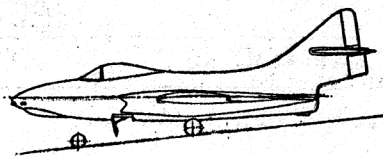
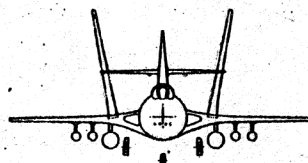
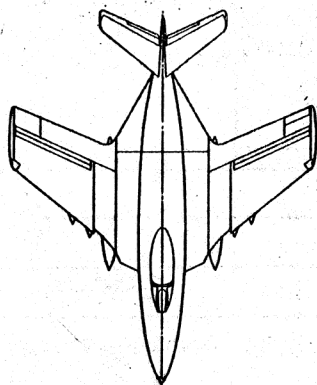


CHARACTERISTICS SUMMARY

GENERAL PURPOSE FIGHTER

F9F-8

GRUMMAN



WING AREA 337 Sq. Ft.
WING SPAN 34' - 6"

LENGTH 41' - 9"
HEIGHT 12' - 3"

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

STATUS

First Production. January 1954
Service Use. October 1954

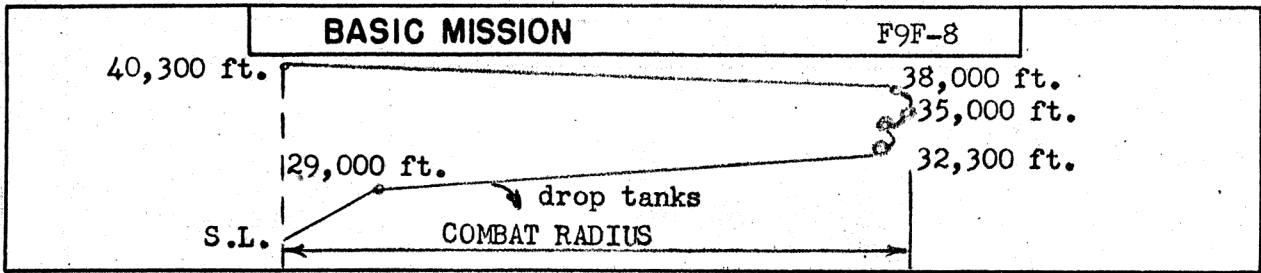
ENGINES		
(1) P and W J48-P-8A		
	<u>LBS</u> @	<u>RPM</u>
T.O.	7250	11000
MIL.	7250	11000
NORM.	5600	10400

FEATURES
Crew - 1
Cambered L. E. Wing
Ejection Set
All Movable Stabilizer
Pressurized Cabin
Radar AN/APG-30A

ARMAMENT
<u>GUNS</u>
4 20mm - Fuse - 760 rds
<u>BOMBS</u>
Aero 65A - 1000 lb.
Rack - Max. Cap.
- Rocket Pks.
- Ex Fuel Tank
Aero 15A - 500 lb max.
Rack - Capacity
- Rocket Pks.
Uni. Pylon - Sidewinders
& Mod D launcher

NAVAER 1519 A (REV. 1-49)

CHARACTERISTICS SUMMARY



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	SPEED
*410 naut. mi. 400 knots avg. Mission Time - 2.42 hrs. General Purpose Fighter: Armament: 4 Sidewinders 2 - 150 gal. ex. tanks	830 naut. mi. 420 knots avg.	453 knots at S.L. ft. 485 knots at 20,000 ft. 455 knots at 35,000 ft. Combat Weight Military Power
CLIMB	CEILING	TAKE OFF
3,100 ft./min. Sea Level, T. O. wt. Military Power	34,000 ft. 100 ft./min., T. O. wt. Military Power	5,870 Calm
4,100 ft./min. Sea Level, Combat wt. Military Power	35,800 ft. 500 ft./min., Combat wt. Military Power	4,210 25 knot wind
LOAD	WEIGHTS	STALLING SPEED
Fuel 1,363 gal. fixed 1,063 drop 300 JP-4 fuel	Empty 11,866 lbs. *Combat 19,738 lbs. Take-off 23,511 lbs. *2 Aero 65A racks 4 Sidewinders aboard	126.4 knots Power Off Flaps down, T. O. wt.
		TIME TO CLIMB
		ft. in min. Combat Wt., Max. Power

NOTES

Performance Basis: Contractors and NATC flight test data.
 Range and radius are based on contractors and NATC fuel consumption data increased by 5%.
 Same Mission on CAP - 150 n. mi. radius; 1 hr. loiter; 2.13 hr. Mission time.
 Same Mission - IFR- 745 n. mi. radius, refueled 432 n. mi. out with 4564 lb. fuel; Mission time 3.79 n. mi.
 *JP-5 fuel increase radius to 442 n. mi; Mission time to 2.58 hrs.

NAVAER-1519B (Rev. 10-51)