

Classification cancelled or changed to *Unclassified*

AUTH: AFSC-AFLC Sec Class Guide 1 Feb 64  
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 Signature and Grade *7c 2nd 67*

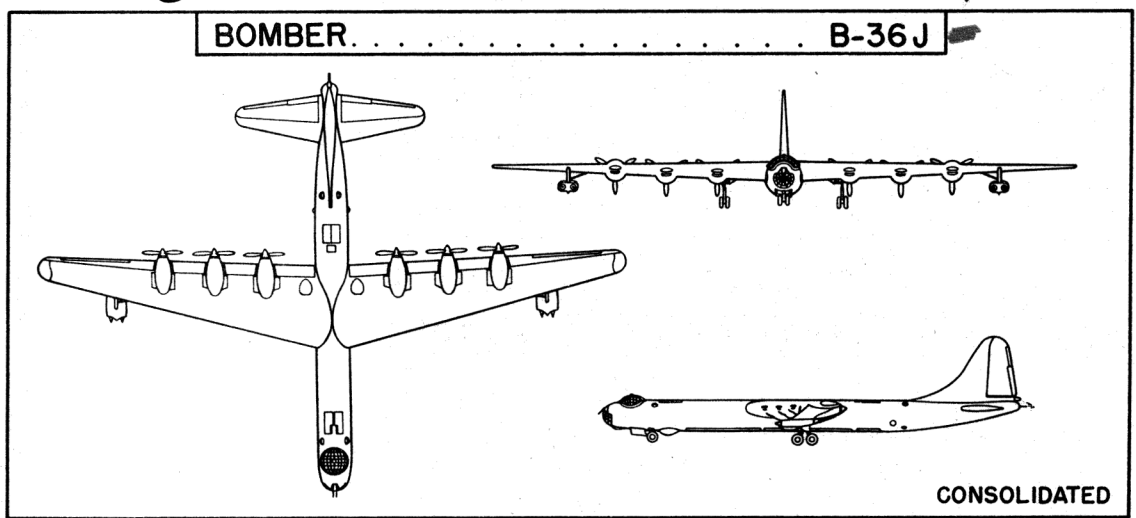
CLASSIFICATION CANCELLED (OR CHANGED TO *Unclassified*)  
 BY AUTHORITY OF *15 July 54*  
 BY *15 July 59*  
 (NAME & GRADE OF INDIVIDUAL MAKING CHANGE) (DATE)

*Unclassified*  
~~SECRET~~

*A-1*  
*B-36J/CHAR*  
 (Security Information)  
 SERVICE

# Characteristics Summary

**BOMBER** ..... **B-36J**



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**

- Thirty three (33) B-36H aircraft being modified by the addition of outboard wing fuel tanks and strengthened landing gear. Redesignated B-36J.
- First Delivery: Sep 53 (est)

Navy Equivalent: None Mfr Model: No. 36

**POWER PLANT**

(6) R-4360 -53  
 Pratt & Whitney  
 ENGINE RATINGS

BHP-RPM- ALT - MIN  
 T.O. \*3800-2800-S.L. - 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: ..... 16

Cabin Pressurization  
 Thermal Anti-icing  
 Bombing-Navigational Radar  
 Chaff Dispenser  
 Loran  
 Defensive ECM  
 Fuel Tank Purging  
 Removable Jet Pods

Max Fuel Capacity: 39,383gal

**ARMAMENT**

Turrets ..... 8  
 Guns ..... 16 x 20mm  
 Ammunition (tot.).. 9200 rds  
 Max Bomb load: 2x43,000 lb  
 Max Bomb Size: ... 43,000 lb

9 JANUARY 1953

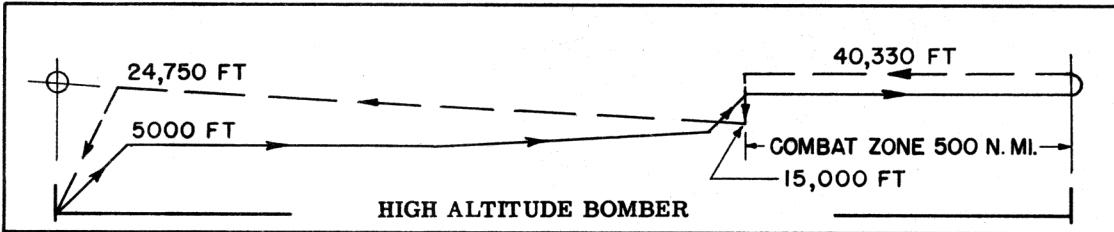
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B-36J

*3rd Ed*

*13 March 1953*

# Characteristics Summary Basic Mission ..... B-36J



## PERFORMANCE

COMBAT RADIUS	FERRY RANGE	S P E E D
3400 naut. mi with 10,000 lb payload at 190 knots avg. in 35.63 hours.	8285 naut. mi with 36,922 gal fuel at 177 knots avg. in 46.85 hours at 410,000 lb T.O. wt.	COMBAT 360 knots at 40,330 ft alt, max power MAX 372 knots at 34,500 ft alt, max power BASIC 371 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
860 fpm sea level, take-off weight climb power	31,500 ft 100 fpm, take-off weight climb power	ground run 5660 ft no assist   _____ ft assisted
2220 fpm sea level, combat weight maximum power	40,950 ft 500 fpm, combat weight maximum power	over 50 ft height 7020 ft no assist   _____ 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
Bombs: 10,000 lb Ammunition: 9200 rds/20mm	Empty..... 169,751 lb Combat... 266,000 lb Take - off 410,000 lb  limited by structure	112 knots power-off, landing config- uration, take-off weight
Fuel: 35,325 gal protected 38.0 % droppable 0 % external 0 %		<b>T I M E T O C L I M B</b>  _____

## N O T E S

- Performance Basis:
  - Contractor's estimated data (Not substantiated by WADC)
- Initial Issue

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Wright-Patterson Air Force Base  
Ohio 45433