Characteristics Summary

DRONE

<table>
<thead>
<tr>
<th>Wing Area</th>
<th>18.7 sq ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>12.3 ft</td>
</tr>
<tr>
<td>Span</td>
<td>11.5 ft</td>
</tr>
<tr>
<td>Height</td>
<td>2.7 ft</td>
</tr>
</tbody>
</table>

RADIOPLANE

**AVAILABILITY**

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

**PROCUREMENT**

<table>
<thead>
<tr>
<th>Number to be delivered in fiscal years</th>
</tr>
</thead>
</table>

**STATUS**

1. Project initiated: 2 Mar 49
2. Project S-448-101 Initiated: 31 Jan 52
3. Final Contract: 12 Oct 49
4. First Flight (Prototype-modified OQ-19A): 29 Jul 49

Navy Equivalent: None

**POWER PLANT**

(1) 0-100-1
McCulloch

THRUST RATINGS

BHP- RPM-ALT- MIN
T.O: *72 - 4100 - SL - *
Nor: *72 - 4100 - SL - Cont

*Engine operates at full throttle at all times.

BOOSTER
No. & Type (1) M-2
Thrust (lb) 2160
Duration (sec) N.A.

**FEATURES**

- Designed for Anti-aircraft Gunnery
- Keel Alighting Gear
- Integral Flotation System
- Fuel consists of a 10 to 1 Ratio of Gasoline and Oil

Max Fuel Cap: 11.3 gal

**GUIDANCE**

RADIO
Transmitter... AN/URW-3
Receiver... AN/ARW-26AY

CONTROL
Control System... C-2
Aileron and Elev Servo D-8
Vertical Gyro... K-7
Controller... J-1

Mfr's Model: None
### Characteristics Summary Basic Mission

**DRONE**

**UNCLASSIFIED**

**OQ-19B**

**NOT AVAILABLE**

**GUNNERY TRAINER**

#### PERFORMANCE

<table>
<thead>
<tr>
<th>ENDURANCE</th>
<th>RANGE</th>
<th>SPEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 minutes at sea level</td>
<td>NOT AVAILABLE</td>
<td>naut mi.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>with lb payload</td>
</tr>
<tr>
<td></td>
<td></td>
<td>at knots avg.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>in hours</td>
</tr>
</tbody>
</table>

#### LAUNCHING

- **Ground**
  - Type A-7 Catapult with ATO unit mounted on rocket car
  - Model A-2 Rotary Launcher
  - Suspended and launched from B-26C aircraft

#### CLIMB

- 3060 fpm
  - sea level, launching wt., nor power

#### ALTITUDE

- Begin Cruise ft.
- End Cruise ft.

#### LOAD WEIGHS

<table>
<thead>
<tr>
<th>Fuel:</th>
<th>Empty 254 lb</th>
<th>Launch 322 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>projected</td>
<td></td>
<td></td>
</tr>
<tr>
<td>droppable</td>
<td>0 %</td>
<td></td>
</tr>
<tr>
<td>external</td>
<td>0 %</td>
<td></td>
</tr>
</tbody>
</table>

#### TARGET ACCURACY

- NOT APPLICABLE

#### NOTES

1. PERFORMANCE BASIS:
   - (a) Estimated data (Not substantiated by WADC)

2. REVISION BASIS: To reflect latest characteristics data.