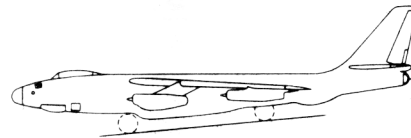
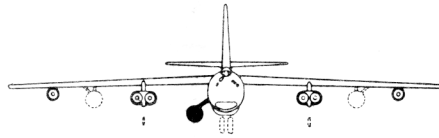
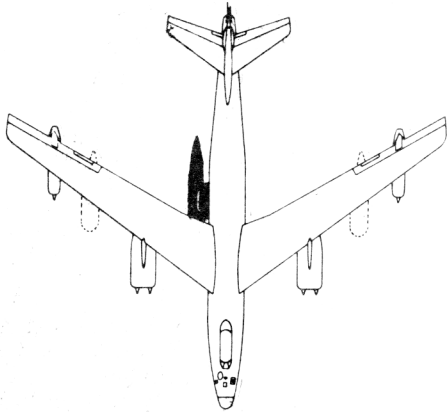


A-1
(R) B-47H/CHA
SERVICE

Characteristics Summary

RECONNAISSANCE RB-47H



"STRATOJET"

BOEING

Wing Area 1428 sq ft Length 108.7 ft
Span 116.3 ft Height 28.0 ft

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

STATUS

1. RB-47H airplane was designed to accomplish Electronic Reconnaissance.
2. Design initiated: Jan 59
3. First flight: Aug 60

Navy Equivalent: None

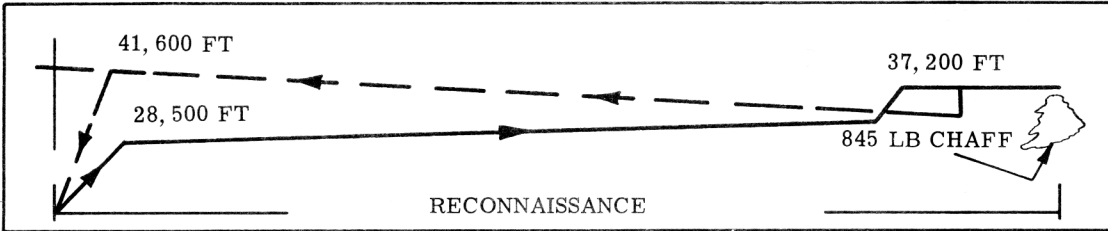
Mfr's Model: 450-172-52

POWER PLANT			
(6) J47-GE-25 General Electric			
ENGINE RATINGS			
SLS	LB	- RPM	- MIN
Max:	*7200	- 7950	- No
	5970	- 7950	- time
Mil:	5670	- 7800	- limit
Nor:	5320	- 7630	-
*wet with water flow of *650 lb/min, 75 seconds duration			

FEATURES	
Crew	6
Thermal Anti-icing	
AN/ASQ-51 bombing	
navigational system radar	
A-5 fire control system	
Anti-skid brakes	
Approach chute	
Braking chute	
Ejection seats	
Single-point and air refueling	
ELREC equipment	
Max fuel cap:	*18,402 gal
*Includes wing drop tanks, ATO tank and modified fwd aux. tanks	

ARMAMENT	
Turrets	1
Guns	2x20mm(M24A1)
Ammunition (tot)	700 rds

Characteristics Summary Basic Mission RB-47H



PERFORMANCE		
COMBAT RADIUS	FERRY RANGE	S P E E D
1520 naut. mi with 845 lb payload at 424 knots avg. in 6.4 hours.	(b) 3403 naut. mi with 18,402 gal fuel at 429 knots avg. in 7.51 hours at 218,728 lb T.O. wt.	COMBAT 460 knots at 37,200 ft alt, mil power MAX 516 knots at 15,600 ft alt, mil power BASIC 472 knots at 35,000 ft alt, 98% RPM
C L I M B	C F I L I N G	T A K E - O F F
2500 ^(f) fpm sea level, take-off weight 98% RPM	31,500 ^(f) ft 100 fpm, take-off weight 98% RPM	ground run 7800 ^(e) ft _____ ft no assist assisted
3700 ^(f) fpm sea level, combat weight 98% RPM	37,600 ^(f) ft 500 fpm, combat weight 98% RPM	over 50 ft height 9300 ^(e) ft _____ ft 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
Ammo: . . . 700 Rd 20mm Chaff: 845 lb Fuel: (a) 14,850 gal protected 47.2 % droppable 18.5 % external 18.5 %	Empty..... 89,230 lb (d) Combat... 139,000 lb (d) Take - off 195,133 lb limited by capacity (c) (d)	156 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

1. Performance Basis: WFT 896 flight test report and Boeing document WD-3600, "B-47 Aerodynamic Analysis of the Silver King Flight Test."
Basic mission fuel computed without wing tanks
(b) Ferry Range computed with wing tanks to show maximum range
(c) Includes 5300 lb of water and fuel used in taxi and ground roll to take-off.
(d) Includes pod and strut
(e) Water/alcohol augmentation
(f) Take-off weight minus water/alcohol and fuel for taxi and ground roll

2. Revision Basis:
(a) These data replace data shown for RB-47H in SAC/chart dated 16 Sep 60
(b) Performance changes are due to installation of pod and strut on the fuselage below right wing.
(c) Data coordinated by OCAMA, Jul 63