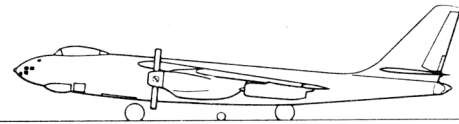
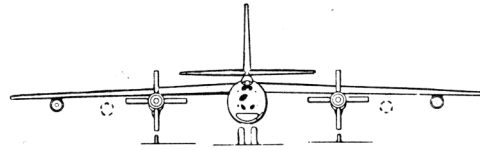
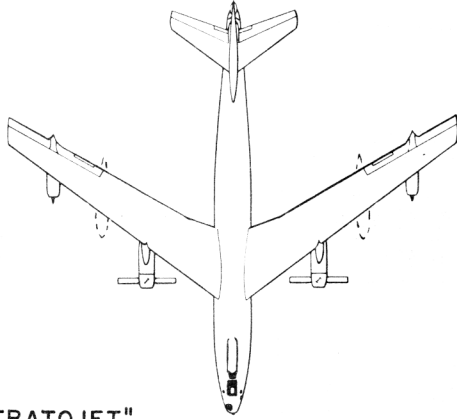


Characteristics Summary

BOMBER XB-47D



"STRATOJET"

BOEING

Ving area 1428 sq ft Length 106.8 ft
 Ving Span 116.0 ft Height 27.9 ft

AVAILABILITY

PROCUREMENT

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

STATUS

- | | |
|------------------------------|----------------------------------------------|
| 1. Design Initiated: Feb 51 | 5. First Acceptance: Feb 56 (est) |
| 2. Contract Approval: Apr 51 | 6. Phase II contract for one prototype only. |
| 3. Mock-up: Jan 52 | 7. XB-47D developed from B-47B |
| 4. First Flight: Jul 55 | |
- Navy Equivalent: None Mfr's Model: 450-162-28

POWER PLANT

(2) YT49-W-1
Wright
ENGINE RATINGS

S.L.S. SHP - LB - RPM - MIN
 T.O. 8500 - 3025 - 8000 - 5
 Mil: 8500 - 3025 - 8000 - 30
 Nor: 7700 - 2600 - 7700 - Cont

plus

(2) J47-GE-23
General Electric

S.L.S. LB - RPM - MIN
 Max: *5910 - 7950 - 5
 Mil: *5620 - 7800 - 30
 Nor: *5270 - 7630 - Cont

* No inlet screens

FEATURES

Crew 3
 Cabin Pressurization
 Bicycle Landing Gear
 Reverse Thrust Props
 Anti-skid Brakes
 Emergency Braking Parachute
 Thermal Anti-icing

Single-Point Ground Refueling
 Prov. for External Drop Tanks
 Max Fuel Capacity: 13,979gal

ARMAMENT

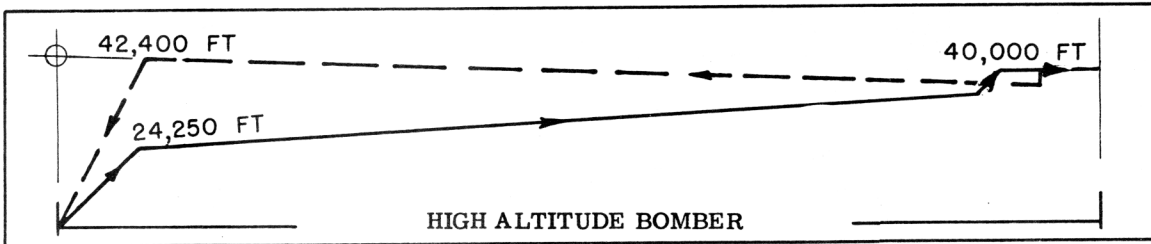
NONE
(See "Note c")

Deleted, 4/14/54, Add No 25, 1 Jun 57
 Deleted, 5/14/54, 1 Jul 57

Classification cancelled (Confidential) or change to ~~Secret~~
 AUTH: AFSC AF DC Sec Class Guide 1 Jan 64
 BY: G. R. Lombardi 1 April 64
 23 Feb 1967 8 Jan 68
 Signature and Grade

4 Ed addn# 7

Characteristics Summary Basic Mission XB-47D



PERFORMANCE (SEE NOTE c)		
COMBAT RADIUS	FERRY RANGE	S P E E D
2717 naut. mi with 10,000 lb payload at 402 knots avg. in 13.7 hours.	5759 naut. mi with 13,979 gal fuel at 402 knots avg. in 14.5 hours at 174,428 lb T.O. wt.	COMBAT 461 knots at 40,000 ft alt, max power MAX 519 knots at 13,500 ft alt, max power BASIC 479 knots at 35,000 ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
2910 fpm sea level, take-off weight normal power	33,750 ft 100 fpm, take-off weight normal power	ground run 4850 ft no assist — ft assisted
5140 fpm sea level, combat weight maximum power	41,500 ft 500 fpm, combat weight maximum power	over 50 ft height 7320 ft no assist — 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
Bombs: 10,000 lb Fuel: 13,979 gal protected 100 % droppable 0 % external 0 %	Empty..... 79,800 lb Combat... 121,850 lb Take - off 184,428 lb limited by space	154 knots power-off, landing config- uration, take-off weight
		T I M E T O C L I M B

N O T E S

1. Performance Basis:

- (a) Estimated data plus B-47B Flight Test
- (b) Take-off weight as per Detail Specification D-12250 dated 1 Feb 1952 but as yet not substantiated by WADC.
- (c) Airplane is to be delivered as a test bed with no tactical equipment. However, performance data is based on the airplane with tactical equipment installed.

2. Revision Basis: To reflect change in engine ratings and stalling speed.

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 Wright-Patterson Air Force Base
 Ohio 45433
 19 JUL 55