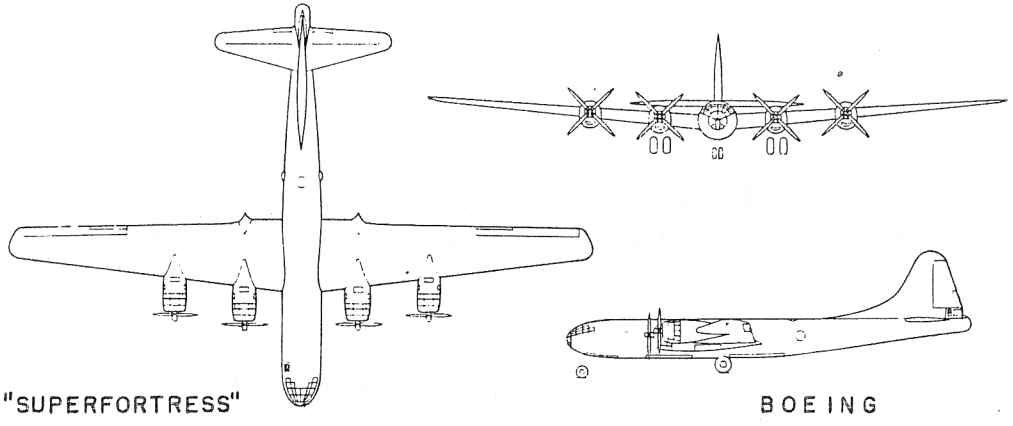


# Characteristics Summary

BOMBER . . . . . B-29B

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



"SUPERFORTRESS"

BOEING

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				

**S T A T U S**

1. The B-29B is a stripped version of the B-29
2. First modification: January 1945
3. Modifications completed: September 1945

**POWER PLANT**

\*(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

**FEATURES**

Crew: 10

Cabin Pressurization and Heating

Electronic Navigation Equipment

Bombing Radar

Gun Laying Radar

Max Fuel Cap: 9363 gal

**ARMAMENT**

Turrets: 1

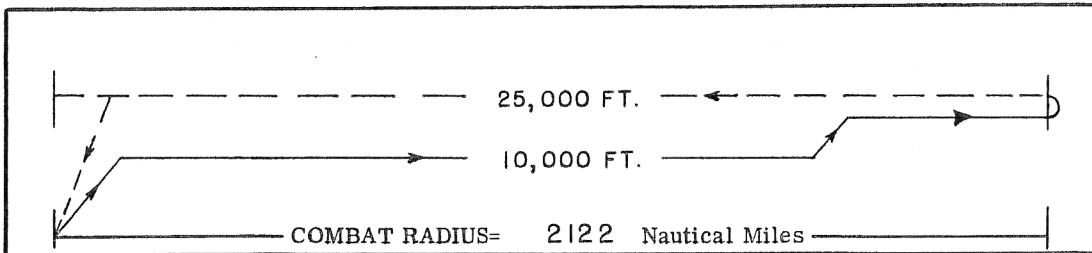
Guns: 3x.50 cal

Ammunition (tot.): 1380 rds

Max Bomb Load: 40x500 lb

Max Bomb Size: 4000 lb

*Characteristics Summary Basic Mission* . . . . . B-29B



P E R F O R M A N C E		
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
2122 naut. mi with 10,000 lb payload at 208 knots avg. in 20.66 hours.	3926 naut. mi with 10,000 lb payload at 191 knots avg. in 20.73 hours.	344 knots at 25,000 ft alt, max power
		<b>MAXIMUM SPEED</b>
		360 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
618 fpm sea level, take-off weight normal power	30,250 ft 100 fpm, take-off weight normal power	ground run 4800 ft   — ft no assist   assisted
1820 fpm sea level, combat weight maximum power	38,000 ft 500 fpm, combat weight maximum power	over 50 ft height 7125 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: 1380 rds/.50 cal	Empty..... 68,821 lb Combat... 96,126 lb Take - off 135,744 lb limited by space	102 knots flaps down, take-off weight
Fuel: 8083 gal protected 100 % droppable 16 % external 0 %		<b>TIME TO CLIMB</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 ratings and time ratings of engines