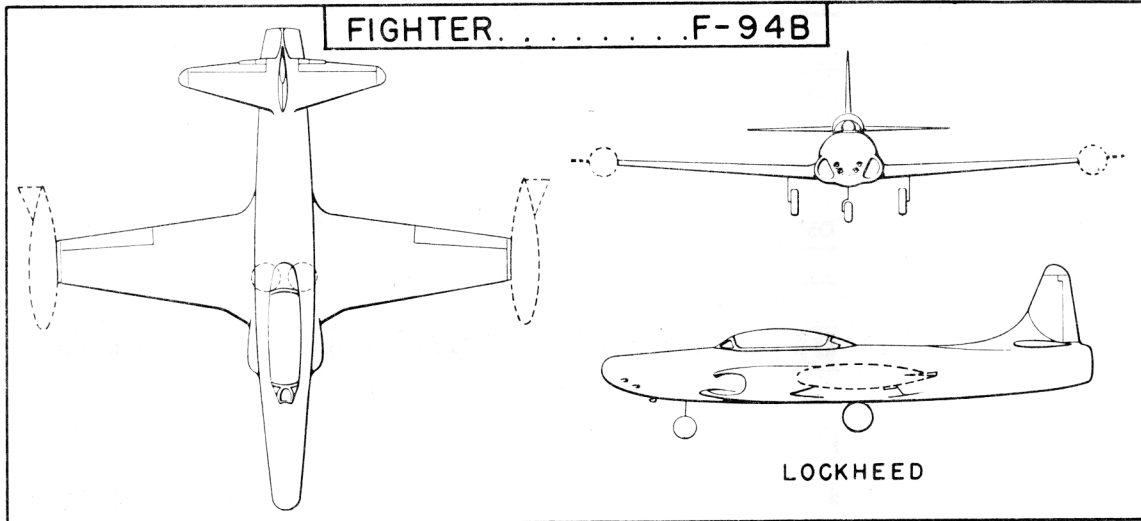


# Characteristics Summary



FIGHTER. . . . . F-94B

Wing area ..... 237.6 sq ft    Length ..... 40.1 ft  
 Span (minus tanks) ..... 38.9 ft    Height ..... 12.7 ft

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

## STATUS

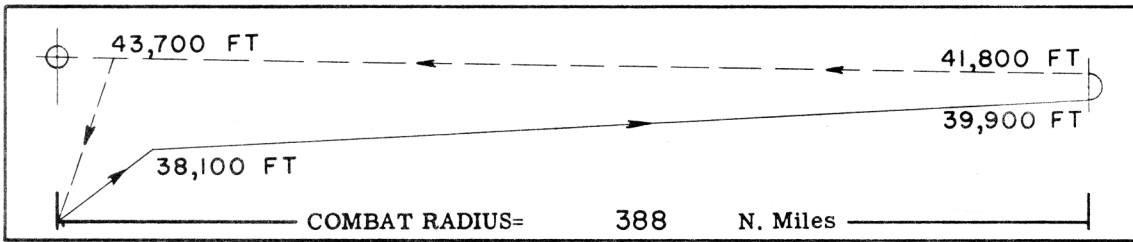
1. Modified F-94A
2. First Flight: ..... Dec 50
3. First Acceptance: ..... Dec 50

Navy Equivalent: None

Mfrs' Model: 780-76-08

POWER PLANT	FEATURES	ARMAMENT
(1) J33-A-33 Allison  ENGINE RATINGS S.L.Static    LB - RPM - MIN Max:    *6000 - 11,750 - 5 Mil:    4600 - 11,750 - 30 Nor:    3900 - 11,250 - Cont *With afterburner operating  ATO No & Model .. (2) 12AS-1000D4 Mfr ..... Aerojet Thrust (ea) ..... 1000 lb Duration (sec) ..... 12	Crew: ..... 2  Pressurization (5psi)  Instrument Landing System  Zero Reader  Hi Press. Oxygen  1500 psi Hydraulic System  E-1 Fire Control System  Automatic Pneumatic Gun Chargers  Max Fuel Capacity:    783 gal	Turrets: ..... None  Guns: ..... 4x.50 cal  Ammunition (tot.):    1200 rds  Max Bomb Load:    2x1000 lb  Max Bomb Size:    1000 lb

*Characteristics Summary Basic Mission* . . . . . F-94B



<b>PERFORMANCE</b>		
<b>COMBAT RADIUS</b>	<b>COMBAT RANGE</b>	<b>COMBAT SPEED</b>
388 naut. mi with 360* lb payload at 383 knots avg. in 2.46 hours.	1026 naut. mi with 360* lb payload at 384 knots avg. in 2.77 hours.	437 knots at 35,000 ft alt, max power
		<b>MAXIMUM SPEED</b>
		489 knots at zero ft alt, max power
<b>CLIMB</b>	<b>CEILING</b>	<b>TAKE-OFF</b>
2650 fpm sea level, take-off weight normal power	38,200 ft 100 fpm, take-off weight normal power	ground run 3250 ft   2470 ft no assist   assisted
7950 fpm sea level, combat weight maximum power	46,700 ft 500 fpm, combat weight maximum power	over 50 ft height 4490 ft   3290 ft no assist   assisted
<b>LOAD</b>	<b>WEIGHTS</b>	<b>STALLING SPEED</b>
Bombs: None *Ammunition: 1200 rds/.50 cal.	Empty..... 10,034 lb Combat... 14,150 lb Take - off 16,774 lb limited by mission	110 knots flaps down, take-off weight
Fuel: 783 gal protected 41 % droppable 59 % external 59 %		<b>TIME TO CLIMB</b> 20.7 Min. to 38,100 ft. Take-off Wt. Military Power

**N O T E S**

1. PERFORMANCE BASIS:  
 (a) Contractor's estimated data  
 (b) Fuel weight is 6.5 pounds per gallon.

2. Engine powers used for performance are:

S.L.S.	Thrust	RPM	ALT
Max (with afterburner):	5300	- 11,750	- S.L.
Mil:	4050	- 11,750	- S.L.
Nor:	3425	- 11,250	- S.L.

3. REVISION BASIS: To show performance data.