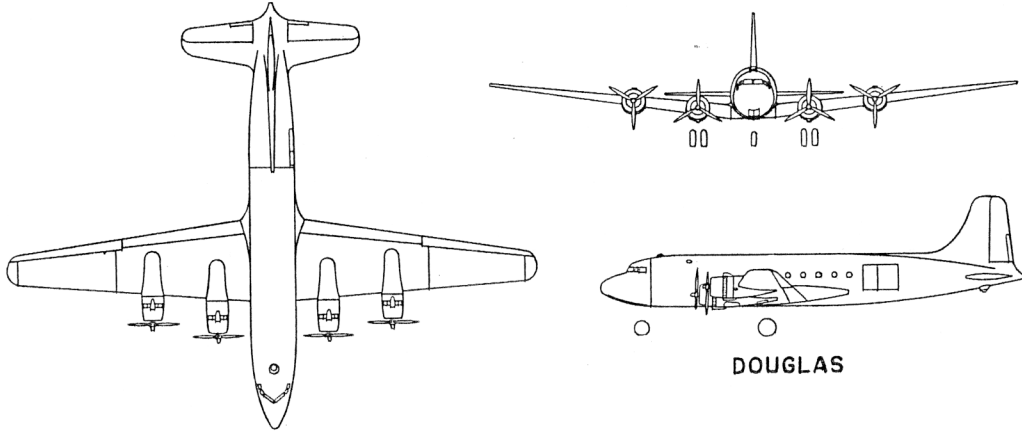


Characteristics Summary

CARGO.....C-54G



Wing area 1457 sq ft Length 93.4 ft
 Span 117.5 ft Height 27.5 ft

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

STATUS

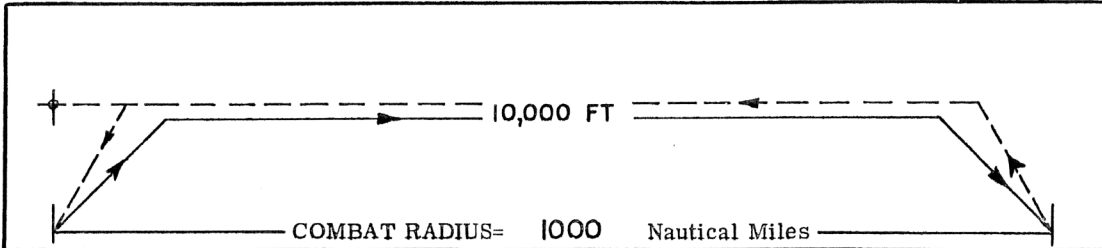
1. Design initiated: Commercial (DC-4)
2. First flight: February 1942 (C-54)
3. First acceptance: June 1945
4. Production completed: January 1946
5. Navy designation: R5D-5

POWER PLANT	FEATURES	ARMAMENT
(4) R-2000-9 Pratt-Whitney ENGINE RATINGS BHP - RPM - ALT T.O: 1450 - 2700 Mil: 1450 - 2700 - 1000 Nor: 1100 - 2700 - 16,000 1100 - 2550 - S.L. 1100 - 2550 - 7500 1000 - 2550 - 17,000	Crew: 5 Troops: 49 Litters: 36 Attendants: 4 Loran Blind Landing Equipment Glider Tow (prov) Max Cargo: 29,000 lb Max Fuel Cap: 3540 gal	NONE

Revised to conform with MIL-C 5011A 26 Sep 52

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Characteristics Summary Basic Mission.....C-54G



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
1000 naut. mi with 25,500 lb payload at 171 knots avg. in 12.0 hours.	1650 naut. mi with 25,500 lb payload at 190 knots avg. in 8.8 hours.	* 250 knots at 10,000 ft alt.
		MAXIMUM SPEED
		267 knots at 18,300 ft alt, max power
CLIMB	CEILING	TAKE-OFF
560 fpm sea level, take-off weight normal power	20,100 ft 100 fpm, take-off weight normal power	ground run 3640ft no assist — ft assisted
2280 fpm sea level, combat weight maximum power	28,000 ft 500 fpm, combat weight maximum power	over 50 ft height 5200ft no assist — ft assisted
LOAD	WEIGHTS	STALLING SPEED
Cargo: 25,500 lb	Empty..... 38,656 lb Combat... 47,700 lb Take - off 82,500 lb limited by strength	87 knots flaps down, take-off weight
Fuel: 2662 gal protected 0 % droppable 0 % external 0 %		TIME TO CLIMB —

NOTES

- PERFORMANCE BASIS:
 - Flight test
 - Fuel density: 6.0 lb/gal
 - In computing Radius and Range, specific fuel consumptions have been increased 5% to allow for variation of fuel flow in service aircraft.
 - Majority of C-54G's equipped with R-2000 -9 engines; a few are equipped with R-2000 -11 engines.
 - REVISION BASIS: To show engine ratings and changes in "Status", "Features" and "Notes" blocks.
- *IAS limited to 250 mph (217 kn) by T.O. AN 01-40NU-1.