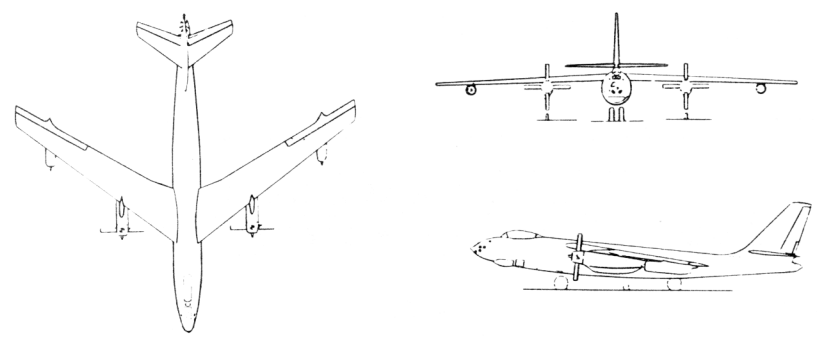


Characteristics Summary

BOMBER XB-47D



BOEING

Wing area.....1428 sq ft Length.....106.8 ft
Wing Span..... 116.0 ft Height..... 27.9 ft

AVAILABILITY			P R O C U R E M E N T			
Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

S T A T U S	
1. Design Initiated: Feb 51	5. First Acceptance: Feb 54 (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: Aug 53 (est)	
Navy Equivalent: None	Mfr's Model:

P O W E R P L A N T
(2) YT49-W-1 Wright ENGINE RATINGS
S.L.S. SHP - LB - RPM - MIN
T.O. 9000 - 3450 - 8000 - 5
Mil: 9000 - 3450 - 8000 - 30
Nor: 8250 - 3000 - 7700 - Cont
plus
(2) J47-GE-23 General Electric
S.L.S. LB - RPM - MIN
Max: *6090 - 7950 - 5
Mil: *5850 - 7800 - 30
Nor: *5590 - 7630 - Cont
* No inlet screens

F E A T U R E S
Crew: 3
Cabin Pressurization
Bicycle Landing Gear
Reverse Thrust Props
Anti-skid Brakes
Emergency Brakes Parachute
Thermal Anti-icing
Bombing & Navigation Radar
Single Point Ground and Air to Air Refueling
Max Fuel Cap: 17,325 gal

A R M A M E N T
Turrets: 1
Guns: 2 x 20mm
Ammunition(total) 600 rds
Max Bomb Load: 1x22,000lb
Max Bomb Size: 22,000 lb
Note: Airplane is to be delivered as a test bed with no tactical equipment. Performance data shown is based on the airplane with tactical equipment installed.

Remind to reflect latest performance and conform to MIL-C-5011A
 13 JAN 53

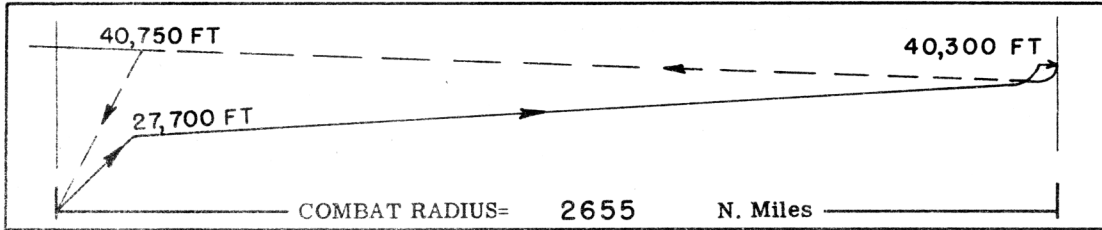
Classification cancelled or changed to: *Unclassified*
 AUTH: AFSC AF 46 Sec Class. Guide 1 Jun 64
 BY: A.R. Lovelorn 1 Apr 64
 Signature and Grade: 20 Feb 67

3rd Ed

13 March 53

5377C-7200

Characteristics Summary Basic Mission XB-47D



PERFORMANCE

COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
2655 naut. mi with 10,000lb payload at 380 knots avg. in 14.15 hours.	5155 naut. mi with 10,000 lb payload at 380 knots avg. in 13.65 hours.	479 knots at 35,000 ft alt, max power MAXIMUM SPEED 522 knots at 12,000 ft alt, max power
CLIMB	CEILING	TAKE-OFF
3300 fpm sea level, take-off weight maximum power	35,600 ft 100 fpm, take-off weight maximum power	ground run 4950 ft no assist — ft assisted
5350 fpm sea level, combat weight maximum power	41,300 ft 500 fpm, combat weight maximum power	over 50 ft height 6250 ft no assist — ft assisted
LOAD	WEIGHTS	STALLING SPEED
Bombs: 10,000 lb Fuel: 13,019 gal protected 100 % droppable 0 % external 0 %	Empty..... 81,990 lb Combat... 123,200 lb Take - off 180,000 lb limited by strength	140 knots flaps down, take-off weight TIME TO CLIMB —————

NOTES

- PERFORMANCE BASIS:
 - Estimated data (not substantiated by VADC)
 - J47-GE-23 engines inoperative during cruise
 - Performance as shown is for XB-47D after installation of tactical equipment
- REVISION BASIS: Initial Issue (Based on MIL-C-5011)

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Ohio 45433
NOVEMBER 1952