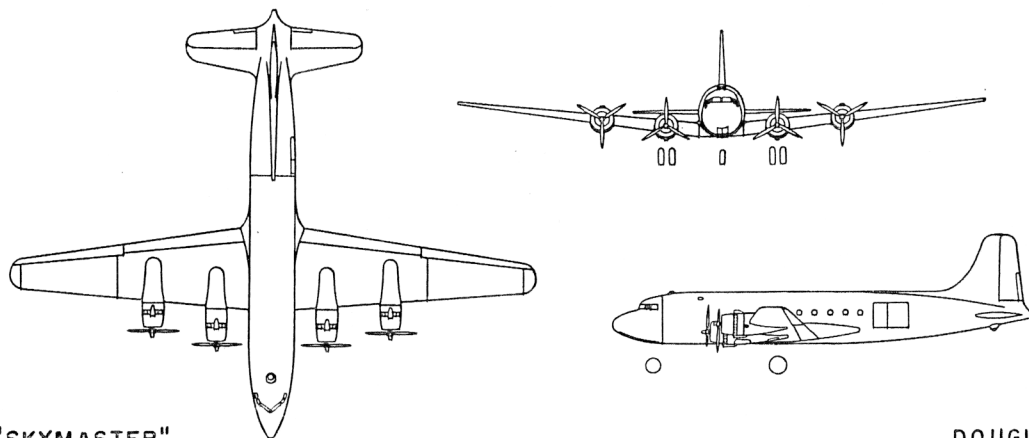


Characteristics Summary

CARGO.....C-54M



"SKYMASTER"

DOUGLAS

Wing Area1457 sq ft Length93.8 ft
 Span..... 117.5 ft Height27.5 ft

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

STATUS

1. Thirty (30) C-54E airplanes modified by Texas Engineering & Manufacturing Co. (Temco) for evacuation missions.
2. Modification completed: Jan 52

Navy Equivalent: R5D-5

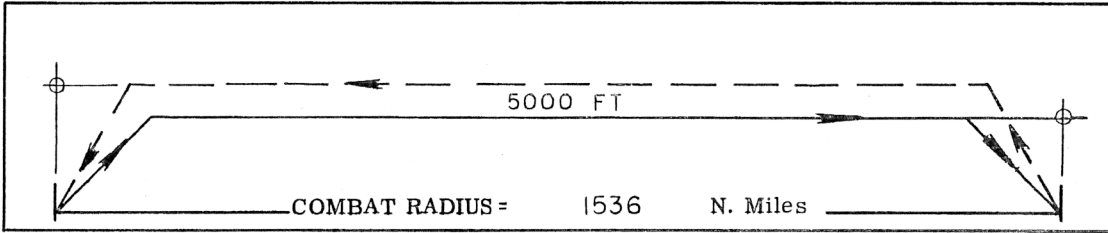
Mfr's Model: DC-4

POWER PLANT	FEATURES	GENERAL
(4) R-2000-9 Pratt & Whitney	Loran	Crew: 5
ENGINE RATINGS	Blind Landing Equipment	Troops: 43 or
BHP - RPM - ALT-MIN	A-3A Auto Pilot	Litters (level): 32 plus
T.O: 1450- 2700 - S.L. - 5	Cabinets-Medical Supplies	Attendants: 3 or
Mil: 1450- 2700 -1000 - 15	Galley Equipment	Max Cargo: *26,284 lb
1100- 2700 -16,000-15	Casualty Carrying Equipment	* Limited by strength
Nor: 1100- 2550 -7500 - Cont		
1100-2550-17,000- Cont		
	Max Fuel Capacity: 3540 gal	

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 date.*

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 Addendum Nr

Characteristics Summary Basic Mission C-54M



PERFORMANCE		
COMBAT RADIUS	FERRY RANGE	S P E E D
1536 naut. mi with 8000 lb payload (Inbound) at 157 knots avg. in 19.6 hours.	3450 naut. mi with 3540 gal fuel at 154 knots avg. in 22.4 hours at 64,956 lb T.O. wt.	COMBAT 234 ^(b) knots at 5000 ft alt, max power MAX 258 knots at 18,300 ft alt, max power BASIC 234 ^(b) 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
965 fpm sea level, take-off weight normal power	25,200 ft 100 fpm, take-off weight normal power	ground run 1600 ft no assist — ft assisted
1530 fpm sea level, combat weight maximum power	21,200 ft 500 fpm, combat weight maximum power	over 50 ft height 2900 ft no assist — ft 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
Litters (Inbound): 8000 Lb	Empty..... 41,000 lb Combat... 63,520 lb Take - off 65,556 lb limited by mission	78 knots power-off, landing configuration, take-off weight
Fuel: 3540 gal protected 0 % droppable 0 % external 0 %		T I M E T O C L I M B

N O T E S

1. Performance Basis:
 (a) Flight tests
 (b) Limited by speed and load factor limitations

2. REVISION BASIS: Initial issue