

Unclassified

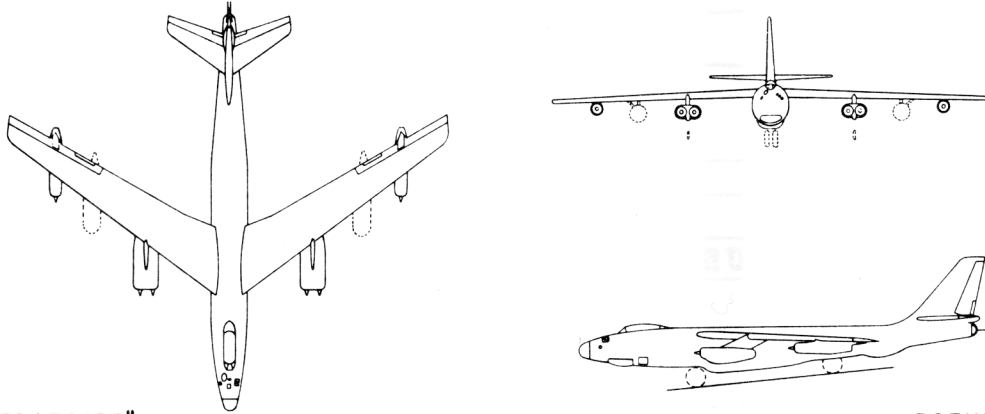
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A-1
(R) B-47H/char
SERVICE

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: Aug 53
3. First Flight: Jun 55

Navy Equivalent: None

Mfr's Model: 450-172-52

POWER PLANT

(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
	5320	- 7630	-	Cont

*wet
 with water flow of *650lb/min
 ATO

Nr. & Model. *†(33)14AS1000
 33,000
 Thrust (lb) 27,000
 Duration (sec) 14
 or
 Nr & Model ...†(19)15KS1000
 Thrust 19,000
 Duration (sec) 15
 † Manufactured by Aerojet
 *See note (b), Note block

FEATURES

Crew 6
 Thermal Anti-icing
 AN-APQ-31A Navigation
 Radar
 A-5 Fire Control System
 Anti-Skid Brakes
 Approach Chute
 Braking Chute
 Ejection Seats
 Internal Fuel Tank Purging
 Single-Point and Air Re-
 fueling
 External Droppable ATO
 Rack
 ECM Equipment

Max Fuel Cap: *18,370 gal

*Includes wing drop tanks & large ATO tank

ARMAMENT

Turrets 1
 Guns 2x20mm(M.24A1)
 Ammunition(tot): 700 rds

25 SEP 56

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RB-47H

57WC4983

Actual Issue
Duplicate in Black Book

CLASSIFICATION CANCELLED
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 AUTH: AFSC AF AC Sec. Class Guide
 By C. R. Somelorn 10/15/64
 Signature and Grade

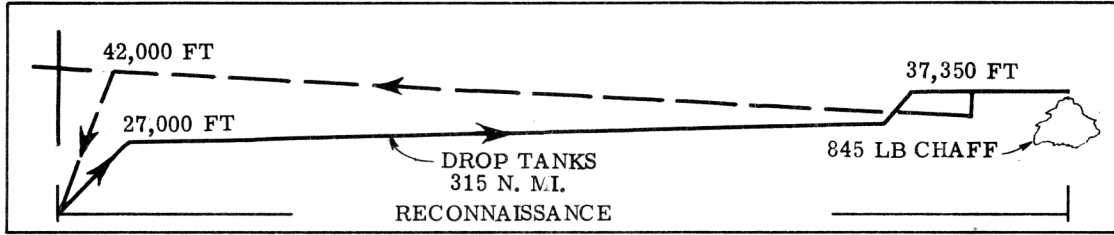
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Characteristics Summary Basic Mission RB-47H



PERFORMANCE

COMBAT RADIUS	FERRY RANGE	S P E E D	
1942 naut. mi with 845 lb payload at 425 knots avg. in 9.43 hours.	(c) 3935 naut. mi with 18,370 gal fuel at 425 knots avg. in 9.39 hours at 220,000 lb T.O. wt.	COMBAT 479 knots at 37,350 ft alt, mil power	MAX 523 knots at 15,600 ft alt, mil power
		BASIC 486 knots at 35,000 ft alt, mil power	
CLIMB	CEILING	TAKE - OFF	
1839 fpm sea level, take-off weight normal power	27,600 ft 100 fpm, take-off weight normal power	ground run	
		10,100 ft no assist	6900 ft assisted
3960 fpm sea level, combat weight military power	37,900 ft 500 fpm, combat weight military power	over 50 ft height	
		11,700ft no assist	8350ft assisted
LOAD	WEIGHTS	STALLING SPEED	
Ammo: . . . 700 Rd 20mm Chaff: 845 lb	Empty..... 83,642 lb Combat... 136,955 lb Take - off 220,600 (d)lb limited by capacity	162 knots power-off, landing config- uration, take-off weight	
Fuel: 18,370 gal		TIME TO CLIMB	
protected 47.2%		_____	
droppable 18.5%			
external 18.5%			

N O T E S

- Performance Basis:
 - RB-47H flight test data (June, 1956) and AFFTC-TN-55-22 "RB-47H limited phase IV performance evaluation." (Not substantiated by WADC)
 - (33)14AS1000 ATO bottles can be utilized with or without displacement racks; however displacement rack must be used in carrying (19) 15KS1000 and (30) 16NS1000 ATO bottles.
 - 845 lb of chaff carried, but is not released during the mission.
 - Includes 5300 lb water and 2706 lb ATO propellant, 509 lb rack and 3894 lb bottles.
- Revision Basis: Initial Issue

Classified and cancelled
 AUTH: *James P. 16/10/59*
 By: *James P. AFM/PT 12/5/60*

CLASSIFICATION CANCELLED
 (OR CHANGED TO *Unclassified*)
 BY AUTHORITY OF *DDO 01X50010*
 (INDIVIDUAL OR WRITTEN AUTHORITY)
 BY *A.R. Southern* 7 Oct 68
 (DATE)

RB-47H

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25 SEP 56