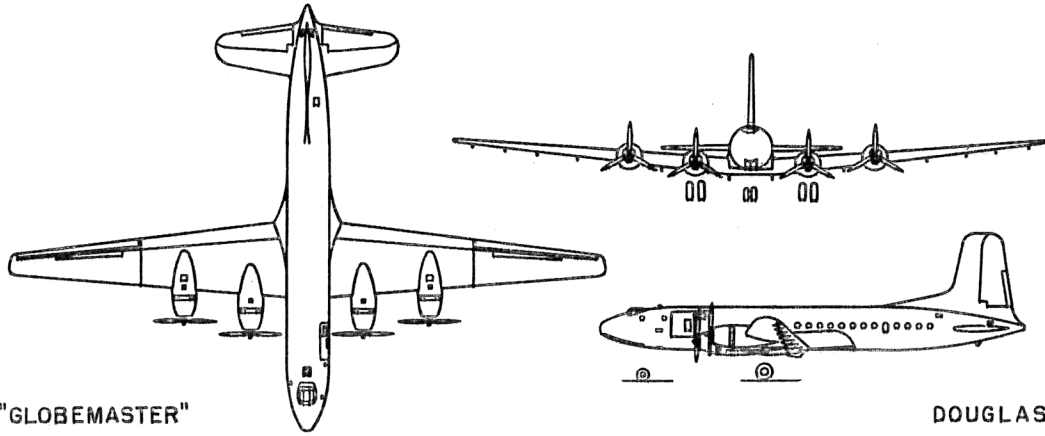


Characteristics Summary

CARGO C-74



Wing Area 2510 sq ft Length 124.2 ft
 Span 173.3 ft Height 43.8 ft

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

STATUS

- | | |
|-----------------------------|---------------------------------|
| 1. Design Initiated: Jan 42 | 4. Production completed: Jan 46 |
| 2. Contract Date: Jun 42 | 5. Commercial Designation: DC-7 |
| 3. First Acceptance: Sep 45 | |

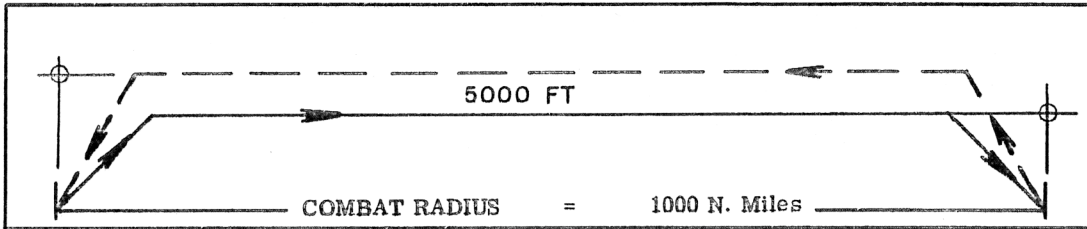
Navy Equivalent: None

Mfr's Model: 415A

POWER PLANT	FEATURES	GENERAL
(4) R-4360-49 Pratt & Whitney ENGINE RATINGS BHP - RPM-ALT-MIN T.O. *3500 - 2700 - S.L.-5 3250 - 2700 - S.L.-5 Mil: *3500 -2700-Turbo-30 3250 -2700-Turbo-30 Nor: 2650-2550-Turbo-Cont * Wet (Water injection not utilized in C-74)	Reverse Pitch Props A-12 Auto Pilot Emergency Air Brakes Traveling Crane Hoist Thermal Anti-icing Max Fuel Capacity: 11,100gal	Crew (normal): 9 Troops (max): 125 or Litters (level): 115 or Litters (inclined): 61 plus Attendants: 4 CAPACITIES Main Compart. (vol) 6466 cu ft Main Compart. (area) 814 sq ft Lower Compart. (vol) 816 cu ft MAIN LOADING DOOR Length 10.4 ft Height 10.0 ft Height from Grd 11.9 ft

There is a select copy for this date

Characteristics Summary Basic Mission C-74



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	S P E E D (b)
1000 naut. mi with 48,149 lb payload at 170 knots avg. in 11.8 hours.	1825 naut. mi with 48,149 lb payload at 184 knots avg. in 9.9 hours.	COMBAT 264 knots at 5000 ft alt, max power MAX 285 knots at 10,000 ft alt, max power BASIC 264 knots at 5000 ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
800 fpm sea level, take-off weight normal power	15,200 ft 100 fpm, take-off weight normal power	ground run 3400 ft — ft no assist assisted
2605 fpm sea level, combat weight maximum power	21,300 ft 500 fpm, combat weight maximum power	over 50 ft height 4700 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: 48,149 lb Fuel: 4840 gal protected 0 % droppable 0 % external 0 %	Empty..... 86,172 lb Combat... 105,979 lb Take - off 170,000 lb limited by gear strength & ground handling characteristics	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

1. Performance Basis:
 (a) Flight test & estimated data
 (b) Speed restriction (AN 01-40NT-1)

2. Revision Basis: To conform to MIL-C-5011A