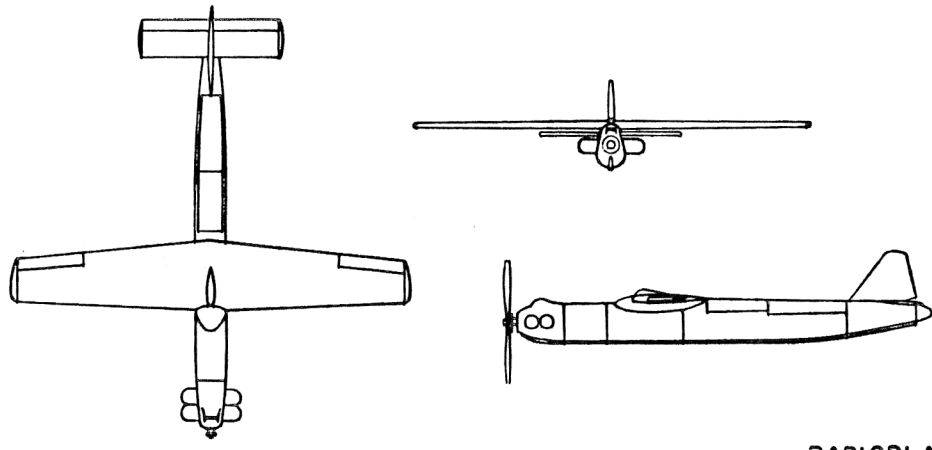


# Characteristics Summary

DRONE . . . . . OQ-19B



RADIOPLANE

Wing Area . . . . . 18.7 sq ft      Length . . . . . 12.3 ft  
 Span . . . . . 11.5 ft      Height . . . . . 2.7 ft

AVAILABILITY			PROCUREMENT			
Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

## 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      Mfr's Model: None

**POWER PLANT**

(1) O-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

*Duplicate in Black Book 8/25/58*

*There are 2 duplicate one in this date: the one in the file and the one in the Black Book. 4 Sep 58*

*Characteristics Summary Basic Mission* ..... OQ-19B

NOT AVAILABLE

————— GUNNERY TRAINER —————

<b>P E R F O R M A N C E</b>		
<b>ENDURANCE</b>	<b>RANGE</b>	<b>S P E E D</b>
60 minutes at sea level	NOT AVAILABLE  naut mi.  with lb payload  at knots avg.  in hours	MAX <b>180</b> knots at sea level, normal power
<b>LAUNCHING</b>	<b>CLIMB</b>	<b>ALTITUDE</b>
<u>Ground</u> Type A-7 Catapult with ATO unit mounted on rocket car or Model A-2 Rotary Launcher <u>Air</u> Suspended and launched from B-26C aircraft	<b>3060</b> fpm sea level, launching wt., nor power	Begin Cruise ft.  NOT AVAILABLE  End Cruise ft.
<b>L O A D</b>	<b>W E I G H T S</b>	<b>TARGET ACCURACY</b>
Fuel: <b>11.3 gal</b> protected 0 % droppable 0 % external 0 %	Empty 254 lb  Launch 322 lb	NOT APPLICABLE

**N O T E S**

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

2. REVISION BASIS: To reflect latest characteristics data.