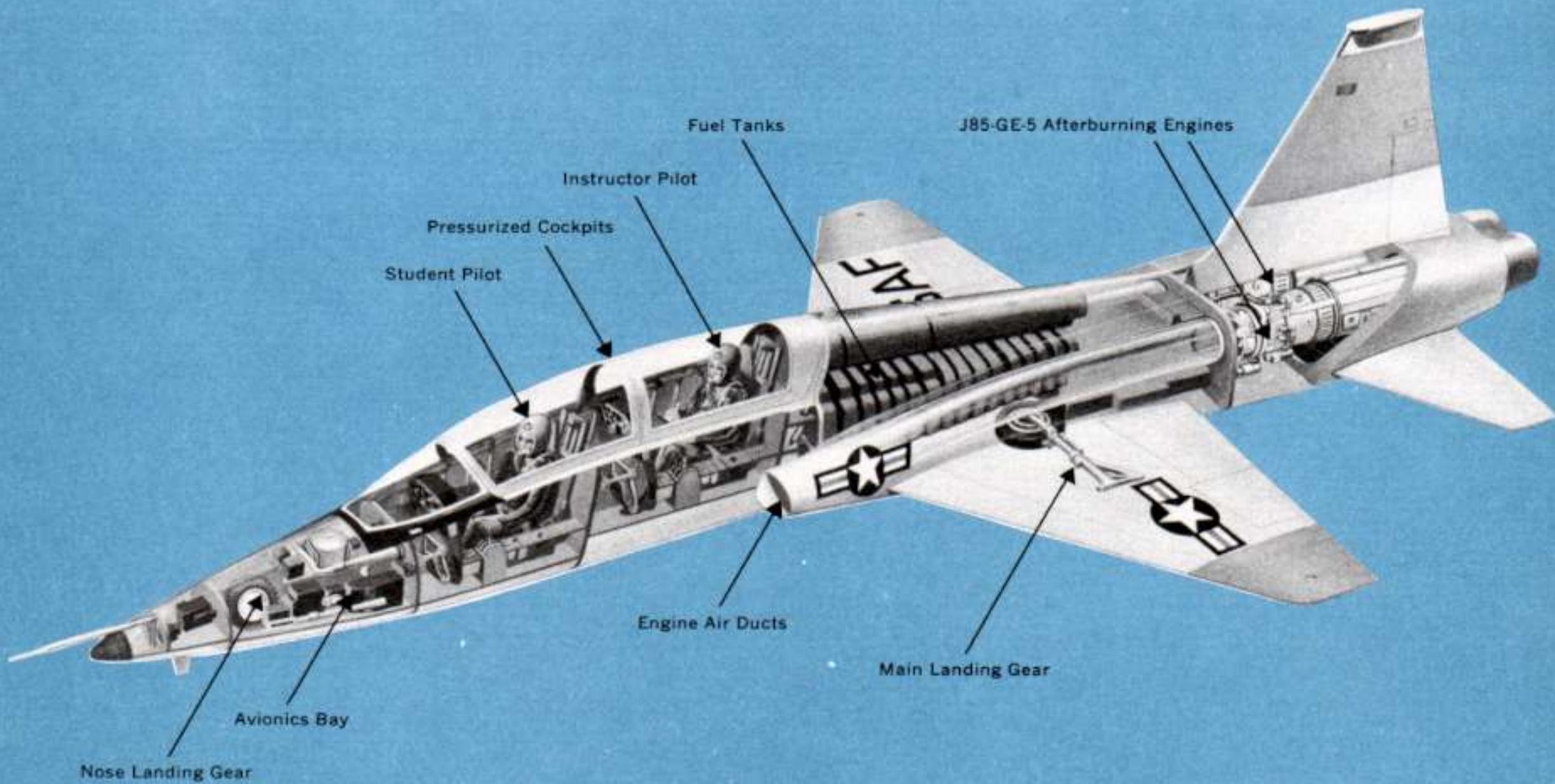




**USAF T-38 SUPERSONIC JET TRAINER**

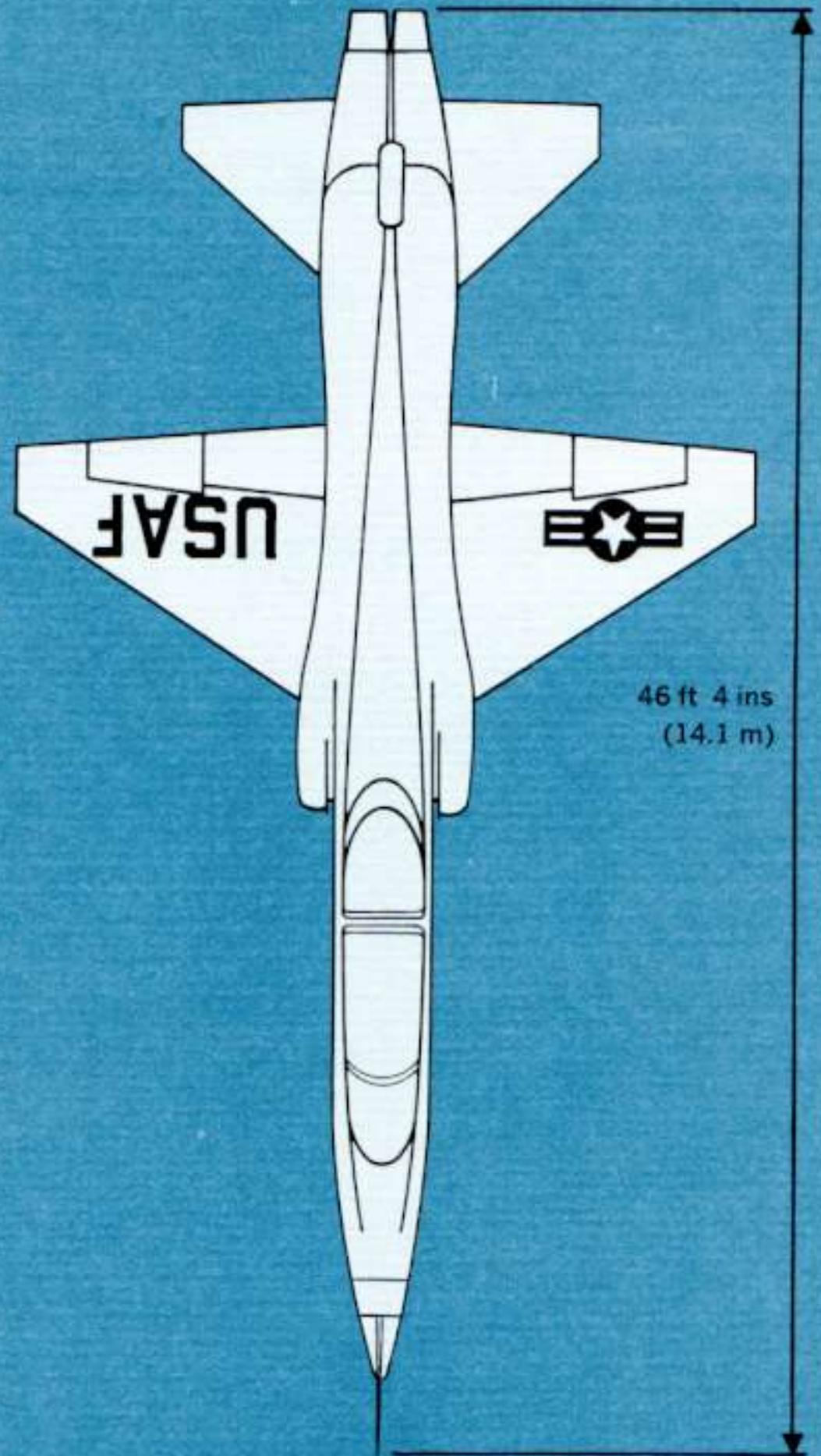
**USAF T-38 SUPERSONIC JET TRAINER** The United States Air Force's first supersonic jet trainer, the T-38 TALON, introduces a new era of pilot training to the free nations of the world. Now in quantity production for the USAF Air Training Command, the T-38 provides the high performance training environment necessary to prepare the student pilot for transition into contemporary and future manned weapon systems.

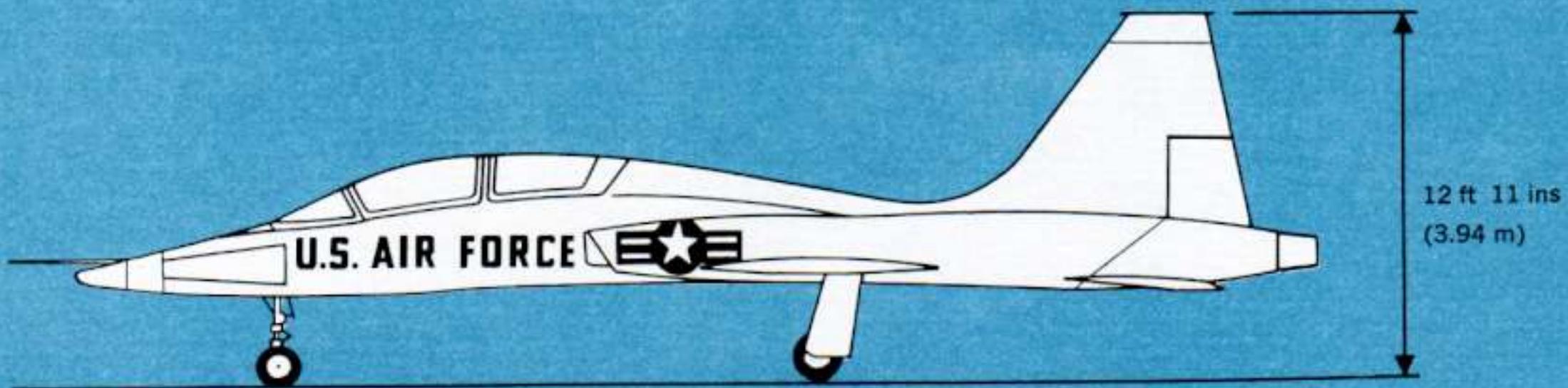
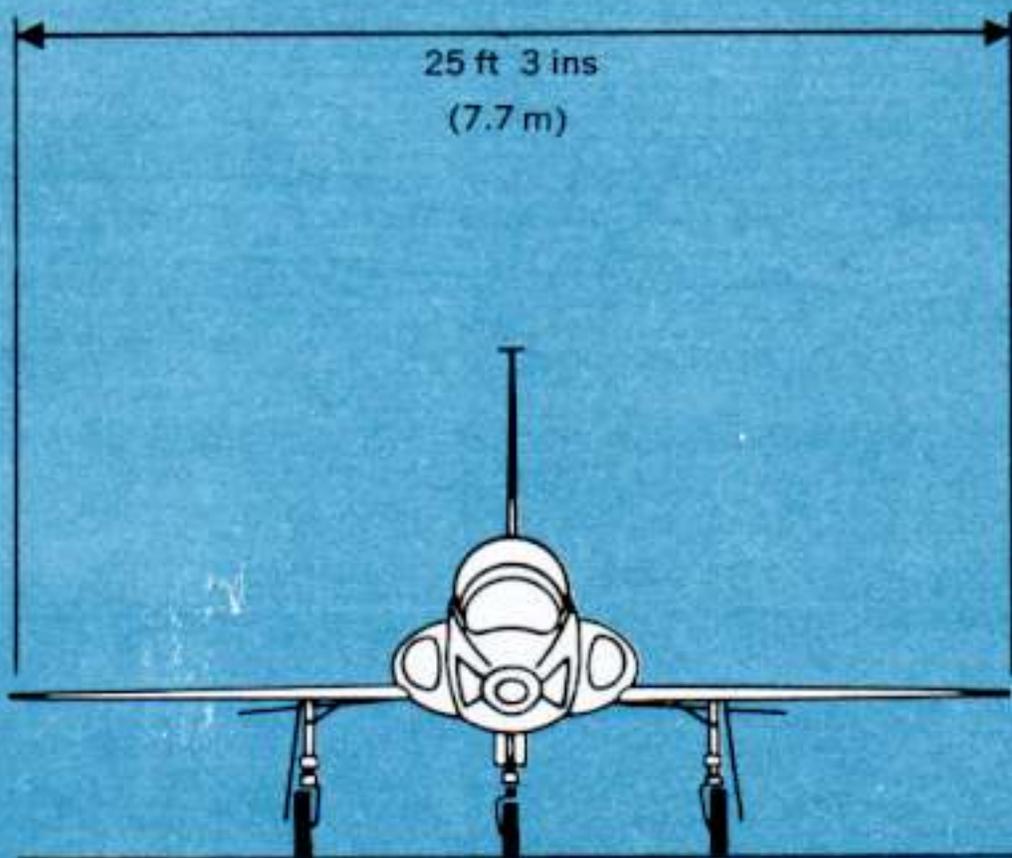




# BASIC DATA

WEIGHTS	Take-off weight	11,600 lbs	(5250 kg)
	Internal fuel	3916 lbs	(1770 kg)
DIMENSIONS	Length	46 ft 4 ins	(14.1 m)
	Span	25 ft 3 ins	(7.7 m)
	Height	12 ft 11 ins	(3.94 m)
	Tread	10 ft 10 ins	(3.3 m)
	Wing area	170 sq ft	(15.8 sq m)
POWER PLANT	Two General Electric J85-GE-5 engines		
	Total thrust	7700 lbs	(3940 kg)
TAKEOFF DISTANCE	Ground Roll	2600 ft	(792 m)
	Over 50 ft (16.4 m) obstacle	4000 ft	(1220 m)
LANDING DISTANCE	Ground Roll	3200 ft	(975 m)
	Over 50 ft (16.4 m) obstacle	4900 ft	(1495 m)
SPEED	M = 1.27		
RANGE	Internal Fuel	1000 n mi +	(1850 km)
RATE OF CLIMB	at Sea Level	30,000 fpm	(9150 mpm)
	on single engine	6500 fpm +	(1980 mpm)
CEILING		55,000 ft +	(16,700 m)

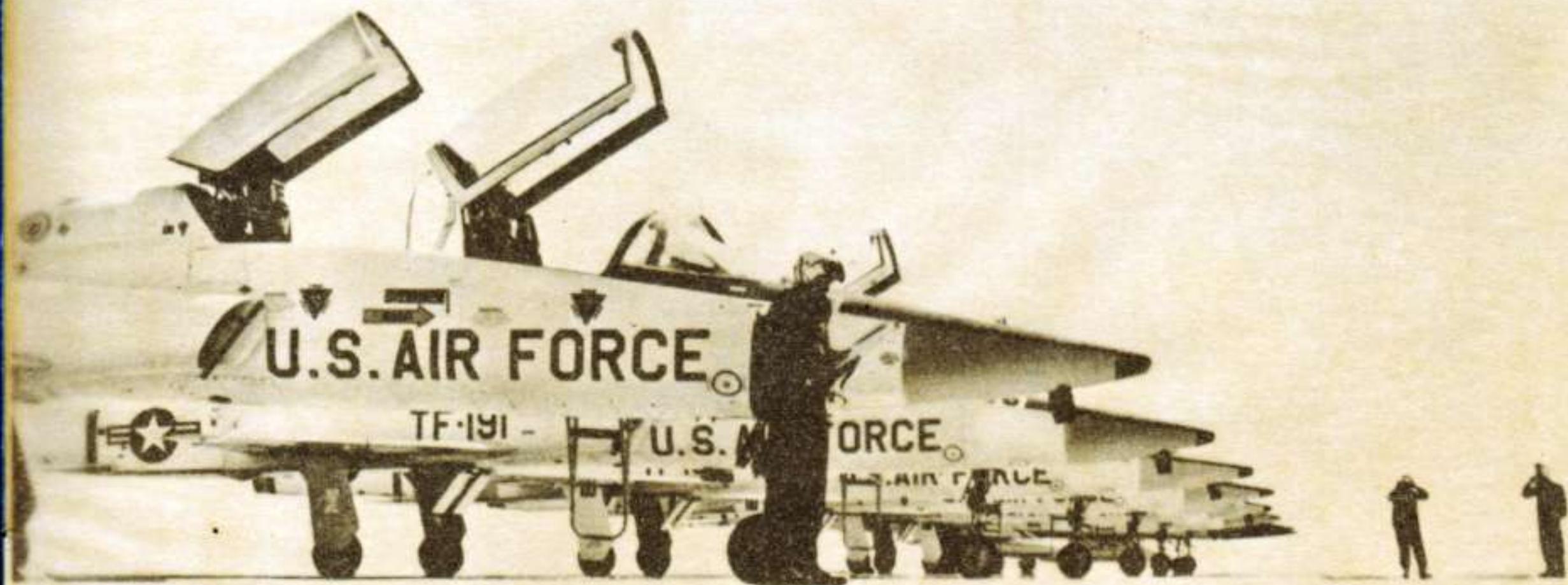




**OUTSTANDING PERFORMANCE** The high performance T-38 provides supervised instruction in all phases of pilot training: Supersonic Flight Indoctrination; Takeoff and Landing Techniques; Multijet Engine and Afterburner Operation; Aerobatics; Formation Flying; Night, Instrument, and Navigation Training.



**DESIGN FEATURES** Lightweight Design; Twin Engines; Full-powered Flight Controls; Dual Hydraulic Systems; Dual Electrical Systems; Separate Fuel Systems; Rocket-Assisted Ejection Seats; Separate Canopies; Cockpit White Lighting; Excellent Cockpit Layout; Outstanding Visibility; Maximum Aircrew Safety; Ease of Maintenance; Low Operational Costs.





# **NORTHROP**

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