## CHARACTERISTICS SUMMARY

### Utility

**DE HAVILLAND**

**UC-1**

<table>
<thead>
<tr>
<th>Wing Area</th>
<th>375.0 Sq. Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wing Span</td>
<td>58' 0&quot;</td>
</tr>
<tr>
<td>Length</td>
<td>41' 10&quot;</td>
</tr>
<tr>
<td>Height</td>
<td>12' 7&quot;</td>
</tr>
</tbody>
</table>

### Availability

<table>
<thead>
<tr>
<th>Number Available</th>
<th>Number Delivered in Fiscal Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTIVE</td>
<td>RESERVE</td>
</tr>
</tbody>
</table>

### Status

"Off-the-shelf" procurement for Dept. of the Army

### Engines

(1) R-1340-59

<table>
<thead>
<tr>
<th>BHP.</th>
<th>RPM.</th>
<th>ALT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>T.O.</td>
<td>600</td>
<td>2,250 S.L.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>to 3000'</td>
</tr>
<tr>
<td>NORM.</td>
<td>550</td>
<td>2,200 5000'</td>
</tr>
</tbody>
</table>

### Features

- Crew: 1
- Prov. for 1h pass.
- A/C may be utilized for liaison, rescue ambulance, etc.
- Prov. for wheel-ski combination

### Cargo

**CAPACITIES**

- Floor area volumes:
  - Storage Compt.: 8.5 Sq. Ft.
  - 38 Cu. Ft.
- Aft. Sect.: 1h Cu.Ft.
- Door: Side: Ht.-Width: Rt. 3.5' 2.6', Lft. 3.6' 3.9'
### CHARACTERISTICS SUMMARY

#### BASIC MISSION
UC-1

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**S. L.**

\[ S. \text{ L.} \leq 5,000 \text{ Ft.} \]

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### PERFORMANCE

<table>
<thead>
<tr>
<th>COMBAT RADIUS</th>
<th>COMBAT RANGE</th>
<th>SPEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>358 naut. mi.</td>
<td>895 naut. mi.</td>
<td>129 knots at S. L.</td>
</tr>
<tr>
<td>111 knots avg.</td>
<td>111 knots avg.</td>
<td>135 knots at 5,000 ft.</td>
</tr>
</tbody>
</table>

Radius = 40% range

1,700 lb. payload

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### CLIMB

**CLIMB**

1,100 ft./min.

Sea Level, T. O. wt., T.O. Power

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### CEILING

**CEILING**

19,000 ft.

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

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### TAKE OFF

**TAKE OFF**

600 Ft. calm

No assist

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### LOAD

**LOAD**

Fuel 21\frac{1}{4} gal.

fixed 21\frac{1}{4} drop

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### WEIGHTS

**WEIGHTS**

Empty lbs.

Combat 7,086 lbs.

Take-off 7,600 lbs.

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### STALLING SPEED

39.1 knots

Flaps down, T. O. wt.

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### TIME TO CLIMB

ft. in min.

Combat Wt., Max. Power

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### NOTES

Performance Basis: Contractor's data not substantiated by BUAER.

1. Land plane gross weight has been increased to 8,000 pounds — performance data not available at increased weight.

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**Naval Air Systems Command (NASC)**

**Naval Aircraft Factory (NAF)**

**Naval Aircraft Factory, Atlantic City, N. J.**

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**UC-1**

**D21742**

15 July 1956