Characteristics Summary

CARGO - C-119C

"Packet" FAIRCCHILD

Wing area .................................. 1447.2 sq ft Length .................................................. 86.5 ft
Span ............................................. 109.3 ft Height ................................................. 26.5 ft

**AVAILABILITY**

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

**STATUS**

1. Contract supplement approved: 10 Nov 1949
2. First flight: ................. Apr 1950
3. First acceptance: ............. Mar 1950
4. In production

Navy Equivalent: RQ-1

Mfr's Model: M-110

**POWER PLANT**

(2) R-4360-20WA
Pratt & Whitney

**ENGINE RATINGS**

BHP-RPM-ALT-MIN

T.O. *3500-2700 - S.L. - 5
3250-2700 - S.L. - 5

MIL: 3250-2700 - 1500 - 30
2500-2700 - 17,000 - 30

Nor: 2650-2550 - 6000 - Cont
2300-2550 - 18,000 - Cont

*Wet

**FEATURES**

Thermal Anti-icing
Loran
Glider Tow Provisions
Reversible Props
Max Fuel Capacity: 2624 gal

**GENERAL**

Crew: ............... 5
Troops (normal): .... 42
or Troops (max): .... 62
or Litters (max): ... 35
plus Attendants: .... 4
or Emergency Evacuation
Troops: .......... 62
plus Litters: ........ 14
plus Attendants: .... 4

22 MAY 1952

UNCLASSIFIED

C-119C
# Characteristics Summary Basic Mission

C-119C

![Diagram](attachment:image.png)

**Combat Radius** = 750 N. Miles

## Performance

<table>
<thead>
<tr>
<th><strong>Combat Radius</strong></th>
<th><strong>Combat Range</strong></th>
<th><strong>Speed</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>750 naut. mi</td>
<td>1420 naut. mi</td>
<td>COMBAT 244 knots at 5000 ft alt, max power</td>
</tr>
<tr>
<td>with 16,200 lb payload</td>
<td>with 16,200 lb payload</td>
<td>MAX 260 knots at 19,100 ft alt, max power</td>
</tr>
<tr>
<td>at 169 knots avg.</td>
<td>at 175 knots avg.</td>
<td>BASIC 244 knots at 5000 ft alt, max power</td>
</tr>
<tr>
<td>in 8.94 hours.</td>
<td>in 8.07 hours.</td>
<td></td>
</tr>
</tbody>
</table>

## Climb Ceiling Take-Off

<table>
<thead>
<tr>
<th><strong>Climb Ceiling</strong></th>
<th><strong>Take-Off</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>730 fpm sea level, take-off weight normal power</td>
<td>20,600 ft no assist</td>
</tr>
<tr>
<td>2200 fpm sea level, combat weight maximum power</td>
<td>4410 ft no assist</td>
</tr>
</tbody>
</table>

## Load Weights Stalling Speed

<table>
<thead>
<tr>
<th><strong>Cargo:</strong></th>
<th><strong>Empty:</strong></th>
<th><strong>Combat:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>16,200 lb</td>
<td>39,942 lb</td>
<td>49,350 lb</td>
</tr>
<tr>
<td><strong>Fuel:</strong></td>
<td><strong>Take-off:</strong></td>
<td></td>
</tr>
<tr>
<td>2382 gal</td>
<td>73,150 lb</td>
<td></td>
</tr>
<tr>
<td>protected 100%</td>
<td>limited by performance</td>
<td></td>
</tr>
<tr>
<td>droppable 0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>external 0%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Time to Climb

95 knots flaps down, take-off weight

## Notes

1. PERFORMANCE BASIS: (a) Flight test
2. REVISION BASIS: To conform to MIL-C-5011A