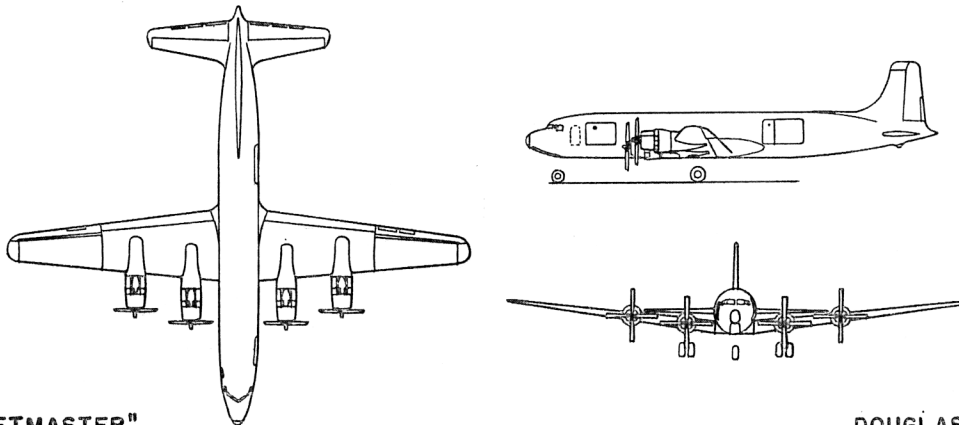


Characteristics Summary

CARGO C-118A



"LIFTMASTER"

DOUGLAS

Wing Area 1463 sq ft Length 106.8 ft
 Span 117.5 ft Height 28.8 ft

AVAILABILITY

PROCUREMENT

Number available

Number to be delivered in fiscal years

ACTIVE	RESERVE	TOTAL				

STATUS

1. The C-118A is a development of the DC-6A.
2. First Acceptance: Jul 52.

Navy Equivalent: R6D-1

Mfr's Model: DC-6A

POWER PLANT

(4) R-2800-52W
Pratt & Whitney

ENGINE RATINGS

BHP-RPM-ALT - MIN
 T.O: *2500 - 2800 - 2500 - 5
 2200 - 2800 - 4500 - 5

Nor: 1900-2600-7000 - Cont
 1700-2600-14,500- Cont

* Wet

FEATURES

Cabin Pressurization

Reverse Pitch Props

Thermal Anti-icing

Air Conditioning

Loran

E-4 Autopilot

Max Fuel Cap: 5404 gal

PERSONNEL

Crew 4

Passengers (prov) . . . 74
or

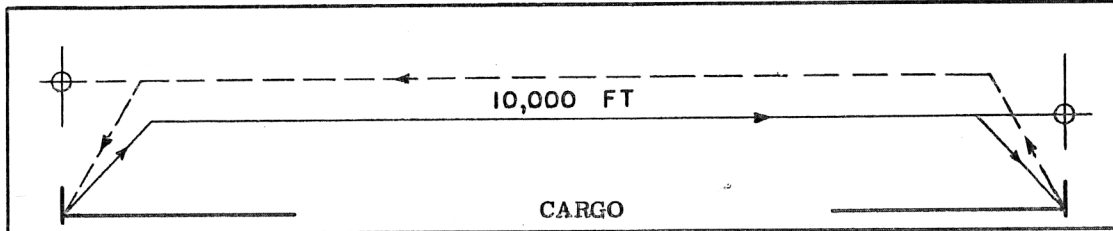
Troops 76
or

Litters 60
plus

Attendants 6 - 8

*Duplicate in
Black Book
8/29/58*

Characteristics Summary Basic Mission C-118A



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	S P E E D
1000 naut. mi with 38,663 lb payload at 198 knots avg. in 10.2 hours.	1705 naut. mi with 38,663 lb payload at 229 knots avg. in 7.6 hours	(*note b) COMBAT *292 knots at 10,000 ft alt, max power MAX *320 knots at 18,800 ft alt, max power BASIC *312 knots at 25,000 ft alt, max power
C L I M B	C F I L I N G	T A K E - O F F
700 fpm sea level, take-off weight normal power	18,000 ft 100 fpm, take-off weight normal power	ground run 5050 ft — ft no assist assisted
2520 fpm sea level, combat weight maximum power	25,200 ft 500 fpm, combat weight maximum power	over 50 ft height 6370 ft — ft no assist assisted
L O A D	W E I G H T S	S T A L L I N G S P E E D
Cargo: 38,663 lb Fuel: 3837 gal protected 0 % droppable 0 % external 0 %	Empty..... 56,809 lb Combat... 69,337 lb Take - off 121,993 lb limited by mission and max landing weight of 108,000 lb.	97 knots power-off, landing config- uration, take-off weight
		T I M E T O C L I M B
		—

- N O T E S**
- Performance Basis:
 - DC-6B Flight Test (Not substantiated by WADC)
 - Limited by structural placard.
 - Performance Reference: Douglas Report No. SM 13930A "C-118A, DC-6B Performance Data", dated July 1952.
 - Revision Basis: To reflect revised empty weights and change in number of personnel.