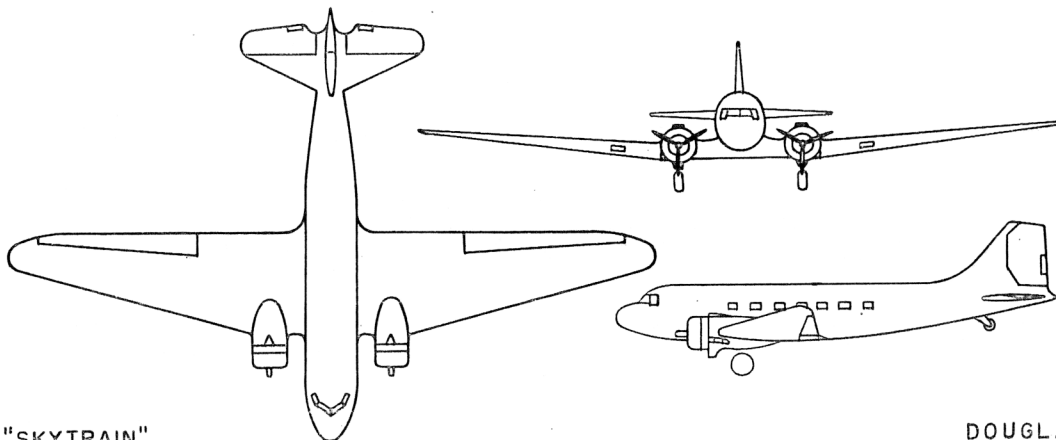


Characteristics Summary

CARGO.....G-47D



"SKYTRAIN"

DOUGLAS

Wing area987 sq ft Length64.4 ft
 Span95.0 ft Height16.9 ft

AVAILABILITY

PROCUREMENT

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

STATUS

1. Major difference from the C-47B is the incorporation of R-1830-90D engines in lieu of R-1830-90C engines.
2. Contract Initiated (C-47): Aug 40
3. First Acceptance (C-47): Jan 42
4. Production completed

Navy Equivalent: R4D-7

Mfr's Model: DC-3

POWER PLANT

(2) R-1830-90D
 Pratt & Whitney
 ENGINE RATINGS
 BHP-RPM - ALT -MIN
 T.O: 1200 - 2700 - S.L. - 5
 Nor: 1050 - 2550 - 7550 - Cont

FEATURES

Boat Type De-icing
 A-3A Auto Pilot
 External Cargo Provisions
 Glider Tow Provisions

Max Fuel Capacity: 1702 gal

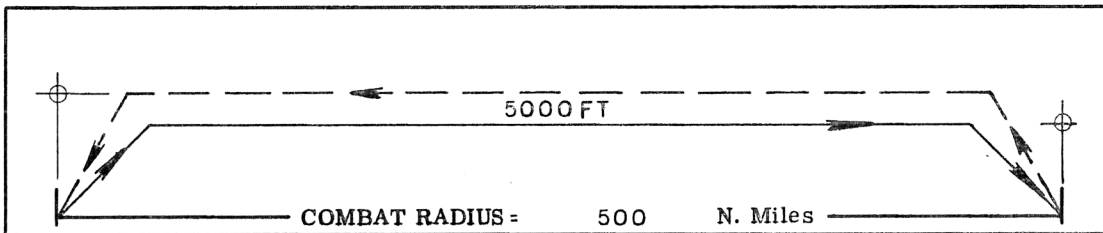
GENERAL

Crew (normal): 5
 Paratroops: 27
 or
 Litters (level): 24
 Litters (inclined): 18
 plus
 Attendants: 2

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 Addendum Nr

Characteristics Summary Basic Mission C-47D



P E R F O R M A N C E		
COMBAT RADIUS	COMBAT RANGE	S P E E D
500 naut. mi with 9485 lb payload at 142 knots avg. in 7.1 hours.	1026 naut. mi with 9485 lb payload at 141 knots avg. in 7.3 hours	COMBAT 201 knots at 5000 ft alt, max power MAX 202 knots at 3500 ft alt, max power BASIC 201 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
720 fpm sea level, take-off weight normal power	17,600 ft 100 fpm, take-off weight normal power	ground run 2900 ft — ft no assist assisted
1690 fpm sea level, combat weight maximum power	22,150 ft 500 fpm, combat weight maximum power	over 50 ft height 5100 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: 9485 lb	Empty..... 17,865 lb	65 knots power-off, landing config- uration, take-off weight
Fuel: 726 gal	Combat... 21,378 lb	T I M E T O C L I M B
protected 0 %	Take - off 33,000 lb	_____
droppable 0 %	limited by single engine performance	
external 0 %		

N O T E S
1. Performance Basis: (a) Flight tests
2. Revision Basis: To conform to Mil-C-5011A