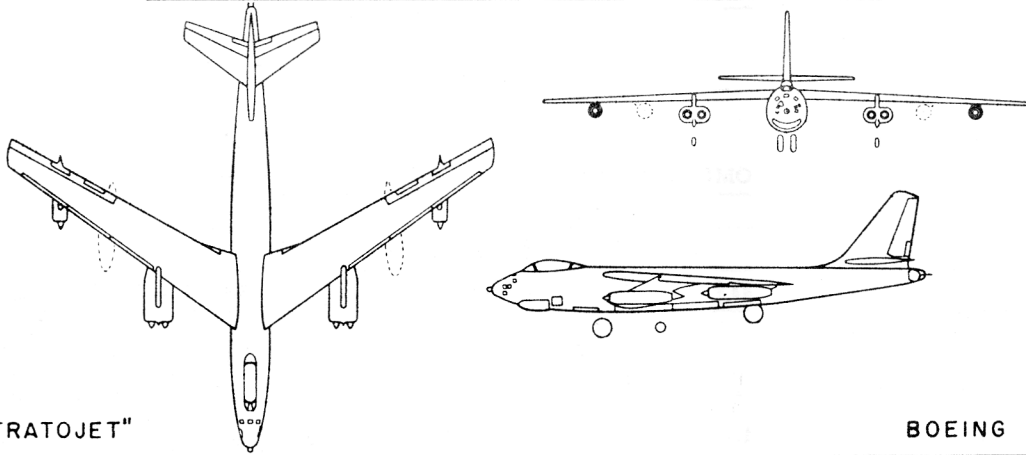


Characteristics Summary

BOMBER B-47B



"STRATOJET"

BOEING

Wing area1428 sq ft Length106.7 ft
 Span116 ft Height 27.9 ft

AVAILABILITY

PROCUREMENT

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

STATUS

1. Design initiated: Sep 48 3. First acceptance: Mar 51 (est.)
 2. First flight: 27 Feb 51 (est.)
 Navy Equivalent: None Mfr Model: 450-11-10

POWER PLANT

(6) J47-GE-11
 General Electric

ENGINE RATINGS
 S.L.Static LB-RPM-MIN
 Max: 5200-7950- 5
 Mil: 5200-7950- 30
 Nor: 4730-7630- Cont.
 ATO

(1) Aerojet.....(18)14AS1000
 Thrust (lb).....Tot.18,000
 Duration (sec)..... 14
 or
 (1) Aerojet.....(18)15KS1000
 Thrust (lb)..... Tot.18,000
 Duration (sec)..... 15

FEATURES

Crew: 3
 Thermal Anti-icing
 Bombing-Navig.Radar, K-2A
 A-2 Fire Control System
 Gun-Laying Radar
 Anti-Skid Brakes
 Braking Parachute
 Bail-out Spoiler Door
 Internal Fuel Tank Purging
 Provisions for Vertical Cam-
 era
 Single-Point Ground & Air
 Refueling Provisions
 Max Fuel Cap: 16,553 gal
 ATO Fuel (JP-3) 558 gal

ARMAMENT

Turrets: 1
 Guns: 2x.50 cal
 Ammunition(tot.): 1200 rds
 Max Bomb Load: 1x22,000 lb
 Max Bomb Size: 22,000 lb

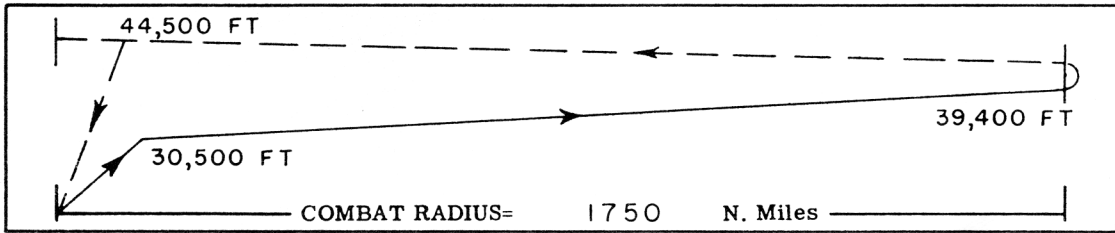
Classification cancelled
 or changed to *Unclassified*
 AUTH: AFSC AF 46 Dec Class Sub
 By *A.P. Samelson* 1 April 1964
 Signature and Grade
 13 Dec 1966

1 Jul 55
16 May 53

CLASSIFICATION CANCELLED
 (OR CHANGED TO *Unclassified*)
 BY AUTHORITY: *C. S. ...*
 BY *Celice E. Van der ...* 17 Apr 59
 (NAME & GRADE OF INDIVIDUAL MAKING CHANGE)

Report #1
2nd Ed
1 March 1951

Characteristics Summary Basic Mission B-47B



P E R F O R M A N C E		
C O M B A T R A D I U S	C O M B A T R A N G E	C O M B A T S P E E D
1750 naut. mi with 10,000 lb payload at 431 knots avg. in 8.3 hours.	3360 naut. mi with 10,000 lb payload at 431 knots avg. in 8.0 hours.	486 (c) knots at 35,000 ft alt, max power
		M A X I M U M S P E E D
		537 (d) knots at 10,800 ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
2650 fpm sea level, take-off weight normal power	33,500 ft 100 fpm, take-off weight normal power	ground run 9400 ft no assist 7500 ft assisted
5200 fpm sea level, combat weight maximum power	41,500 ft 500 fpm, combat weight maximum power	over 50 ft height 10,820 ft no assist 8860 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 Ammunition: 1200 rds/.50 cal	Empty..... 77,830 lb Combat... 121,800 lb Take - off 181,440 lb limited by strength	137 knots flaps down, take-off weight
Fuel: 12,770 gal protected 0 % droppable 0 % external 0 %		T I M E T O C L I M B

N O T E S

- PERFORMANCE BASIS:
 - Estimated data
 - Fuel density: 6.8 lb/gal (JP-1)
 - Limited by buffeting
 - Limited by strength
- REVISION BASIS: To reflect changes in "Status" and "Power Plant" blocks.
- Liquid rockets will be used at ATO when available

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