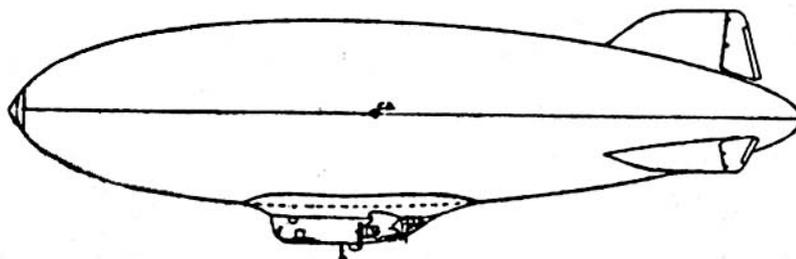


CHARACTERISTICS SUMMARY

CONVOY ESCORT

ZS2G-1

GOODYEAR



VOLUME 670,000 cu. ft.
WIDTH 68 ft.

LENGTH 285' - 2"
HEIGHT 93'

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

STATUS

First Flight - - - - - July 1954
Service Use - - - - - July 1955

ENGINES			
(2)	W.A.C.	R-1300-4	
	<u>BHP</u>	<u>RPM</u>	<u>ALT.</u>
T.O.	800	2600	S.L. 3500'
NORM.	700	2400	S.L. 5000'

FEATURES
Crew - 8

ARMAMENT
4 - MK43-1 Torpedoes + 8 - MK54 Depth Bombs or 4 - MK24 Torpedoes or 1 - MK90 Depth Bomb

NAVAER 1519 A (REV. 1-59)

CHARACTERISTICS SUMMARY

BASIC MISSION
ZS2G-1

WARM-UP, TAKE-OFF and CLIMB: 10 minutes fuel allowance at NRP at S.L.
CRUISE: At constant altitude at speed for best range or maximum endurance.
RESERVE: 10% of initial fuel load.

PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	SPEED
540 naut. mi.	1,080 naut. mi.	knots at ft.
40 knots avg.	40 knots avg.	knots at ft.
	*27.0 hours	73.0 knots at ft.
	*Max. endurance	T.O. Weight Normal Power
CLIMB	CEILING	TAKE OFF
2,400 ft./min.	ft.	1,440 ft. - Calm
Sea Level, T. O. wt. Normal Power	100 ft./min., T. O. wt. Power	Over 50 ft. obstacle 4,000 lbs. Heavy
	BALLONET CEILING	
	9,500 ft.	
LOAD	WEIGHTS	STALLING SPEED
Fuel 2,300 gal.	Empty 30,764 lbs.	knots
Fuel - total 2,300 gal.	Static Heaviness-6,000 lbs	Flaps down, T. O. wt.
Fuel - droppable - 1,600 gal.	Take-off 46,300 lbs.	TIME TO CLIMB
		ft. in min.
		Combat Wt., Max. Power

NOTES

Above performance based on contractor's flight tests.