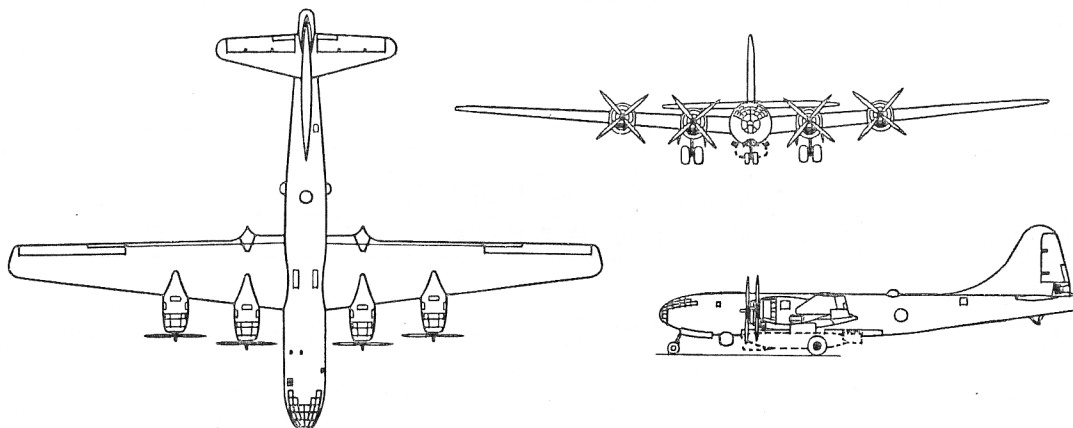


# Characteristics Summary

SEARCH . . . . . SB-29



"SUPERFORTRESS"

BOEING

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

*There is a blue copy for this date. Duplicate in black book*

### AVAILABILITY

### PROCUREMENT

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

### STATUS

1. B-29's modified to perform search-rescue missions.

Navy Equivalent: None

Mfr's Model: 345-3-0

### POWER PLANT

(4) R-3350-57, 57A or -83  
 Wright

#### ENGINE RATINGS

BHP-RPM - ALT - MIN

T.O: 2200-2800 - S.L. - 5

Mil: 2200-2600 -Turbo- 30

Nor: 2000-2400 -Turbo-Cont

### FEATURES

Crew . . . . . 10

Cabin Pressurization and Heating

Electronic Navigation Equipment

Search Radar

Airborne Lifeboat Type A-3

Remote Control Guidance for Lifeboat

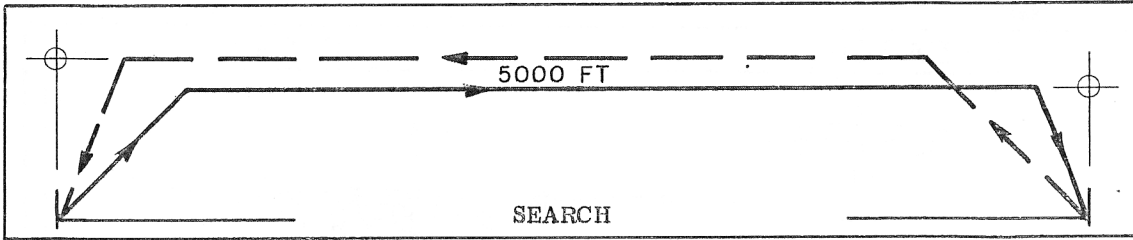
Max Fuel Cap: . . 6803 gal

### ARMAMENT

Bomb racks are installed but bombing capabilities are not considered.

Guns are removed.

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



<b>P E R F O R M A N C E</b>		
<b>C O M B A T R A D I U S</b>	<b>F E R R Y R A N G E</b>	<b>S P E E D</b>
(b) 1685 naut. mi with 3491 lb payload at 172 knots avg. in 19.8 hours.	(b) 3445 naut. mi 3491 lb payload 6803 gal fuel with at 173 knots avg. in 20.0 hours at 120,662 lb T.O. wt.	COMBAT 239 knots at 5000 ft alt, max power MAX 334 knots at 33,300 ft alt, max power BASIC 306 knots at 25,000 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>
730 fpm sea level, take-off weight normal power	32,800 ft 100 fpm, take-off weight normal power	ground run 3475 ft   — ft no assist   assisted
1345 fpm sea level, combat weight maximum power	35,600 ft 500 fpm, combat weight maximum power	over 50 ft height 5075 ft   — ft no assist   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>
A-3 Rescue Boat: . . 3491 lb  Fuel: 6803 gal protected 100 % droppable 0 % external 0 %	Empty.... 68,350 lb Combat... 99,410 lb Take - off 120,662 lb  limited by normal fuel capacity	95.7 knots power-off, landing config- uration, take-off weight  <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) Boat carried throughout mission

2. Revision Basis: To reflect change in configuration.