### Characteristics Summary

#### DRONE OQ-19D

- **Wing Area**: 18.7 sq ft
- **Length**: 12.3 ft
- **Span**: 11.5 ft
- **Height**: 2.7 ft

#### RADIOPLANE

- **AVAILABILITY**
  - Number available
  - **ACTIVE**
  - **RESERVE**
  - **TOTAL**

- **PROCUREMENT**
  - Number to be delivered in fiscal years

#### STATUS

1. Project No. R-448-78 Initiated: 2 Mar 49
2. Project No. R-448-101 Initiated: 31 Jan 52
3. Final Contract: 12 Oct 49
4. First Flight (Prototype-modified OQ-19A): 29 Jul 49
5. The OQ-19D differs from the OQ-19B by change in the guidance equipment.

- **Navy Equivalent**: None
- **Mfr's Model**: None

#### POWER PLANT

- **(1) O-100-1 McCulloch**

#### THRUST RATINGS

- **BHP-RPM**: SL - 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)**: 2150
  - **Duration (sec)**: N.A.

#### FEATURES

- Designed for Anti-aircraft
- Gun Nary
- Keel Allighting Gear
- Integral Flotation System
- Fuel Consists of a 10 to 1 Ratio of Gasoline and Oil

#### GUIDANCE

- **RADIO**
  - Transmitter: AN/URW-3
  - Receiver: AN/ARW-28AY

- **CONTROL**
  - Control System: MA-1
  - Alleron Gyro System: E16A
  - Elevator Servo: D-7

- **Max Fuel Cap**: 11.3 gal

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8 MAR 54
### Characteristics Summary Basic Mission

---

**NOT AVAILABLE**

**GUNNERY TRAINER**

### PERFORMANCE

<table>
<thead>
<tr>
<th>ENDURANCE</th>
<th>RANGE</th>
<th>SPEED</th>
</tr>
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<tbody>
<tr>
<td>60 minutes at sea</td>
<td>NOT AVAILABLE naut mi.</td>
<td>MAX 180 knots at sea level, normal power</td>
</tr>
<tr>
<td>level</td>
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</tbody>
</table>

### LAUNCHING

- **Ground**
  - Type A-7 Catapult with ATO unit mounted on rocket car or Model A-2 Rotary Launcher Air
  - Suspended and launched from B-29C aircraft

### CLIMB

- 3060 fpm sea level, launching wt., normal power

### ALTITUDE

- Begin Cruise ft.
- NOT AVAILABLE
- End Cruise ft.

### LOAD WEIGTHS TARGET ACCURACY

<p>| | | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Empty</td>
<td>248 lb</td>
<td>NOT APPLICABLE</td>
</tr>
<tr>
<td>Launch</td>
<td>317 lb</td>
<td></td>
</tr>
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</table>

### NOTES

1. PERFORMANCE BASIS:
   - (a) Estimated data (Not substantiated by WADC)
2. REVISION BASIS: To reflect latest characteristics data.