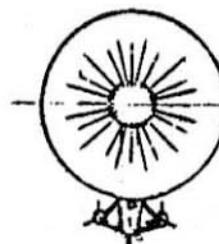
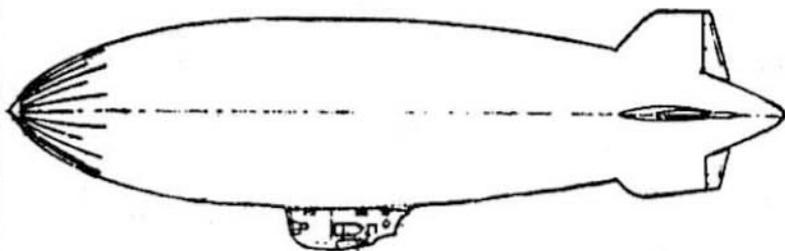


CHARACTERISTICS SUMMARY

ASW AIRSHIP

ZSG-4

GOODYEAR



VOLUME 550,000 cu. ft. (approx.)

LENGTH 267'

WIDTH 70'

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- | 600 | 2250 | 0-3500' |
| OFF | | | |
| NORM | 550 | 2200 | 0-5000' |

FEATURES

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

ARMAMENT

| <u>No.</u> | <u>Type</u> |
|------------|---------------|
| 16 | Hedgehogs |
| 2 | Torpedoes |
| | MK 41-0 |
| 4 | Depth Charges |

MAYNER 1519 A (REV. 1-49) 51 35807

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. Sea Level, T. O. wt. Normal Power | ft. | 1,840 ft. - Calm over 50 ft. obstacle |
| | Ballonet Ceiling 9,500 ft. | |
| LOAD | WEIGHTS | STALLING SPEED |
| Fuel 1,055 gal. fixed 950 drop 105 Max. Cap. 1,055 gal. | Empty 24,500 lbs. Static Heaviness 3,500 lbs. Take-off 36,500 lbs. | knots Flaps down, T. O. wt. |
| | | 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.

NAVIER-1519B (Rev. 10-51)