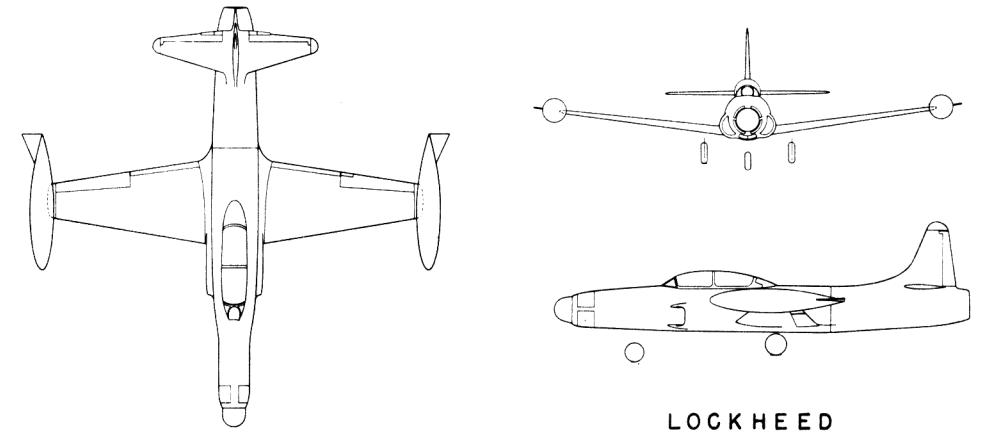


~~Confidential~~
~~SECRET~~

A-1
F-97A/CH-1
PRELIMINARY

Characteristics Summary

FIGHTER F-97A



LOCKHEED

Wing area 238 sq ft Length 41.5 ft
 Span (Minus tanks) 37.6 ft Height 12.7 ft

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

STATUS

- All-weather fighter evolved from F-94A
- Contract has been initiated

POWER PLANT	
(1) J48-P-(?)	Pratt-Whitney
S.L.Static	LB - RPM
Max:	*8750
Mil:	6350
Nor:	5250 (Unknown)
*With afterburner operating	
JATO	
No. & Model	(2)12AS1000D4
Mfr	Aerojet
Thrust lb (ea)	1000
Duration (sec)	12

FEATURES	
Crew:	2
XA-1 Radar (two man)	
Instrument Landing System	
Zero Reader	
Hi Press. Oxygen	
F-5 Auto Pilot	
Thermal Anti-icing	
Hughes Collision Course	
Sight	
Thin Wing	
Jettisonable Seat & Canopy	
Rocket Nose	
AN/APX-6 Radar (IFF)	
Max Fuel Cap:	747 gal

ARMAMENT	
Turrets:	None
Guns:	None
Ammunition:	None
Bombs:	None
Rockets:	24x2.75"
	Folding Fin Type

Classification cancelled
 of this report
 AUTH: AFSG AFHC
 By A. R. Lowman, 3-9-66
 Signature and Grade
 15 Dec 1966
 1 Jambx
 100 DIT 5100.10
 Wing cancelled
 200 Class Guide

Characteristics Summary Basic Mission F-97A

SEE NOTES

|----- COMBAT RADIUS= Nautical Miles -----|

P E R F O R M A N C E		
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
naut. mi	naut. mi	knots at ft alt, max power
with lb payload	with lb payload	MAXIMUM SPEED
at knots avg.	at knots avg.	knots at ft alt, max power
in hours.	in hours.	
C L I M B	C E I L I N G	T A K E - O F F
fpm sea level, take-off weight normal power	ft 100 fpm, take-off weight normal power	ground run ft ft no assist assisted
fpm sea level, combat weight maximum power	ft 500 fpm, combat weight maximum power	over 50 ft height ft ft no assist assisted
L O A D	W E I G H T S	S T A L L I N G S P E E D
Fuel: gal	Empty..... lb	knots flaps down, take-off weight
protected %	Combat... lb	TIME TO CLIMB
droppable %	Take - off lb	
external %	limited by	

N O T E S

1. Performance data not available