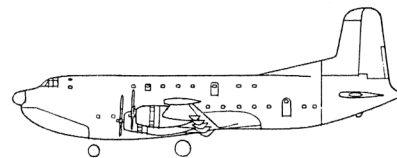
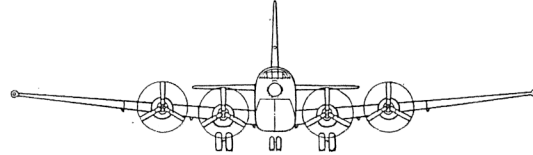
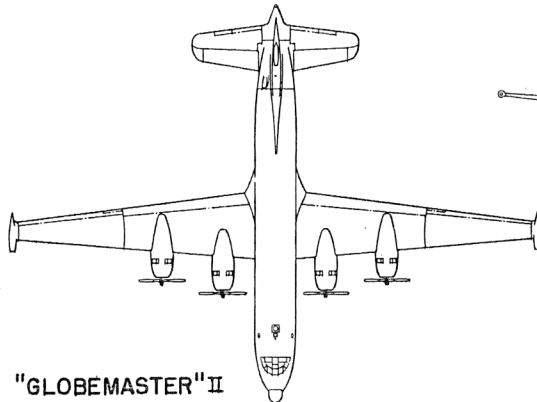


*Duplicate in Black Book  
8/29/58*

# Characteristics Summary

CARGO. . . . . C124C



"GLOBEMASTER" II

DOUGLAS

Wing area ..... 2506 sq ft    Length..... 130.0 ft  
 Span ..... 174.1 ft    Height ..... 48.3 ft

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

## STATUS

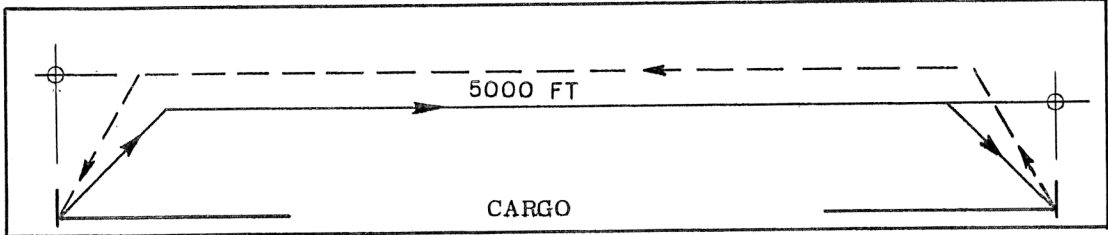
- |  |  |
|--|--|
| 1. The C-124C is similar to the later C-124A airplanes except for change to R4360-63 engines and new propellers. | 2. Contract Date: ..... Aug 51           |
|  | 3. First Flight: ..... Feb 53            |
|  | 4. First Acceptance: ..... Feb 53        |
|  | 5. Production Completed . . . . . Apr 55 |

Navy Equivalent: None

Mfr's Model: 1317

POWER PLANT	FEATURES	GENERAL
(4) R-4360-63 Pratt & Whitney  <b>ENGINE RATINGS</b>  <b>BHP - RPM-ALT-MIN</b>  T.O. *3800-2800-S.L. - 5 3400-2800-2000- 5  Mil: *3800-2800-S.L. - 30 3400-2800-2000 - 30  Nor: 2800-2600-5000-Cont 2450-2600-15,000-Cont  *Wet	Wing Tip Heaters(anti-icing) Thermal Anti-icing Single-Point Fueling Integral Loading Ramps Traveling Hoist (16,000 lb) Loading Elevator Stowable Auxiliary Floor Search and Obstacle Avoidance Radar   Max Fuel Capacity: 11,128 gal	Crew (normal): *5 Troops: 200 or Litters (level) 127 or Litters(inclined): 89 plus Attendants: 31 or Ambulatory Patients: 31 <b>CAPACITIES</b> Main Cabin Vol: 10,000cu ft Floor Area (main): 900sq ft Floor Area (aux.): 560sq ft Max Cargo: **72,296 lb * Relief crew of 3 for long flights **Limited by zero fuel

*Characteristics Summary Basic Mission* ..... C-124 C



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	S P E E D
1000 naut. mi with 68,000 lb payload at 178 knots avg. in 11.4 hours.	1700 naut. mi with 68,000 lb payload at 190 knots avg. in 9.0 hours	COMBAT 254 knots at 5000 ft alt, limited by structure MAX 278 knots at 20,200 ft alt, mil power BASIC 254 knots at 5000 ft alt, limited by structure
C L I M B	C E I L I N G	T A K E - O F F
500 fpm sea level, take-off weight normal power	12,950 ft 100 fpm, take-off weight normal power	ground run 5520 ft   — ft no assist   assisted
2025 fpm sea level, combat weight military power	26,400 ft 500 fpm, combat weight military power	over 50 ft height 7380 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: 68,000 lb  Fuel: 6948 gal protected 0% droppable 0% external 0%	Empty..... 101,165 lb Combat... 123,700 lb Take - off 216,400 lb  limited by performance	105 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. REVISION BASIS : Data reCOORDINATED this date.