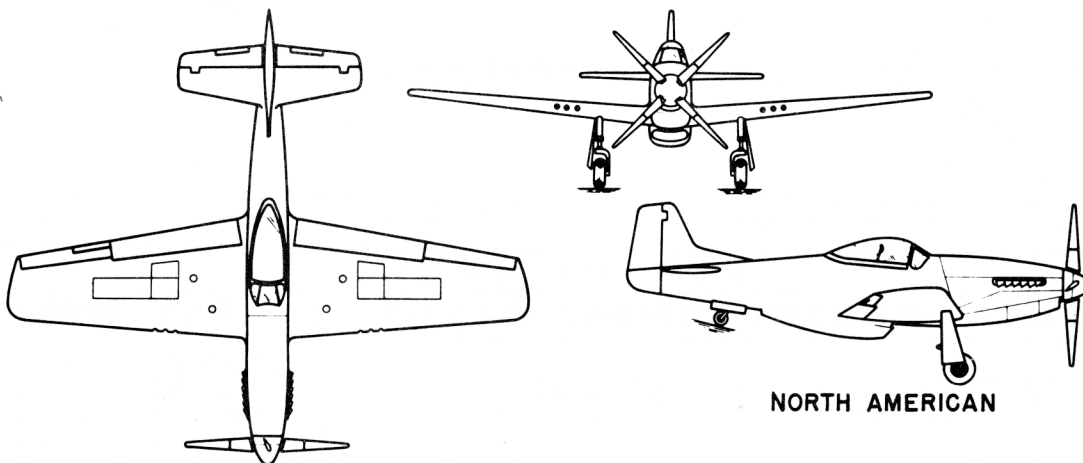


~~RESTRICTED~~

A-1  
P-51H  
SERVICE

# Characteristics Summary

FIGHTER ..... F-51H



Wing area ..... 236.0 sq ft

Length ..... 33.3 ft

Span ..... 37.0 ft

Height ..... 13.7 ft

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

## STATUS

SERVICE

1. Design initiated : 4 May 1940 (XF-51)
2. First acceptance: January 1945
3. Production completed: November 1945

## POWER PLANT

(1) V-1650-9 Packard  
BHP - RPM - ALT.\*\*  
T.O: 1335 - 3000 - S.L.  
Max: \*2220 - 3000 - 9,000  
\*1790 - 3000 - 22,700  
Nor: 1085 - 2700 - 21,800  
930 - 2700 - 31,800

\*Fluid injection  
\*\* Level flight critical altitude (incl. ram)

## FEATURES

Crew: 1  
Tail Warning Radar  
Cockpit Heating  
Max Fuel Capacity: 590 gal

## ARMAMENT

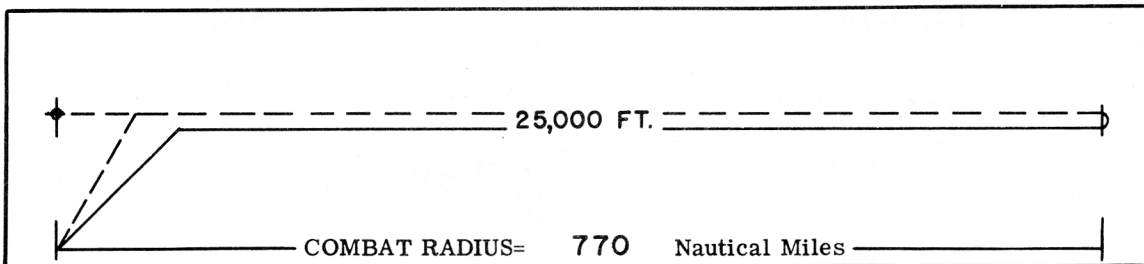
Turrets: None  
Guns: (6) .50 cal  
Ammunition: 1820 rds  
Max Bomb Load: (2) 1000 lb  
Max Bomb Size: 1000 lb  
Rocket Provisions: (10) 5" HVAR

22 MAR. 1949

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F-51H

*Revised to show engine  
wing and changes in status  
features, take-off and notes  
16 May 50*

*Characteristics Summary Basic Mission* ..... F-51H**PERFORMANCE**

COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
770 naut. mi with 0 lb payload at 249 knots avg. in 6.7 hours.	1665 naut. mi with 0 lb payload at 250 knots avg. in 6.8 hours.	406 knots at 25,000 ft alt, max power
		<b>MAXIMUM SPEED</b>
		410 knots at 22,700 ft alt, max power
CLIMB	CEILING	TAKE - OFF
1100 fpm sea level, take-off weight normal power	32,400 ft 100 fpm, take-off weight normal power	ground run 1480 ft no assist   — ft assisted
5000 fpm sea level, combat weight maximum power	39,000 ft 500 fpm, combat weight maximum power	over 50 ft height 2490 ft no assist   — ft assisted
LOAD	WEIGHTS	STALLING SPEED
Bombs: None Ammunition: 1820 rds/.50 cal	Empty..... 6551 lb Combat... 9430 lb Take - off 11,029 lb limited by mission	92 knots flaps down, take-off weight
Fuel: 480 gal protected 54 % droppable 46 % external 46 %		<b>TIME TO CLIMB</b> 6.6 min. S.L. to 25,000 ft. Combat Wt., Max Power

**NOTES**

1. PERFORMANCE BASIS: NACA standard conditions no wind, single airplane;  
(a) Fuel consumption based on flight tests, increased 5%
2. Major differences from F-51D: Engine and propeller changes, longer fuselage and major structural changes.
3. REVISION BASIS: To present data in complete agreement with Standard Aircraft Characteristics Charts.