CHARACTERISTICS SUMMARY

CONVOY ESCORT

GOODYEAR

ZS2G-1

VOLUME 670,000 cu. ft.
WIDTH 68 ft.
LENGTH 285' - 2"
HEIGHT 93'

<table>
<thead>
<tr>
<th>AVAILABILITY</th>
<th>PROCUREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUMBER AVAILABLE</td>
<td>NUMBER DELIVERED</td>
</tr>
<tr>
<td>ACTIVE</td>
<td>IN FISCAL YEARS</td>
</tr>
<tr>
<td>RESERVE</td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
</tr>
</tbody>
</table>

STATUS

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

ENGINES

(2) N.A.G. R-1300-4

<table>
<thead>
<tr>
<th>BHP</th>
<th>RPM</th>
<th>ALT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>T.O.</td>
<td>800</td>
<td>2600 S.L.</td>
</tr>
<tr>
<td>NORM.</td>
<td>700</td>
<td>2400 S.L.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3500'</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5000'</td>
</tr>
</tbody>
</table>

FEATURES

Crew - 8

ARMAMENT

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

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**CHARACTERISTICS SUMMARY**

**BASIC MISSION**

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.

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<table>
<thead>
<tr>
<th>PERFORMANCE</th>
<th></th>
<th>SPEED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COMBAT RADIUS</strong></td>
<td><strong>COMBAT RANGE</strong></td>
<td><strong>SPEED</strong></td>
</tr>
<tr>
<td>540 naut. mi.</td>
<td>1,080 naut. mi.</td>
<td>knots at 73.0 knots at</td>
</tr>
<tr>
<td>40 knots avg.</td>
<td>40 knots avg.</td>
<td>ft. T.O. Weight</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ft. Normal Power</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Max. endurance</td>
</tr>
</tbody>
</table>

**CLIMB**

2,400 ft./min.

Sea Level, T. O. wt.

Normal Power

**CEILING**

100 ft./min., T. O. wt.

Power

**TAKE OFF**

1,440 ft. - Calm

Over 50 ft. obstacle

4,000 lbs. Heavy

**BALLONET CEILING**

9,500 ft.

**LOAD**

Fuel 2,300 gal.

Fuel - total 2,300 gal.

Fuel - droppable - 1,600 gal.

**WEIGHTS**

Empty 30,764 lbs.

Static Heaviness - 6,000 lbs.

Take-off 46,300 lbs.

**STALLING SPEED**

Flaps down, T. O. wt.

TIME TO CLIMB

ft. in min.

Combat Wt., Max. Power

**NOTES**

Above performance based on contractor's flight tests.

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