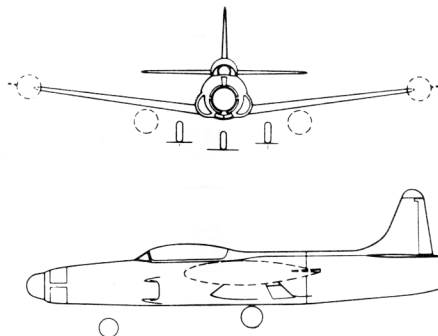
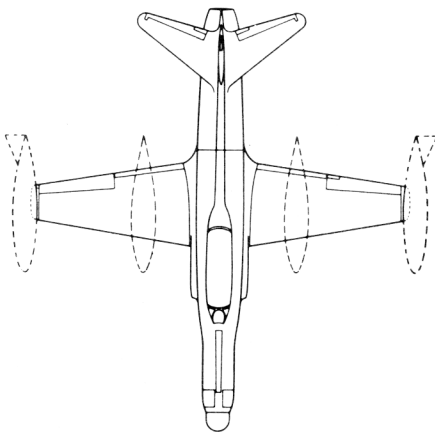


# Characteristics Summary

FIGHTER . . . . . F-94C



LOCKHEED

Wing area . . . . . 232.8 sq ft      Length . . . . . 41.5 ft

Span . . . . . 37.6 ft      Height . . . . . 13.7 ft

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

## STATUS

1. Letter contract approved: March 1950
  2. First flight :(prototype) 18 January 1950
  3. First acceptance & flight: Apr 1951
- Navy Equivalent: None  
Mfr Model: 880-75-13

POWER PLANT	
(1) J48-P-5 Pratt & Whitney	
S.L. Static LB-RPM-MIN	
Max:	*8750-10,900-15
Mil:	6350-10,900-30
Nor:	5250-10,550-Cont
*With afterburner operating ATO	
No. & Model	(2) 12AS1000D4
Mfr	Aerojet
Thrust: (lb ea)	1000
Duration: (sec)	12

FEATURES	
Crew:	2
Instrument Landing Syst.	
Zero Reader	
Hi Press. Oxygen Syst.	
F-5 Auto-Pilot	
Thermal Anti-icing	
Thin Laminar Flow Wing	
Hughes Collision Course Sight	
Jettisonable Seats & Canopy	
AN/APX-6 Radar (I.F.F.)	
Max Fuel Cap:	1270 gal.

ARMAMENT	
Turrets:	None
Guns:	None
Ammunition:	None
Bombs:	2 x 1000 lb
Rockets:	24 x 2.75" and 8 x 5"

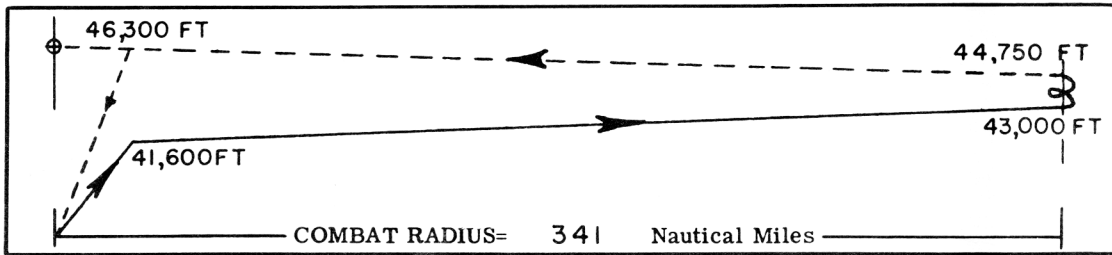
28 JULY 1950

Classification cancelled  
or changed to *Secret*  
with MIL-C-5011A  
24 Jan 52  
AUTH: *[Signature]*  
By *[Signature]*  
Signature and Grade *[Signature]* 8 Dec 1966

CLASSIFICATION CANCELLED  
(OR CHANGED TO *Secret*)  
BY AUTHORITY OF *[Signature]* 25 MAR 55  
INDIVIDUAL OR WRITTEN AUTHORITY  
BY *[Signature]* 25 APR 57  
NAME & GRADE OF INDIVIDUAL MAKING CHANGE (DATE)

2nd Ed 1 March 1951

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



<b>PERFORMANCE</b>		
<b>COMBAT RADIUS</b>	<b>COMBAT RANGE</b>	<b>COMBAT SPEED</b>
<b>341</b> naut. mi with 0 lb payload at 425 knots avg. in 2.04 hours.	<b>1056</b> naut. mi with 0 lb payload at 431 knots avg. in 2.54 hours.	<b>477 (509)</b> <sup>(2)</sup> knots at 35,000 ft alt, max power
		<b>530 (568)</b> <sup>(2)</sup> knots at zero ft alt, max power
<b>CLIMB</b>		
<b>3800</b> fpm sea level, take-off weight normal power	<b>43,400</b> ft 100 fpm, take-off weight normal power	ground run <b>2920 ft</b>   <b>2410 ft</b> no assist   assisted
<b>15,000 (17,400)</b> <sup>(2)</sup> fpm sea level, combat weight maximum power	<b>52,400 (53,400)</b> <sup>(2)</sup> ft 500 fpm, combat weight maximum power	over 50 ft height <b>3900 ft</b>   <b>3140 ft</b> no assist   assisted
<b>LOAD</b>		
Rockets: <b>(24) 2.75''</b> Folding Fin	Empty..... 11,933 lb Combat... 15,920 lb Take - off 18,537 lb limited by space for Basic Mission	<b>125</b> knots flaps down, take-off weight
Fuel: <b>810 gal</b> protected <b>43%</b> droppable <b>57%</b> external <b>57%</b>		<b>TIME TO CLIMB</b> 3.5 min S.L. to 35,000 feet Max Power, Combat wt.

**N O T E S**

- PERFORMANCE BASIS:
  - Manufacturer's estimated data
  - Fuel density: 6.5 lb/gal (JP-3)
- External fuel is expended after 3.1 min of combat. Figures in parentheses describe the airplane with full internal fuel and no tip tanks - 15,247 lb.
- REVISION BASIS: To present manufacturer's latest data.