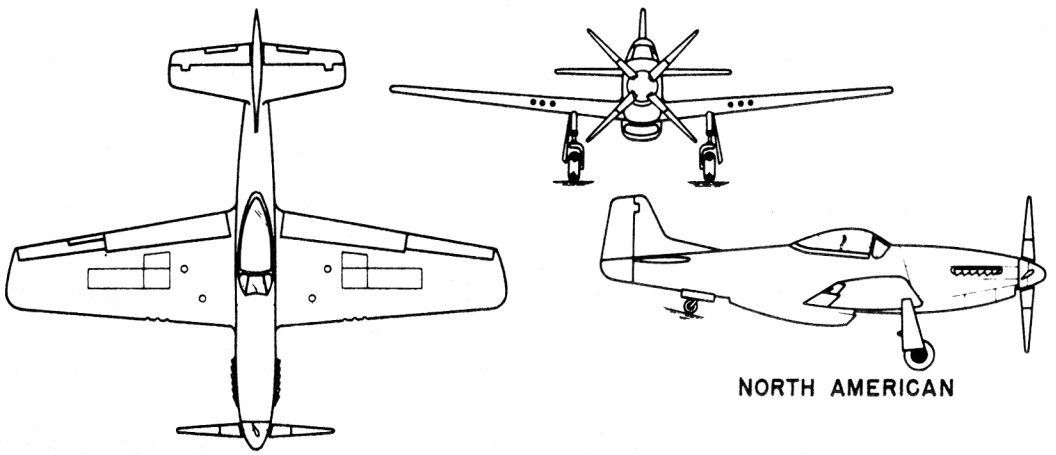
Characteristics Summary

FIGHTER F-51H



Wing area ..... 236.0 sq ft

Span ..... 37.0 ft

Length ..... 33.3 ft

Height ..... 13.7 ft

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

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
BHP - RPM - ALT

T.O: 1380 - 3000
Mil: 1495 - 3000 - 15,300
1230 - 3000 - 28,700
Nor: 1000 - 2700 - S.L.
1105 - 2700 - 17,500
950 - 2700 - 29,500

See note (d) under "NOTES"

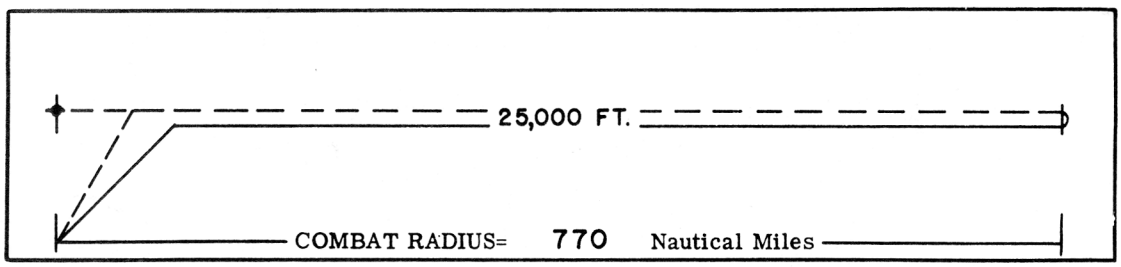
FEATURES

Crew: 1
Heating, Ventilating and Defrosting
"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

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
		MAXIMUM SPEED
		410 knots at 22,700 ft alt, max power
C L I M B	**C E I L I N G**	**T A K E - O F F**
1100 fpm sea level, take-off weight normal power	32,400 ft 100 fpm, take-off weight normal power	ground run 1800 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 2720 ft no assist | — ft assisted
L O A D	**W E I G H T S**	**STALLING SPEED**
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 limited by mission	92 knots flaps down, take-off weight
		TIME TO CLIMB
		6.6 min. S.L. to 25,000 ft. Combat Wt., Max Power

N O T E S

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.