Characteristics Summary

CARGO.................. C-54G

Wing area .................. 1457 sq ft
Length ..................... 93.4 ft
Span ....................... 117.5 ft
Height .................... 27.5 ft

AVAILABILITY

<table>
<thead>
<tr>
<th>ACTIVE</th>
<th>RESERVE</th>
<th>TOTAL</th>
</tr>
</thead>
</table>

PROCUREMENT

Number to be delivered in fiscal years

STATUS

1. Design initiated: Commercial (DC-4)
2. First flight: February 1942 (C-54)
3. First acceptance: June 1945
4. Production completed: January 1946
5. Navy designation: R5D-5

POWER PLANT

(4) R-2000-9
Pratt-Whitney
ENGINE RATINGS
BHP - RPM - ALT
T.O: 1450 - 2700
Mil: 1100 - 2550 - 8,000
Nor: 1100 - 2550 - 7500
1000 - 2550 - 17,000

FEATURES

<table>
<thead>
<tr>
<th>Crew:</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Troops:</td>
<td>49</td>
</tr>
<tr>
<td>Litters:</td>
<td>36</td>
</tr>
<tr>
<td>Attendants:</td>
<td>4</td>
</tr>
<tr>
<td>Loran:</td>
<td>Blind Landing Equipment</td>
</tr>
<tr>
<td>Glider Tow (prov):</td>
<td></td>
</tr>
<tr>
<td>Max Cargo:</td>
<td>29,000 lb</td>
</tr>
<tr>
<td>Max Fuel Cap:</td>
<td>3340 gal</td>
</tr>
</tbody>
</table>

ARMAMENT

NONE

18 MAY 1950
### Characteristics Summary Basic Mission

- **Combat Radius:** 1000 Nautical Miles
- **10,000 FT**

### Performance

<table>
<thead>
<tr>
<th>Combat Radius</th>
<th>Combat Range</th>
<th>Combat Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 naut. mi with 25,500 lb payload</td>
<td>1650 naut. mi with 25,500 lb payload</td>
<td>'250 knots at 10,000 ft alt.</td>
</tr>
<tr>
<td>at 171 knots avg. in 12.0 hours.</td>
<td>at 190 knots avg. in 8.8 hours.</td>
<td>MAXIMUM SPEED 267 knots at 18,000 ft alt, max power</td>
</tr>
</tbody>
</table>

### Climb

- **560** fpsm at sea level, take-off weight normal power
- **2280** fpsm at sea level, combat weight maximum power

### Ceiling

- **20100** ft at 100 fpsm, take-off weight normal power
- **28000** ft at 500 fpsm, combat weight maximum power

### Load Weights

| Cargo: 25,500 lb | Empty: 38,656 lb |
| Combat: 47,700 lb | Take-off: 82,500 lb |

### Stall Speed

87 knots flap down, take-off weight

### Time to Climb

**NOTES**

1. PERFORMANCE BASIS:
   (a) Flight test
   (b) Fuel density: 6.0 lb/gal
   (c) In computing Radius and Range, specific fuel consumptions have been increased 5% to allow for variation of fuel flow in service aircraft.

2. Majority of C-54G's equipped with R-2000 -9 engines; a few are equipped with R-2000 -11 engines.

3. REVISION BASIS: To show engine ratings and changes in "Status", "Features" and "Notes" blocks.

* IAS limited to 250 mph (217 kn) by T.O. AN 01-40NU-1.