Characteristics Summary

FIGHTER ............... F-86H

"SABRE" 
NORTH AMERICAN

Wing Area ................. 313.4 sq ft  Length ..................... 38.8 ft
Span ........................ 39.1 ft  Height ....................... 15.0 ft

AVAILABILITY             PROCUREMENT
Number available     Number to be delivered in fiscal years
ACTIVE  RESERVE  TOTAL

STATUS

1. The F-86H is a continuation of the F-86 series incorporating the increased thrust of the J73-GE-3E engine, a combination slatted-extended leading edge configuration and wing tip extensions.

S. L. S. LB - RPM - MIN
Max: 8920 - 7950 - 5
Mil: 8920 - 7950 - 30
Nor: 7820 - 7650 - Cont

POWER PLANT

(1) J73-GE-3E
General Electric

ENGINE RATINGS

FEATURES

Crew ................. 1
MA-3 Low Altitude Bombing System (LABS)
M-1 Toes Bomb Computer
T-145 Bomb Release System
A-4 Gun-Bomb-Rocket Sight with AN/APG-30 Radar
Extended Leading Edge
Power Operated Irreversible Flight Controls
Speed Brakes
Electrically Operated Flaps
Gaseous Oxygen System

Max Fuel Capacity: 1203 gal

ARMAMENT

Guns ... 4 x 20mm (M-39)
*or 6 x 50 cal (M-3)
Ammo (tot): 600 rds (20 mm)
or 1800 rds (50 cal)
Rockets ... 8 x 5" HVAR BOMBS:
WWII (Box Fin) ... 1000 ... 2x1000
INTERIM (Conical Fin) ... 1000 ... 2x1000
NEW SERIES ... 1000 ... 2x1000
(Napalm) ... 750 ... 2x750
SPECIAL STORES (Mark 12) ... 1200 ... 1x1200
Max Bomb Size ... 1200 lb
Max Bomb Load ... 2000 lb

*MSee Note "c".
Characteristics Summary Basic Mission: F-86H

**PERFORMANCE**

<table>
<thead>
<tr>
<th>COMBAT RADIUS</th>
<th>FERRY RANGE</th>
<th>SPEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>451 naut. mi</td>
<td>1573 naut. mi</td>
<td>COMBAT 524 knots at 43,900 ft, max power</td>
</tr>
<tr>
<td>with 420 lb payload</td>
<td>with 1203 gal fuel</td>
<td></td>
</tr>
<tr>
<td>at 480 knots avg.</td>
<td>at 476 knots avg.</td>
<td>MAX 601 knots at zero ft, max power</td>
</tr>
<tr>
<td>in 2.22 hours.</td>
<td>in 3.35 hours</td>
<td>BASIC 536 knots at 35,000 ft, max power</td>
</tr>
<tr>
<td></td>
<td>at 23,716 lb T.O. wt. b</td>
<td></td>
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</tbody>
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**CLIMB CEILING TAKE-OFF**

<table>
<thead>
<tr>
<th>Sea level, take-off weight maximum power</th>
<th>Sea level, combat weight maximum power</th>
</tr>
</thead>
<tbody>
<tr>
<td>8580 fpm</td>
<td>49,000 ft</td>
</tr>
<tr>
<td>500 fpm, combat weight maximum power</td>
<td></td>
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</tbody>
</table>

**LOAD WEIGHTS**

<table>
<thead>
<tr>
<th>Ammunition...600 rds/20mm</th>
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<tbody>
<tr>
<td>Empty... 13,836 lb</td>
</tr>
<tr>
<td>Combat... 18,683 lb</td>
</tr>
<tr>
<td>Take-off 21,852 lb</td>
</tr>
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</table>

**STALLING SPEED**

119.5 knots

**TIME TO CLimb**

1. Performance Basis:
   (a) Flight tests
   (b) Includes 420 lb of ballast.
   (c) Above data are for aircraft with 4 x 20mm(M-39) guns. First 116 aircraft have 6 x 50 cal(M-3) guns installed and weigh 296 lb less.

2. Revision Basis: To reflect addition of slatted-extended leading edge, wing tip extensions, gun changes and flight test results.