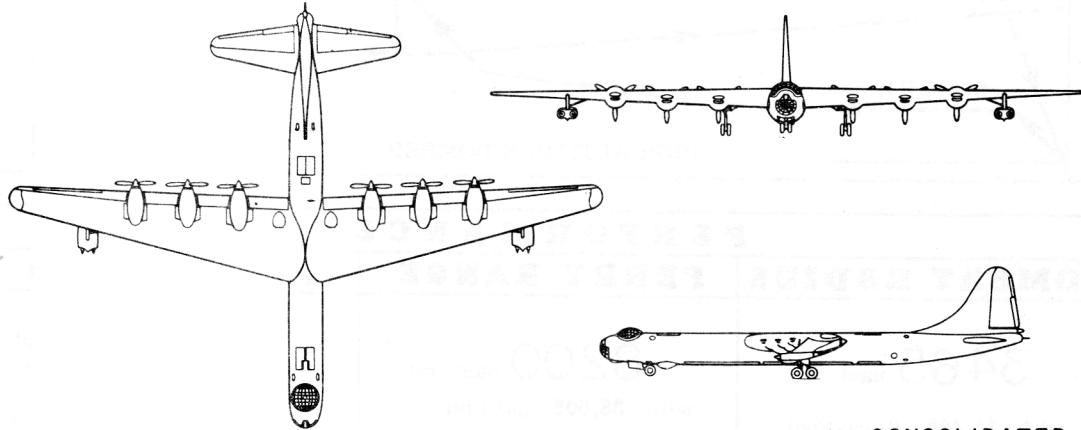


Characteristics Summary

BOMBER B-36J (III)



CONSOLIDATED

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. Major differences of the B-36J(III) from the standard configuration are removal of all turrets except tail turret, self-sealing pads, fuel purging system and crew comfort items; the replacement of blisters by small flush windows.
 2. Contract approved for modification of B-36J to B-36J(III): Feb 54
 3. First Delivery: Feb 54
 4. Modification Completion Date: Jun 54
Mfr's Model: 36
- Navy Equivalent: None

POWER PLANT

(6) R-4360-53
Pratt & Whitney

ENGINE RATINGS

BHP-RPM-ALT -MIN
 T.O: *3800-2800 - SL -5
 Mil: *3800-2800 - Turbo-30
 3500-2800 - Turbo-30
 Nor: 2800-2600 - Turbo-Cont
 *Wet
 plus

(4) J47-GE-19

General Electric

S.L.S. LB - RPM - MIN
 Max: 5200 - 7950 - 5
 Mil: 5200 - 7950 - 30
 Nor: 4730 - 7630 - Cont

FEATURES

Crew 13
 Cabin Pressurization
 Thermal Anti-Icing
 Bombing-Navigation Radar
 K-3A System
 Gun-Laying Radar AN/APG-41A
 Chaff Dispenser
 Loran
 Single-Point Fueling
 Defensive ECM
 Max Fuel Cap:.. *36,396 gal
 *Includes 2x1385 gal Wing Panel Fuel Tanks.
 Note: Additional (2996 gal) bomb bay fuel tank necessary for missions other than Max Bomb Mission.

ARMAMENT

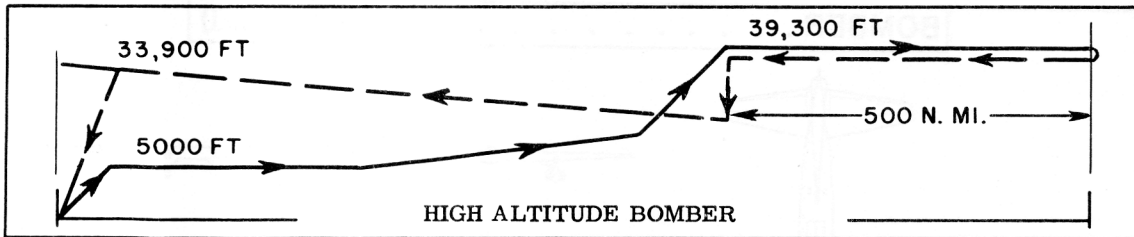
Turrets 1
 Guns . . 2x20mm(M24-A1)
 Ammunition (tot) . 1200 rds
 BOMBS(max):
 Class(lb) Load
 WW II:
 (Box Fin) 12x4000/72x1000
 INTERIM:
 (Conical Fin)
 22x2000/129x500
 NEW SERIES:
 48x750/4x12,000

Classification cancelled ~~Confidential~~ or changed to ~~Secret~~
 AUTH: AFSC-AFSC-Be class. Guide 1 Jan 64
 By A R Johnson top 64
 Signature and Grade
 23 Feb 1967 8 Jan 68
 Unclassified

4th Ed addn #9

577-4983

Characteristics Summary Basic Mission . . . B-36J(III)



P E R F O R M A N C E		
C O M B A T R A D I U S	F E R R Y R A N G E	S P E E D
3465 naut. mi with 11,408 lb payload at 197 knots avg. in 34.6 hours.	8200 naut. mi with 38,605 gal fuel at 188 knots avg. in 43.6 hours at 410,000 lb T.O. wt.	COMBAT 362 knots at 39,300 ft alt, max power MAX 363 knots at 37,500 ft alt, max power BASIC 346/362 knots at 25,000/35,000 ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
780 fpm sea level, take-off weight normal power	28,500 ft 100 fpm, take-off weight normal power	ground run 5290 ft _____ ft no assist assisted
1995 fpm sea level, combat weight maximum power	39,500 ft 500 fpm, combat weight maximum power	over 50 ft height 6820 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
Bombs 10,000 lb Chaff 1408 lb Ammunition 1200 rds/20 mm Fuel: 36,640 gal protected 0 % droppable 0 % external 0 %	Empty 166,165 lb Combat . . . 262,500 lb Take - off 410,000 lb limited by structure	112 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) AF Phase IV Flight Test (substantiated by WADC)

2. Revision Basis: To reflect latest performance due to weight change

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