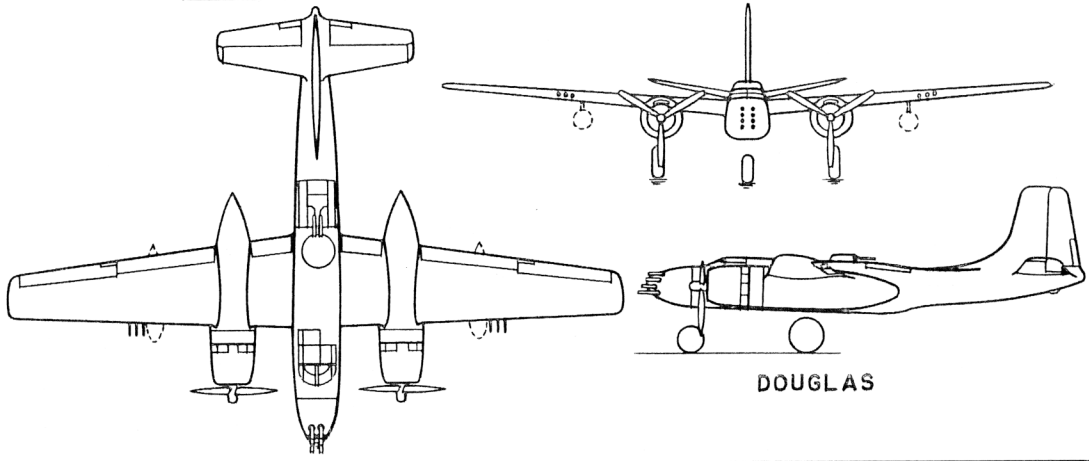




# Characteristics Summary

BOMBER.....B-26B



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

Wing area ..... 541 sq ft      Length ..... 50.8 ft  
 Span ..... 70.0 ft      Height ..... 18.5 ft

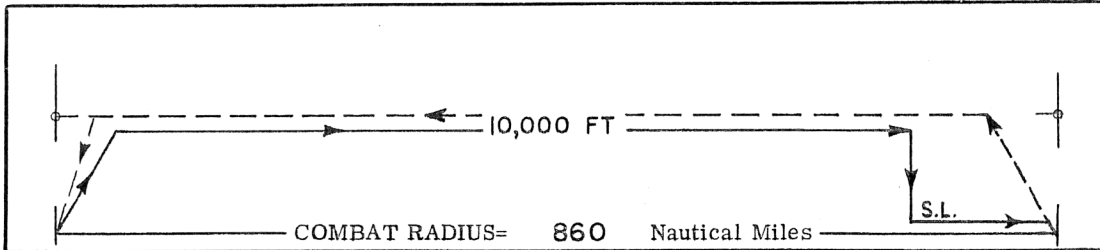
AVAILABILITY			PROCUREMENT			
Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

## STATUS

1. Design initiated: January 1941
2. First flight: July 1942 (XA-26)
3. First production: September 1942
4. First service use: 1943
5. Production completed: August 1945
6. Navy designation: JD-1

POWER PLANT	FEATURES	ARMAMENT
(2) R-2800-79 Pratt-Whitney <b>ENGINE RATINGS</b> BHP - RPM - ALT T.O: 2000 - 2700 Mil: 2000 - 2700 - 1500 1600 - 2700 - 13,500 Nor: 1600 - 2400 - 5700 1450 - 2400 - 13,000	Crew: 3 Cabin Heating and Cooling Periscopic Sighting for Turret Propeller Anti-icing All-Purpose Nose Loran Max Fuel Cap: 2035 gal	Turrets: *1 Guns: 16x.50 cal Ammunition(tot.): 5600 rds Max Bomb Load: Internal: 4x1000 lb External: 4x500 lb Max Bomb Size: 1000 lb Rockets: 14x5" HVAR  *See Note 2

*Characteristics Summary Basic Mission* ..... B-26B



<b>PERFORMANCE</b>		
<b>COMBAT RADIUS</b>	<b>COMBAT RANGE</b>	<b>COMBAT SPEED</b>
860 naut. mi with 4000 lb payload at 200 knots avg. in 8.9 hours.	1668 naut. mi with 4000 lb payload at 202 knots avg. in 8.4 hours.	313 knots at S.L. ft alt, max power
		<b>MAXIMUM SPEED</b>
		322 knots at 10,000 ft alt, max power
<b>C L I M B</b>	<b>C E I L I N G</b>	<b>T A K E - O F F</b>
1060 fpm sea level, take-off weight normal power	19,200 ft 100 fpm, take-off weight normal power	ground run 3900ft no assist   — ft assisted
2550 fpm sea level, combat weight maximum power	22,050 ft 500 fpm, combat weight maximum power	over 50 ft height 4820ft no assist   — ft assisted
<b>L O A D</b>	<b>W E I G H T S</b>	<b>S T A L L I N G S P E E D</b>
Bombs: 4000 lb Ammunition: 5600 rds/.50 cal	Empty..... 22,362 lb Combat... 31,401 lb Take - off 40,015 lb  limited by space	98 knots flaps down, take-off weight
Fuel: 1360 gal protected 77 % droppable 23 % external 23 %		<b>T I M E T O C L I M B</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) Performance shown above for max power is based on war emergency power (wet) of 2370 BHP @ 2700 RPM @ S.L.
2. The B-26B covered in this analysis is the "LEFT" project in which the lower turret is deleted and an eight-gun nose substituted for a six-gun nose.
3. REVISION BASIS: To show engine ratings and changes in "Status", "Features" and "Notes" blocks.