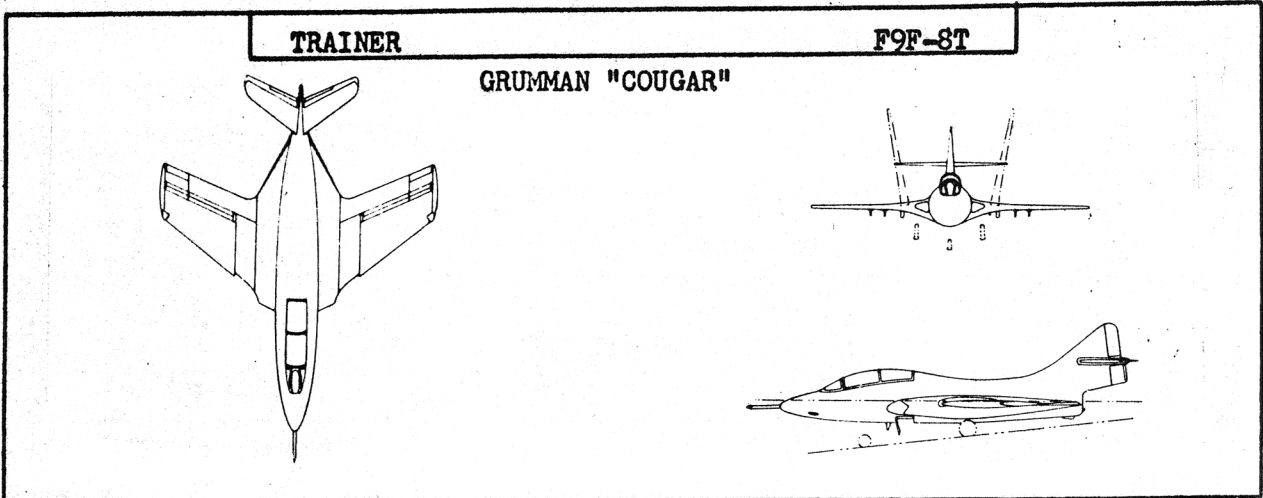


CHARACTERISTICS SUMMARY



WING AREA 337 sq. ft.
 WING SPAN 34' - 6"

LENGTH 44' - 4"
 HEIGHT 12' - 3"

AVAILABILITY			PROCUREMENT			
NUMBER AVAILABLE			NUMBER DELIVERED			
			IN FISCAL YEARS			
ACTIVE	RESERVE	TOTAL				

STATUS	
First Production	February 1956
Fleet Delivery	March 1957

ENGINES		
(1) P and W J-48-P-8A		
	LBS	RPM
T.O.	7250	11,000
MIL.	7250	11,000
NORM.	5600	10,400
Static Sea Level		

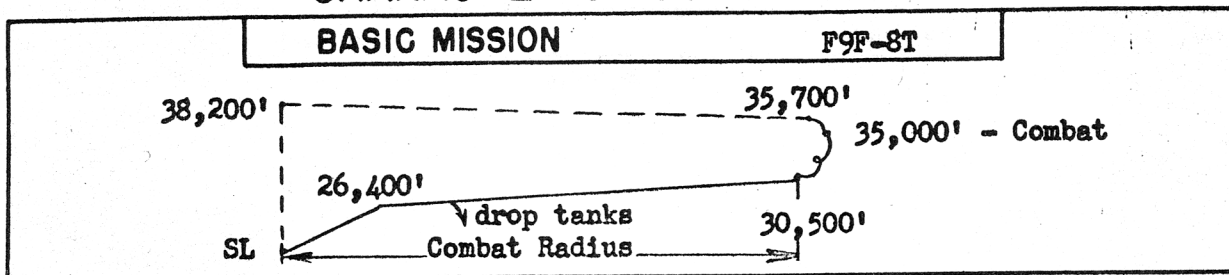
FEATURES
Crew - 2 Cambered L.E. Wing Ejection Seats 2-150 gal. ext. fuel tanks 31 in. longer than F9F-8 <u>Fire Control</u> ACS Aero 5D-1 AFCS Mk. 6 Mod. 3 Radar - AN/APG-30A

ARMAMENT
<u>GUNS</u> 2-20mm - Fuse - 200 rds. <u>WING RACK</u> <u>STORES</u> Aero 65A -1000 lb. cap. -Rocket Pks. -Ext. Fuel Tanks Aero 15B -500 lb. cap. -Rocket Pks. -Sidewinders

NAVAER 1519 A (REV. 1-49)

SERVICE

CHARACTERISTICS SUMMARY



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	SPEED
* 380 naut. mi. 342 knots avg. Mission Time - 2.6 General Purpose Fighter: 4 Ext. Sidewinders 2-150 gal. ext. tanks	780 naut. mi. 345 knots avg. hours	435 knots at S.L. ft. 474 knots at 17,000 ft. 410 knots at 35,000 ft. Combat Weight Military Power
CLIMB	CEILING	TAKE OFF
2770 ft./min. Sea Level, T. O. wt. Military Power	32,500 ft. 100 ft./min., T. O. wt. Military Power	6300 - Calm No Assist
3220 ft./min. Sea Level, Combat wt. Military Power	31,700 ft. 500 fpm, Combat wt. Military Power	4400' 25 kt. wind No Assist
LOAD	WEIGHTS	STALLING SPEED
Fuel 1363 gal. fixed 1063 drop 300 JP-4 Fuel	Empty 12,820 lbs. *Combat 22,446 lbs. Take-off 24,178 lbs. *4 Sidewinders retained ext. fuel tanks dropped	124.4 knots Power off Flaps down, T. O. wt.
		TIME TO CLIMB
		30,000 ft. in 16.8 min. Take-off Wt., Mil. Power

NOTES
Performance Basis: Contractor and NATC flight test data Range and Radius: NATC and contractor flight test fuel flow data increased by 5% Same config. on CAP Mission - 150 n. mi. radius; .81 hr. loiter; 2.0 hr. Mission time Same config. - IFR - 655 n. mi. radius; refueled 348 n. mi. out with 5097 lb. fuel; Mission time 4.3 hr. *JP-5 fuel increases radius to 415 n. mi.; Mission time to 2.74 hr.

NAVAER-1519B (Rev. 10-51)