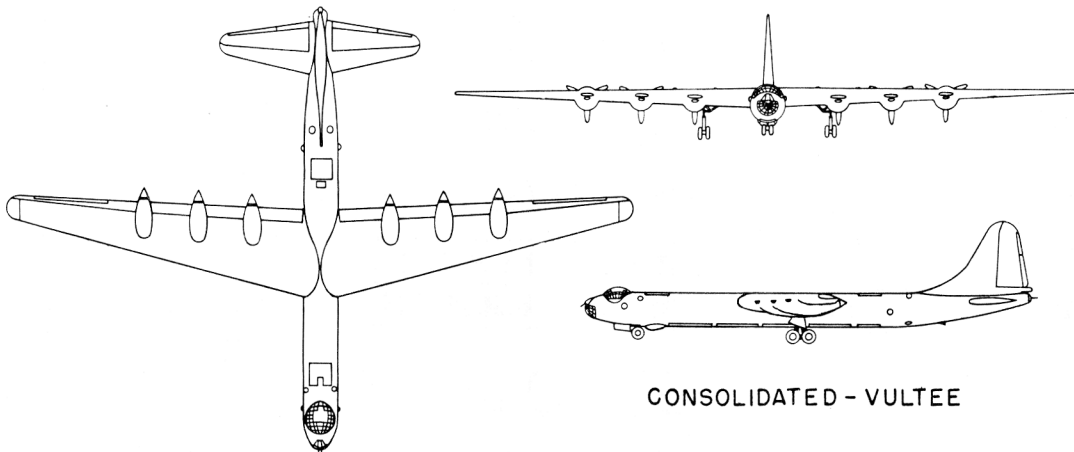


Characteristics Summary

BOMBER.....B-36A



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

SERVICE

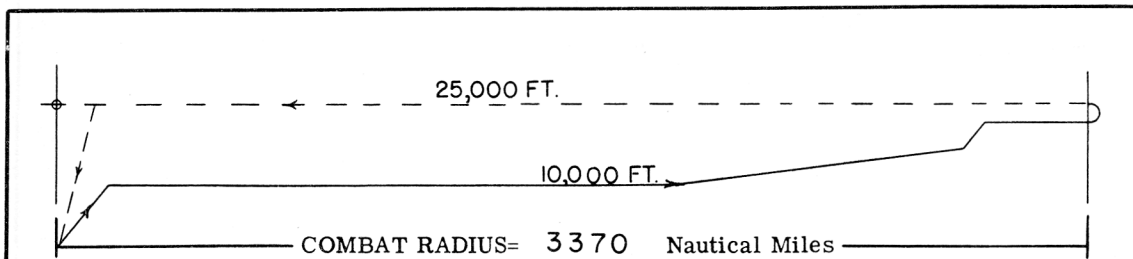
1. Design initiated: (XB-36) November 1941
2. First flight: (XB-36) 8 August 1946
3. First production: (B-36A) May 1947
4. Production completed: November 1948

POWER PLANT
(6) R-4360-25 Pratt-Whitney BHP - RPM - ALT.*
T.O: 3000 - 2700 - S.L.
Max: 3000 - 2700 - 34,000
Nor: 2500 - 2550 - 37,000
*Turbo critical

FEATURES
Crew: 14
Bombing-Navigation Radar
Reverse Pitch Props
Gun-Laying Radar & Loran
Max. Design Fuel
Cap.: 27,010 gal (Wing tank-age plus 2x3000 gal bomb bay tanks)
Can be field - modified to carry 2 additional bomb bay tanks permitting 33,010 gal max fuel cap.

ARMAMENT
Turrets: 8
Guns: (16) 20mm
Ammunition: 9200 rds
Max Bomb Load: (72) 1000 lb
Max Bomb Size: 4000 lb

Characteristics Summary Basic Mission B-36A



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
3370 naut. mi with 10,000 lb payload at 189 knots avg. in 35.6 hours.	6320 naut. mi with 10,000 lb payload at 181 knots avg. in 35.08 hours.	290 knots at 25,000 ft alt, max power
		MAXIMUM SPEED
		300 knots at 31,600 ft alt, max power
CLIMB	CEILING	TAKE - OFF
502 fpm sea level, take-off weight normal power	25,000 ft 100 fpm, take-off weight normal power	ground run 6000 ft no assist — ft assisted
1447 fpm sea level, combat weight maximum power	35,800 ft 500 fpm, combat weight maximum power	over 50 ft height 8000 ft no assist — ft assisted
LOAD	WEIGHTS	STALLING SPEED
Bombs: 10,000 lb Ammunition: 9200 rds/20mm Fuel: 24,121 gal protected 61 % droppable 13 % external 0 %	Empty..... 135,020 lb Combat... 212,800 lb Take - off 310,380 lb limited by space	98 knots flaps down, take-off weight
		TIME TO CLIMB
		—

N O T E S

1. PERFORMANCE BASIS:
 (a) Estimated data based on preliminary flight test.
 (b) In computing Radius and Range, specific fuel consumptions have been increased 5% to allow for variation of fuel flow in service aircraft.

2. REVISION BASIS: To clarify fuel capacity data shown under "Features"

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