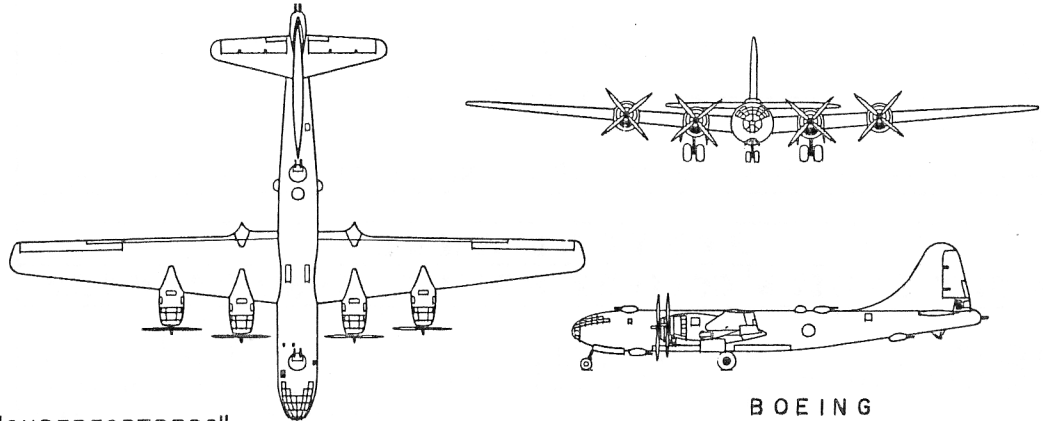


Characteristics Summary

BOMBER B-29A



"SUPERFORTRESS"

BOEING

*Revised to
comform to MIL-C-5011A
11 Jul 52*

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

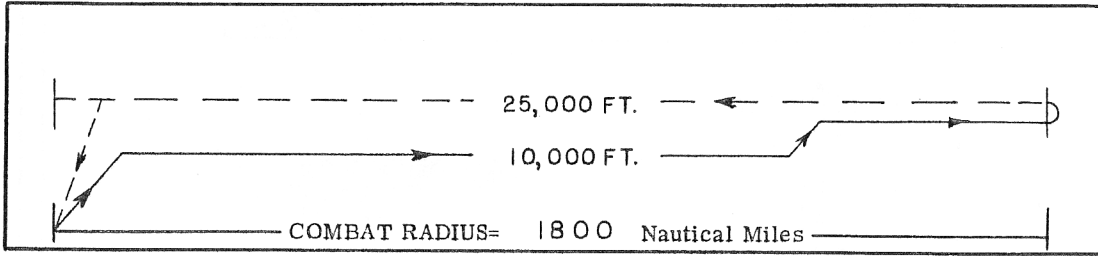
AVAILABILITY			PROCUREMENT			
Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

STATUS

1. First acceptance: January 1944
2. 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: 9150 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-29A



P E R F O R M A N C E		
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
1800 naut. mi with 10,000 lb payload at 216 knots avg. in 16.90 hours.	3321 naut. mi with 10,000 lb payload at 199 knots avg. in 16.88 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 — ft no assist assisted
1620 fpm sea level, combat weight maximum power	36,150 ft 500 fpm, combat weight maximum power	over 50 ft height 7825 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 Ammunition: 6000 rds/.50 cal Fuel: 7748 gal protected 100 % droppable 13 % external 0 %	Empty..... 72,206 lb Combat... 101,472 lb Take - off 140,000 lb limited by performance	103 knots flaps down, take-off weight TIME TO CLIMB ———

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