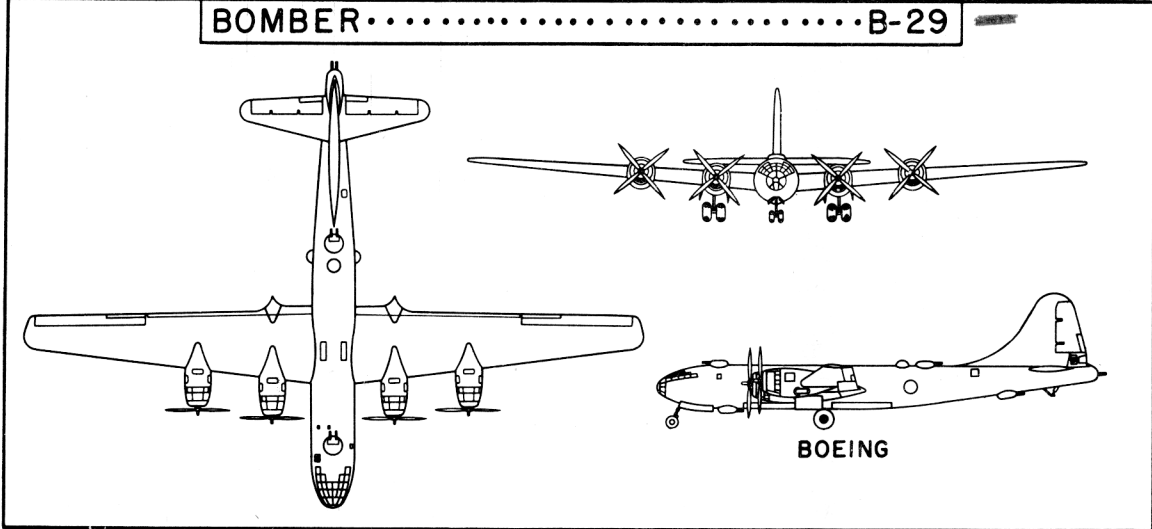


*A1
B-29/char*

Characteristics Summary

BOMBER.....B-29

*Revised to reflect
corrected engine
models and time
ratings of engines
19 Apr 50*



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				

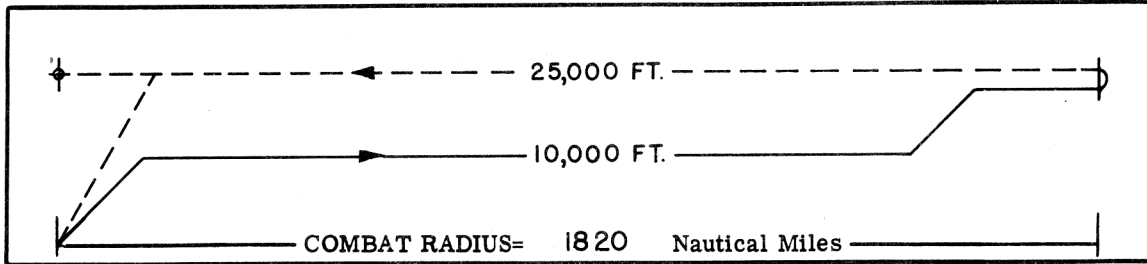
STATUS	
	SERVICE
<ol style="list-style-type: none"> 1. First flight: September 1942 (XB-29) 2. First acceptance: September 1943 3. Production completed: June 1946 	

POWER PLANT			
(4) R-3350-57, -57A Wright			
	BHP	RPM	CRIT. ALT.
T.O:	2200	2800	
Max :	* 2500	2800	31,400
Nor:	2000	2400	35,600
*Permitted by T.O. 01-20 EJA-92 dated 15 June 1945.			

FEATURES	
Crew:	11
Cabin Pressurization	
Cabin Heating	
Electronic Navigation Equipment	
Bombing Radar	
Max Fuel Capacity: 9548 gal	

ARMAMENT	
Turrets:	5
Guns:	(12) .50 cal
Ammunition:	6000 rds
Max Bomb Load:	(40) 500 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
1820 naut. mi with 10,000 lb payload at 214 knots avg. in 17.4 hours.	3390 naut. mi with 10,000 lb payload at 199 knots avg. in 17.2 hours.	331 knots at 25,000 ft alt, max power
		MAXIMUM SPEED
		353 knots at 31,400 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	23,800 ft 100 fpm, take-off weight normal power	ground run 4130 ft no assist — ft assisted
1730 fpm sea level, combat weight maximum power	35,000 ft 500 fpm, combat weight maximum power	over 50 ft height 6100 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... 100,000 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 %		TIME TO CLIMB —

N O T E S

1. PERFORMANCE BASIS: NACA standard conditions no wind, single airplane;
 (a) Fuel consumption, increased 5 %, based on flight test data
 (b) Pilot's Handbook dated 13 January 1948

2. REVISION BASIS: Correct power plant data.