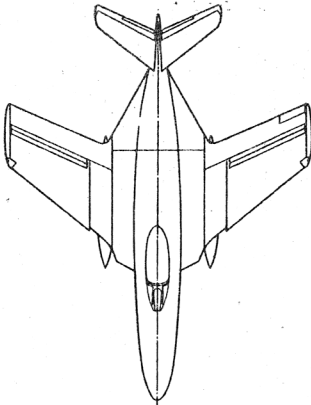
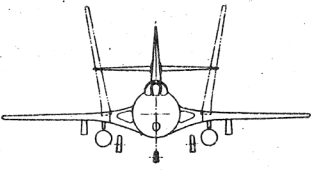
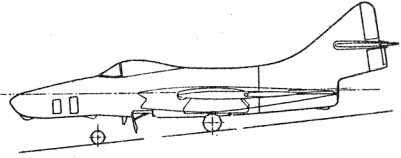


CHARACTERISTICS SUMMARY

PHOTO RECONNAISSANCE	F9F-8P
	<p>GRUMMAN</p>  

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

LENGTH 44' 1-9/16"
HEIGHT 12' 3"

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

STATUS
<p>First Flight - - - - - August 1955</p> <p>Service Use - - - - - January 1956</p>

ENGINES

P & W J48-P-8A
Specification number N-1614-D
Military static rating—7250 lbs.
Normal static rating—5600 lbs.

FEATURES

Utilizes all standard Navy cameras, including forward firing camera

Night photograph capability

Complete automatic camera control system, including image motion compensation for most cameras, including K38

Viewfinder-scanner-equipped with traveling grid for automatic speed—altitude information. Improved forward view

Cameras installed in 3 bays, providing excellent access for installation. Max. cameras carried in one installation 7

ARMAMENT - PHOTO

Cameras—Basic
K38 24", 36" F.L.
CA-13b

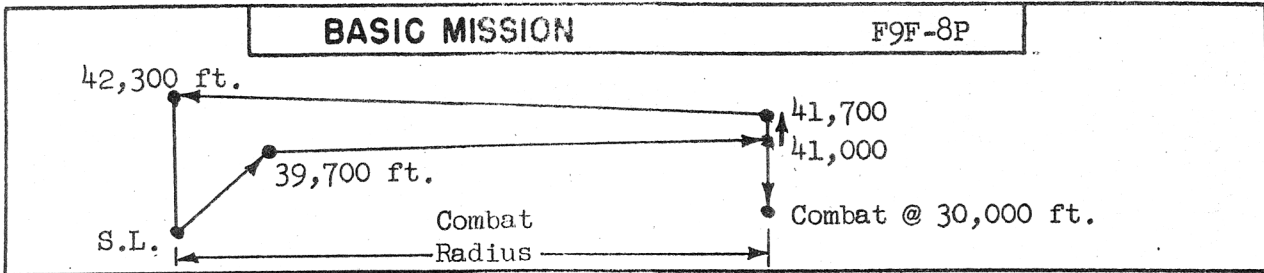
Cameras—Additional
K17c 6", 12", 24" F.L.
CA-3-2b
K-47—12" (night)
T-11—6"
CAS-2A 100mm 7", 12", 20", manual or automatic exposure lens cones
KF-8—2", 4", 6", 10" F.L.

Wing station	Rack	Store
71	Aero 65A	150 gallon drop tanks
96	MK 51*	Photo flash cartridge ejector pylon

*Rack is an integral part of photo flash unit

NAVAER 1519 A (REV. 1-49)

CHARACTERISTICS SUMMARY



CLEAN PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	SPEED
444 naut. mi.	996 naut. mi.	550 knots at S.L. ft.
450 knots avg.	448 knots avg.	548 knots at 10,000 ft.
2.11 hours	2.27 hours	504 knots at 35,000 ft.
		Combat Weight Military Power
CLIMB	CEILING	TAKE OFF
4725 ft./min.	40,200 ft.	4000 ft. - CALM
Sea Level, T. O. wt. Military Power	100 ft./min., T. O. wt. Military Power	NO ASSIST
5750 ft./min.	41,800 ft.	2680 - 25 knot HEADWIND
Sea Level, Combat Wt. Military Power	500 ft./min., Combat Wt. Military Power	NO ASSIST
LOAD	WEIGHTS	STALLING SPEED
Fuel 6935 lbs. (1067 gal.)	Empty 12323 lbs.	$V_{S_L} = 113.5$ knots
fixed 6935 drop 0	Combat 17141 lbs.	Flaps down, T. O. wt.
	Take-off 20082 lbs.	TIME TO CLIMB
		40000 ft. in 15 min.
		Combat Wt., Max. Power

- ### NOTES
- 1) Performance based on estimated data and flight test data from contractor not substantiated by BuAer.
 - 2) Vortex Generators and Splitter Plates installed

NAVAER-1519B (Rev. 10-51)