	1		
202-31314-11		340C-6	1		
202-31317		3408-14	1		
202-31334		106-50	1		
202-31344		106-49	1		
202-31350-3		159	1		
202-31350-5		159	1		
202-31E76-1		361	1		
202-31E76-2		359-27	1		
		361-28	1		
202-31E78		168-15	1		
		173	1		
202-31E79-1		361	1		
202-31E79-2		359-28	1		
		361-29	1		
202-34627		231	1		
202-42007		159	1		
202-420076		340C	4		
202-42008		437	1		
202-42081-13		433-110	1		
202-42100		437	1		
202-42100-15		437-37	1		
202-42801-5		437	1		
202-42801-9		437	1		
202-43032-1		440	1		
202-43032-11		440	1		
202-43033		440	1		
202-43034		439	1		
202-43035		440	1		
202-43036		439	1		
202-43038		439	1		
		440-18	1		
202-43105		432	1		
		440	REF		
202-43105-11		432	1		
		440	REF		
202-43106		440	1		
202-43107		440	1		
202-43108-10		440	1		
202-43111		440	1		
202-43113		440	1		
202-43114		440	1		
202-43115		440	1		
202-43120		440	1		
		441	REF		
202-43121		441-44	1		
202-43122		441-48	1		
202-43123		441	1		
202-46002-61		159	1		
202-48142		39-3	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
202-48142		454-34	1		
		456-18	1		
202-51003		181	1		
202-510032		185A-51	1		
202-510033		185A-63	1		
202-51005		178	1		
		181	REF		
202-51015		181	1		
		185C-37	1		
202-51052		185C-43	1		
202-51079		475-15	1		
202-51103-20		185-58	1		
202-51103-30		185	1		
202-51111		185A-52	1		
		185C-39	1		
202-51111-3		185C	1		
202-51112		185C-38	1		
202-51113		185A-53	1		
		185C-44	1		
202-51174		376	1		
202-51175		376	1		
202-513004		185B	1		
202-51303-11		185C	1		
202-51303-13		185C	1		
202-518006-3		74	1		
202-518006-5		74	1		
202-53001		108	NP		
		363	NP		
202-53001-11		363	NP		
202-53009		363	1		
		366	REF		
		367	REF		
202-53009-11		363	1		
		366	REF		
		367	REF		
202-53009-21		363	1		
		366	REF		
		367	REF		
202-53010-1		373-35	1		
202-53010-2		373	1		
202-53011-1		373-36	1		
202-53011-2		373	1		
202-53012		365-44	REF		
		373-42	4		
202-53013-1		373-43	1		
202-53013-2		373	1		
202-53014		365-9	1		
		487B-8	1		
202-53014-21		365	1		
202-53014-31		365	1		
202-53021		366	4		
		367-16	4		
202-53040		359-11	1		
		361-15	REF		
202-53052		365-7	2		
202-53062		366-74	1		
202-53076		367-40	1		
202-53077		367-42	1		
202-53079		367-43	2		
202-53080-13		367-44	1		
202-53080-7		367-41	1		
202-53081		365-24	2		
202-53082		365-28	1		
202-53083		365-30	1		
202-53084-3		365-29	1		
202-53085		366-61	1		
		367-33	1		
202-53087-1		359	1		
		359-33	1		
202-53087-2		359	1		
		361	1		
202-53091		371	1		
202-53091-3		371-54	1		
202-53091-5		371-55	1		
202-53093		342-13	1		
202-53095		370	1		
		371	REF		
202-53095-11		371	2		
202-53095-21		370	1		
		371	REF		
202-53095-3		371	2		
202-53095-5		371	2		
202-53095-9		371	2		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
202-53097-1		359	1		
		361	1		
202-53097-2		359-16	1		
		361-22	1		
202-53097-3		359	1		
202-53097-4		359	1		
202-53107		364-19	1		
		4878-7	1		
202-53107-3		364	1		
202-53107-5		364	1		
202-53127		359-8	1		
		361-20	1		
202-53165		370	1		
202-53193		366	1		
		367-10	1		
202-53193-9		366	1		
202-533076		394A-11	2		
202-533077		394A-28	1		
202-533078		433-126	1		
202-533079		433-124	1		
202-533080		433-117	2		
202-533081		433-119	2		
202-533090		394A-27	1		
202-533092		433-118	2		
202-533095		394A-19	1		
202-533096		394A-12	1		
202-533097		433-108	1		
202-53352		433-109	2		
202-53356		159-38	1		
		394A-53	REF		
202-53357		394A-5	1		
202-53363-23		394A-41	1		
202-53363-41		394A	1		
202-53363-51		394A-39	1		
202-53364		394A-48	1		
202-53368		106-48	1		
		394A-52	REF		
202-53369		394A-49	1		
202-53373		159-37	1		
202-53375		160-44	1		
		394A-51	REF		
202-53376		394A-29	1		
		433-128	REF		
202-53380		394A-33	1		
202-53381		394A-35	1		
202-53383		394A-14	1		
202-53387		394A-20	2		
202-540001		108	NP		
		278A	NP		
		284A	NP		
		293A	NP		
		321A	NP		
202-540002-101		358A-22	1		
202-540002-11		284A	1		
202-540002-111		358A-28	1		
202-540002-31		278A	1		
202-540002-41		293A	1		
202-540002-51		293A	1		
		321A	1		
202-540002-61		293A	1		
202-540002-71		293A	1		
202-540002-81		293A	1		
202-540002-91		293A	1		
202-540003-3		284A-1	1		
202-540003-5		284A-2	1		
202-540004		293A-12	REF		
		321A-1	1		
202-540004-3		321A-4	1		
202-540004-5		321A-5	1		
202-540005		358A-10	1		
202-540005-11		358A-11	1		
202-540005-3		358A-14	1		
202-540005-5		358A-16	1		
202-540005-7		358A-15	1		
202-540005-9		358A-17	1		
202-540006		293A-11	REF		
		321	1		
202-540006-11		321	1		
202-540006-3		321-19	1		
202-540006-5		321-18	2		
202-540007		278A	NP		
202-540008		293A-10	1		
202-540010		321	NP		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
202-540011		278A-28	1		
202-540012		278A-1	1		
202-540012-3		278A-5	1		
202-540012-5		278A-6	1		
202-540013		19A-1	1		
		358A-41	1		
202-540014		92-24A	1		
202-540015		293A-9	1		
202-540016		358A-42	4		
202-540017		358A-40	1		
202-540018		278A-14	1		
202-540019		278A-9	1		
202-54002-11		318	1		
202-540020-61		340C	1		
202-540020-71		340C	1		
202-540022		160-46	1		
202-540023		160-47	1		
202-540024		160-45	1		
202-540025		160-48	1		
202-54014-1		92	NP		
202-54014-2		92	NP		
202-54018		302-9A	1		
202-54019		284-11	1		
202-54022		279-41	1		
202-54023		340A-25	REF		
		340C-18	1		
202-54036		92	1		
202-54037		316-38	1		
202-54039		433-19	1		
		470-2	1		
202-54040		279	1		
202-54041		279	3		
202-54075		306-28	1		
202-54114-1		18-30	NP		
		95	NP		
202-54114-2		18	NP		
		95	NP		
202-54704		205-33	1		
202-54706		205-40	1		
202-54709		205-24	1		
202-54710		205	1		
202-6810008		481-47	1		
202-6810009-1		481-48	1		
202-6810009-2		481	1		
202-681001-1		358A	NP		
202-681001-2		358A	NP		
202-681002-1		358A-1	1		
202-681002-2		358A-2	1		
202-681002-23		358A-34	1		
202-681002-24		358A	1		
202-681002-7		358A-35	1		
202-681003		358A-7	1		
202-681004-1		358A-8	1		
202-681004-2		358A	1		
202-681005-1		358A-9	1		
202-681005-2		358A	1		
202-681006-1		19A-19	1		
202-681006-2		19A	1		
202-681007-1		19A-8	1		
202-681007-2		19A	1		
202-68701-1		18-29	NP		
		65	NP		
		67	NP		
202-68701-2		18	NP		
		65	NP		
		67	NP		
202-710010		337	1		
		338	1		
		339	1		
		340A-5	1		
202-710011-1		340B	1		
		340C	1		
202-710011-11		340C	1		
202-710011-21		340A	1		
202-710011-31		340A	1		
202-710011-41		340A	1		
202-710012		337	1		
		338	1		
		340	1		
		340B-3	1		
202-71003		337-28	1		
		338-15	1		
		339-21	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
202-71004		337-33	1		
		338-20	1		
		339-26	1		
202-71005		337-42	1		
		338-29	1		
		340-12	1		
202-71006		337-37	1		
		338-24	1		
		340-2	1		
		340-7	1		
202-71014-3		313	1		
202-71014-5		313	1		
202-71015		313	1		
202-71016		340A-10	1		
202-71018		340A-17	1		
202-71019		340B-4	1		
202-71020		340A	1		
202-71020-11		340A	1		
202-71020-21		340B	1		
202-71021		340A-7	1		
202-71024		313	1		
202-73052		171	1		
202-73053-11		171-30	1		
202-73053-21		171-34	1		
202-73054		171-48	1		
202-73055		171-26	1		
202-73058		171-57	1		
202-73059-5		171-25	1		
202-73059-6		171	1		
202-73060-11		171-38	1		
202-73060-12		171	1		
202-73060-21		171-39	1		
202-73060-22		171	1		
202-73061-7		171-56	2		
202-73062		171-2	1		
202-73063		171-10	2		
202-73064		171-24	1		
202-73065-1		171-23	1		
202-73065-2		171	1		
202-73066-1		171-17	1		
202-73066-2		171	1		
202-73068		171-58	4		
202-73069		171-8	1		
202-73070		171-9	2		
202-73071		171-53	2		
202-73072-3		171-50	1		
202-73072-5		171-51	1		
202-73077		171-40	1		
202-73079		171-3	1		
202-74007		335-46	1		
202-74008		335-38	1		
202-74014		333-43	1		
		475-17	REF		
202-74015		333	1		
202-914044-19		19A-18	1		
202-914044-5		19A-2	1		
202-914044-9		19A-6	1		
		293A-13	REF		
202-953349		394A-50	REF		
		433-125	1		
2020-21		340C-30	REF		
		394A-21	1		
2022		403-15	REF		
203-16008		34-7	REF		
203-16008-3		34-7	2		
203-18029-1		33	1		
203-18029-2		33	1		
203-18030-1		33	1		
203-18030-2		33	1		
203-18035-1		33	1		
203-18035-2		33	1		
203-18036-1		33	1		
203-18036-2		33	1		
203-18048-1		33-9	1		
203-18048-2		33-10	1		
203-18052		33-1	2		
203-18063		33-5	2		
203-48312		54-59	2		
203-54026		328	1		
203-63121		484	1		
20305		433-112	1		
2033-070		4-7	6		
2034-070		4-6	52		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
20386-9		462-10	1		
2044-84		313	1		
		316	REF		
205AC 1/4		54-54	REF		
		58-6	2		
		59-22	2		
		59-37	1		
		60-26	1		
205AC 3/8		54	REF		
205AC 5/16		60-31	2		
205AC10		53-23	16		
		54-51	REF		
		59-17	15		
		59-33	6		
		59-40	1		
		446-2	12		
		446-9	6		
		453-9	2		
205AC19		60-22	2		
2061-18		335-45	1		
2069-25D		279-26	1		
207		70	REF		
207-954201		278-15	1		
20944		179	1		
21-699		337	REF		
		338	REF		
		339	REF		
210-51090		161-33	1		
214483-1		92-10	REF		
21710		83-26	REF		
21834-2937		391-8	1		
219-1016-3		348	REF		
		348-27	6		
219-1020-3		348	REF		
		351-49	6		
22-14S		358A-45	1		
22A217-22-02		16-23	1		
22A27-22-02		481-37	1		
22NM40		332-60	2		
22NM82		332-59	2		
2209-6		335-44	1		
223-51071-2		185A-34	1		
223-530078-15		367A-36	2		
223-530078-3		367A-37	2		
22318		231-12	1		
22400		185-57	REF		
		185C-20	REF		
225		352-50	1		
		471	1		
227-053002		364	REF		
		365	REF		
		367	REF		
		367A	REF		
227-10001		4	NP		
		5	NP		
227-14001-1		4	1		
		7	REF		
227-14001-2		4	1		
		7	REF		
227-14002-1		14	REF		
227-14002-2		14	REF		
227-14009-1		14	1		
		18-1	1		
		19	NP		
227-14009-2		14	1		
		18	1		
		19	NP		
227-140901-1		2	1		
227-140901-2		2	1		
227-14219-3		46-8	1		
227-14219-5		46-9	1		
227-14244-11		23	1		
227-14244-12		23	1		
227-14530-1		26	1		
227-14530-2		26-29	1		
227-14531-1		26	1		
227-14531-2		26-35	1		
227-14532-1		26	8		
227-14532-2		26-24	8		
227-14533-1		26	1		
227-14533-2		26-30	1		
227-14561		18-3	11		
		18-4	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
227-14561		18-5	1		
227-14605-1		14	NP		
		20	NP		
227-14605-2		14	NP		
		20	NP		
227-14606-1		20-21	1		
227-14606-2		20	1		
227-14607-3		20-33	REF		
		24-15	1		
227-14607-4		24	1		
227-14607-5		24	1		
227-14607-6		24	1		
227-14616		19-33	2		
227-14617		14-47	2		
227-14827		26-19	8		
227-14840-10		26	2		
227-14840-11		26	2		
227-14840-12		26	2		
227-14840-13		26	2		
227-14840-14		26	2		
227-14840-3		26-20	4		
227-14840-4		26	4		
227-14840-5		26	4		
227-14840-6		26	4		
227-14840-7		26	2		
227-14840-8		26	2		
227-14840-9		26	2		
227-16007-3		12	1		
		16	1		
227-16007-4		12	1		
		16	1		
227-17002-1		10	1		
227-17002-2		10	1		
227-17003-1		10	1		
227-17003-2		10	1		
227-17004-1		10	1		
227-17004-2		10	1		
227-17005-1		10	1		
227-17005-2		10	1		
227-17038-3		10	3		
227-17038-5		10	1		
227-17040		10	7		
227-17076		26	1		
227-18001-1		7	1		
		33	REF		
227-18001-101		7	1		
		33	REF		
227-18001-102		7	1		
		33	REF		
227-18001-2		7	1		
		33	REF		
227-18021		33-24	8		
227-31006-1		106	1		
		147	1		
227-31006-11		147-50	1		
227-31006-12		147	1		
227-31006-2		106	1		
		147	REF		
227-31006-53		147-38	1		
227-31006-73		147-51	1		
227-31006-9		147-49	1		
227-31007-1		147-35	1		
227-31007-2		147	1		
227-31007-3		147-17	1		
227-31007-4		147	1		
227-31007-5		147	1		
227-31007-6		147	1		
227-31008-1		147-34	1		
227-31008-2		147	1		
227-31009		147-7	6		
227-31010-1		147-20	1		
227-31010-2		147	1		
227-31010-3		147-2	2		
227-31010-4		147	2		
227-31012		147-22	1		
227-31013		147-26	1		
227-31014		147-27	1		
227-31015		147-13	2		
227-31018		147-29	1		
227-31223		125	1		
227-31420		115-33	1		
227-31421		115-34	1		
227-31421-21		115	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
227-31832		176-10	1		
227-31833		176-7	1		
227-31833-3		176-8	1		
227-31834		176-22	1		
227-31835		176-42	1		
227-31836-5		176-6	2		
227-31837		176-15	1		
227-31838		176-35	1		
227-31839		176-43	1		
227-31842		176-38	1		
227-31844-3		176-24	1		
227-42901		465	1		
227-47005		446	1		
227-48005-1		50	1		
227-48005-11		50	1		
227-48005-12		50	1		
227-48005-2		50	1		
227-48005-21		50	1		
227-48005-22		50	1		
227-48151		456-28	1		
227-48152		457-20	1		
227-48153		457-21	1		
227-48154		456-30	1		
227-48171		454-38	1		
227-48172		454-39	1		
227-48180-1		39	1		
227-48180-2		39	1		
227-48181-1		39	1		
227-48181-11		39	1		
227-48181-12		39	1		
227-48181-2		39	1		
227-48187		50	1		
227-48188		50	1		
227-48189		50	1		
227-48201-1		47	NP		
		49	NP		
227-48201-2		47	NP		
		49	NP		
227-48804-1		41-30	1		
227-48804-2		41	1		
227-48807		41-23	1		
227-48808		41-24	1		
227-48861		449-36	1		
227-51005		178	1		
		185	REF		
227-51005-11		178	1		
		185	REF		
227-51017		185-16	1		
227-51018		74-46	4		
227-51019		74-44	4		
227-51114		74	NP		
227-51154		180	1		
		189	REF		
227-51171		189-14	1		
227-52201		190	2		
227-52202		202	1		
227-52211		208	1		
227-52212		208-15	1		
227-52213		208-13	1		
227-52232		202	1		
227-52403		207	1		
227-52407		96	1		
227-52407-3		96	1		
227-52429		202	1		
227-530002-19		367A-1	1		
227-530002-3		367A-2	1		
227-530002-5		367A-3	1		
227-530002-9		365-36	1		
227-530004-1		367A-25	1		
227-530004-2		367A-26	1		
227-530010		367A-28	1		
227-530011-3		367A-33	1		
227-530011-4		367A-34	1		
227-530012-3		367A-35	1		
227-530015-1		364	1		
		365	1		
227-530015-2		364	1		
		365	1		
227-530020-3		367A-24	AR		
227-530022-3		342-19	1		
227-530022-5		342-23	2		
227-530022-7		342-24	AR		
227-530022-9		342-25	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
227-53C023-3		342	1		
227-53009		363	1		
		367	REF		
227-53310		377	1		
227-53311		385-12	1		
227-53315		390	2		
227-53404		464-26	1		
227-53405		464-18	1		
227-54014-1		92	NP		
227-54014-2		92	NP		
227-54014-3		6	NP		
		91	NP		
227-54026		317-12	1		
227-54027		317	1		
227-54028		317-9	1		
227-54031		108	NP		
		278	NP		
227-54032		108	NP		
		278	NP		
227-54033		108	NP		
		278	NP		
227-54034		108	NP		
		278	NP		
227-54040		473-36	1		
227-54040-10		473-32	1		
227-54042		314-23	1		
227-54043		314	1		
227-54050		300	1		
227-54102		285	REF		
		312	1		
227-54104		306	1		
		312	1		
227-54107		312	1		
		318	REF		
227-54174		318-17	1		
227-54175		318-14	1		
227-54705		205	1		
227-54706		205	1		
227-58601-3		436	1		
		445	REF		
		470	1		
227-58601-5		436	1		
		445	REF		
		470	1		
227-58602-3		436	1		
		444	REF		
		470	1		
227-58602-5		436	1		
		444	REF		
		470	1		
227-58706		96	1		
227-61082		126	1		
227-63025		480-17	1		
227-63162		485-17A	1		
227-63215		484	1		
		487A	REF		
227-63216		487A-13	1		
227-63217		487A-11	1		
227-63218		487A-12	1		
227-66006		474	1		
227-68015		477-10	1		
227-71003		339	1		
227-71003-11		340	1		
227-71003-13		340	1		
227-71003-21		339	1		
227-71003-23		339	1		
227-71003-3		339	1		
227-71003-31		339	1		
227-71003-33		339	1		
227-71003-41		340	1		
227-71003-43		340	1		
227-71003-51		104	1		
227-71003-53		104	1		
227-71004		336	2		
227-71005		336-16	1		
227-71006		336	1		
227-71007-1		335	1		
227-71007-11		335	1		
227-71007-21		335	1		
		340A-19	1		
227-71007-31		335	1		
		340A	1		
227-73001		471	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
227-974001		332	1		
22712-1.000		378-3	REF		
		378-6	REF		
22712-1.500		382	1		
22712-2.000		382	1		
		385	1		
22712-4.000		382	1		
		385	1		
22716-1		272	REF		
22720-2		272-8	REF		
23-52453		413-7	1		
		414-5	1		
2319-27		4	REF		
2320-30		4	REF		
2322-4		340C-2	1		
233-51A		293-21	1		
		312-13	1		
		319-11	1		
23322-5		327-8	REF		
2347		7	2		
		92-1	1		
		92-2	1		
		92-30	REF		
		92-31	REF		
23569-3		224-15	1		
237EAU		280-2	1		
		280-3	1		
		281-4	2		
		293-35	1		
		293-37	1		
		301-5	2		
		309-7	1		
		309-8	1		
		309-9	1		
		309-12	1		
		309-13	1		
		310-6	1		
		310-7	1		
		310-10	1		
		310-11	1		
		310-14	1		
		312-12	1		
		312-14	1		
		312-17	1		
		312-18	1		
		312-18A	1		
		312-19	1		
		312-19A	1		
		312-19B	1		
		312-20	1		
		312-22	1		
		312-43	1		
		313-29	1		
		313-31	1		
		316-24	3		
		316-25	1		
		324-10	1		
237EAU24		308-1	1		
		319-10	3		
24YY2055-5		284A-3	1		
		318-20	1		
2400-18		364	1		
		365-35	1		
242-481005-11		51-17A	1		
242-481005-7		51-17	1		
24532		316-2	1		
25-58067		476-5	1		
25S2		266-14	1		
25S2A		266-14	REF		
25342-4		90-23	1		
25386-1		269-7	REF		
25386-5		269-7	1		
25400B16A1A1		184	1		
259A4TT		351-13	REF		
		377-39	1		
2600-3-3		447-2	REF		
		447-4	REF		
270-30		477-4	REF		
270-8		304	REF		
		304-5	1		
271-103		403-14	2		
271-107		403	4		
27150		216-37	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
27400		246-17	REF		
28090B		255-11	1		
28100		223-20	1		
282-5 5/8		331-49	1		
		331A-51	1		
282-6 1/2		331-50	1		
		331A-52	1		
2870-5B-A1		375-6	1		
2880-5B-A1		375-6	REF		
2880-5B-C1		375-6	REF		
2881-5B-A1		375	1		
2881-5C-A1		375	1		
2885-5C-A1		375	1		
29000-1		272	REF		
29000-2		89	REF		
29000-4		272	REF		
29100-1		272	REF		
29100-2		89	REF		
29100-4		272-8	REF		
294088		358A-33	2		
29492-1		349-25	REF		
29492-2		349	REF		
295004		334	3		
295005		334	2		
295006		334	1		
		337	2		
295134-14C		334-24	1		
295981		334	2		
29656-6		205-18	1		
29860		329-28	REF		
		329-28A	REF		
3AG		282	1		
3A1064		413-45	1		
3A665 1/8		381-10	1		
3D1		171-11	2		
3F2-4		114-12	2		
3H2-10-10		376	1		
3H2-10-11		448-18	1		
3H2-10-12		48	1		
3H2-10-14		376-9	1		
3H2-10-15		48-2	1		
3H2-10-20		432-4	1		
3H2-14-12		375-9	1		
3H2-16-14		52-18	2		
3H2-16-15		39-9	1		
3H2-16-34		52	1		
3H2-16-38		53	1		
3H2-16-41		40-33	1		
3H2-16-48		44-17	1		
3H2-20-15		40-21	1		
3H2-24-15		449-24	3		
3H2-6-11		448-23	1		
3H2-6-13		48-6	2		
3H2-6-15		40	1		
3H2-8-13		52-14	2		
3H2-8-15		448-21	1		
3H2-8-36		52	1		
3H2-8-39		53	1		
3H2-8-43		53-17	1		
3H2L10-11		385-11	1		
3H2L4-10		377-41	1		
3H2L4-15		449-17	2		
3H3-12-017		436-2	1		
3H3-12-0244		436-7	1		
3H3-16-12 1/2		436-33	1		
3H3-16-13 3/4		436	REF		
3H3-16-27		448-9	1		
3H3-4-10		216-22	1		
3H3-4-10 1/2		216	1		
3H3-4-11		81	1		
3H3-4-11 1/2		81-16	1		
3H3-4-12		239-18	1		
3H3-4-12 7/8		206-11	2		
3H3-4-13		206	1		
3H3-4-13 9/16		206	1		
3H3-4-14		226-21	1		
3H3-4-14 1/4		206	1		
3H3-4-14 1/8		206-12	1		
3H3-4-15		206-13	1		
3H3-4-15 3/4		206	1		
3H3-4-16		77-12	1		
3H3-4-17		81-27	1		
3H3-4-17 1/2		216-19	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
3H3-4-20		216-18	1		
3H3-4-23 1/2		77-26	1		
3H3-4-28		226-20	1		
3H3-4-8		216	1		
3H3-6-0176		114-13	2		
3H3-6-17		77-13	1		
3H3-6-176		458-35	1		
3H3-6-19 1/2		265-2	1		
3H3-6-28 1/2		77-27	1		
3NBF512YJ		26-27	1		
		26-33	1		
3S10-7		61-8	1		
3S9		278-17	1		
3T2-2		293-31	1		
3T3-5-2		293-25	1		
3T3-6-1		278-37	1		
3T3-6-11		278-35	3		
3T3-6-3		278-36	1		
3Z9695-2.30		391-17	1		
3000-24		272	REF		
30017		272-25	1		
30018H		235-5	1		
30058-14		314-30	REF		
30058-24		314-29	REF		
30058-29		314-30	1		
30058-30		314-29	1		
30088		296-44	1		
31103A		471	1		
31103B		352-53	1		
311706		225-8	1		
		231-29	1		
311826-1		253-9	1		
312022-1		247-17	REF		
312022-2		247-17	1		
3122-11		182-3	1		
		185A-8	1		
		185B-8	1		
3124-1A		393-13	1		
313.500		321	REF		
315115-2		315-40	REF		
		316-16	REF		
		316-47	REF		
		325-3	REF		
		325-4	REF		
31521		394-4	3		
31586		75	REF		
31586-1		75-41	REF		
31589		245-8	REF		
31590		235-14	1		
3187		316-44	REF		
		335-17	REF		
31873A		304-23	1		
		304-31	1		
32-1451-08C		4-9	58		
32-1452-.048		412-25	1		
32-1452-126		5-28	2		
32R500		351-1	REF		
32R500-3		351-1	1		
320G		308	4		
320R		308	2		
321-63-225SH		87	1		
321W		308	1		
32222		363	1		
323SR		181	1		
		185	1		
		185A	1		
		185C	1		
3235SS020		106	38		
325-625-3.75S		214-2	REF		
325-625-3.750S		262-20	REF		
325-625-3.80S		231-15	REF		
325-625-4.500S		262-11	REF		
325-625-4.63S		231-14	REF		
325-625-5.594S		239-9	REF		
325-625-6.000S		262-25	REF		
326-75-7.563SH		433-20	1		
		470-3	1		
327		294	3		
		295	4		
33KDD5		474-14	2		
33500-05		322-12	REF		
		377-5	1		
		385-27	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
33534-2		316-16	REF		
		316-47	REF		
336		93-7	1		
		94-23	2		
		95-15	1		
34656-3		205	1		
3502-10-1		188-11	1		
3505		329-38	1		
3509		278-19	1		
35534-2		325-3	REF		
		325-4	REF		
		435-14	REF		
		470-10	REF		
35534-20		315-40	REF		
3585-6CN X 9/16		455	1		
3591-5CN X 15/32		19A-17	1		
		19A-23	1		
3600-2-82		267	7		
36010-2		315-40	1		
		316-47	2		
		325-3	13		
		325-4	3		
		435-14	2		
		470-10	1		
36101-2		316-16	2		
365-62-462SH		394A-6	2		
36548		282-37	1		
		283-14	1		
		313-14	1		
36700-1A1A3		184-7	1		
		185A-16	1		
36700-1A1B1		184-7	REF		
		185A-16	REF		
36837		216-14	1		
37300		231-12	REF		
37808		239-8	1		
379-12		339	2		
38390		263-25	1		
		265-33	1		
		476-29	1		
38426		245-8	REF		
		273-5	REF		
38427		235	REF		
39AH240		456-19	1		
39A4240		454-42	1		
39B5435		39-3	REF		
		53-25	REF		
		54-48	REF		
		456-18	REF		
392-17		480-19	1		
396H		75	REF		
		75-41	1		
397-1		94	4		
		292	2		
		294	1		
		294-15	1		
		295	1		
		305	2		
		315	1		
397-10		293-20	1		
		304	4		
		305	4		
		306	1		
		335	1		
397-11		278-33	3		
		306	1		
		340A-9	1		
397-12		94	1		
		95	1		
		293	2		
		293-19	3		
		293A	1		
		313	1		
		333	4		
397-13		331-41	6		
		331A-44	6		
		335	1		
397-14		293	1		
397-15		340A	1		
		340B-29	4		
397-18		293A	1		
		328	2		
397-2		91	2		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
397-2		92	3		
		94	8		
		95	5		
		292	2		
		314-9	1		
		315	1		
		315-2	1		
		325	1		
		328	1		
		335-39	1		
397-3		92	1		
		292	1		
		304	1		
		325	1		
397-4		92	1		
		295	1		
		306-16	1		
		312-29	1		
		314	1		
		328	1		
		335-36	6		
397-5		94	2		
		306	1		
397-6		293	2		
		304-13	1		
		306-21	1		
		313	1		
		315-22	2		
		358A	2		
397-7		94	1		
		95	1		
		306-15	4		
		333	2		
		358A	1		
397-8		293	1		
		313	1		
		315	2		
		325	1		
397-9		185A	1		
		185C	1		
		278A	1		
		305	1		
		313-11	1		
		325	1		
		335	1		
		358A	1		
398-2		94	1		
398-3		94	1		
399-60001		185A	REF		
		185C	REF		
399-60003		185A	REF		
		185C	REF		
4-0200		48-4	REF		
4-2020-77		239-11	1		
4-2050-77		247-15	1		
		247-31	1		
4-51751-10		437	1		
4-51751-12		437	1		
4-51751-14		437	1		
4-51751-16		437	1		
4-51751-6		437	1		
4-51751-8		437	1		
4AT3		181-5	REF		
		181-14	REF		
4AT4		181-5	1		
		181-14	1		
		185-38	1		
		185C-24	1		
4B12CP4-61		144-6	AR		
4B16CF10-28		194-53	AR		
4B16CF10-29		196-8	AR		
4B16CF4-12		205-13	AR		
4B16CF4-18		68-18	AR		
4B16CF4-4		399-7	AR		
4B16CF4-9		400-19	AR		
4B16CF5-008		64-16	AR		
4B16CF5-16		398	AR		
4B16CF5-9		411-9	AR		
4B16CF6-14		67-4	AR		
4B16CF6-16		487	AR		
4B16CF6-19		159-13A	AR		
4B16CF7-12		395-30	AR		
4B16CF7-13		416-21	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
4B16CF7-14		144-20	AR		
4B16CF7-16		402-14	AR		
4B16CF7-22		159	AR		
4B16CF8-16		67-3	AR		
4B16CP10-20		196-7	AR		
4B16CP3-6		403	AR		
4B16CP3-8		411-30	AR		
4B16CP3-9		194-58	AR		
4B16CP4-12		130-61	AR		
4B16CP4-7		130-60	AR		
4B16CP4-9		115-10	AR		
4B16CP5-6		194	AR		
4B16CP6-10		194-24	AR		
4B16CP6-12		357-28	AR		
4B16CP6-14		412	AR		
4B16CP6-9		395	AR		
4B16CP7-7		412-36	AR		
4B16CP8-19		395	AR		
4B16CP9-12		144	AR		
4B16RF10-27		277	AR		
4B16RF4-12		167-6	AR		
4B16RF5-16		157-10	AR		
4B16RF5-8		211-27	AR		
4B16RF6-13		157-7	AR		
4B16RF6-18		211-20	AR		
4B16RF7-12		99-3	AR		
4B16RF8-24		160-24	AR		
4B16RP4-12		127-37	AR		
4B16RP4-13		127-39	AR		
4B16RP5-15		159	AR		
4B16RP6-10		30-20	AR		
4B16RP6-8		395	AR		
4B16RP7-24		400-17	AR		
4B18-4-125		429	AR		
4B18-8-104		111-42	AR		
4B18-8-40		110	AR		
4B18B3-64		109-28	AR		
4B18B5-51		109-3	AR		
4B19B4-005		75-34	AR		
4B19S10-013		98-34	AR		
4B19S10-014		97-27	AR		
4B19S3-029		170-33	AR		
4B19S3-100		109-8	AR		
4B19S4-007		269-16	AR		
4B19S4-008		269-14	AR		
4B19S4-027		147-43	AR		
4B19S4-028		207-18	AR		
4B19S4-118		130-40	AR		
4B19S5-005		370-24	AR		
4B19S8-015		130	AR		
4B19S9-118		130-44	AR		
4B20B12-028		165	AR		
4B20B4-003		423-5	AR		
4B20B4-004		418-4	AR		
4B20B5-014		64	AR		
4B20B8-010		411-41	AR		
4B20B9-015		33-25	AR		
4B20M-S4-003		397-4	AR		
4B20S10-015		33-31	AR		
4B20S3-009		26-26	AR		
4B20S4-004		419-4	AR		
4B20S4-008		115-28	AR		
4B20S4-010		279-18	AR		
4B20S5-9		109-2	AR		
4B20S6-20		127-13	AR		
4B20S6-24		127-14	AR		
4B20S7-006		102-10	AR		
4B20S7-28		135-15	AR		
4B20S8-015		33-28	AR		
4B20S9-015		33-27	AR		
4B21B3-005		190-35	AR		
4B21B3-007		63	AR		
4B21B3-024		111	AR		
4B21B3-121		64-31	AR		
4B21B4-009		422-15	AR		
4B21B4-021		175-6	AR		
4B21B4-16		421-22	AR		
4B21B5-006		111-48	AR		
4B21CP5-006		66	AR		
4B21M-S3-021		397-10	AR		
4B21S3-004		424-21	AR		
4B21S3-005		147-31	AR		
4B21S3-006		171-41	AR		
4B21S3-007		145-11	AR		
4B21S3-008		424-16	AR		
4B21S3-010		145-19	AR		
4B21S3-013		408-10	AR		
4B21S3-016		159-16	AR		
4B21S3-017		64-20	AR		
4B21S3-018		66-8	AR		
4B21S3-020		165-3	AR		
4B21S3-026		210-8	AR		
4B21S3-030		147-10	AR		
4B21S3-100		478-24	AR		
4B21S3-112		190-38	AR		
4B21S3-200		66-12	AR		
4B21S3-420		110	AR		
4B21S4-003		364	2		
4B21S4-010		76	AR		
4B21S4-012		76-32	AR		
4B21S4-016		75-30	AR		
4B21S4-017		404-10	AR		
4B21S4-026		162-14	AR		
4B21S4-030		162-15	AR		
4B21S4-106		269-15	AR		
4B21S4-120		111-20	AR		
4B21S4-122		162-17	AR		
4B21S4-204		205-15	AR		
4B21S4-44		201-9	AR		
4B21S5-019		102-3	AR		
4B21S5-020		165-10	AR		
4B21S6-008		127-31	AR		
4B21S8-024		76-28	AR		
4B21S8-112		70	AR		
4B2153-009		404-27	AR		
4B26CF5-012		66	AR		
4D1-1-310		385-13	AR		
4D1-4-110		385-41	AR		
4D1-4-122		385-35	AR		
4D1-4-142		385	AR		
4D1-8-214		385-31	AR		
4D1-8-450		385-34	AR		
4D2-16-14		394A-4	2		
4D2-20-14		385-14	AR		
4D2-32-14		394A-16	2		
4D2-40-14		394A-31	1		
4G2-16		43-7	AR		
4G2-20		450-10	AR		
4G3-14		336	AR		
4G3-16		179-27	AR		
4G3-20		320	AR		
4G3-24		293	AR		
4G3-28		293	AR		
4G3-32		306	AR		
4JX55		278-12	AR		
4L2		70-23	AR		
4P2-3		335	1		
4P2B3		335	1		
4P2G17		335	1		
4S3-10-10		110-46	AR		
4S3-10-12		172-22	AR		
4S3-10-14		127-8	AR		
4S3-10-16		179-40	AR		
4S3-10-17		110-51	AR		
4S3-10-22		110-40	AR		
4S3-10-23		260-19	AR		
4S3-10-4		413	AR		
4S3-10-5		403-33	AR		
4S3-10-6		407-27	AR		
4S3-10-64		168	AR		
4S3-10-96		170-9	AR		
4S3-416-10		387-8	AR		
4S3-416-13		482-21	AR		
4S3-416-14		186-17	AR		
4S3-6-10		417-10	AR		
4S3-6-3		477-36	AR		
4S3-616-20		110-29	AR		
4S3-616-4		407-45	AR		
4S3-616-6		417-6	AR		
4S3-8-10		477-18	AR		
4S3-8-26		477-19	AR		
4S3-8-33		70-27	AR		
4S3-8-36		70-29	AR		
4S3-8-8		388-2	AR		
4S3D10-14		45-18	AR		
4S3D10-22		411-17	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
4S3D10-5		386	AR		
4S3D10-7		366-5	AR		
4S3D4-16		478-35	AR		
4S3D416-8		186-8	AR		
4S3D516-4		194-33	AR		
4S3D6-6		366-9	AR		
4S3D716-11		402-11	AR		
4S3D8-10		332-55	AR		
4S3D8-8		194-32	AR		
4S4-4-6		70-18	AR		
4S4-5-5		407-32	AR		
4S4-6-10		477-42	AR		
4S4-6-2		477-43	AR		
4S4-6-30		146-16	AR		
4S4-8-20		374-35	AR		
4S4-8-26		146-19	AR		
4S4-8-27		177-42	AR		
4S4D4-12		144	AR		
4S4D4-14		144	AR		
4S4D4-4		378-23	1		
4S4D5-8		144	AR		
4S4D6-12		411-11	AR		
4S4D6-19		432-46	AR		
4S4D6-30		407-41	AR		
4S4D8-10		320-41	AR		
4S5		348-19	AR		
4S6-4-0.344		77-37	AR		
4S6-4-1.188		203	AR		
4S6-5-0.384		203	AR		
4S7-10-.729		76-4	AR		
4S7-5-2.438		75-12	AR		
4S7-7-4.454		208-26	AR		
40A7419-1		308-19	1		
		308-22	2		
		308-23	4		
40R855C		458-23	1		
4000-14		272	REF		
4000-16		272	REF		
4000-24		89	REF		
4002-5		17	1		
		19	1		
		27	1		
4002-5N		17	1		
		19	1		
		27	1		
40095		94-28	1		
4010-18		348-18	2		
4044		403-15	1		
41A4104		415-23	1		
4111		313	4		
412266F		314-37	1		
412269F		73-5	1		
412270C		73-3	1		
412271E		73-6	1		
4125-70		340C-28	REF		
		433-113	1		
413002		328-21	1		
413015		328-20	1		
41759-10-11.000SH		236-4	2		
41759-12-11		236-5	2		
41972		83-27	1		
42B3581		446-13	REF		
		462-14	REF		
42D10-048		24	2		
42FW1018		207-10	2		
42105		461-28	1		
42535-1.000S		378-3	REF		
		378-6	REF		
42535-1.500		377-19	1		
42535-1.500S		382-25	1		
42535-2.000S		385-1	1		
42535-4.000SH		382-16	1		
42535-400SH		385	1		
42737-1.500		377	1		
42902-2.000SH		382-4	1		
43A10866		348-14	6		
43A10936		348-13	6		
43537		357	2		
43538		357	2		
4365-331S		394A-32	1		
		394A-34	1		
43668-150		382-8	3		
		382-17	4		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
43688-124		433-104	2		
43688-125		394A-24	1		
43688-200		377-6	1		
		377-8	5		
		382-2	1		
		385-3	1		
43688-300		377-13	1		
43688-400		377-21	1		
43688-450		167-14	1		
		168-33	1		
43907-5.036S		382-37	1		
44-21181-10		437-29	1		
44-21181-12		437-30	1		
44-21181-6		437-27	1		
44-21181-8		437-28	1		
44A11184		348-15	6		
44A13841		39-15	1		
44B11182		348-14	REF		
44B11183		350-23	6		
44B18574		282-32	REF		
		313	1		
		313-30	1		
44B25259		348-11	6		
44B26996		354-25	REF		
44G5437		366	1		
442001		328	2		
45A7400-1		296-6	2		
45A7400-2		285	1		
		296-7	1		
45A74002		318-7	1		
4587509		170-9	REF		
4501D3		348	REF		
4503-56		186-19	2		
45032		296	1		
4506D3		348	REF		
45132		314-22	1		
4574		313	REF		
46812487		376-1	REF		
		376-5	REF		
46004		389-25	1		
		390-21	1		
47D6114-1		325-28	1		
47D6114-2		325-29	1		
48132		191-7	1		
48143		50-16	8		
		363	5		
48155		483-8	1		
48166		6	1		
49C7573		316-2	REF		
49039		92-10	REF		
49296		334	3		
49398		125-34	24		
		125-36	10		
		125-38	4		
		125-40	20		
494Y0E78		336-7	REF		
494Y78		336-7	REF		
5-1700		19	REF		
5-2200		54-8	REF		
5-2400		15	REF		
		15-11	2		
5-2500		15	2		
5-7100		28	REF		
581-10		414-37	AR		
581-12		127-43	AR		
581-13		292-20A	AR		
581-15DH		396-16	AR		
581-5		41	AR		
581-6		402-17	AR		
5B15D29-12		186	AR		
5B15D47-22		186-4	AR		
5B16		186-5	AR		
5B17-5A		162-25	AR		
5B17CN7A		354-22	AR		
5B17C3A		186-14	AR		
5B17C30		25	AR		
5B17C4A		34	AR		
5B17C5A		27-46	AR		
5B17C6		228-14	AR		
5B17C6A		34	AR		
5B18-7A		162-29	AR		
5B18CN10A		162-48	AR		
5B18CN11A		162-42	AR		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
5B18CN12A		162-45	AR		
5B18CN13A		162-43	AR		
5B18CN6A		353-20	AR		
5B18CN7A		162-47	AR		
5B18C12A		162-18	AR		
5B18C22A		186	AR		
5B18C25A		186-18	AR		
5B2-11		146-30	AR		
5B2-12DH		226-15	AR		
5B20C31A		25	AR		
5B23		278-14	2		
5B24-5-24		18-20	AR		
5B24-6-24		18-25	AR		
5B24-7-40		395	AR		
5B30-1032-4A		433-122	1		
5C12		337-41	AR		
5C8-11		294-24	AR		
5C8-13		294-25	AR		
5E90X124		34	REF		
5H2-3		486-2	AR		
5H2-9		413-1	AR		
5P36		105-10	AR		
5P37-3		178-32	AR		
5R13-11		377-22	AR		
5R13-15		394A	1		
5R13-3		382	AR		
5R13-5		377	AR		
5R13-9		377	AR		
5R15-4		216	AR		
5R15-6		234	AR		
5S5-2-5		315-27	AR		
5S5-2-7		315	AR		
5S6		394A	2		
5S7-3-1-16-1-15		340A	1		
5S7-3-10-1-9		185A	1		
5S7-3-12-1-11		340A	1		
5S7-3-13-1-15		340A	1		
5S7-3-16-1-15		340B	4		
5W1-3-19-10		37-31	AR		
5W1-3-20-5		37-32	AR		
5W1-4-10-9		37-26	AR		
5W1-4-14-8		37-9	AR		
5W1-4-15-8		37-24	AR		
5W1-4-17-8		37-13	AR		
5W1-4-2-4		37-27	AR		
5W1-4-2-6		37-33	AR		
5W1-4-2-8		37-34	AR		
5W1-4-29		57-24	AR		
5W1-4-29-4		37-10	AR		
5W1-4-3-5		37-22	AR		
5W1-4-3-6		57-30	AR		
5W1-4-30-8		37-14	AR		
5W1-4-34-4		37-23	AR		
5W1-4-35-3		37-28	AR		
5W1-4-4		57-21	AR		
5W1-4-50		37-16	AR		
5W1-4-50-8		37-11	AR		
5W1-4-6-10		37-25	AR		
5W1-4-6-11		37-8	AR		
5W1-4-6-9		57-31	AR		
5W1-4-7-10		57-23	AR		
5W1-4-8-12		57-22	AR		
5W1-4-9-0		37-21	AR		
5W1-6-1-8		57-11	AR		
5W1-6-10-15		57-17	AR		
5W1-6-22-12		57-33	AR		
5W1-6-3-8		57-10	AR		
5W1-6-35-0		358A-38	AR		
5W1-6-4-0		57-35	AR		
5W1-6-6-14		57-36	AR		
5W1-8-23-8		57-37	AR		
5W1-8-27-0		358A-39	AR		
5W1-9-15-0		17-3	AR		
5W1-9-16-14		37-30	AR		
5W1-9-17-14		57-27	AR		
5W1-9-22-0		17	AR		
5W1-9-28-2		37-29	AR		
5W1-9-29-4		57-28	AR		
5W1-9-7-10		57-26	AR		
50B6219		170	REF		
		170-11	1		
50D176C0		308-18	2		
5000-24		272	REF		
5000-26		272	REF		
50001-1		272	REF		
50001-3		89	REF		
50001-4		272	REF		
50002-2		89	REF		
5008-75		97-15	2		
5022-3		279-5	2		
503X		338-2	REF		
504X		338-7	REF		
505X		338-8	REF		
51E17937		474	REF		
51H3977-1		366-33	1		
5100-18		474-10	2		
516013		382	1		
51823J		437-36	1		
52-1571-064		144-23	6		
		144-32	6		
52-1650-020		484-9	8		
52-1650-048		484-33	12		
52A1-080		35	REF		
52B3687-3		376	1		
52B595		473-17	1		
52B6660		367A-5	1		
52C522-1		293-34	1		
		293-38	1		
52D6845		471	1		
53B18007		473-31	1		
53C4719		191-18	1		
53J20940-1		366	1		
		367	1		
53J5290		480-17	REF		
53410991		328-16	1		
5373X		336	REF		
		336-8	REF		
54A3A224-28-11P		328	1		
54A3A224-28-11S		306	1		
54A3A224-28-12S		331A	1		
54A3A224-28-20P		328	1		
54A3A224-28-21S		331A	1		
54A3A224-32-7S		306	1		
54D19600		366-26	1		
		367-11	1		
54FEA1508		141-36	2		
		153-19	2		
54FEA1510		141-30	2		
54FEA1516		119-17	2		
54FEA1523		151-10	2		
		152-10	2		
54FEA1566		290-4	1		
54FEA1567		290-5	1		
54FEA1684		392-13	2		
		393-23	1		
54FEA1691		298-7	REF		
54FEA1746		123-21	1		
54FEA1752		119-18	1		
54FEA1756		123-3	1		
54FEA1758-1		150-43	1		
54FEA1758-2		150-44	1		
54FEA1758-3		123-16	1		
54FEA1759		151-36	1		
		152-36	1		
54FEA1761		150-45	2		
54FEA1763		150-46	1		
54FEA1764		119-19	4		
54FEA1768		143-29	1		
54FEA1769		143-16	1		
54FEA1770		143-24	1		
54FEA1772		143-19	1		
54FEA1773		143-23	1		
54FEA1774		143-1	1		
54FEA1775		123-6	1		
54FEA1904		148-24	2		
54FEA1929L		119-4	1		
54FEA1929R		119	1		
54FEA1971		142-20	2		
54FEA1972		153-5	2		
54FEA1973		154-5	1		
54FEA1974L		151-47	1		
54FEA1974R		152-47	1		
54FEA1975		151-48	1		
		152-48	1		
54FEA1976		119-20	2		
54FEA2057		345-22	4		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
54FEA2058		345-23	2		
54FEA2067		391	2		
54FEA2083		392-8	4		
54FEA294		118-19	2		
54FEA298		118-20	1		
54FEA337L		150-25	1		
54FEA337R		150-26	1		
54FEA339L		150-27	1		
54FEA339R		150-28	1		
54FEA343		120-13	2		
54FEA344		120-15	2		
54FEA345		120-11	4		
54FEA346		120-14	2		
54FEA347		120-12	2		
54FEA348		120-16	2		
54FEA349		120-1	1		
54FEA350		120-2	1		
54FEA351		120-4	1		
54FEA352		120-3	1		
54FEA359		120-20	1		
54FEA360		120-17	1		
54FEA361		120-24	1		
54FEA362		120-23	1		
54FEA363		120-22	1		
54FEA364		120-21	1		
54FEA365		120-19	1		
54FEA366		120-18	1		
54FEA367		120-30	1		
54FEA368		120-25	1		
54FEA369-1		120-27	1		
54FEA369-2		120-32	1		
54FEA370-1		120-26	1		
54FEA370-2		120-31	1		
54FEA382		119-5	1		
54FEA383L		119-6	1		
54FEA383R		119	1		
54FEA390		119-15	2		
54FEA391		119-16	2		
54FEA436		148-72	1		
54FEA437		148-63	2		
54FEA438		148-3	2		
54FEA439L		148-58	1		
54FEA439R		148	1		
54FEA440		148-66	1		
54FEA442		148-21	2		
54FEA445		148-16	4		
54FEA446L		148-19	5		
		148-27	REF		
54FEA446R		148	5		
		148-27	REF		
54FEA471		391-34	1		
54FEA472		391-2	6		
54FEA473		391-9	1		
54FEA474		391	1		
54FEA475		391	1		
54FEA476		391	1		
54FEA477		391	1		
54FEA505		150-40	2		
54FEA506L		150-41	1		
54FEA506R		150	1		
54FEA507		150-42	2		
54FEA541L		142-28	1		
54FEA541R		142-4	1		
54FEA542		142-5	2		
54FEA543		142-6	4		
54FEA544L		142-7	2		
54FEA544R		142-8	2		
54FEA545		142-9	8		
54FEA546		142-10	8		
54FEA547		142-11	2		
54FEA548		142-14	2		
54FEA550L		142-15	2		
54FEA550R		142-16	2		
54FEA551		142-17	2		
54FEA552		141-5	1		
54FEA553		141-6	1		
54FEA554		141-7	1		
54FEA556		141-40	4		
54FEA557		141-41	2		
54FEA571		347-9	2		
54FEA572		347-10	2		
54FEA573		347-8	2		
54FEA583		137-7	2		
54FEA584		137-8	8		
54FEA585		137-9	2		
54FEA609		136-29	4		
54FEA610		136-30	4		
54FEA612		136-31	1		
54FEA613		136-32	2		
54FEA614		136-33	4		
54FEA615		136-34	2		
54FEA616		136-35	4		
54FEA617L		136-36	1		
54FEA617R		136	1		
54FEA618		136-37	2		
54FEA619		136-38	1		
54FEA620		136-39	4		
54FEA621		136-40	1		
54FEA622-1		136-41	2		
54FEA622-2		136-42	1		
54FEA623		136-43	1		
54FEA624L		136-44	1		
54FEA624R		136-45	1		
54FEA625		136-46	1		
54FEA668		151-9	1		
		152-9	1		
54FEA669		151-42	1		
		152-42	1		
54FEA670		154-11	1		
54FEA671		154-13	8		
54FEA672		154-12	8		
54FEA673		151-21	1		
		152-21	1		
54FEA674L		151-22	1		
		152-22	1		
54FEA674R		151-23	1		
		152-23	1		
54FEA676L		151-1	1		
		152-1	1		
54FEA677		153-11	20		
54FEA678-1		153-14	20		
54FEA678L		153-12	10		
54FEA678R		153-13	10		
54FEA679L		153-15	4		
54FEA679R		153-16	4		
54FEA680		151-46	1		
54FEA681		151-44	1		
		152-44	1		
54FEA682		153-10	2		
54FEA683L		151-28	2		
54FEA683R		152-28	2		
54FEA688		142-18	2		
54FEA689		142-19	2		
54FEA701		118-15	1		
54FEB1522		153	2		
54FEB1522-1		153-17	1		
54FEB1563		290-1	1		
54FEB1565		290-3	1		
54FEB1671		298-8	REF		
54FEB1692		298-10	REF		
54FEB1751		155-2	1		
54FEB1755		123-2	1		
54FEB1757		123-34	1		
54FEB1762		123-14	1		
54FEB1766		143-17	1		
54FEB1767		143-25	1		
54FEB1771L		143-11	1		
54FEB1771R		143-12	1		
54FEB1776		123-5	1		
54FEB1928L		119-3	1		
54FEB1928R		119	1		
54FEB1984		118-29	1		
54FEB2045		138-11	2		
54FEB2048		347-2	1		
54FEB2049		347	1		
54FEB2061		392-19	4		
54FEB2062		392-26	4		
54FEB2066		391-21	2		
54FEB2081L		392-5	1		
54FEB2081R		392	1		
54FEB2082		392-6	2		
54FEB284		215-10	1		
54FEB285		215-11	1		
54FEB287		393-29	2		
54FEB323		150-6	1		
54FEB324		150-7	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
54FEB325L		150-8	1		
54FEB325R		150-9	1		
54FEB326		150-10	1		
54FEB327L		150-11	1		
54FEB327R		150-12	1		
54FEB328		150-13	1		
54FEB329		150-14	1		
54FEB330L		150-15	1		
54FEB330R		150-16	1		
54FEB332		150-19	1		
54FEB333		150-20	1		
54FEB334		150-21	1		
54FEB335		150-22	1		
54FEB336L		150-23	1		
54FEB336R		150-24	1		
54FEB342		120	1		
54FEB384L		119-7	1		
54FEB384R		119	1		
54FEB385L		119-8	1		
54FEB385R		119	1		
54FEB386		119-9	1		
54FEB405		118-27	1		
54FEB406		118-28	1		
54FEB427L		148-23	1		
54FEB427R		148	1		
54FEB428L		148-20	1		
54FEB428R		148	1		
54FEB429L		148-34	1		
54FEB429R		148	1		
54FEB430-2L		148-53	1		
54FEB430-2R		148	1		
54FEB430L		148-52	1		
54FEB430R		148	1		
54FEB431		148-49	1		
54FEB433-2L		148-33	1		
54FEB433-2R		148	1		
54FEB433L		148-32	1		
54FEB433R		148	1		
54FEB434		148-51	1		
54FEB443		148-25	2		
54FEB444		148-22	2		
54FEB467		391-22	1		
54FEB468		391-1	1		
54FEB499		150-34	1		
54FEB500		150-35	1		
54FEB501		150-36	1		
54FEB502		150-37	1		
54FEB503		150-38	1		
54FEB504		150-39	1		
54FEB512		121-6	2		
54FEB514		319-15	2		
54FEB538L		142-26	1		
54FEB538R		142-2	1		
54FEB539L		142-27	1		
54FEB539R		142-3	1		
54FEB540		141-4	1		
54FEB568		347-13	2		
54FEB569		347-6	1		
54FEB570		347-7	1		
54FEB578		137-15	1		
54FEB579		137-3	1		
54FEB580		137-4	2		
54FEB581L		137-5	1		
54FEB581R		137-6	1		
54FEB582L		137-16	1		
54FEB582R		137-17	1		
54FEB591		136-9	1		
54FEB592L		136-10	2		
54FEB592R		136-11	2		
54FEB593		136-12	1		
54FEB594		136-13	1		
54FEB595L		136-14	2		
54FEB595R		136-15	2		
54FEB596		136-16	1		
54FEB597		136-17	1		
54FEB598L		136-18	1		
54FEB598R		136-19	1		
54FEB599		136-20	1		
54FEB600		136-21	1		
54FEB601		136-22	1		
54FEB602		136-24	1		
54FEB603		136-25	1		
54FEB604		136-26	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
54FEB605		136-27	2		
54FEB606L		136-28	1		
54FEB606R		136	1		
54FEB607L		139-2	1		
54FEB607R		139-3	1		
54FEB608		139-4	2		
54FEB631L		345-21	1		
54FEB631R		345	1		
54FEB655L		151-19	1		
54FEB655R		152-19	1		
54FEB658		151-40	1		
		152-40	1		
54FEB659		151-41	1		
		152-41	1		
54FEB662		154-10	1		
54FEB663L		151-26	1		
54FEB663R		152-26	1		
54FEB664L		151-27	1		
54FEB664R		152-27	1		
54FEB665L		151-20	1		
54FEB665R		152-20	1		
54FEB666L		151-4	1		
		152-4	1		
54FEB666R		151-5	1		
		152-5	1		
54FEB667		151-2	1		
		152-2	1		
54FEB694L		118-5	1		
54FEB694R		118-6	1		
54FEB700L		118-13	1		
54FEB700R		118-14	1		
54FEB702		118-16	1		
54FEB703		118-17	1		
54FEB704		118-18	1		
54FEB719		153	2		
54FEB790L		151-6	1		
		152-6	1		
54FEB790R		151-7	1		
		152-7	1		
54FEC1506L		136-47	1		
54FEC1506R		136-48	1		
54FEC1507		141	2		
54FEC1507-1		141-37	2		
54FEC1507-2		141-34	1		
54FEC1520		358-4	1		
54FEC1521L		358-5	1		
54FEC1521R		358-6	1		
54FEC1525		152-49	1		
54FEC1526		151-49	1		
54FEC1562		290	1		
54FEC1564		290-2	1		
54FEC1672		298-11	REF		
54FEC1693		298-6	REF		
54FEC1699		298-9	REF		
54FEC1749		155	1		
54FEC1750		155-1	1		
54FEC1753		123	1		
54FEC1754		123-1	1		
54FEC1760		151-34	1		
54FEC1926L		119-1	1		
54FEC1926R		119	1		
54FEC1927L		119-2	1		
54FEC1927R		119	1		
54FEC2042		138-9	1		
54FEC2043		136-4	1		
		138-1	REF		
54FEC2044		136-5	1		
		138	REF		
54FEC2047		346-2	1		
		347-1	REF		
54FEC2059L		345-24	1		
54FEC2059R		345	1		
54FEC2065		391-35	1		
54FEC2079L		392	1		
54FEC2079R		392	1		
54FEC2080		392-2	4		
54FEC283-1		215-1	1		
54FEC283-2		215-2	1		
54FEC283-3		215-3	1		
54FEC283-4		215-4	1		
54FEC283-5		215-5	1		
54FEC283-6		215-6	1		
54FEC283-7		215-7	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
54FEC283-8		215-8	1		
54FEC283-9		215-9	1		
54FEC288		393-4	2		
54FEC289		393-5	1		
54FEC290		393-28	1		
54FEC293L		358-1	1		
54FEC293R		358-2	1		
54FEC295		358-3	1		
54FEC320		150-1	1		
54FEC321L		150-2	1		
54FEC321R		150-3	1		
54FEC322L		150-4	1		
54FEC322R		150-5	1		
54FEC331L		150-17	1		
54FEC331R		150-18	1		
54FEC341		120	1		
54FEC342-1		120-8	1		
54FEC342-2		120-9	1		
54FEC342-3		120-10	1		
54FEC358		120	1		
54FEC387-1L		119-10	1		
54FEC387-1R		119	1		
54FEC387-2L		119-11	1		
54FEC387-2R		119	1		
54FEC388-1L		119-12	1		
54FEC388-1R		119	1		
54FEC388-2L		119-13	1		
54FEC388-2R		119	1		
54FEC403		118-26	1		
54FEC404		118-30	1		
54FEC418L		148-29	1		
54FEC418R		148	1		
54FEC419L		148-12	1		
54FEC419R		148	1		
54FEC420L		148-7	1		
54FEC420R		148	1		
54FEC421-2L		148-31	1		
54FEC421-2R		148	1		
54FEC421L		148-30	1		
54FEC421R		148	1		
54FEC422-2L		148-10	1		
54FEC422-2R		148	1		
54FEC422L		148-9	1		
54FEC422R		148	1		
54FEC423L		148-11	1		
54FEC423R		148	1		
54FEC424-2L		148-14	1		
54FEC424-2R		148	1		
54FEC424L		148-13	1		
54FEC424R		148	1		
54FEC425L		148-15	1		
54FEC425R		148	1		
54FEC426-2L		148-18	1		
54FEC426-2R		148	1		
54FEC426L		148-17	1		
54FEC426R		148	1		
54FEC432L		148-71	1		
54FEC432R		148	1		
54FEC435L		148-61	1		
54FEC435R		148	1		
54FEC466		391-24	1		
54FEC509L		121-1	1		
54FEC509R		121-2	1		
54FEC510		121-3	1		
54FEC511		121-5	1		
54FEC513		319	NP		
54FEC533		142-25	1		
54FEC534		142-1	1		
54FEC535		141	1		
54FEC536		141-3	1		
54FEC563		347	1		
54FEC566		347-4	1		
54FEC575		136-2	1		
		137	REF		
54FEC576		136-3	1		
		137	REF		
54FEC577		137-1	2		
54FEC587		136-6	1		
54FEC589		136-7	1		
54FEC590		136-8	1		
54FEC646		151-29	1		
		152-29	1		
54FEC647		154-9	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
54FEC648		154-8	2		
54FEC649		151-39	1		
		152-39	1		
54FEC650		153-1	2		
54FEC651		153-2	2		
54FEC652		153-3	2		
54FEC653		153-4	2		
54FEC653-1		153-6	2		
54FEC654		151	1		
		152	1		
54FEC693L		118-3	1		
54FEC693R		118-4	1		
54FEC695		118-7	1		
54FEC696		118-8	1		
54FEC697		118-9	1		
54FEC698		118-10	1		
54FEC699L		118-11	1		
54FEC699R		118-12	1		
54FEC789		151-8	1		
		152-8	1		
54FED1587-1L		358-15	1		
54FED1587-1R		358	1		
54FED1587-2L		358-16	1		
54FED1587-2R		358	1		
54FED1587-3L		358-17	1		
54FED1587-3R		358	1		
54FED1657		163	NP		
54FED1658		163-1	1		
54FED2078		392-1	2		
54FED389L		119-14	1		
54FED389R		119	1		
54FED498		150	1		
54FED498-1		150-29	1		
54FED498-2		150-30	1		
54FED498-3		150-31	1		
54FED498-4		150-32	1		
54FED498-5		150-33	1		
54FED531		141-1	1		
		142	REF		
54FED531-1		142-29	1		
54FED532		141-2	1		
		142	REF		
54FED532-1		142-21	1		
54FED565		347-12	1		
54FED641		151-51	1		
		152-51	1		
		154-1	REF		
54FED641-1		154-2	1		
54FED641-2		154-3	2		
54FED641-3		154-4	2		
54FED642L		151-24	1		
		152-24	1		
54FED642R		151-25	1		
		152-25	1		
54FED643		153-9	2		
54FED686		140	REF		
54FED686-1		140-6	1		
54FED686-2		140-7	1		
54FEE685		140	REF		
54FEE685-1		140-1	1		
54FEE685-2		140-2	1		
54FEE685-3		140-3	1		
54FEF1519		358	NP		
54FEF1588		358	NP		
54FEF317		308-13	1		
54FEF340		120	NP		
54FEF401		118	NP		
54FEF402		118	NP		
54FEF416-1L		148-2	1		
54FEF416-1R		148	1		
54FEF416-2L		148-4	1		
54FEF416-2R		148	1		
54FEF417L		148-1	1		
54FEF417R		148	1		
54FEF487L		358-13	1		
54FEF487R		358-14	1		
54FEF627L		345-3	1		
54FEF627R		345	1		
54FEF691		118-1	1		
54FEF692		118-2	1		
54FEH1925		119	NP		
54FEH2063		136	NP		
		137	NP		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
54FEH2063		138	NP		
		139	NP		
		141	NP		
		142	REF		
		290	NP		
		346	NP		
		347	NP		
54FEH478		298	NP		
54FEH562		136-1	REF		
		139-1	1		
54FEJ1505		141	REF		
		142	REF		
		290	REF		
		346-4	1		
54FEJ1505-1		141-31	2		
54FEJ1512		151	NP		
		152	NP		
		153	NP		
		154	NP		
54FEJ2041		136	REF		
		137	REF		
		138	REF		
		139	REF		
		346-3	1		
54FEJ2041-1		136-23	2		
54FEJ2077		392	NP		
54FEJ282		215	NP		
54FEJ381		119	2		
54FEJ415L		148	1		
54FEJ415R		148	1		
54FEJ497		150	1		
54FEJ508		121	NP		
54FEK1743		122	NP		
		123	NP		
		143	NP		
		155	NP		
54FEK2060		392	REF		
54FEK2075		391	NP		
54FEK286		393	NP		
		394	NP		
54FEK407		118	NP		
		119	NP		
		120	NP		
		121	NP		
		140	NP		
		148	NP		
		150	NP		
		319	NP		
54FEK626		345	NP		
54FEK690		118	NP		
54H19604		367-15	1		
54H23637		47-1	REF		
54R26044R		47	REF		
5455		365-16	REF		
		367A-14	REF		
545995		394A-36	1		
546234		340C-7	1		
55B76036		51-13B	1		
55C76037		51-13A	1		
55FEA1181		141-35	2		
		153-18	2		
55FEA1585L		150-55	1		
55FEA1585R		150-56	1		
55FEA248		155-14	2		
55FEA249		155-15	2		
55FEA250		155-16	2		
55FEA251		391	1		
55FEA252		123-15	1		
55FEA455		392-14	2		
55FEA75		345	4		
55FEA76		345-4	4		
55FEA77		345-11	6		
55FEA78		345-12	6		
55FEA791		151-11	2		
		152-11	2		
55FEA952		148-54	1		
55FEB1172		164-2	4		
55FEB1580		150-47	1		
55FEB1581L		150-48	1		
55FEB1581R		150-49	1		
55FEB1582		150-50	1		
55FEB1583L		150-51	1		
55FEB1583R		150-52	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
55FEB1584L		150-53	1		
55FEB1584R		150-54	1		
55FEB253		123	1		
55FEB254		123-23	1		
55FEB255		123-22	2		
55FEB354		143-13	1		
55FEB402		138-3	1		
55FEB541		139-5	2		
		151-14	1		
		152-14	2		
55FEB542		151-15	1		
		152-15	1		
55FEB543		151-16	1		
		152-16	1		
55FEB547		391-36	2		
55FEB548		391-6	2		
55FEB549		391-4	1		
55FEB639		393-9	1		
55FEB640		319-1	2		
55FEB644		392-16	4		
55FEB645		392-20	4		
55FEB646		139-7	2		
55FEB67		345-26	2		
55FEB68		345-27	2		
55FEB69		345-28	2		
55FEB70L		345	1		
55FEB70R		345	1		
55FEB71		345-10	6		
55FEB74		345	6		
55FEB74-1		345-13	12		
55FEC1170		164	NP		
55FEC1171		164-1	2		
55FEC540		151	1		
		152	1		
55FEC544		139-6	2		
55FEC550		391-5	1		
55FEC602		308-16	1		
55FEC603		308-15	1		
55FEC638		319-3	1		
55FEC642		319-7	1		
55FEC65L		345-25	1		
55FEC65R		345	1		
55FEC66-1		345-30	2		
55FEC66L		345	1		
55FEC66R		345	1		
55FEC859L		148-8	1		
55FEC859R		148	1		
55FED353L		391-23	1		
55FED353R		391-30	1		
55FED464		391-25	1		
55FED637		319	NP		
55FED64L		345-9	1		
55FED64R		345	1		
55FEE601		308	NP		
55H3582		367	1		
55J4312		478-41	REF		
		480-17	REF		
550120		322-11	REF		
		382	REF		
550120-1		382	REF		
550120-5		382	REF		
55120		436	REF		
5579		93-5	2		
		94-21	4		
		95-17	2		
5589533		310-3	1		
57120		382-42	1		
575-51		272	REF		
575-52		89	REF		
575-53		272	REF		
58A1190100		358A-43	REF		
5800-02		34-13	12		
5820-02		34-11	6		
59B76712		4878-9	2		
59B76773		329	1		
59B76775		321A-5A	1		
59B76776		339-41	1		
59C76767		339-35	1		
59C76768		339-32	1		
59C76769		339-37	1		
59D76660		321-14B	1		
59D76661		321	1		
59D76671		321-14A	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
6-140		144-40	1		
6-1600		19-28	REF		
		28-14	REF		
6-164		105-11	1		
6-32NC X 1/8		181	2		
		185	2		
		185C	2		
6-529		436	REF		
6-529B		436	REF		
6-531		448-17	REF		
6-531B		448-17	REF		
6-550-76		51-32	1		
6G1-25-0		415-21	1		
6N8C914YZP		115-11	1		
		127-36	1		
6R2N2		348-20	1		
6T1-20		278-21	1		
6T1-56		278-20	1		
60B94107		321A-5B	1		
60D94153		284A	1		
60D94154		284A	1		
60D94155		318-19	1		
60D94156		318	1		
61C40105-13		287-13	1		
		289-15	1		
		321A-13	1		
61C40105-3		287-11	1		
		289-11	1		
61C40105-5		289-12	1		
61C40105-7		289-13	1		
61C40105-9		287-12	1		
		289-16	1		
61D4383-1		170-59	1		
61D4383-2		170-60	1		
62B40210		321A-20	1		
62B40211		321A-19	1		
62B40220-3		287-17	1		
		289-19	1		
		321A-16	1		
62B40220-5		287-15	1		
		289-18	1		
		321A-15	1		
62B40220-7		287-16	1		
		289-17	1		
		321A-14	1		
62B4022C-9		287-14	1		
		289-14	1		
		321A-12	1		
6200B12A9A5		184	1		
		185B-18	1		
6217		446-14	1		
628		234-16	REF		
64C39533		170-61	1		
64F39518		170	REF		
650-3029		279-38	1		
		280-6	1		
650-4034		316-48	1		
6500D6		263	1		
		265-1	1		
6503-1C		104	1		
6506E6		243	1		
		256	1		
6520D6		263	1		
		265	1		
6525E6		243	1		
		256	1		
654086		331-1	REF		
654931		330-18	1		
		333-46	REF		
66WT200		444-26	REF		
		445-55	REF		
66WT200-1		444-26	1		
		445-55	1		
665087		329-46	REF		
		330-4	1		
		333-48	REF		
665088		309-32	REF		
		310-5	REF		
		312-9	REF		
		327-12	REF		
665096		343-5	1		
665097		306-10	1		
		309-41	REF		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
666084-4-0130		367A-1	REF		
666084-4-0520		365-36	REF		
666085F0244		367A-3	REF		
666085F0440		367A-2	REF		
667494		327-14	REF		
		331	1		
		331A-1	1		
667498		329	REF		
		330	1		
		333-49	REF		
667499		344-1	1		
667502		330	1		
		333-47	REF		
67WA200		445-20	1		
671CPU19-015D		185-7	1		
		185A	REF		
		185B	REF		
67121-26-170		394A-45	1		
672636		306-29	REF		
		312-7	1		
6756		461-28	REF		
6800-02		34-9	5		
		100	4		
6800-048		6-14	2		
		6-15	2		
		12	2		
		14	2		
		24-1	6		
6800-054		12-8	2		
		14-16	2		
6810-048		6-13	1		
6810-054		98	2		
6820-048		12	2		
		14	2		
6844		25-9	8		
		25-17	8		
686862		312-7	REF		
691-11A		394-15	2		
6939-632-062		475-14	4		
6939-632-24A		185B	2		
6952-1L		186-23	1		
6952H		353-24	2		
6952K		186-1	2		
6952L		186-23	REF		
7-2651		32-14	REF		
7-2847-78M1		48-4	1		
7B1-14		341-6	REF		
7E54		473	REF		
7E58-30		477-4	1		
7S10-21-14		20-4	1		
7S13-1032-13		17-15	1		
7S13-1032-16		18-9	1		
7S13-1032-17		33-4	2		
7S13-1032-20		27-35	3		
7S13-1032C10		145-10	2		
7S13CN1032-10A		21-1	72		
7S13CN632-8A		31	6		
7S14-1032-8A		433-105	1		
7S14-428-12A		437	1		
7S14CN632-30A		475-12	1		
7S14CN632-35A		475-13	2		
7S14CN632-39A		475-11	1		
7S15-416-14		358A-36	40		
7S16-10-11		477-56	4		
7S16-10-16		170-1	20		
7S16-10-7		161-20	6		
7S16-8-7		34-4	20		
7S16CN10-13		386	4		
7S16C10-12		161	16		
7S16C10-14		161-6	20		
7S16C10-16		161-3	28		
7S16C10-17		161-19	7		
7S16C10-7		161	6		
7S16C10-9		161-16	2		
7S21-10-11		20-1	33		
7S21-10-14		20	1		
7S21-10-9		20-5	2		
7S37-6A22		342-20	2		
70B1142-35		433-72	REF		
7094-6		86	AR		
7101-2		448-39	1		
71202B180		340A-26	REF		
		340B-1	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
71202B20		340B-10	1		
712028320		340A-3	1		
		340B-36	REF		
71202875		340B-11	1		
71227-72		339	1		
71227A124		337	1		
		340	1		
71227A130		339	1		
7224H-SPL		110-53	1		
		111-10	1		
72339-13		336	1		
		336-13	REF		
739-10		288-10	1		
7401C		315-31	REF		
74220		26-6	8		
		26-10	8		
7459-3		336-35	1		
75-1018		350-10	REF		
75C-16		391-27	1		
7551-2		433-72	1		
		469-58	1		
7579X0A		190-27	REF		
758-4		449	1		
758-5		122-12	1		
770-16		393-16	1		
7766985-36		329-28	REF		
		329-28A	REF		
784-11		122-5	1		
79XZ6-11		91-13	1		
79XZ6-20		91	1		
791-2-8		391-38	1		
791E6		32-35	1		
794-4		215-19	1		
8-3044-75		40-24	1		
8-32NC3		293	12		
		305	12		
8C3-3-040		28-31	1		
8C3-3-064		17-4	1		
8C4-3		71-22	1		
8C5		278	REF		
8C7B75-24		320-48	1		
8DW53VBA10		182-3	REF		
		185A-8	REF		
		185B-8	REF		
8MMT-C		394-12	1		
80MC2F1		329-2	1		
8000D16		436	REF		
		436-34	1		
		448-49	REF		
		468-16	1		
8001		294-14	REF		
80010		315-28	1		
		436-5	1		
		468-3	1		
80011		315-29	1		
80012		315-30	1		
8005E16		448-17	1		
8014585		348	REF		
80150		382-45	1		
80151		377-32	1		
8051		104-21	1		
8082		446	REF		
809-2		180	8		
		189-4	4		
		189-15	1		
8195		81-29	REF		
		266-14	REF		
82-11615		454-4	REF		
		456-3	REF		
82-312		104	1		
		339	3		
		340	1		
82-313		104	1		
82-320		334	2		
823-20		351-29	2		
83-11A		172-24	6		
83-15A		172-23	2		
831-8-.100		259-29	REF		
831-8-.50		220-7	1		
		259-28	REF		
831-8-1.00		220-1	1		
		254-11	1		
83501-1		461-1	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
84-10		173-44	1		
8400-035150		345	2		
8400-163420		346	1		
8400-166100		345-2	2		
8400-520010		345-1	2		
		346-1	1		
8401-9		367A-12	1		
840462		348	REF		
8417		248-14	4		
		254-17	2		
8481552		438-10	4		
85-11		172-31	2		
86283		75-41	REF		
869A6TT		459-22	1		
		460-17	1		
869A8TT		461-26	1		
870491		351-28	1		
8747K3		296-7	REF		
8749K11		296-6	REF		
8898		25-9	REF		
890100		348-10	6		
8916K689		285-13	1		
		311-13	1		
		318-15	1		
		326-8	1		
8947998GR2		438-1	1		
9C1-1-5		5-12	1		
9C1-10		476-16	1		
9C1-2-5		160-39	2		
9C1-2-7		106-37	1		
9C1-3-10		6-4	1		
9C1-3-4		106-23	1		
9C1-3-5		5-17	2		
90000-1		272	1		
90000-2		89	REF		
90000-4		272-17	1		
900000-2		89-6	1		
90014		340C-5	1		
90100-1		272	1		
90100-2		89-1	1		
90100-4		272-8	1		
9022		283	1		
		316-51	2		
9048-26F		279	1		
9100P		336	1		
		336-8	1		
9104-12A6A		433	1		
9105-12A1A		433	1		
9106-12A1		433-3	1		
		470-14	1		
9106-12A1A		433-3	REF		
		470-14	REF		
9106-12B1A		433-3	REF		
		470-14	REF		
9115		158-26A	1		
9115-16A1A		433-11	1		
		469-72	1		
914-1		340C-29	REF		
		394A-1	1		
915-1		340C-31	REF		
		394A-43	1		
9151L		415	REF		
9151R		415	REF		
9152		403-39	1		
9153A-L		415-10	1		
9153A-R		415	1		
9153L		415	REF		
9153R		415	REF		
916-1		340C-8	1		
91750-3		384-31	1		
92000		348-10	REF		
9224-3823		358A-23	1		
		358A-24	1		
		358A-25	1		
		358A-29	1		
934-10		59-30	1		
934-107		459-35	1		
934-11		60-10	2		
934-111		39-12	1		
934-116		59-36	1		
934-14		433-46	3		
		433-79	1		
		433-82	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
934-14		469-3	3		
		469-60	2		
934-19		27-10	1		
		40-16	1		
		40-37	1		
		44-3	1		
934-27		60-20	2		
934-29		59-20	1		
934-3		59-15	1		
		60-17	4		
934-5		45-3	1		
934-7		56-18	4		
		452-3	3		
		452-6	1		
934-8		433-50	1		
		469-6	1		
934-89		40	1		
		40-4	1		
		40-45	1		
		55	1		
		56-15	4		
		459-33	2		
93750-3		322-10	REF		
93750-7		382	REF		
94-27967A		182-7	REF		
		185A-13	REF		
		185B-13	REF		
94510-2		322-8	REF		
		377	REF		
		377-15	1		
94879		54-26	2		
		54-29	2		
9555		278-22	1		
		279-1	11		
9600		254-16	1		
		254-40	1		
9610-2		248-13	1		
97-3100C16-412P		179-31	1		
		180-32	1		
97-3106-16-848S		180-30	1		
97-3106A16-412S		179-34	1		
97-3106A412S		179-36	1		
9760-16		328-9	1		
98264-3-.300		106-14	2		
98265-1-.080		312	6		
98265-1-.110		106-35	8		
98265-1-.120		106-40	4		
98265-1-.140		31-7	1		
		473-4	1		
98265-2-.160		111-3	8		
		149	3		
98265-2-.170		485-1	2		
		485-15	1		
98265-2-.180		106-16	4		
		149	2		
98265-2-.190		485-14	3		
98265-2-.200		106-47	22		
		3408-17	8		
98265-2-.210		109-6	1		
98265-2-.220		149-38	1		
98265-2-.250		485-16	1		
98265-3-.270		109-42	1		
98265-4-.390		106-15	2		
98292-6.560		129-17	2		
98293-2-220		185A-64	8		
98293-2220		181-2	REF		
98480		54	2		
		54-19	2		
9888683		438-21	1		
9890473G2		438-16	1		
9890480G2		438-32	REF		
9892014		438-17	2		
9892015		438-25	2		
9892016		438-18	3		
99785-2		181-3	8		
		185A	8		
		185C	8		
99799		143-18	1		
99833C.130		106-36	8		
99833C.180		312-39	6		
99833P.130		109-20	1		
		129-6	1		
		177	1		

PART NUMBER	STOCK NO.	FIGURE AND INDEX	QTY. PER ART.	SOURCE CODE	REPAIR CODE
99834-1-.140		129-28	2		
99834-1-100		140-5	2		
99834-1-120		118-25	5		
99834-16-1.640		146-65	1		
99834-2.160		149-2	4		
99834-2-.160		110	1		
99834-2-.170		110	4		
		374-2	2		
99834-3-.280		106-28	1		
		106-32	2		
99834-3-.290		146-64	1		
99834-3-.300		106-9	3		
99834-3-.340		106-27	1		
99836		31-6	1		
		106	15		
		106-17	8		
		106-41	4		
		109-5	1		
		109-43	1		
		110	14		
		118	5		
		129	4		
		140	2		
		146	2		
		148-6	1		
		149	6		
		149-3	4		
		312	6		
		314	2		
		3408-18	8		
		374	2		
		476	2		
		485	7		
99947-2-.180		111-4	4		
99947C.130		106-42	4		
99947P.130		135-24	3		
		473	1		
		485	6		

(Pages 3-107 thru 3-108 deleted)

SECTION IV

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CB501	321-22		MS25017-10
CB502	321-20		MS25017-10
CB503	321-21		MS25017-10
CB504	321-23		MS25017-5
CB542	279-42		C7855-6-200
C523	321A-9		CP53B1EF104K
DS538	321A-11		MS25041-4
DS539	321A		AN3140-327
D545	279-15		MGE31-1
F505	321-26		MDL 1/2
F506	321-27		MDL 1/2
F543	284-12		MDX7
J4	358A-44		AN3102EE22-14P
J6	340A-12		MS3102A16S1S
J8	340A-13		MS3102A28-21S
J513	293A-2		MS3102A22-14S
J514	293A-5		MS3102A20-27S
J515	19A-25		MS3102A20-27S
	293A		MS3102A20-21S
J516	293A-4		MS3102A20-29S
J555	340C-19		MS3102A14S7P
J570	307-3		MS3102A22-14S
J571	307-1		MS3102A20-27S
K517	278A-21		AN3311-2
K518	278A-23		MS25024-2
K519	358A-23		9224-3823
K520	358A-24		9224-3823
K521	358A-25		9224-3823
K522	358A-29		9224-3823
K537	278A-27		S6455
P30-1	340A-14		MS25183-28-21P
P33	340A-11		MS25183-14S7S
P507	358A-27		MS25183-20-27S
P508	358A-31		MS25183-20-27S
P509	293A-1		MS25183-22014B
P510	358A-26		MS25183-20-27P
P511	358A-30		MS25183-20-21P
P512	293A-3		MS25183-20-29B
P547	340C-23		AN3106E14S2S
P548	307-2		MS25183-18-1P
P549	307-1		MS25183-20-27P
P549-1	307-3		MS25183-20-27P
P551	307-4		MS25183-22-14P
P552	340C-21		MS3106E14S2S
P553	340C-22		MS25183-10SL3S
P553-1	340C-20		MS25183-10SL3S
P568	340C-24		MS25183-10SL4S
R524	278A-17		RW30G500
R525	321A-10		RV4AYSB501C
S1	287-18		MS35058-23
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S527	287-20		AN3027-1
	289-22		
	321A-7		
S528	284A-3		24YY2055-5
	318-21		24YY2055-5
S259	287-21		W1034BHRS4R
	289-23		
	321A-7		
S540	278A-16		191724
SS558	394A-43		915-1
SS559	394A-1		914-1
SS560	394A-45		67121-26-170
SS566	394A		545995
TB5	340A-8		AN3436-1-11
TB530	293A-8		AN3436-1-12
TB532	278A-29		AN3436-1-9
TB533	293A-6		AN3436-1-18
TB534	358A-20		AN3436-1-9
TB535	358A-19		AN3436-1-7TB536
TB536	358A-21		A3436-1-6
TB656	358A-21		A3436-1-6
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VV563	433-87		4125-70
X548-1	284		HKP-H
1	378-1		WE443-10DM
2	316-9		151-54176-10 (RKWD D380-1)
3	75-41		396H
4	205-14		29656-6
5	205		34656-3
6	101-53		31296
8	77-60		M3320
9	471		52D6845
10	Furnished with engine		Actuator
11	Furnished with engine		Actuator
11M	312-42		237EAU
14	182-4		Spec 32529
15	314-30		30058-29
16	178-37		16501-1B
	178-37		16501-1C
17	179-6		Spec MIL-A6589A
18	314-29		30058-30
20	279-7		AN3150-2
24	474-15		Spec MIL-C6662
25	354-28		75-336
26	357-19		75-336
28	352-54		Spec MIL-C6520
29	320-2		AN3161P5
30	302-2		AN3161P5
31	302-4		AN3161P10
32	282-8		AN3161P5
33	292-38		PDA35
34	202-2		AN3161P5
35	303-7		AN3161P20
	303		AN3161P25
36	295-4		AN3161P10
37	303-2		AN3161P5
38	302-2		AN3161P5
39	302-6		AN3161P20
40	302-2		AN3161P5
41	314-7		PSA5
42	302-2		AN3161P5
43	295-6		AN3161P35
44	284-2		AN3161P5
	282-14		
45	303-2		AN3161P5
46	303-4		AN3161P5
47	303-6		AN3161P10
49	303-2		AN3161P5
50	302-2		AN3161P5
51	303-8		AN3161P25
52	302-7		AN3161P25
53	314-8		PSA5
	314		PSA10
54	303-2		AN3161P5
55	282-6		AN3161P15
	324-2		
56	295-5		AN3161P20
57	278-30		AN3161P15
	295-7		
58	284-5		AN3161P15
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59	282-13		AN3161P25
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60	282-12		AN3161P25
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62	302		AN3161P5
63	325-38		AN3161P10
64	282-22		PDLM70
	283-12		
65	302		AN3161P5
66	284-1		PDLM105
67	303-2		AN3161P5
68	284-2		AN3161P5
	302-2		
69	302-6		AN3161P20
70	302-4		AN3161P10
71	302-2		AN3161P5
72	302-2		AN3161P5
73	302		AN3161P20
74	302-5		AN3161P15
75	282-5		AN3161P10
	283-5		
76	299-1		AN3160-10
	300-1		
77	284-2		AN3161P5
	282		
78	302-2		AN3161P5
79	302-2		AN3161P5
80	302-6		AN3161P20
81	303-5		AN3161P5
	303		AN3161P10
82	302-5		AN3161P15
83	302-4		AN3161P10
84	284-6		AN3161P15
85	282-7		AN3161P5
86	303-9		AN3161P35
87	303-9		AN3161P35
88	282		AN3161P5
89	282-11		AN3161P5
90	282-23		PDLM70
	283-13		
91	284-6		AN3161P15
92	305-25		AN3161P10
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93	305-26		AN3161P10
	304-40		
94	282-9		AN3161P5
97	328-6		AN3161P25
98	328-5		AN3161P20
99	328-5		AN3161P20
100	328-6		AN3161P25
101	328-5		AN3161P20
102	328-6		AN3161P25
104	305-40		MS25005-35
105	305-40		MS25005-35
107	351-1		32R500-3
109	304-3		HC1560
110	307-17		HC1560
114	93		117-54241
116	Furnished with engine		Connector
117	279-29		140-54008
	320-15		
126	322-12		33500-05
	377-5		
	385-27		
127	294-8		151-54007-20
129	385-27		33500-05
134	315-35		AN3391-1
140	278-26		FLLB
141	313-7		FLLE
	313-10		
144	305-1		YHS100S6
145	293-22		YHS100S6
146	315-30		80012
147	315-29		80011
148	315-28		80010
149	292-26		172-54110-1
	292		172-54110-2
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	279-26A		JX55F
150	292-25		12270
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151	316-10		C330LA
152	279-33		CP53B2EB405K
153	315-17		CA275X
154	278-12		EA125
155	293-24		12288
156	325-40		CP53B2EB405K
157	279-33		CP53B2EB405K
158	293-7		1055-1
159	105-9		C473
160	284		AGC1
161	74-15		Spec 27635
162	[illegible]		Spec 21098
163	[illegible]		CYZR275
164	313		AGC 1/2
165	313		AGC1
166	313		AGC1
167	313		AGC 1/2
168	313		AGC1 1/2
169	313		AGC1
170	284		AGC1
171	284		AGC1
172	348-10		Spec 24578
173	328-20		413015
174	328-21		413002
175	Furnished with engine		32550
176	Furnished with engine		21135
179	191-18		53C4719
180	304		191-54143
181	184-5		MIL 15133
183	382-14		C885
184	348-11		MIL-H6769
185	74-33		AN5816-2
186	385-2		C883
188	479-13		176-54180
189	471		176-54181
190	295-3		AN5776-1
192	182-6		21106
	182		21328
193	184-7		36700-1A1A3
	184		6200B12A9A5
	184		25400B16A1A1
194	184		6200B12A9A5
195	182-1		MIL-16301
	182		MS2810-2
196	184-3		MIL-15126A
	185-6		71-5066
197	184-33		21311
	185-18		MIL-17084
198	182-8		EA721G1A
199	184-10	(Formerly Spec 21319 type B20)	MIL-17086
	184		
201	184-8		21744
	185-17		MS28033-1
202	299-8		21250A
			(AN5839-1)
	300-6		
205	279		F137
206	279-8		AN3515-1
	279		F35
207	316-44		AN3499-1
208	316-35		AN3499-1
210	285		AN3121-313
211	91		AN3133-311
212	91-9		AN3131-303
213	294		AN3140-327
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	286		
	300		
214	Furnished with AN3095-7		AN3129-4523
215	295		AN3121R313
216	294		AN3121R313
	304		
217	294		AN3140-327
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218	294		AN3131-303
219	Furnished with AN3158-1 & -2		AN3124-307

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220	304		AN3121-313
221	7		AN3122-1524
222	Furnished with AN5766-4 compass See figure 178-33		AN3136-323
223	285		AN3140-327
225	328		AN3121-313
226	328		NE51
227	105-3		T1270
228	296-4		AN3157-2
229	326-3		A4363
	285-1		MS2501D-2
230	305-19		94-32294D
231	105-4A		AN3157-6
232	105-1		AN3157-4
233	326-13		AN3157-4
234	91-8		AN3177-9
235	91-8		AN3177-9
237	294-13		A4255A5
242	278		G4710A
243	295-9		AN3034-1
	304-1		AN3034-3
244	278-8		AN3095-7
245	181		170-51005
	181		172-51005
	181		191-51005
	181		191-51105
246	325		AN3158-1
247	325		AN3158-2A
248	183-23		AN3157-4
	7		AN3033-8
250	7-24		AN3033-7
252	294-20		AN3157-4
253	183-22		AN3157-6
254	278		D5530
256	73-1		EA909C1
257	286-3		A4185
	287-1		
258	349		29492-1
	349		29492-2
259	314-1		172-54048
260	278-32		172-54070-10
	284		172-54166
	284		170-54078
261	314		151-54122-70
	314		151-54122-80
262	314-4		140-54035
263	295-1		170-54068-30
	295		170-54068-40
	295		170-54068-50
	295		170-54068-70
	295		170-54068-80
	295		170-54068-90
264	304-18		172-54040
	303		172-54040-20
	303		172-54040-30
	303		172-54040-50
	303		172-54040-60
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264A	305-17		172-54021
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265	179-37		AC134A5-5A
266	279-31		172-54035
	279		191-54035
	301		191-54035-11
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267	279-34		170-54055
	279		172-54129
268	309		170-54104-30
268A	312		172-54104
	312		172-54104-10
	312		172-54104-20
	312		172-54104-30
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269	316-22		172-54161
	316-23		172-54161-30
270	315-38		172-54079
271	279		172-54129-90
272	178		170-51005
	178		172-51005
	178		191-51005
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273	294-1		172-54028-20
	294		172-54028-30
274	295-10		172-54065
	296		
275	304-4		172-54095-10
277	292		161-54037-1
	292		161-54037-4
	292		161-54037-6
	294		165-54296
	294		176-54296-10
278	294-21		165-54032
	294		
279	325-2		AN3106B32-6P
280	292-34		AN3106B14S2S
281	316-11		AN3106B14S5S
282	307-12		AN3106B10SL3S
283	Furnished with engine See figure 478-41		AN3106B18-1P
284	315-18		AN3106B28-11S
285	320		AN3108B20-29S
286	313-2		AN3106B14S7S
287	320		AN3107B20-29S
288	305-29		AN3106M22-14S
289	293-1		AN3106B32-7P
290	320-16		AN3106B10SL4S
291	314-26		AN3106B20-27S
292	322-2		AN3106B14S5S
293	314-26		AN3106B20-27S
294	92-6		AN3106B18-12S
295	307-11		AN3106B14S5S
297	320-18		AN3106B14S2S
298	315-18		AN3106B28-11S
299	304		AN3106B22-19S
301	293		AN3106B16S1S
302	309-30		AN3108B10SL4S
303	307		AN3106B14S2S
304	293-15		AN3106B28-12S
305	314-16		AN3108B14S5S
306	314-17		AN3108B16S1S
307	316-15		AN3106B14S9S
308	316-14		AN3106B12S3S
309	293-11		AN3106B14S9S
	328-32		AN3106B28-11P
310	293-12		AN3106B18-12P
	328-34		AN3108B28-20P
311	293-10		AN3106B14S5P
312	307-15		AN3106B18-12S
314	307-8		AN3106B14S2S
315	316-17		AN3108B14S2S
316	316-13		AN3106B14S5S
317	306-12		AN3106B32-7S
318	306-13		AN3106B28-11S
319	306-2		AN3106B28-12S
320	314-35		AN3106B24-7S
321	315-8		AN3106B28-12S
322	279-37		AN3106B16-11S
323	293-16		AN3106B24-28S
324	306-13		AN3106B28-11S
	307-20		102
325	278-10		102
326	320-7		AN3106B18-10S
327	325-15		AN3106B16-12P
328	316-3		AN3108B18-12S
329	91-4		AN3106B10SL4S
330	307-18		AN3106B14S2S
331	325-32		AN3106B12S3S
332	91-1		AN3106B12S3S
	91-7		
333	325-7		AN3106B14S2S
334	91-6		AN3106B14S2S
335	91-5		AN3106B14S2S
336	325-8		AN3106B20-19S
337	307-14		AN3106B10SL4S
338	105-6		AN3106B20-27P
339	307		AN3106B18-1P
340	307		AN3106B16S1P
341	316-10		AN3108B14S7S
342	314-35		AN3108B14S7S
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343	278-1		AN3106B18-5S
344	91-3		AN3106B14S7S
345	307-19		AN3106B14S2S
346	73-5		412269F
347	307-16		AN3106B14S2S
348	316-17		AN3108B14S2S

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349	93-1		AN3107B18-12S
350	293-2		AN3106B28-11P
	306-13		AN3106B28-11S
351	293-1		AN3106A32-7P
	306-12		AN3106B32-7S
352	293-4		AN3106B16S8S
354	313-1		AN3106B14S5S
355	307		AN3106B20-27P
356	See figure 477		PL68
357	See figure 477		PL68
358	101-62		AN3106A14S5P
359	306-13		AN3106B28-11S
360	314-25		AN3106B20-29S
361	316-12		AN3108B14S2S
362	325-31		AN3106B14S6P
363	325-18		AN3108B14S6P
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364	325-31		AN3106B14S6P
365	304-5		270-8
366	307-13		AN3106B10SL3S
367	307-34		AN3101B20-27S
368	307-10		AN3106B10SL3S
370	92-1		2347
	92-2		
371	304-21		AN3108B32-8S
372	335-34		AN3106B16S1P
373	294-3		AN3106B10SL3S
374	278-11		AN3106B18-9S
375	322-5		AN3106B10SL3S
376	322-4		AN3108B10SL4S
379	293-23		AN3106B12S3P
380	314-27		AN3108B20-27S
381	320-1		AN3106B10SL3S
382	70-3		172-54022
383	70-3		172-54022
384	307-4		AN3106B22-14P
386	462-10		20386-9
387	38-16		TFD31400-3
388	454-19		TFD31400-3
389	261-11		D1000
390	293		AN3100A14S2S
391	293-35		AN3100A16S1S
392	478		24993
393	478		24993
394	Furnished with Para-Frag Bombs		
395	Furnished with Para-Frag Bombs		
397	316-30		AN3100A32-6S
398	349-19		AN3102A14S2P
399	93-3		AN3101A18-1S
400	320-9		AN3100C20-29P
401	320-17		AN3100A20-29P
402	91-2		AN3101B22-14P
403	92-5		AN3100A18-12P
404	306-14		AN3102A20-27S
405	315-7		AN3100A28-12P
406	479		AN3101A18-1S
407	304-35		AN3106B20-27S
408	316-18		AN2552A3A
409	293		AN3100C28-12P
410	92-12		AN3101A14S2S
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	316-19		
411	314-38		AN3101A14S5S
412	306		AN3100C32-7P
413	306		AN3100C28-11P
414	306		AN3100C28-12P
	307		AN3100A20-27S
	307-3		AN3100A22-14S
415	293-32		AN3102A12S3S
416	307-2		AN3100A18-1S
417	304-2		AN3100A20-27S
418	307-1		AN3100A16S1S
419	313		2044-84
420	293		AN3100A32-7S
	312-23		AN3102A28-11P
421	312-25		AN3102A32-7P
422	92-17		140-54110-10
423	92-11		JJ033
424	325-21		AN3101A14S5S
425	325-20		AN3100A14S6S
426	279-25		AN3102A22-19S
427	94-1		AN3100A32-8P
428	335-34		AN3101B16S1P
429	92-16		AN3100A18-10S
430	292-33		AN3101A14S2S

REFERENCE DESIGNATION	FIGURE & INDEX	CLASS CODE OR STOCK NUMBER	PART NUMBER
431	279-36		AN3100A22-19SW
	280		
432	316		2044-84
433	316		AN3102A22-19S
434	455-32		AN3101A16S1S
435	93-7		336
	94-23		
436	313-27		AN3100A16-12S
437	293		AN3100C24-28P
438	325-20		AN3100A14S6S
	Furnished with engine		
439	94-23		336
440	464-26		AN3100A1[illegible]S14P
441	316		2044-84
442	312-25		AN3102A32-7P
	307		AN3100A22-14S
443	312-23		AN3102A28-11P
444	312-23		AN3102A28-11P
445	292-37		AN3350-1
446	324-8		AN3316-1
447	324-10		237EAU
448	278-23		AN3370-1
449	309-9		237EAU
	312-19		237EAU
450	309-11		AN3350-1
	312-16		AN3350-2
451	309-12		237EAU
	312-18		237EAU
453	309-5		AN3316-1
	312-20		237EAU
454	309-7		237EAU
	307-17		237EAU
455	324-6		AN3350-1
456	282-34		AN3353-1
	283-17		
457	293-21		233-51A
458	305-12		AN3370-1
459	See figure 313-14		32439A
460	279-26		2069-25D
461	315-31		AN3380-1
462	309-8		237EAU
	307-14		
463	316-31		AN3350-1
464	316-31		AN3350-1
465	315-36		1264-938
466	316-26		AN3353-1
	316-27		G544329A
467	309-10		1251-937
	312-13		233-51A
468	280-6		650-3029
469	282-31		AN3350-1
	283-19		
470	282-35		AN3352-1
	283-21		
471	282-29		G39989A
	282		AN3312-1
	283		
472	324-1		32603
473	280-4		AN3353-1
474	280-5		AN3353-1
475	313-29		237EAU
476	325-9		AN3370-1
477	282-28		AN3316-1
	312-21		AN3312-1
479	282-32		32471
	283-18		
480	316-25		237EAU
481	316-24		237EAU
483	309-13		237EAU
	312-12		
484	312-15		AN3350-2
	309-6		1227-893
485	280-2		237EAU
486	34-29		G54329A
487	324-7		32591
488	314-18		161-54116-20
489	314-4		AN3025-2
490	324-5		AN3370-1
491	279-24		AN3310-1
492	279		AN3311-1
	316-28		AN3353-1
493	278-23		AN3370-1
494	282-37		19A (Spec 32439A)
	283-15		

REFERENCE DESIGNATION	FIGURE & INDEX	CLASS CODE OR STOCK NUMBER	PART NUMBER
495	312-15		3350-2
496	324-9		G54226
497	316-29		AN3308-1
498	280-3		237EAU
	280-4		237EAU
499	316-28		AN3310-1
500	313-28		AN3308-1
501	313-30		44B18574
502	316-32		AN3308-1
	312-11		AN3311-1
503	309-15		AN3311-1
	320-43		AN3311-1
504	[illegible]		AN3312-1
	293-32		237EAU
505	282		AN3312-1
506	312-15		AN3350-2
507	312-13		233-51A
508	312-20		237EAU
509	293-40		AN3101A14S5S
510	328-31		AN3100M28-11S
511	328-33		AN3100M28-20S
512	328-7		AN3100A16-9S
514	167-17		102002-125500275
515	167-17		102002-125500275
516	316-1		17R21
517	328-10		191-54018-5
518	289		191-54296
519	328-12		191-54024
525	328-26		RC31AE473K
526	328-27		RC31AE104K
527	315-37		B10F50
529	305		RW16J141
530	297		B20K25
531	297		A25K10
532	305-15		B10F30
533	306-27		RW31J800
535	314-32		RW30J2R0
536	314-31		RW30J1R0
537	304-11		AN3155-50-100
538	304-10		AN3155-25-100
	304-22		
	304-30		
539	245-14		AN3155-25-11
540	296-44		30088
541	304-31		31873A
	304-23		
542	304-24		CM11081
543	314-6		120814
546	477-54		AF50026144
547	477		C8001-3
548	70-24		C8001-1 (151-48320)
	70-24		C8001-1 (175-48320)
549	52-28		175-48320
	54-58		
	70		
550	328		191-54006
552	Furnished with engine		Spark Plug
553	422-15		175-54332
555	296-6		45A7400-1
556	296		8749K11
557	349-20		AN3210-1
558	349-28		AN3210-1
559	297-[illegible]		AN3027-8
560	326-4		AN3021-1
	285-7		
	285-7A		
561	326-7		AN3021-3
	285-6		
562	285-4		AN3226-1
	326-11		
563	285-7A		AN3021-1
564	286-4		AN3216-1
	287-2		
565	296-7		45A7400-2
566	320-12		AN3210-1
567	305		BZ3YST
568	305		BZ3YST
569	294-9		AN3022-6
570	320-5		AN3215-1
571	305-4		BZ7RQ1T
572	285-5		AN3021-1

REFERENCE DESIGNATION	FIGURE & INDEX	CLASS CODE OR STOCK NUMBER	PART NUMBER
573	299-2		1AT3
	300-3		
574	297-7		AN3027-3
575	292-8		BZ7RQ1T
576	105-5		138187
577	105-2		C1006
578	458-30		G20A11
579	294-6		AN3021-5
	181		
581	285-12		AN3027-8
582	297-12		AN3027-8
583	409-16		175-54332
584	326-6		AN3027-3
585	285-11		AN3021-7
	326-14		
586	285-14		AN3226-1
	326-9		
587	296-13		1AT5
588	181-4		AN3021-1
589	80		172-58620-3
	80		172-58620-7
590	262-8		172-58624-3
	272		
591	262-5		172-58624-5
	272		
592	262-8		172-58624-3
	262-11		
	272		
593	80-19		172-58615
594	297-9		AN3021-2
595	285-2		AN3027-3
	326-5		
596	75-27		AN3234-1
597	181-6		10681
598	432		AN3216-1 (MD2721ACT)
599	299-6		AN3022-15B
	300-5		
600	421-6		175-54332
	422-15		175-54332-10
	424-32		
	430-36		
601	93-25		152-54201-30
602	93-25		152-54201-30
603	401-13		152-54201
604	401-13		152-54201
	300-7		
605	401-13		152-54201
606	401-13		152-54201
607	320-20		BZ7RQ1T
608	320-19		BZ7RQ1T
609	292-8		BZ7RQ1T
610	292-2		BZ7RQ1T
611	292-3		152-54201-30
612	292-3		152-54201-30
613	292		AN3215-1
614	417-19		AN3234-1 (151-54251)
615	326-7		AN3021-3
616	See figure 181		C8100
617	297-2		AN3227-1
618	297-1		AN3227-3
619	388-6		PG208AS2
620	296-12		AN3227-3
621	326-4		AN3021-1
622	326-6		AN3021-3
623	291-15		AN3234-1
	See numerical index for appropriate figure number		
625	285-8		AN3027-1
	326-2		
626	296-15		AN3027-1
627	101-57		AN3234-1
628	442-34		AN3021-1
629	328-22		AN3021-2
630	297-3		AN3021-2
631	297-4		D202W2R
632	294		BZ3YDT
633	281-38		AN3216-1
634	321-9		A1901RCUR
635	299-5		A401B4
	300-2		
636	323-17		WA3SBT1
	440		

REFERENCE DESIGNATION	FIGURE & INDEX	CLASS CODE OR STOCK NUMBER	PART NUMBER
637	297-9		AN3021-2
638	71-21		AN3210-1
	72-20		
639	296-38		AN3234-1
640	381-43		AN3234-1
641	296-11		AN3021-2
642	386-17		BZ7RQ1T
643	212-3		S233B1
644	92		AN3023-3
645	181-5		4AT4
646	418-19		175-54331
647	427-19		175-54331-10
648	418		175-54331
649	410-15		175-54331
650	315		172-54142-10
651	405-15		175-54331
652	314-10		AN3436-2-2
653	292-41		AN3436-2-1
654	292-42		AN3436-2-3
655	93-20		AN3436-2-2
	91-14		
656	313-12		AN3436-2-9
657	92-7		AN3436-2-7
658	93		AN3436-2-10
660	94-6		AN3436-4-3
661	293-25	Formerly NAS45-416-2	3T3-5-2
662	305-10		151-54037-5
663	304-20		AN3436-2-10
664	316-35	Formerly NAS45-416-1	AN3436-6-1
665	325-10		AN3436-6-9
666	305-11	Formerly NAS45-416-2	3T3-5-2
667	315		AN3436-2-12
668	313-25		AN3436-2-6
669	306		AN3436-2-11
671	315		AN3436-2-8
673	305-10		151-54037-5
	295-20		
675	278-37	Formerly NAS45-416-1	AN3436-6-1
676	94-3	Formerly NAS45-8-2	AN3436-4-2
677	94		40095
678	94		40095
679	94		AN3436-2-10
680	305-33		AN3436-2-10
681	314-5		140-54035
682	94-3	Formerly NAS45-8-2	AN3436-4-2
684	293-32		AN3436-2-6
685	278-36		AN3436-6-3
686	94-7		AN3436-2-2
687	181-13		AN3436-2-6
688	94-4		AN3436-2-12
689	305		AN3436-2-1
690	306-20		AN3436-2-10
691	306-18		AN3436-2-7
692	325-37		AN3436-2-2
693	306-19		AN3436-2-4
694	294-22		AN3436-2-1
	295-11		
698	94-4		AN3436-2-12
701	306-20		AN3436-2-10
704	315-40		B6010-2
	316		
	325-3		
	325-4		
705	325-42		AN3436-2-8
706	305		AN3436-2-1
709	378-46		18420-045
710	128-39		18423-0-260
711	162-5		18423-0-275
712	464-20		18423-
713	293-34		52B522
	293-38		
715	313-3		C124
716	Furnished with engine		Transformer
717	293-36		C124
720	180-8		MIL-T6302
721	180-13		EA381-549
722	179-21		EA380-548A
723	73-8		EA379AC547
724	2		EA378A546
	74-6		
725	2		EA378A545
	74		
726	73-24		21323
727	73-24		21323

REFERENCE DESIGNATION	FIGURE & INDEX	CLASS CODE OR STOCK NUMBER	PART NUMBER
728	180-24		21323
729	180-9		21117
730	433-3		9106-12A1
731	433		9105-12A1A
735	382-24		WB008-1 1/2
736	322-11		550120
	382		
737	322-10		93750-3
	383-10		
738	383-51		10211-200-9
739	248-13		9610-2
740	458-23		40R855P[illegible]
741	Furnished with engine		Valve
742	Furnished with engine		Valve
743	461		3224
744	269		172-58625-3
	262-22		
745	81-18		172-58616-3
	90		
746	224-15		23569-3
747	389-29		46004
748	383-13		W7946-2D
749	254-16		9600
	254-40		
750	322-8		94510-2
	377-15		
752	41-11	Formerly AV2B1186	AV2B1354
753	43-1		F7097

REFERENCE DESIGNATION	FIGURE & INDEX	CLASS CODE OR STOCK NUMBER	PART NUMBER
757	Furnished with engine		Vibrator
758	Use C10FA548 (see fig. 181-15)		C10FA543
759	Furnished with engine		Vibrator
761	See figure 182-3		AN3203V30
762	286		151-54296-10
763	315-30		80012
764	315-29		80011
765	315-28		80010
	435-5		
766	328-15		AN3157-3
767	328-19		AN3157-4
768	[illegible]		AN3157-4
769	105		AN3157-6
770	328-16		53410T991
800	424-32		175-54332
801	422-15		175-54332
802	424		175-54332
803	421-6		175-54332
804	422-15		175-54332
805	421-6		175-54332-10
806	409-16		175-54332
807	92		AN3023-3
808	See numerical index for appropriate figure number		
809	429-36		175-54332
810	212-3		S23-3B1A
827	278-10		102

RADIO

REFERENCE DESIG. NATION	FIGURE & INDEX	CLASS CODE OR STOCK NUMBER	PART NUMBER
AR1	340C-1		Amplifier
A1	339-40		C1904/ARC27
CN5	340A-15		C1763/ARN21
CN541	340C-8		916-1
CN567	340C-7		546234
E3	340B-21		UG212C/U
E4	340A-1		AT741/A
F1	340B-6		[illegible]
J1	339-38		CA3106R24-28P
J7	340A-24		MS3102C28-21S
K556	340C-11		MS25024-2
K557	340-12		MS25024-2
K558	340C-13		MS25024-2
MT3	340B-24		MT928/ARN21
M4	340C-4		ID307/ARN
P1	339-36		CA06ER24-28S
P2	339-39		MS24021-1
P3	339-33		MS3108R24-7S
P4	339-34		MS3108R24-5S
P19	340B-30		DM9700-3S
P20	340B-31		DN9700-19S
P21	340C-14		MS25183-16S1P
P22	340B-35		MS25183-18-1P
P23	340A-22		MS25183-18-1S
P24	340B-32		MS25183-18-9S
P25	340A-23		MS25183-20-27P
P26	340C-16		MS25183-20-27S
P27	340B-33		MS25183-22-14P
P28	340B-34		MS25183-22-14S
P28-1	307-24		MS25183-22-14S
P29	307-25		MS25183-28-12S
P29-1	307-26		MS25183-28-12S
P30	340C-15		MS25183-28-21P
P31	340C-17		MS25173-28-21S
P554	340C-26		AN3106E20-27S
P569	340C-25		MS25183-16S1S
R1	340A		RC20GF470J
R2	340A		RC20GF511J
S3	340B-12		C2193/A
TB1	339-30		MS25123-1-12
TB1	340B-28		AN3436-1-15
TB2	339-31		MS25123-1-12
TB2	340B-28		AN3436-1-15
TB3	340B-28		AN3436-1-15
TB4	340B-28		AN3436-1-15
TB6	340A-20		AN3436-1-15
TR3	340B-23		[illegible]RN21
W5	340B-10		71202B20
W6	340B-11		71202B75
W7	340B-1		71202B180
W8	340A-3		71202B320
Z2	340A-16		CV279/ARN
1	338-1		C784/ARC33
2	337-4		J68/ARC3
	338-5		RT173/ARC33
3	337-8		PL148A
4	337-10		U16/U
5	337-9		U15/U
6	337-14		PL153A
7	337-17		T67/ARC3
9	337-16		PL151A
10	337-20		R77A/ARC3
11	337		[illegible]259A
12	337-13		M359A
	337-22		
	336-14		
13	104		176-71009-8
14	338-10		172-71009
	339-15		
21	336-1		C403A/A
22	336-1		C403A/A
24	336-13		CG405/ARN6
25	336-12		151-71082
26	336-36		AS313B/ARN6
27	334-6		UG212A/U
28	184-1		ID90A/ARN6
29	307-9		AN3106B14S2S

REFERENCE DESIG. NATION	FIGURE & INDEX	CLASS CODE OR STOCK NUMBER	PART NUMBER
30	336-10		R101A/ARN6
31	334-1		C629/APX6
33	335-37		SA3A/A
34	334-2		RT82/APX6
35	334-19		AT234/APX
37	337-12		172-71004-10
38	337-23		172-71004
39	337-26		172-71004-4
40	337-36		172-71004-6
41	See figure 104		172-71004-8
42	339-7		AN3106M24-5P
43	104-29		UG23C/U
44	337-24		UG27B/U
45	337-25		UG202/U
46	339-13		AN3108M24-5S
47	339-12		AN3108M24-7S
49	104-14		UG58/U
50	104-28		UG21C/U
	338		
	339		
51	104-22		8051
53	338		151-71048
	339		
55	334		AN3106B20-27S
56	98-12		161-23310-51
57	104-29		UG23C/U
59	170-3		151-71026
60	303-7		AN3161P20
61	302-2		AN3161P5
62	303-2		AN3161P10
63	337-2		RC20BF151J
64	337-3		AN3106B24-5S
	338		
	339		
65	337		AN3100C24-5P
	338-4		
	339-3		
66	336-39		AN3106B16S1S
67	303-2		AN3161P5
68	336		AN3106B28-12S
68A	334		AN3106B28-12S
69	336-9		AN3100C28-12P
69A	334-9		AN3100C28-12P
70	336-34		AN3102C14S7P
71	336-23		151-71098-5
72	334		AN3106B20-27S
73	334-23		AN3100C20-27P
74	336-15		PL274
75	338-14		172-71009-6
76	338-13		172-71009-4
77	*See numerical index for applicable dash number		AN3436-6-*
78	362-3		14S2P
79	362-28		14S2S
80	336-17		CG556/ARN6
84	336-35		CG555/ARN6
85	431-7		138106
86	334		UG61A/U
87	336-16		227-71005
88	334-5		AN3108B18-1P
90	334-4		AN3108B8S1P
92	334-3		AN3108B14S5S
94	334		UG59A/U
95	336-29		151-71084
96	336-19		151-71097-12
97	320		AN3108B20-29S
98	320-9		AN3100C20-29P
99	320		AN3107B20-29S
100	320-17		AN3100A20-29P
104	362-2		U61/U
105	Part of 165-71060 (see fig. 362)		WF5/U
106	334-11		AGC5
109	338-12		UG202/U
111	98-12		161-23310-51
146	184-1		ID91A/ARN6
372	335		AN3106B16S1P
428	335-34		AN3101B16S1S

RADAR

REFERENCE DESIGNATION	FIGURE & INDEX	CLASS CODE OR STOCK NUMBER	PART NUMBER
1	343-5		665096
	344-1		667499
2	330-4		665087
	330		667498
3	306-10		665097
	312-7		672636
4	329-9		172-74030-3
5	285-6		AN3021-3
	326-7		
6	329-28		JA7531FS3056-3
7	191-18		53C4719
8	439-14		172-43059
	440-14		
9	431-7		138106
	442-45		
10	330		RT322/APG30A
11	341		151-74083
12	331		654086
	331A-1		667494
13	330-18		654931
	330		667502
14	330-5		RT181/APG30
15	330-6		MT709/APG30
16	330-13		PP493/APG30
17	330-14		MT739/U
18	330-19		104451
	330-19		102527
19	330-21		170-74052
20	330-13		PP493A/APG30A
21	335-4		32617
22	335-10		172-74025-20
23	335-10		SD195-283
25	330-22		CN112/APG30
26	330		MT708/APG30
27	330-23		AN3312-1
29	332-47		AT223/APG30
30	332-48		AB171/APG30
31	332-22		LC19288
32	332-2		CG801/U(2-0)
33	332-1		LC19287
34	284-2		AN3161P5
35	302-4		AN3161P10
36	302-6		AN3161P20
37	302-8		AN3161P25
	302-8		AN3161P15
38	284-5		AN3161P15
39	284-6		AN3161P15
40	335-43		AN3161P5
41	330		AGC1-8
42	330		AGC1-2
43	282		AGC2
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44	330		AGC3
45	282		AGC5
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49	144-40		6-140
50	307-4		AN3106B20-27P
51	333-8		P302CCT-L
52	333-9		P303CCT-L
53	333-13		P304CCT-L
54	333-11		P306CCT-L
55	333-18		P308CCT-L
56	333-15		P312CCT-L
57	333-16		P315CCT-L
58	333-14		P318CCT-L
61	333-27		AN3106B14S2P
62	333-32		AN3106B14S2S
63	293-10		AN3106B14S5P
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64	331-6		AN3106B22-14S
65	306-11		AN3106B18-8S
66	333-1		AN3108B20-15S
67	333-4		AN3106B20-18S
68	333-2		AN3108B20-18P
69	333-3		AN3106B20-27P
70	333-30		AN3106B24-28S
71	331-6		AN3106B22-19S
72	334		AN3106B20-27S
73	331-4		AN3106B28-16P
74	333-34		AN3106B28-16S
75	333-28		AN3106B28-17P
77	242-15		AN3106M28-12S
78	306-1		AN3108M28-12S
79	333-24		AN3108B32-13P
80	333-25		AN3106B32-13S
81	333-6		AN3108B22-14S
82	333-26		170-74013
83	333-26		170-74013
85	333-12		S304CCT-L
86	333-10		S306CCT-L
87	333-19		S308CCT-L
88	333-17		S404CCT-L
89	333-26		170-74013
90	334-4		AN3108B8S1P
91	336-9		AN3100C28-12P
92	330		AN3100-28-16S
93	337-3		AN3100A20-27S
94	329-2		80MC2F1
96	333		UG260A/U
106	333		AN3057-20A
107	293		AN3100C24-28P
108	333-32		AN3108B24-28S
110	441-22		A4509A
111	441-23		L9058
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113	[redacted]		BZ3YDT
121	See figure 333		202-74015
124-1	333-39		AN3106M22-14S
125	See figure 475		RG33A3
126-1	333-36		AN3106M18-12P
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134-1	333-35		AN3106M18-12S
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264	306-13		AN3106B28-11S
265	293-15		AN3106B28-12S
273	293-1		AN3106A32-7P
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287	306-14		AN3102A20-27S
306	336-4		AN3100C28-12P
317	306-7		AN3106B32-7S
318	306-8		AN3106B28-11S
329	282-29		G39989A
372	335-34		AN3106B16S1P
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412	306		AN3100C32-7P
413	306		AN3100C28-11P
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