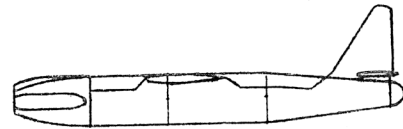
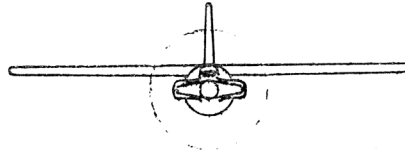
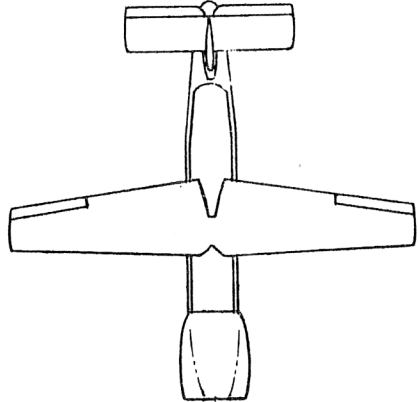


Characteristics Summary

DRONE XQ-10



RADIOPLANE

Wing Area 18.6 sq ft Length 11.3 ft
 Span 11.5 ft Height 3.4 ft

AVAILABILITY

PROCUREMENT

Number available

Number to be delivered in fiscal years

ACTIVE	RESERVE	TOTAL

STATUS

The vehicle is being developed under Contract AF-25933 for the purpose of investigating the feasibility of using plastic fiberglass laminates to replace aluminum as a major structural material in missiles and aircraft. The design is similar to the OQ-19D drone except that the configuration has been changed to more advantageously utilize the plastic laminate materials.

Navy Equivalent: None

Mfr's Model: RP-62

POWER PLANT

(1) O-100-1 (Modified)
McCulloch

BHP - RPMSL MIN

T.O: *72 - 4400 - SL Cont

Nor: *72 - 4400 - SL Cont

* Engine operates at full throttle at all times.

FEATURES

Remotely controlled aerial target for automatic weapons training.

Basic OQ-19D adapted to plastic construction.

Completely cowled engine. Flush type antenna.

Air-launched or ground-launched from A-2 launcher.

Recoverable thru parachute deployed from aft of vehicle-impact absorbed by internal keel.

Fuel consists of a 10 to 1 ratio of Gasoline and Oil.

Max Fuel Capacity: 11.6 gal

GUIDANCE

RADIO

Transmitter AN/URW-3

Receiver

..... R-196D/ARW-26Y

CONTROL

Aileron Gyro-Servo

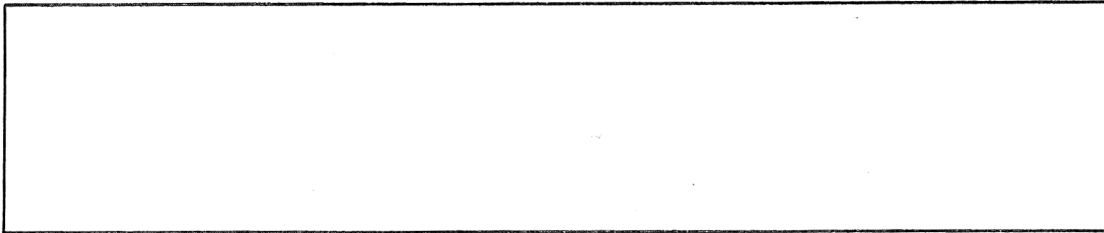
System E-16A

Elevator Servo..... D-7

*Deleted: 5th Ed;
 Add. Nr. 6; 6 Jun 58
 This is a duplicate
 for the data.*

*Deleted Black Book, 5th Ed
 Serial 5740C - 1983
 6/6/58 Addendum No. 6*

Characteristics Summary Basic Mission XQ-10



PERFORMANCE

ENDURANCE	RANGE	S P E E D	
	naut mi.	CRUISE	knots at power
	with lb payload	MAX	knots at power
	at knots avg.	MIN	knots at power
	in hours		

LAUNCHING	CLIMB	ALTITUDE	
	fpm sea level, launching wt., max power	Begin Cruise	ft.
	fpm ft alt, begin cruise wt., max power	End Cruise	ft.

L O A D	W E I G H T S	TARGET ACCURACY
	Empty lb	
	End Cruise lb	
Fuel: gal	Launch lb	
protected %	Limited by	
droppable %		
external %		

N O T E S

1. PERFORMANCE BASIS:
 - (a) Data will be supplied when available.
2. REVISION BASIS: Initial Issue