Characteristics Summary

FIGHTER ...................... F-5IH

NORTH AMERICAN

Wing area ...................... 236.0 sq ft
Length .......................... 33.3 ft
Span ............................. 37.0 ft
Height ........................... 13.7 ft

AVAILABILITY

<table>
<thead>
<tr>
<th>ACTIVE</th>
<th>RESERVE</th>
<th>TOTAL</th>
</tr>
</thead>
</table>

PROCUREMENT

<table>
<thead>
<tr>
<th>Number to be delivered in fiscal years</th>
</tr>
</thead>
</table>

STATUS

1. Major difference from F-51D: Engine and propeller change, longer fuselage and other structural changes.
2. First acceptance: Jan 1945
3. Production completed: Nov 1945

POWER PLANT

(1) V-1650-9 Packard

ENGINE RATINGS

<table>
<thead>
<tr>
<th>T.O.</th>
<th>Mil</th>
<th>Nor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1380</td>
<td>1495</td>
<td>1000</td>
</tr>
<tr>
<td>3000</td>
<td>3000</td>
<td>2700</td>
</tr>
<tr>
<td>15,300</td>
<td>28,700</td>
<td>17,500</td>
</tr>
</tbody>
</table>

See note (d) under "NOTES"

FEATURES

Crew: 1
Heating, Ventilating and De-frosting
"G" Suit Provisions
Tail Warning Radar
N-6 G.S.A.P. Camera
K-14A or -B Gunsight
Max Fuel Cap: 590 gal

ARMAMENT

Turrets: None
Guns: 6x.50 cal
Ammunition (tot.): 1820 rds
Max Bomb Load: 2x1000 lb
Max Bomb Size: 1000 lb
Rockets: 10x5" HVAR

16 MAY 1950

F-5IH
### Characteristics Summary Basic Mission

**F-51H**

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**Performance**

<table>
<thead>
<tr>
<th>COMBAT RADIUS</th>
<th>COMBAT RANGE</th>
<th>COMBAT SPEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>770 naut. mi</td>
<td>1665 naut. mi</td>
<td>406 knots at 25,000 ft alt, max power</td>
</tr>
</tbody>
</table>

#### Maximum Speed

- **410 knots at 22,700 ft alt, max power**

#### Climb & Ceiling

- **1100 fpm**
  - Sea level, take-off weight, normal power
- **32,400 ft**
  - 100 fpm, take-off weight, normal power

#### Take-off

- **1800 ft**
  - Ground run, no assist
- **2720 ft**
  - Over 50 ft height, assisted

#### Load & Weights

- **Bombs:** None
- **Ammunition:** 1820 rds/.50 cal
- **Fuel:** 480 gal
  - Protected: 54%
  - Droppable: 46%
  - External: 46%
- **Empty...** 6551 lb
- **Combat...** 9430 lb
- **Take-off...** 11,029 lb

#### Stalling Speed

- **92 knots**
  - Flaps down, take-off weight

#### Time to Climb

- **6.6 min.**
  - S.L. to 25,000 ft.
  - Combat Wt., Max Power

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**Notes**

1. **Performance Basis:**
   - (a) Flight tests
   - (b) Fuel density: 6.0 lb/gal
   - (c) In computing Radius and Range, specific fuel consumptions have been increased 5% to allow for variation of fuel flow in service aircraft.
   - (d) Performance data shown above for max power is based on war emergency (wet) powers of 2220 BHP @ 3000 RPM @ 9,000 ft. and 1790 BHP @ 3000 RPM @ 22,700 ft.

2. **Revision Basis:** To show engine ratings and changes in “Status”, “Features”, “Take-off” and “Notes” blocks.