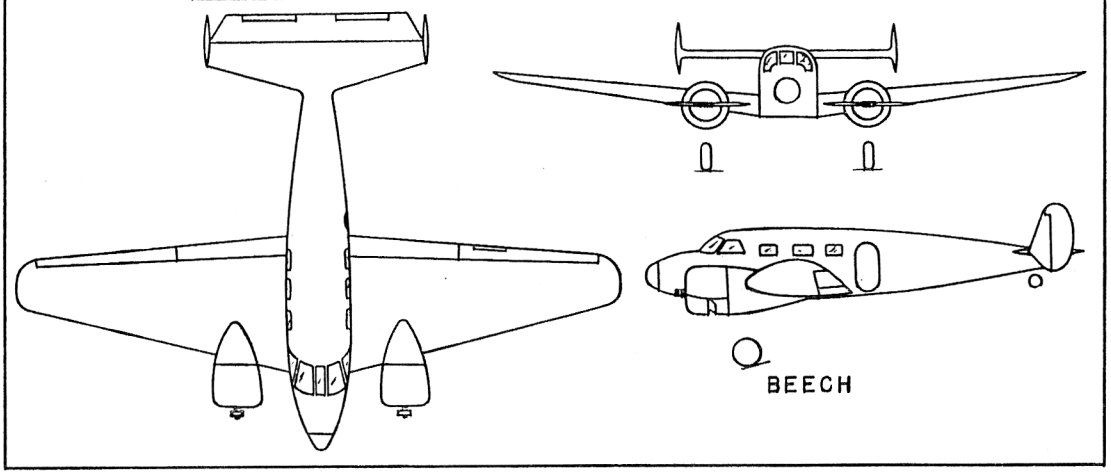
Characteristics Summary

CARGO C-45F



Wing area ..... 349 sq ft

Span ..... 47.6 ft

Length ..... 34.2 ft

Height ..... 9.3 ft

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

STATUS

1. First acceptance: March 1940
2. Production completed: August 1945
3. Navy designation: JRB-4

POWER PLANT

(2) R-985-AN-1 or AN-3
Pratt-Whitney

ENGINE RATINGS

	BHP - RPM - ALT
T.O:	450 - 2300 - S.L.
Nor:	400 - 2200 - 5100

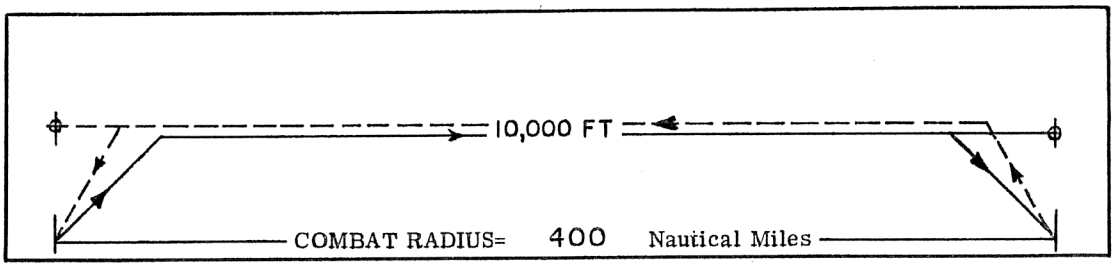
FEATURES

Crew:	2
Passengers:	5
Prop Anti-icing	
Boot De-icer	
Life Rafts (2)	(prov)
Auto-Pilot	
Max Fuel Cap:	247 gal

ARMAMENT

NONE

Characteristics Summary Basic Mission C-45F



PERFORMANCE

COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
400 naut. mi with 1000 lb payload at 111 knots avg. in 7.5 hours.	635 (2) naut. mi with 1000 lb payload at 113 knots avg. in 5.8 hours.	192 knots at 10,000 ft alt, max power
		MAXIMUM SPEED
		195 knots at 3000 ft alt, max power
C L I M B	**C E I L I N G**	**T A K E - O F F**
1110 fpm sea level, take-off weight normal power	21,000 ft 100 fpm, take-off weight normal power	ground run 1030 ft no assist | —— ft assisted
1870 fpm sea level, combat weight maximum power	20,700 ft 500 fpm, combat weight maximum power	over 50 ft height 1530 ft no assist | —— ft assisted
L O A D	**W E I G H T S**	**STALLING SPEED**
Passengers: 5 Fuel: *238 gal protected 0 % droppable 0 % external 0 %	Empty..... 5850 lb Combat... 7040 lb Take - off 8800 lb limited by space	59 knots flaps down, take-off weight
		TIME TO CLIMB
		——

N O T E S

1. PERFORMANCE BASIS:
   (a) Flight test
   (b) Fuel density: 6.0 lb/gal
   (c) In computing Radius and Range, specific fuel consumptions have been increased 5% to allow for variation of fuel flow in service aircraft.
   (d) Performance shown above for max power is based on 450 BHP @ 2300 RPM @ 3000 ft.
2. Nose auxiliary fuel tank must remain full if two aft passenger seats are occupied
3. REVISION BASIS: To show engine ratings and changes in "Status", "Features" and "Notes" blocks.

* Note: Majority of aircraft now have 47 gal nose tank. (Total fuel 247 gal). A few aircraft will retain 38.5 gal nose tank. (Total fuel 238.5 gal). Above performance is based on 238 gal fuel.