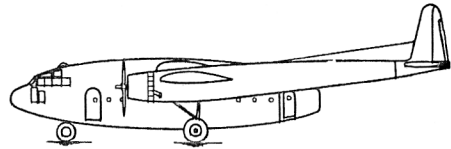
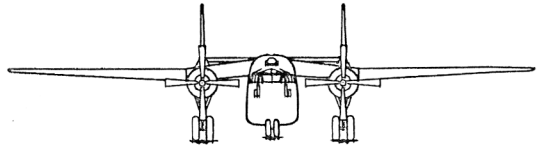
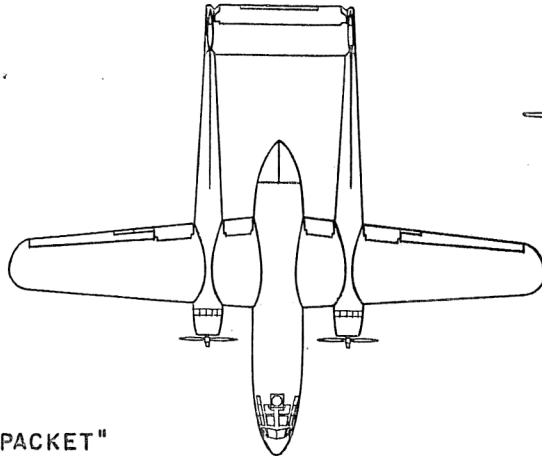


# Characteristics Summary

CARGO . . . . . C-119G

*Revised to reflect latest flight test data 3 Mar 58*

*Duplicate*



"PACKET"

FAIRCHILD

Wing Area . . . . . 1447.2 sq ft    Length . . . . . 86.5 ft  
 Span . . . . . 109.3 ft    Height . . . . . 26.5 ft

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

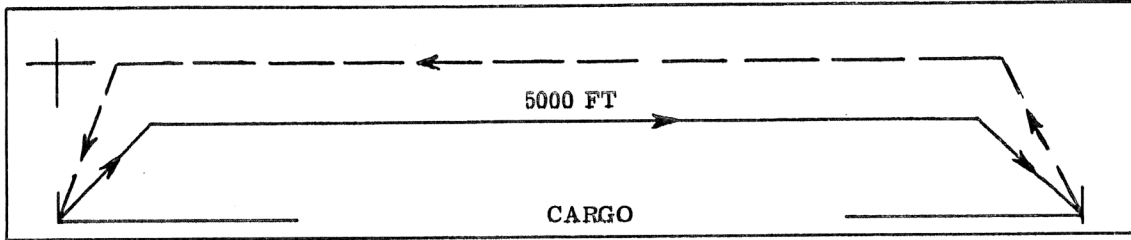
STATUS	
1. Development of C-119 series	6. Production Completed: Oct 55
2. First Flight: Jun 52	
3. First Acceptance (MDAP): Dec 52	
4. First Acceptance (USAF): Jun 53	
5. Differs from the C-119F by the installation of Aero products propellers in lieu of Hamilton Std.	
Navy Equivalent: None	Mfr's Model: M-110

POWER PLANT
(2) R-3350-85 or -89 Wright
ENGINE RATINGS
BHP -RPM-ALT -MIN
T.O: *3500-2900-S.L. -5
3250-2900-S.L. -5
Mil: *3500-2900-4500 -30
3250-2900-3400 -30
2550-2600-15,400-30
Nor: 2650-2600-6500 -Cont
2450-2600-16,600-Cont
*Wet

FEATURES
Reversible Props
Thermal Anti-icing
Loran
Aerial Delivery Provisions (Paracans)
F-1 Auto Pilot
Max Fuel Capacity: 2590 gal

GENERAL
Crew . . . . . 5
Troops(normal) . . . . . 42
or
Troops (max) . . . . . 62
or
Litters . . . . . 35
plus
Attendants . . . . . 4
or Emergency evacuation
Troops . . . . . 62
Litters . . . . . 14
plus
Attendants . . . . . 4

*Characteristics Summary Basic Mission . . . . . C-119G*



<b>PERFORMANCE</b>		
<b>COMBAT RADIUS</b>	<b>COMBAT RANGE</b>	<b>S P E E D</b>
750 naut. mi with 20,600 lb payload at 154 knots avg. in 9.9 hours.	1391 naut. mi with 20,600 gal fuel at 167 knots avg. in 8.3 hours	COMBAT 248 knots at 5000 ft alt, max power (dry) MAX 263 knots at 17,900 ft alt, max power (dry) BASIC 248 knots at 5000 ft alt, max power (dry)
<b>C L I M B</b>	<b>C E I L I N G</b>	<b>T A K E - O F F</b>
820 fpm sea level, take-off weight normal power	21,900 ft 100 fpm, take-off weight normal power	ground run 3670 ft   — ft no assist   assisted
2370 fpm sea level, combat weight maximum power (dry)	27,100 ft 500 fpm, combat weight maximum power (dry)	over 50 ft height 6160 ft   — ft no assist   assisted
<b>L O A D</b>	<b>W E I G H T S</b>	<b>S T A L L I N G S P E E D</b>
Cargo: 20,600 lb  Fuel: 2150 gal protected 100 % droppable 0 % external 0 %	Empty..... 40,785 lb Combat... 49,496 lb Take - off 77,000 lb  limited by Ground Handling	97 knots power-off, landing config- uration, take-off weight  <b>TIME TO CLIMB</b>  —————

**N O T E S**

1. Performance Basis:  
(a) Flight Test Data  
2. Performance Reference: Fairchild Report No. R 110-044, dated March 1955.  
3. Revision Basis: To reflect the latest flight test data.