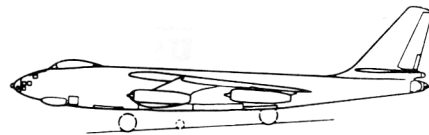
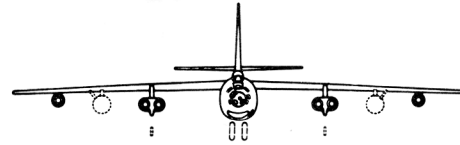
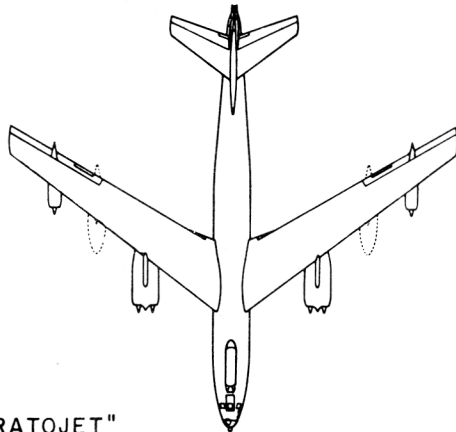


*A1
B-47E/char*

Characteristics Summary

BOMBER B-47E

Review E incorporate details might be ATO loading 10 July 56



"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

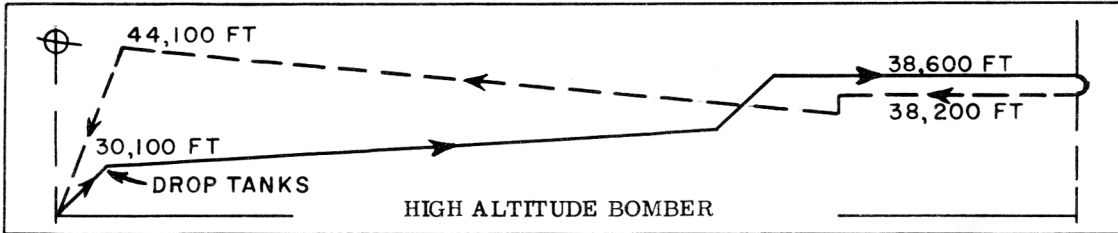
- The B-47E differs from the B-47B by the installation of the J47-GE-25 engine and strengthening of landing gear to permit heavier T.O. weight.

Navy Equivalent: None

Mfr's Model: 450-157-35

POWER PLANT	FEATURES	ARMAMENT
(6)J47-GE-25 General Electric ENGINE RATINGS S.L.S. LB - RPM - MIN Max: *7200 - 7950 - 5 Mil: 5970 - 7950 - 5 Nor: 5670 - 7800 - 30 *wet with water flow of 650 lb/min ATO No. & Model . * † (33)14AS1000 Thrust (lb) 33,000 Duration (sec) 14 or No. & Model . † (19)15KS1000 Thrust (lb) 19,000 Duration (sec) 15 †Manufactured by Aerojet *See note e, Notes block	Crew 3 Thermal Anti-icing K-4A Bombing-Navigation System A-5 Fire Control System Anti-Skid Brakes Approach Chute Braking Chute Ejection Seats Internal Fuel Tank Purging (1) K-38 or Alternate Vertical Camera Single-Point and Air Refueling External Droppable ATO Rack Max Fuel Cap: *18,000 gal *Includes wing drop tanks and large ATO tank	Turrets: 1 Guns: 2 x 20mm (M.24A1) Ammunition: . . . 700 rds(tot) BOMBS: (Max) Class (lb) Load SHORT BOMB BAY Interim: *3x2000 14x 500 (M.-123) † 3x2000 3x2000 New *7x 750 7x 750 Series: † 4x 750 4x 750 LONG BOMB BAY Interim: *6 x 2000/18 x 1000 New Series: 1 x 12,000/21 x 750 Special Stores: 1 x 10,000/1 x 10,000 *Hi-Density Kit/†Lo-Density

Characteristics Summary Basic Mission B-47E



PERFORMANCE		
COMBAT RADIUS	FERRY RANGE	S P E E D
1780 naut. mi with 10,000 lb payload and 720 lb chaff at 433 knots avg. in 8.30 hours.	4095 naut. mi with 16,370 gal fuel at 433 knots avg. in 9.53 hours at 200,000 lb T.O. wt.	COMBAT 485 knots at 38,600 ft alt, max power MAX 497 ^(c) knots at 20,000 ft alt, BASIC 491 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
2110 ^(d) fpm sea level, take-off weight normal power	31,500 ^(d) ft 100 fpm, take-off weight normal power	ground run 8050 ft no assist 5650 ft assisted
4740 fpm sea level, combat weight maximum power	40,800 ft 500 fpm, combat weight maximum power	over 50 ft height 9450 ft no assist 7100 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 Chaff: 720 lb Ammunition:.. 700 rds/20mm Fuel: 14,720 gal protected 69 % droppable 9 % external 9 %	Empty..... 78,620 lb Combat... 123,080 lb Take - off 200,000 lb (2) limited by strength	157 knots power-off, landing config- uration, take-off weight TIME TO CLIMB _____

NOTES	
1. Performance Basis: (a) Flight test data (b) All approved weight reduction items incorporated (c) Placard Speed (d) Values quoted are for T.O. weight less ATO, water and alcohol (e) (33) 14AS1000 ATO bottles can be utilized with or without displacement racks however the displacement rack must be utilized in carrying the max complement of (19) 15KS1000 2. Includes 4610 lb ATO and 5300 lb water and alcohol. 3. Revision Basis: To reflect changes in characteristics and security classification.	

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