Characteristics Summary

C-124A

wing area .................................. 2510 sq ft
Length ..................................... 127.1 ft
Span .......................................... 173.3 ft
Height ...................................... 48.3 ft

AVAILABILITY

<table>
<thead>
<tr>
<th>Number available</th>
<th>PROCUREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTIVE</td>
<td>RESERVE</td>
</tr>
</tbody>
</table>

STATUS

1. Design initiated: ...................... Nov 47
2. First flight: ......................... 18 Apr 50
3. First acceptance: .................... 23 Apr 50
4. In current production

Navy Equivalent: None

POWER PLANT

(4)R-4360-2GW
Pratt & Whitney

ENGINE RATINGS

BHP - RPM - ALT - MIN
TO* 3500 - 2700 - 5
3250 - 2700 - S.L. - 5
Mil: 2500 - 2700 - 1500 - 30
2500 - 2700 - 17,000 - 30
Nor: 2550 - 2550 - 8000 - Cont
2300 - 2550 - 16,000 - Cont
*Wet

Note: Some C-124A's may have R-4360-20 WA engines installed.

FEATURES

Thermal Anti-icing
Loran
Stowable Aux.Floor
Integral Loading Ramps
Elevator
Traveling Hoist (2) 16,000 lb
Max Fuel Capacity: 18,651 gal.

GENERAL

Crew: ......................... 5
Troops: ......................... 200
or
Litters(level): ............ 127
or
Litters(inclined): ............ 89
Att. or Ambulatory Patients: ........ 25
or
Max Cargo: ............ *74,000 lb
Limited by structure

Mfr's Model: 1129A

22 AUG 1952

UNCLASSIFIED

C-124 A
Characteristics Summary Basic Mission... C-124A

**PERFORMANCE**

<table>
<thead>
<tr>
<th>COMBAT RADIUS</th>
<th>COMBAT RANGE</th>
<th>SPEED</th>
<th>POINT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 naut. mi</td>
<td>1792 naut. mi</td>
<td>COMBAT 271 knots at 10,000 ft alt, max power</td>
<td></td>
</tr>
<tr>
<td>with 62,880 lb payload</td>
<td>with 62,880 lb payload</td>
<td>MAX 274 knots at 19,600 ft alt, max power</td>
<td></td>
</tr>
<tr>
<td>at 180 knots avg.</td>
<td>at 183 knots avg.</td>
<td>BASIC 256 knots at 5000 ft alt, max power</td>
<td></td>
</tr>
<tr>
<td>in 11.15 hours.</td>
<td>in 9.84 hours.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CLIMB**

<table>
<thead>
<tr>
<th>500 fpm</th>
<th>15,100 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>sea level, take-off weight normal power</td>
<td>100 fpm, take-off weight normal power</td>
</tr>
</tbody>
</table>

**CEILING**

<table>
<thead>
<tr>
<th>1930 fpm</th>
<th>23,400 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>sea level, combat weight maximum power</td>
<td>500 fpm, combat weight maximum power</td>
</tr>
</tbody>
</table>

**LOAD WEIGHS**

<table>
<thead>
<tr>
<th>Cargo: 62,880 lb</th>
<th>Empty..... 96,726 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel: 5844 gal</td>
<td>Combat... 117,600 lb</td>
</tr>
<tr>
<td>protected 0 %</td>
<td>Take - off 200,000 lb</td>
</tr>
<tr>
<td>droppable 0 %</td>
<td>limited by performance</td>
</tr>
<tr>
<td>external 0 %</td>
<td></td>
</tr>
</tbody>
</table>

**STALLING SPEED**

99 knots flaps down, take-off weight

**TIME TO CLIMB**

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**NOTES**

1. PERFORMANCE BASIS:
   (a) Flight test
   (b) Limited by structure

2. REVISION BASIS: To conform to MIL-C-5011A