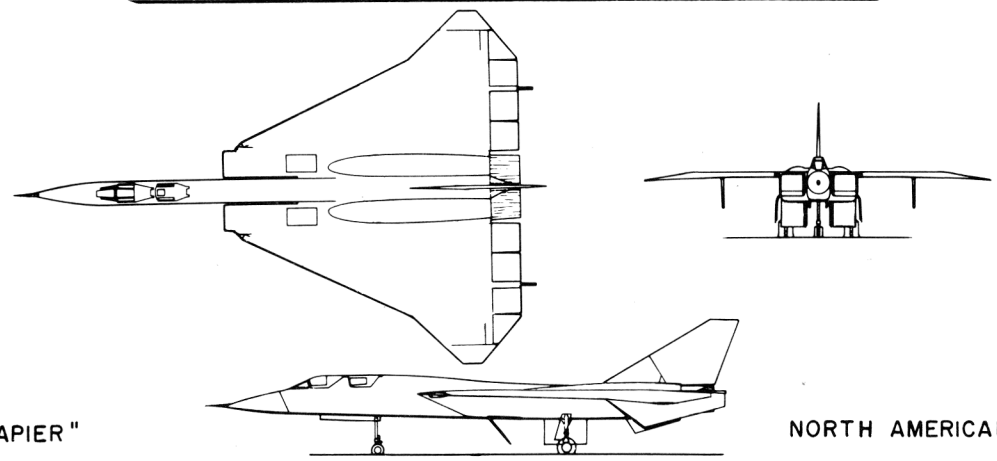


Characteristics Summary

FIGHTER (INTERCEPTOR) F-108 A



Wing Area 1865 sq ft Length 89.2 ft
Span 57.4 ft Height 22.1 ft

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

STATUS	
1. Contract Date: Jun 57 2. Mock-Up Date: Jan 59 3. First Flight: Mar 61 (est)	Mfr's Model: NA-257
Navy Equivalent: None	

POWER PLANT
(2) J93-GE-3AR
General Electric
ENGINE RATINGS
S.L.S. LB - RPM - MIN
Max: 29,300 - 6825 - Cont
Mil: 20,900 - 6825 - Cont
Nor: 18,400 - 6825 - Cont

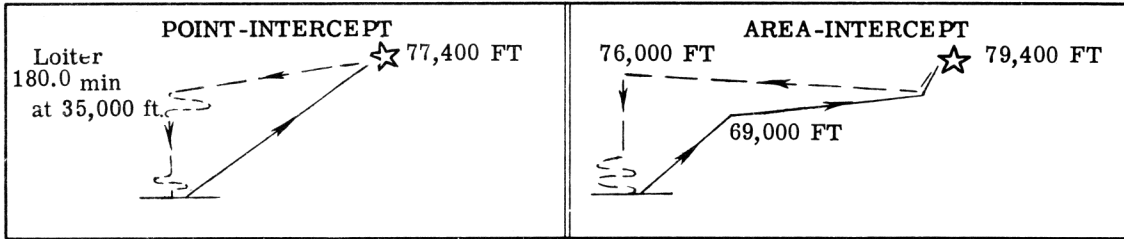
FEATURES
Crew 2
Fire control system provides primary and auxiliary navigation, target search and detection and missile guidance.
Pressurized fuel system
Nitrogen fuel system purging
Liquid oxygen system
Engine thrust reverser
Encapsulated crew seats
Variable geometry inlet ducts
Max fuel capacity: 7109 gal

ARMAMENT
Guns None
Bombs None
Rockets 3 x GAR-9

Classification cancelled
 or changed to *Unclassified*
 AUTH: DoD Dir 5200.10
 By *Christine M. White 23 Jan 13*
 Signature and Grade

DOWNGRADED AT 3 YEAR INTERVALS;
 DECLASSIFIED AFTER 12 YEARS.
 DOD DIR 5200.10
a. R. Jambon 31 Mar 67

Characteristics Summary Basic Mission F-108 A



PERFORMANCE																	
INTERCEPT	FERRY RANGE	S P E E D															
POINT Total Mission Time for Interception at 77,400 ft. Equals 193.6 minutes 887 AREA Nautical Miles at 1721 Knots Average in 1.20 hours	2161 naut. mi. with 7109 gal. fuel at 550 knots avg. in 3.92 hours at 100,094 lb. T.O. wt.	POINT COMBAT 1721 knots at 77,400 ft. alt. max. power MAX 1721 knots at 73,900 ft. alt. max. power BASIC 1526 knots at 50,000 ft. alt. max. power															
C L I M B	C E I L I N G	T A K E - O F F															
POINT 32,600 fpm. at S.L. Take-Off Weight, Max. Power	POINT 73,950 ft. at 100 fpm, Take-Off Weight, Max Power	ground run AREA 2660 ft. _____ ft. no assist assisted															
POINT 39,600 fpm. at S.L. Combat Wt., Max. Pow.	POINT 77,400 ft at 500 fpm, Combat Weight, Max. Power	over 50 ft. height AREA 4275 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															
Rockets 3 x GAR-9 <table border="0"> <tr> <td></td> <td>POINT</td> <td>AREA</td> </tr> <tr> <td>Fuel</td> <td>7109 gal.</td> <td>7109 gal.</td> </tr> <tr> <td>protected</td> <td>0%</td> <td>0%</td> </tr> <tr> <td>droppable</td> <td>0%</td> <td>0%</td> </tr> <tr> <td>external</td> <td>0%</td> <td>0%</td> </tr> </table>		POINT	AREA	Fuel	7109 gal.	7109 gal.	protected	0%	0%	droppable	0%	0%	external	0%	0%	Empty 50,907 lb. Combat 86,253 lb. Point 76,118 lb. Area Take-off 102,533 lb. limited by structure	AREA 128 knots power-off, landing config- uration, take-off weight TIME TO CLIMB POINT ② 8.4 Min. S.L. to 77,400 Ft. Take-off Weight, Max. Power
	POINT	AREA															
Fuel	7109 gal.	7109 gal.															
protected	0%	0%															
droppable	0%	0%															
external	0%	0%															

- N O T E S**
- Performance Basis:
(a) Estimated Data
 - From standing start: includes 1.2 minutes for take-off and acceleration to climb speed.
 - Revision Basis:
To reflect the installation of two J93-GE-3AR engines in the air vehicle.