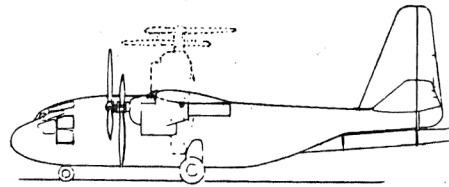
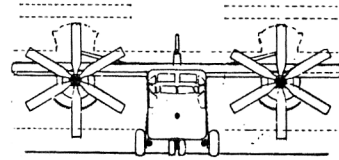
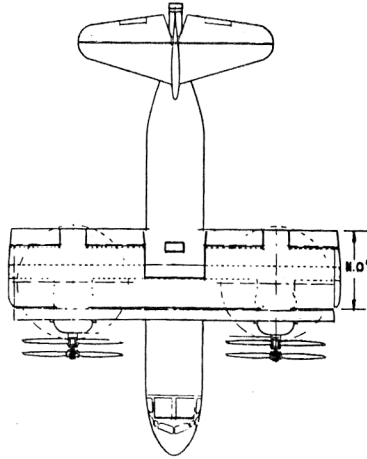


# Characteristics Summary

RESEARCH ..... X-18



HILLER

Wing Area ..... 611 sq ft    Length ..... 63.0 ft  
 Span ..... 48.0 ft    Height ..... 24.7 ft

AVAILABILITY			PROCUREMENT			
Number available			Number to be delivered in fiscal years			
TEST	INVENTORY	TOTAL				

## STATUS

1. Design initiated: Jun 56
2. Ground Testing: Jan 59 to Jul 59
3. Flight Testing: Nov 59 - Jul 60

Navy Equivalent: None

Mfr's Model: 1051

## POWER PLANT

(2) YT40-A-14  
Allison

### ENGINE RATINGS

S.L. Static ESHP-RPM- MIN  
 T.O: 5850 - 14,300 - 5  
 Mil: 5850 - 14,300 - 30  
 Nor: 4954 - 14,300 - Cont

### Pitch Control Engine

(1) J34-W-36  
Westinghouse

S.L. Static LB - RPM - MIN  
 Max: 3400 - 12,500 - 5  
 Mil: 3400 - 12,500 - 30  
 Nor: 3000 - 12,000 - Cont

## FEATURES

Crew:  
 Pilot & Co-pilot  
 Tilting wing  
 Dual controls  
 6 Blade dual-rotating props  
 Tail pitch control engine  
 Ejection seats (2)

Max fuel capacity: 1000 gal

## ELECTRONICS

VHF radio ..... ARC34

Interphone ..... AIC-10A

