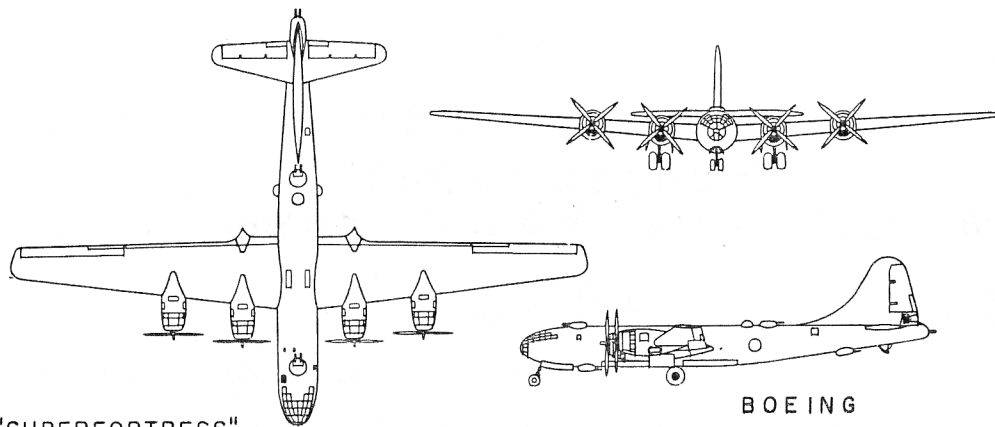


Characteristics Summary

BOMBER B-29

*Revised to conform to MIL-C-5011A
11 July 52*



Wing area 1720 sq ft Length 99.0 ft
 Span 141.2 ft Height 27.8 ft

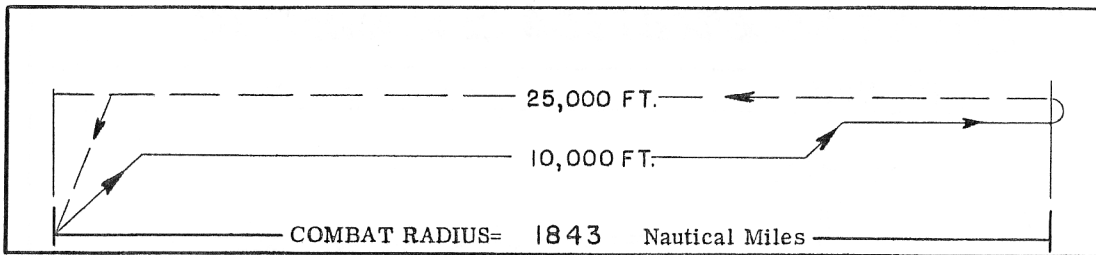
AVAILABILITY			PROCUREMENT			
Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

STATUS

1. Design initiated: June 1940
2. First flight: September 1942 (XB-29)
3. First acceptance: September 1943
4. Production completed: June 1946

POWER PLANT	FEATURES	ARMAMENT
*(4) R-3350-57 or -57A Wright ENGINE RATINGS BHP-RPM-ALT-MIN T.O: 2200-2800-S.L.-5 Mil: 2200-2600-Turbo-30 Nor: 2000-2400-Turbo-Cont. *Modernized	Crew: 11 Cabin Pressurization and Heating Electronic Navigation Equipment Bombing Radar Max Fuel Cap: 9363 gal	Turrets: 5 Guns: 12x.50 cal Ammunition(tot.): 6000 rds Max Bomb Load: 40x500 lb Max Bomb Size: 4000 lb

Characteristics Summary Basic Mission B-29



P E R F O R M A N C E		
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
1843 naut. mi with 10,000 lb payload at 215 knots avg. in 17.37 hours.	3445 naut. mi with 10,000 lb payload at 198 knots avg. in 17.54 hours.	331 knots at 25,000 ft alt, max power
		MAXIMUM SPEED
		347 knots at 30,000 ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
500 fpm sea level, take-off weight normal power	23,950 ft 100 fpm, take-off weight normal power	ground run 5230 ft no assist — ft assisted
1625 fpm sea level, combat weight maximum power	36,200 ft 500 fpm, combat weight maximum power	over 50 ft height 7825 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: 6000 rds/.50 cal	Empty..... 71,500 lb Combat... 101,250 lb Take - off 140,000 lb limited by performance	103 knots flaps down, take-off weight
Fuel: 7866 gal protected 100 % droppable 11 % external 0 %		T I M E T O C L I M B —

N O T E S

1. PERFORMANCE BASIS:
 (a) Flight test
 (b) Fuel density: 6.0 lb/gal
 (c) In computing Radius and Range, specific fuel consumptions have been increased 5% to allow for variation of fuel flow in service aircraft.
 (d) War Emergency power of 2500 BHP used for performance computations.

2. REVISION BASIS: To reflect corrected engine models and time ratings of engines