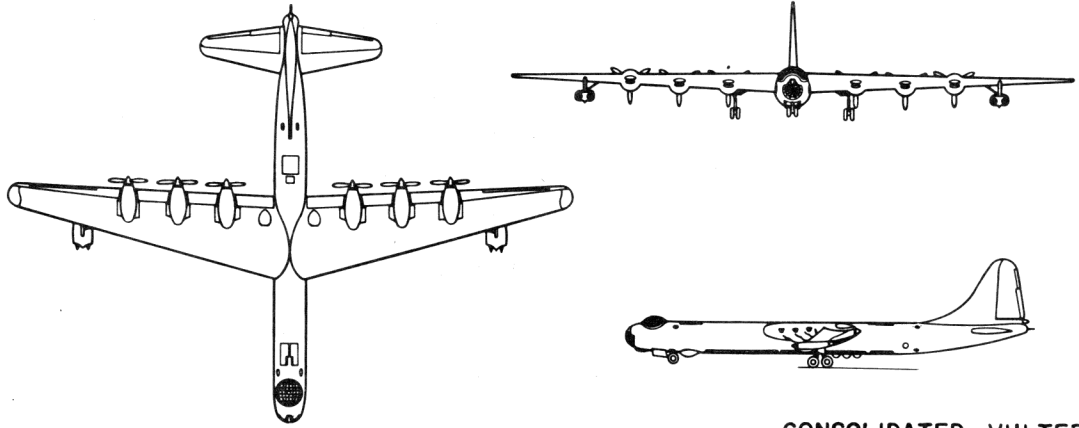


~~Confidential~~
SECRET

A-1
(R) B-36D/EAR
SERVICE

Characteristics Summary

RECONNAISSANCE RB-36D(FW III)



CONSOLIDATED - VULTEE

Wing Area 4772 sq ft Length 162.1 ft
Span 230.0 ft Height 46.8 ft

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

STATUS

1. Modification of first RB-36D to Featherweight Configuration III: Jun 54
2. Major differences of RB-36D/FWIII from standard configuration are removal of all turrets except tail turret, self-sealing pads and fuel purging system; replacement of blisters by small flush windows.

Navy Equivalent: None

Mfr's Model: 36

POWER PLANT

(6) R-4360-41
Pratt & Whitney
ENGINE RATINGS
BHP - RPM - ALT - MIN
T.O. *3500 - 2700 - Turbo-5
3250 - 2700 - Turbo-5
Mil: *3500 - 2700 - Turbo-30
3250 - 2700 - Turbo-30
Nor: 2650 - 2550 - Turbo-Cont
*Wet

plus
(4) J47-GE-19
General Electric
S. L. Static LB - RPM - MIN
Max: 5200 - 7950 - 5
Mil: 5200 - 7950 - 30
Nor: 4730 - 7630 - Cont

FEATURES

Crew 19
Cameras 14
Cabin Pressurization
Thermal Anti-Icing
Nav. Radar AN/APQ-24
Gun-Laying Radar AN/APG-32
Loran
Defensive & Offensive ECM
Removable Jet Pods
Chaff Dispenser

Max Fuel Cap: . . *33,626 gal

*Total capacity usable only for special loading when equipment has been removed from aircraft.

ARMAMENT

Turrets 1
Guns . . . 2x20mm(M24A1)
Ammunition(tot) . . 1200 rds

BOMBS:

No.	Class (lb)
80 T-86 Photo Flash	. . 188

*Deleted: 7th Ed;
Add Nr 8; 1 Oct 55*

*Classification cancelled
or changed to ~~Confidential~~
AUTH: AF-SG AFAC Security Class. Grade 1 Jan 64
By: G. R. J. Jombon 31 March 64
Signature and Grade 21 Dec 1966 8 March 67*

26 AUG 54

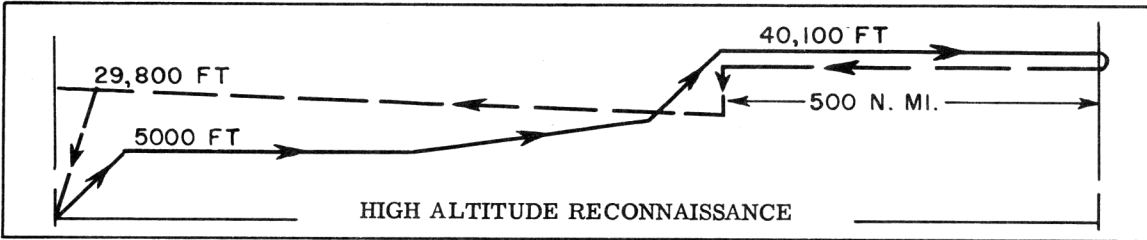
SECRET

RB-36D
(FW III)

3rd Ed addn #16

53 WC 12000

Characteristics Summary Basic Mission **RB-36D**
(FW III)



PERFORMANCE

COMBAT RADIUS	FERRY RANGE (b)	S P E E D (b)
3640 naut. mi with 3664 lb payload at 197 knots avg. in 38.1 hours.	naut. mi with gal fuel at knots avg. in hours at lb T.O. wt.	COMBAT knots at ft alt, max power MAX knots at ft alt, max power BASIC knots at ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
985 fpm sea level, take-off weight normal power	33,400 ft 100 fpm, take-off weight normal power	ground run 4400 ft _____ ft no assist assisted
(b) fpm sea level, combat weight maximum power	(b) ft 500 fpm, combat weight maximum power	over 50 ft height 5685 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
Flash Bombs 2256 lb Chaff 1408 lb Ammunition . 1200rds/20mm Fuel: 33,091 gal protected 38.4 % droppable 0 % external 0 %	Empty..... (b) lb Combat... 251,100 lb Take - off 370,000 lb limited by structure	107 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 estimates not substantiated by WADC
 - (b) Data not available
2. Revision Basis: Initial Issue.