CHARACTERISTICS SUMMARY

SPECIAL STORE DELIVERY

GRUMMAN

F9F-8B

WING AREA 337 Sq. Ft.
WING SPAN 34' - 6"  LENGTH 41' - 9"
HEIGHT 12' - 3"

<table>
<thead>
<tr>
<th>AVAILABILITY</th>
<th>PROCUREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUMBER AVAILABLE</td>
<td>NUMBER DELIVERED IN FISCAL YEARS</td>
</tr>
<tr>
<td>ACTIVE</td>
<td>RESERVE</td>
</tr>
</tbody>
</table>

STATUS

First Production ...................... January 1954
Service Use ........................ October 1954

ENGINES
1 P&W J-48-P-8A
T.O. LBS RPM ALT
T.O. 7250 11000 SSL
MIL. 7250 11000 SSL
NORM. 5600 10400 SSL

FEATURES
CREW - 1
Cambered L. E. Wing
Ejection Seat
All Moveable Stabilizer
Max Store Cap 4,000#
1 External Tank - 150 gals.

ARMAMENT
GUNS
4 - 20mm - Fuse - 760 rds.

BOMBS
1125 lb. Store

15 FEBRUARY 1957
CHARACTERISTICS SUMMARY

BASIC MISSION

F9F-8B

41,500 ft. 40,800 ft.
S.L. 34,200 ft.
32,200 ft.

COMBAT RADIUS

PERFORMANCE

<table>
<thead>
<tr>
<th>COMBAT RADIUS</th>
<th>COMBAT RANGE</th>
<th>SPEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>295 naut. mi.</td>
<td>915 naut. mi.</td>
<td>554 knots at S.L. ft.</td>
</tr>
<tr>
<td>419 knots avg.</td>
<td>413 knots avg.</td>
<td>556 knots at 5,000 ft.</td>
</tr>
<tr>
<td>1.4 hrs. Mission Time</td>
<td>-- hours</td>
<td>532 knots at 10,000 ft.</td>
</tr>
</tbody>
</table>

SPECIAL STORE PROBLEM
SEA LEVEL DELIVERY
1,125 lb. Store

CLIMB
3,640 ft./min.

Sea Level, T. O. wt.
Military Power

CEILING
36,600 ft.

100 ft./min., T. O. wt.
Military Power

TAKE OFF
5,330 ft. Calm

No Assist

3,690 ft. 25 kt wind

No Assist

LOAD
Fuel 1,215 gal.

fixed 1,065 drop 150

J P-4

Max. Cap. 1,363 gals.

WEIGHTS
Empty 11,866 lbs.

*Combat 18,035 lbs.

Take-off 22,575 lbs.

*Store expended

STALLING SPEED

123.2 knots

Power Off

Flaps down, T. O. wt.

TIME TO CLimb
30,000 ft. in 12.0 min.

T.O. Wt., Mil. Power

NOTES

PERFORMANCE BASIS: Contractor and NATC flight test of clean F9F-8 airplane.

Store data based on estimated calculations.

Range and radius based on Contractor and NATC flight test fuel consumption increased by 5%.

F9F-8B

15 FEBRUARY 1957