

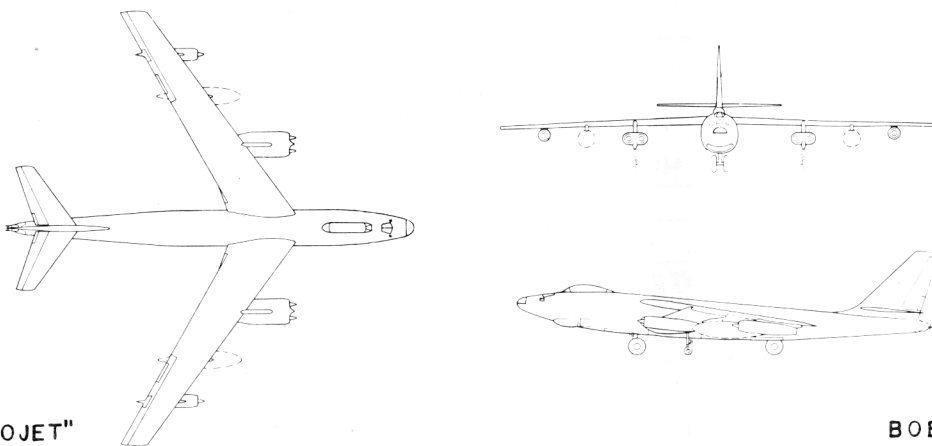
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A-1
(CR) B-47B/chan
SERVICE

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Characteristics Summary

RECONNAISSANCE RB-47B



"STRATOJET"

BOEING

Wing Area 1428 sq ft Length 106.8 ft
Span 116.0 ft Height 27.9 ft

AVAILABILITY

PROCUREMENT

| Number available | | | Number to be delivered in fiscal years | | | |
|------------------|---------|-------|--|--|--|--|
| ACTIVE | RESERVE | TOTAL | | | | |
| | | | | | | |

STATUS

- Design Initiated: Mar 51
- First Flight: Mar 53 (est)
- First Delivery: Jul 53 (est)
- Differs from the B-47B by the addition of photo equipment and associated structural changes.

Navy Equivalent: None

Mfr's Model: 450-126-29

POWER PLANT

(6) XJ47-GE-25
ENGINE RATINGS
S.I.S. LB - RPM - MIN
Max: *7000 - 7950 - 5
6000 - 7950 - 5
Mil: 5700 - 7800 - 30
Nor: 5350 - 7630 - Cont
* Wet
ATO
No. & Model(18) 14AS1000
Mfr Aerojet
Thrust (lb)..... 18,000
Duration (sec)..... 14
or
No. & Model(18) 15KS1000
Mfr Aerojet
Thrust (lb)..... 18,000
Duration (sec)..... 15

FEATURES

Crew: 3
Cabin Pressurization
Thermal Anti-icing
Bicycle Landing Gear
Bombing-Navigation Radar
Gun-Laying Radar
Anti-skid Brakes
Braking Parachute
Single-Point Ground and Refueling Provisions
Air Refueling
Max Fuel Cap: 17,779 gal

ARMAMENT

Turrets: 1
Guns: 2 x 20 mm
Ammunition (tot.) 700 rds
PHOTOGRAPHIC EQUIP.
Vertical Camera Station
1 K-38; *(K-17C;K-22A;T-11)
Tri-Camera Station
3 KA-3* (K-46;T-11)
Forward Oblique Station
1 K-38; *(K-22A;K-17C)
Split Vertical Station
2 K-38 *(K-37)
— ILLUMINANTS —
Flash Bombs: plus 10xM-120
Photoflash Cart. 200xM112
*Alternate Installations

Classification cancelled

or changed to Unclassified

AUTH: AFSC-AFBC Sec. Order 1 Jan 64

By: a. R. Longborn 1 Apr 64 DAB Dir 5200.10

Signature and Grade

13 Dec 1966

15 OCTOBER 1952

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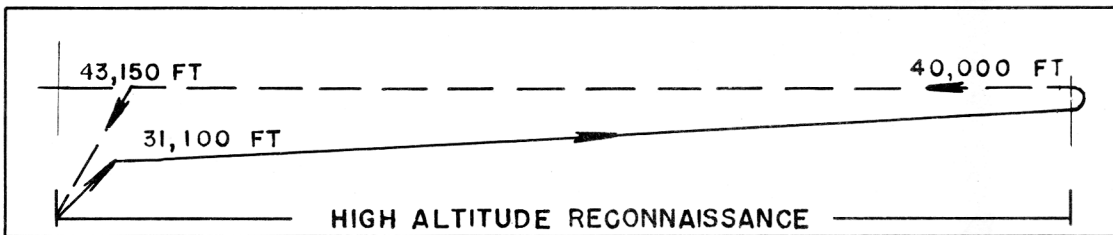
RB-47B

3rd Ed 13 March 1953

53 WC-12000

Review done on this date

Characteristics Summary Basic Mission RB-47B



| PERFORMANCE | | |
|---|--|---|
| COMBAT RADIUS | FERRY RANGE | S P E E D |
| 1760 naut. mi with 0 lb payload at 431 knots avg. in 8.41 hours. | N.A. naut. mi with N.A. gal fuel at N.A. knots avg. in N.A. hours at N.A. lb T.O. wt. | COMBAT 475 knots at 40,000 ft alt, max power MAX 536 knots at 10,600 ft alt, max power BASIC 490 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 |
| 2630 fpm sea level, take-off weight normal power | 33,900 ft 100 fpm, take-off weight normal power | ground run 6300 ft no assist 5000 ft assisted |
| 4480 fpm sea level, combat weight maximum power | 39,700 ft 500 fpm, combat weight maximum power | over 50 ft height 7600 ft no assist 6300 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 |
| Ammunition: 700 rds/20mm Fuel: 14,312 gal protected 73 % droppable 0 % external 0 % | Empty..... 81,992 lb Combat... 130,000 lb Take - off *180,000 lb limited by strength *Excludes ATO charge and water/alcohol | 136 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:
 (a) Contractor's flight test (not substantiated by WADC)
 (b) Weight Empty reflects Tucson Modification Center "Fly-Away" Condition.

2. Revision Basis: To conform to MIL-C-5011A.

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 Ohio 45433