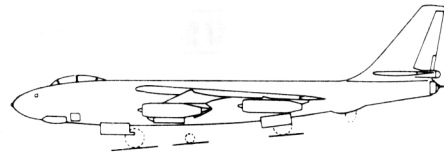
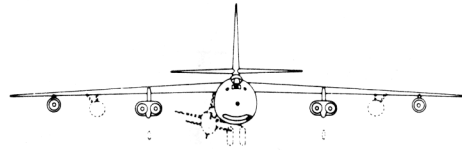
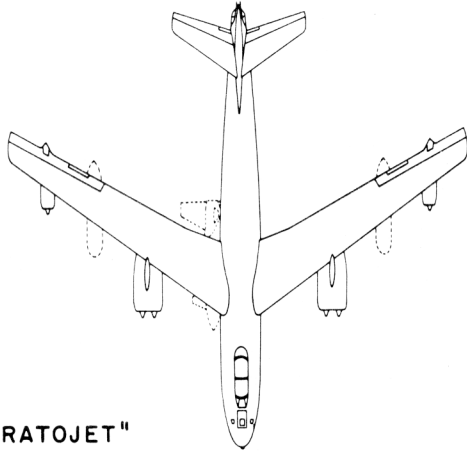


Characteristics Summary

DIRECTOR DB-47E



"STRATOJET"

BOEING

Wing Area 1428 sq ft Length 107.1 ft
Span 116.0 ft Height 28.0 ft

AVAILABILITY

PROCUREMENT

Number available

Number to be delivered in fiscal years

ACTIVE	RESERVE	TOTAL				

STATUS

1. Mockup Inspection: (DB-47) Mar 55
2. Deliver 1st Operation Suitability Test Airplane: (est) Apr 56
3. Deliver 2nd Operational Suitability Test Airplane: (est) May 56

Navy Equivalent: None

Mfr's Model: 450-172-52

POWER PLANT

(6) J47-GE-25
General Electric
ENGINE RATINGS

S.L.S.	LB	-	RPM	MIN
Max:	*7200	-	7950	- 5
Mil:	5970	-	7950	- 5
Nor:	5320	-	7800	- 30

*Wet; water flow of 650 lb/min
ATO
No. & Model (33)14AS1000
Thurst (lb) 33,000
Duration (sec) 14
or
No. & Model (19)15KS1000
Thurst (lb) 19,000
Duration (sec) 15
In both cases, ATO units are
manufactured by Aerojet.

FEATURES

Crew 3
Cabin Pressurization
Thermal Anti-icing
Ejection Seats
MA-8 Bomb-Navigational
System
A-5 Fire Control
Anti-Skid Brakes
Drag Chute
Bailout Spoiler Door
Provisions for Vertical
Camera
Single-Point Ground and Air
Refueling Provisions
Bicycle Landing Gear
AN/ALE-1 Chaff Dispenser

Max Fuel Cap: *18,107 gal
*Includes (2x1700) gal Drop
Tanks

ARMAMENT

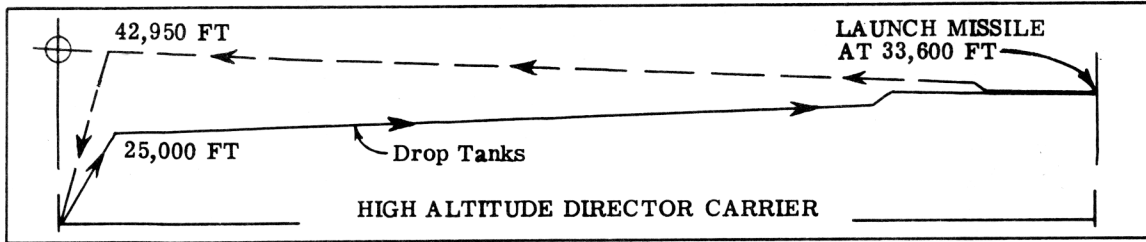
Turrets 1
Guns 2x20mm (M24A1)
Ammunition (tot) . 700 rds

GAM-63 "Rascal" & Guid-
ance Control Equipment
or
Same bomb capabilities as
the B-47E.

Classification cancelled
 or changed to *Unclassified*
 AUTH AFSSC AF/SC Sec. Class Inside you 64
 BY *A. R. Tomblin 1 sep 64*
 Signature and Grade
 BY *A. P. S. d. 16 mar 64*
 (D.M.E.)
 BY AUTHORITY OF *Individual or Written Authority*
 (NAME GRADE OF INDIVIDUAL MAKING CHANGE)

There is a
 Practical Issue
 Duplicate of one in

Characteristics Summary Basic Mission DB-47E



P E R F O R M A N C E		
COMBAT RADIUS	FERRY RANGE	S P E E D
1715 naut. mi with 18,200 lb payload at 426 knots avg. in 8.1 hours.	4095 naut. mi with 17,949 gal fuel at 431 knots avg. in 9.5 hours at 217,278 lb T.O. wt.	COMBAT 485 knots at 33,600 ft alt, mil power MAX 513 knots at 14,600 ft alt, mil power BASIC 482 knots at 35,000 ft alt, mil power
C L I M B	C E I L I N G	T A K E - O F F
1595 fpm sea level, take-off weight normal power	24,800 ft 100 fpm, take-off weight normal power	ground run 11,250 ft no assist 7830 ft assisted
3465 fpm sea level, combat weight military power	38,100 ft 500 fpm, combat weight military power	over 50 ft height 12,850 ft no assist 9250 ft 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
GAM-63A Missile: 18,200 lb Ammo: 700 rds, 20mm Chaff: 845 lb Fuel: 16,910 gal protected 53.6 % droppable 19.8 % external 19.8 %	Empty..... 82,424 lb Combat...130,955 lb Take - off 230,000 lb * limited by structure *Includes 5300 lb water and 7109 lb ATO	167 knots power off, landing configuration, take-off weight less 7109 lb ATO and 5300 lb water T I M E T O C L I M B

N O T E S

1. Performance Basis:
 (a) B-47B and YDB-47E Flight Test Data (YDB-47E reference, WD-13355 "Phase I Flight Testing of the YDB-47E Airplane")

2. Revision Basis:
 Initial Issue

*Property of the Air Force Museum
 Wright-Patterson Air Force Base
 Ohio 45433*