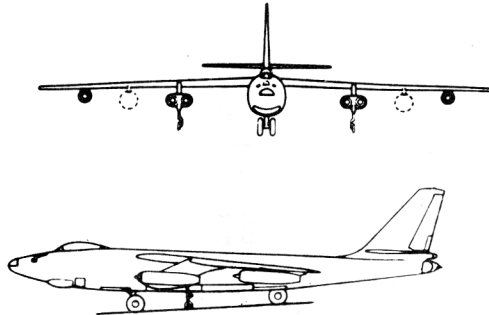
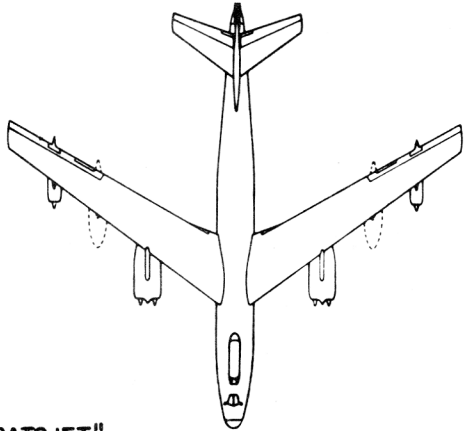


*A1
(R) B-47E/char*

Characteristics Summary

RECONNAISSANCE RB-47E -



"STRATOJET"

BOEING

Wing Area 1428 sq ft Length 109.8 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 RB-47E differs from the RB-47B by the installation of the J47-GE-25 engine and strengthening of landing gear to permit heavier T.O. weight.

Navy Equivalent: None

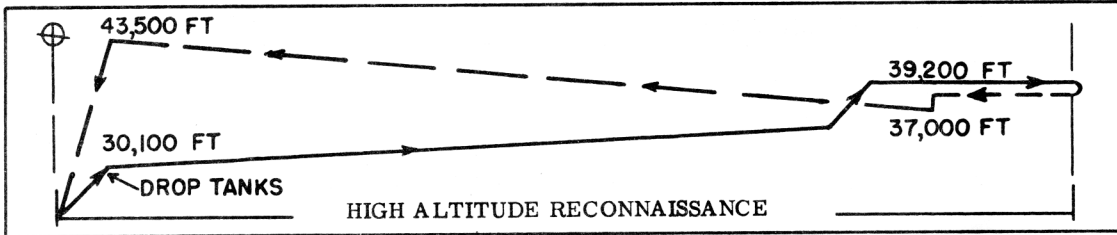
Mfr's Model: 450-158-36

POWER PLANT	
(6)J47-GE-25 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 *650lb/min ATO	
Nr & Model	. . . †(19) 15KS1000
Thrust (lb) 19,000
Duration (sec) 15
†Manufactured by Aerojet *See note e, Note block	

FEATURES	
Crew 3
Thermal Anti-icing	
MB-1A Bombing- Navigation System	
A-5 Fire Control System	
Anti-Skid Brakes	
Approach Chute	
Braking Chute	
Ejection Seats	
Single-Point and Air Re- fueling	
External Droppable ATO Rack	
Max Fuel Cap:	*18,280 gal
*Includes wing drop tanks	

ARMAMENT	
Turrets: 1
Guns:	. . . 2x20mm(M24A1)
Ammunition (tot):	. . 700 rds
PHOTO. EQUIP.	
Vertical Camera Station	
(1) K-38; *(1) K-37; *(1) T-11	
Tri-Camera Station	
(3) KA-3	
Forward Oblique Station	
(1) K-38	
Split Vertical Station	
(2) K-38; *(K-37)	
Flash Bombs: . . 10/M-120 plus	
Photoflash Cart. 200/M-112	
*Alternate Installations	

Characteristics Summary Basic Mission RB-47E



PERFORMANCE

COMBAT RADIUS	FERRY RANGE	S P E E D	
1915 naut. mi with 720 lb chaff at 433 knots avg. in 8.92 hours.	3935 naut. mi with 15,969 gal fuel at 433 knots avg. in 9.15 hours at 200,000 lb T.O. wt.	COMBAT 478 knots at 39,200 ft alt, max power	MAX 497 (c) knots at 20,000 ft alt, max power
C L I M B	C E I L I N G	TAKE - OFF	
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
4470 fpm sea level, combat weight maximum power	39,800 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	STALLING SPEED	
Chaff: 720 lb Ammunition: .700 rds/20mm	Empty.... 81,100 lb Combat... 130,180 lb Take - off 200,000 lb (2) limited by structure	157 knots power-off, landing config- uration, take-off weight	
Fuel: 15,858 gal protected 63 % droppable 8 % external 8 %		TIME TO CLIMB	

N O T E S

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) The displacement rack must be utilized in carrying maximum complement of (19) 15KS1000.
2. Includes 4610 lb ATO and 5300 lb water and alcohol
3. Revision Basis: Data reCOORDINATED by OCAMA.

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