Characteristics Summary

LIAISON .............................................. L-5G

"SENTINEL"  CONSOLIDATED-VULTEE

Wing area ......................... 155.0 sq ft  Length .............................. 24.1 ft
Span ....................................... 34.0 ft  Height .............................. 7.1 ft

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

STATUS

1. First acceptance: ...................................... July 1945
2. Production completed: .............................. August 1945

Navy Designation: OY-2

Mfr’s Model: V-76

POWER PLANT

(1) 0-435-11 Lycoming
BHP-RPM-ALT-MIN
T.O: 190-2550-S.L.-Cont
Nor: 190-2550-S.L.-Cont

FEATURES

Crew: 2
Provisions for K-20 Camera and Floats
One Litter Patient or 200 lbs. Cargo with One Crew
Max Fuel Capacity: 36 gal.

ARMAMENT

NONE
### Characteristics Summary Basic Mission

**L-5G**

**Combat Radius** = 144 Nautical Miles

**Performance**

<table>
<thead>
<tr>
<th><strong>Combination Range</strong></th>
<th><strong>Combat Range</strong></th>
<th><strong>Combat Speed</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>313 naut. mi</td>
<td>313 naut. mi</td>
<td>111 knots at 5000 ft alt, max power</td>
</tr>
</tbody>
</table>

**Climb Ceiling**

- Sea level, take-off weight, normal power: 1050 fpm
- Sea level, combat weight, maximum power: 1130 fpm

**Take-off**

- Ground run: 14,000 ft
- Over 50 ft height: 12,200 ft

**Load Weights**

- Cargo: None
- Empty: 1600 lb
- Combat: 1963 lb
- Take-off: 2066 lb

**Stalling Speed**

- 43 knots

**Time to Climb**

**Notes**

1. **Performance Basis**: NACA standard conditions no wind, single airplane;
   (a) Fuel consumption based on flight tests increased 5%. 
   (b) Engine limitation
   (c) Performance is based on max and normal power of 185 BHP.

2. **Revision Basis**: To correct aircraft manufacturer and engine ratings.