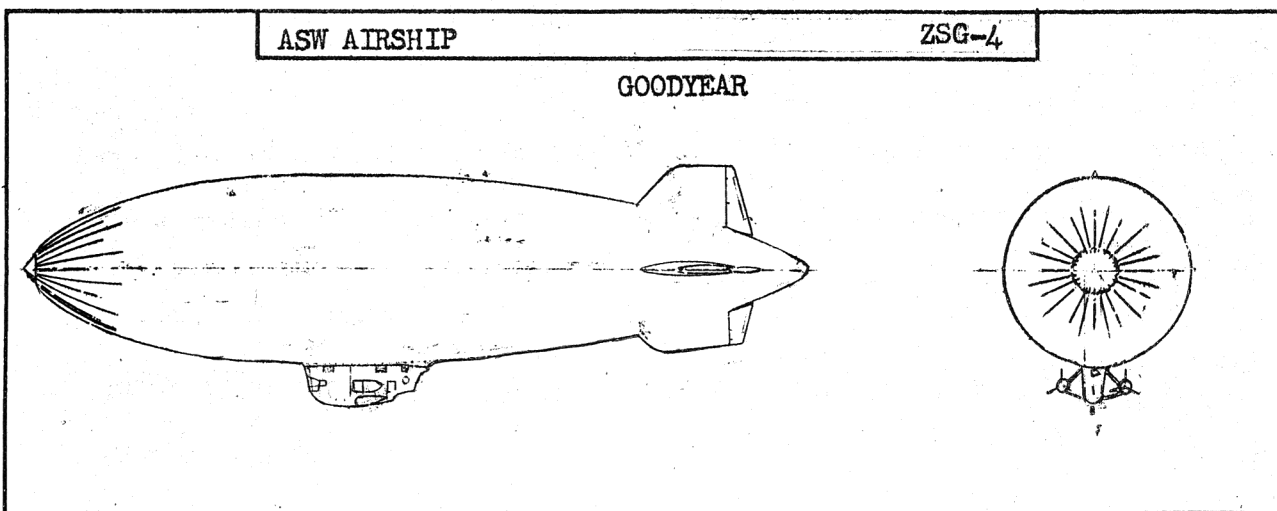


CHARACTERISTICS SUMMARY



VOLUME 550,000 cu. ft. (approx.)
 WIDTH 70'

LENGTH 267'
 HEIGHT 82'

AVAILABILITY			PROCUREMENT				
NUMBER AVAILABLE			NUMBER DELIVERED				
			IN FISCAL YEARS				
ACTIVE	RESERVE	TOTAL					

STATUS	
Mock up - - - - -	September 1951
First flight - - - - -	November 1953
Service use - - - - -	February 1956

ENGINES	
2 P & W	R-1340-46
	<u>BHP</u> <u>RPM</u> <u>ALT.</u>
TAKE-OFF	600/2250/0-3500'
NORM	550/2200/0-5000'

FEATURES
Crew - 8 Designed to refuel at sea. Completely equipped for detecting, tracking and destroying submarines.
DECLASSIFIED

ARMAMENT	
No.	Type
16	Hedgehogs
2	Torpedoes
	MK 41-0
4	Depth Charges

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CHARACTERISTICS SUMMARY

BASIC MISSION

ZSG-4

Range or Endurance

Warm-up, Take-off and Climb: 10 minutes fuel allowance at normal rated power at sea level.
 Cruise: At constant altitude at speed for best range or maximum endurance.
 Reserve: 10% of initial fuel load.

PERFORMANCE

COMBAT RADIUS	COMBAT RANGE	SPEED
38 naut. mi.	1,530 naut. mi.	64 knots at S.L. ft.
40 knots avg.	40 knots avg.	knots at ft.
S.L. ft. alt.	S.L. alt.	knots at ft.
		Combat Weight Power
CLIMB	CEILING	TAKE OFF
2400 ft./min.	ft.	1,840 ft. - Calm
Sea Level, T. O. wt. Normal Power		over 50 ft. obstacle
	Ballonet Ceiling 9,500 ft.	
LOAD	WEIGHTS	STALLING SPEED
Fuel 1,055 gal.	Empty 24,500 lbs.	knots
fixed 950 drop 105	Static Heaviness 3,500 lbs.	Flaps down, T. O. wt.
Max. Cap. 1,055 gal.	Take-off 36,500 lbs.	TIME TO CLIMB
		ft. in min.
		Combat Wt., Max. Power

NOTES

Performance is based on calculations.
 Range radius, and endurance are based on engine specification fuel consumption data for single engine operation increased by 5%.
 Performance is based on 97.1% gas fullness, helium lifting .062 lb/cu.ft. at sea level.
 Maximum speed refers to engine power of 490 Bhp/engine at 2100 RPM.

DECLASSIFIED

NAVAER-1519B (Rev. 10-51)