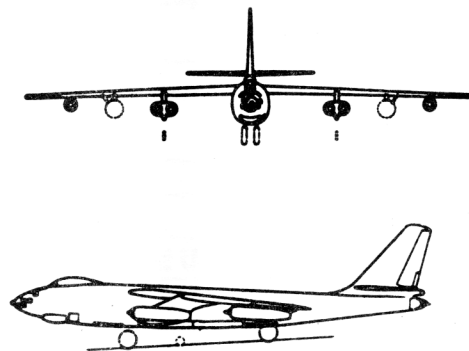
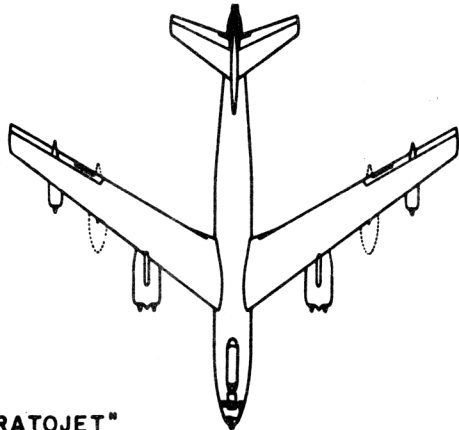


*AI
B-47E /char*

Characteristics Summary

BOMBER B-47E II



"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. Performance and Characteristics shown for the B-47E-II is representative of the Basic B-47E Airplane.
2. Engine change and landing gear modifications that have been made to B-47B-I aircraft closes the gap in the aircraft capability differential between the B-47B-I and the B-47E-II.

Navy Equivalent: None

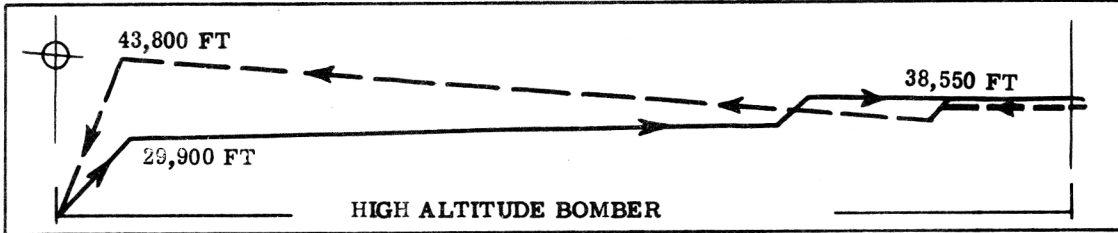
Mfr's Model: 450-157-35

POWER PLANT				
	(6) J47-GE-25, - 25A General Electric			
	ENGINE RATINGS			
S.L.S.	LB	RPM	MIN	
Max:	*7200	- 7950	5	
	5970	- 7950	5	
Mil:	5670	- 7800	30	
Nor:	5320	- 7630	Cont	
*wet	with water flow of 650 lb/min ATO			
Nr & Model	*(M-15)(30)16NS1000			
Thrust (lb)	30,000			
Duration (sec)	16			
	or			
Nr & Model (19)15KS1000			
Thrust (lb)	19,000			
Duration (sec)	15			
*see note (f) Notes block				

FEATURES	
Crew 3
Thermal anti-icing	
MA-7A bombing navigation system	
A-5 or MD-4 fire control system	
Anti-skid brakes	
Approach chute	
Braking chute	
Ejection seats	
(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	

ARMAMENT		
Turrets: 1	
Guns: 2 x 20mm (M24A1)	
Ammunition: 700 rds (tot)	
BOMBS: (Max)		
	Class (lb)	Load
SHORT BOMB BAY		
Interim: *3x2000		14x500 (M-123)
	† 3x2000	3x2000
New	*7x 750	7x 750
Series:	† 4x 750	4x 750
*Hi-Density Kit † Lo-Density		

Characteristics Summary Basic Mission . . . B-47 E II



P E R F O R M A N C E		
C O M B A T R A D I U S	F E R R Y R A N G E	S P E E D
1749 naut. mi with 10,845 lb payload at 433 knots avg. in 8.1 hours.	4035 naut. mi with 16,318 gal fuel at 433 knots avg. in 9.4 hours at 200,000 lb T.O. wt.	COMBAT 484 knots at 38,550 ft alt, max power MAX (e) 527 knots at 16,300 ft alt, max power 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
2430 fpm sea level, take-off weight normal power	33,100 ft 100 fpm, take-off weight normal power	ground run 7900 ft ^(c) 6200 ft ^(d) no assist assisted
4660 fpm sea level, combat weight maximum power	40,500 ft 500 fpm, combat weight maximum power	over 50 ft height 9400 ft ^(c) 7600 ft ^(d) no assist 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: 845 lb Ammunition: 700 rds/20mm Fuel: 14,610 gal protected 69.5 % droppable 0 % external 0 %	Empty..... 80,756 lb Combat... 124,875 lb Take - off 198,180 lb ^(b) limited by internal fuel capacity.	152.3 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
<p>1. Performance Basis:</p> <ul style="list-style-type: none"> (a) Flight test data (b) Values quoted are for take-off weight less 3207 lb ATO and 5300 lb water-alcohol. (c) With medium flow water injection. (d) With medium flow water injection and (19) 15 KS1000 ATO bottles. (e) Placard speed (f) Displacement rack must be used in carrying (19) 15KS1000 (Aerojet) ATO bottles or (30) 16NS1000 (Phillips Petroleum) ATO bottles. <p>2. Revision Basis: Data coordinated by OCAMA.</p>