### Characteristics Summary

**CARGO: C-119G**

"PACKET" FAIRCHILD

<table>
<thead>
<tr>
<th>Wing Area</th>
<th>1447.2 sq ft</th>
<th>Length</th>
<th>86.5 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Span</td>
<td>109.3 ft</td>
<td>Height</td>
<td>26.5 ft</td>
</tr>
</tbody>
</table>

### Availability

<table>
<thead>
<tr>
<th>Number available</th>
<th>Number to be delivered in fiscal years</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTIVE</td>
<td>RESERVE</td>
</tr>
</tbody>
</table>

### Status

1. Development of C-119 series
2. First Flight: Jun 52
3. First Acceptance (MDAP): Dec 52
4. First Acceptance (USAF): Jun 53
5. Differes from the C-119F by the installation of Aeroproducts propellers in lieu of Hamilton Std.

Navy Equivalent: None

Mfr's Model: M-110

### Power Plant

(2) R-3350-85 or -89 Wright

**ENGINE RATINGS**

BHP - RPM - ALT - MIN

- T.O.: †*3500-2900-5,800 - 5*

- Milt: †*3500-2900-4500 - 30*  
  †*3500-2900-3400 - 30*  
  † 3250-2600-15,400-30

- Nor: † 2600-2600-S.L. - Cont  
  † 2650-2600-6500 - Cont  
  † 2450-2600-16,600-Cont

† Low Blower
† High Blower
* Wet

### Features

- Reversible Props
- Thermal Anti-Icing
- Loran
- Aerial Delivery Provisions (Paracans)
- F-1 Auto Pilot

**Max Fuel Capacity:** 2590 gal

### General

- Crew: 5
- Troops (normal): 42
- Troops (max): 62
- Litters: 35
- Attendants: 4
- Emergency evacuation
- Troops: 62
- Litters: 14
- Attendants: 4

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3 MAR 55
### Characteristics Summary: Basic Mission - C-119G

#### Performance

<table>
<thead>
<tr>
<th>Combat Radius</th>
<th>Combat Range</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>750 naut. mi</td>
<td>1415 naut. mi</td>
<td>Combat 241 knots at 5000 ft alt, max power (dry)</td>
</tr>
<tr>
<td>with 15,858 lb payload</td>
<td>with 15,858 lb payload</td>
<td>Max 253 knots at 17,900 ft alt, max power (dry)</td>
</tr>
<tr>
<td>at 151 knots avg.</td>
<td>at 162 knots avg.</td>
<td>Basic 241 knots at 5000 ft alt, max power (dry)</td>
</tr>
<tr>
<td>in 10.0 hours.</td>
<td>in 8.8 hours</td>
<td></td>
</tr>
</tbody>
</table>

#### Climb

- 852 fpm sea level, take-off weight meto power
- 2315 fpm sea level, combat weight maximum power (dry)

#### Ceiling

- 21,580 ft 100 fpm, take-off weight meto power
- 25,870 ft 500 fpm, combat weight maximum power (dry)

#### Take-Off

- 3180 ft no assist (ft assisted)
- Over 50 ft height
- 5470 ft no assist (ft assisted)

#### Load Weights

| Cargo: 15,858 lb | Empty..... 40,785 lb |
| Fuel: 2224 gal | Combat... 49,782 lb |
| protected 100 % | Take - off 72,700 lb |
| droppable 0 % | limited by performance |
| external 0 % | |

#### Stalling Speed

94 knots power-off, landing configuration, take-off weight

#### Notes

1. Performance Basis:
   (a) Flight Test Data
3. Revision Basis: To reflect the latest flight test data.

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**C-119G**

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