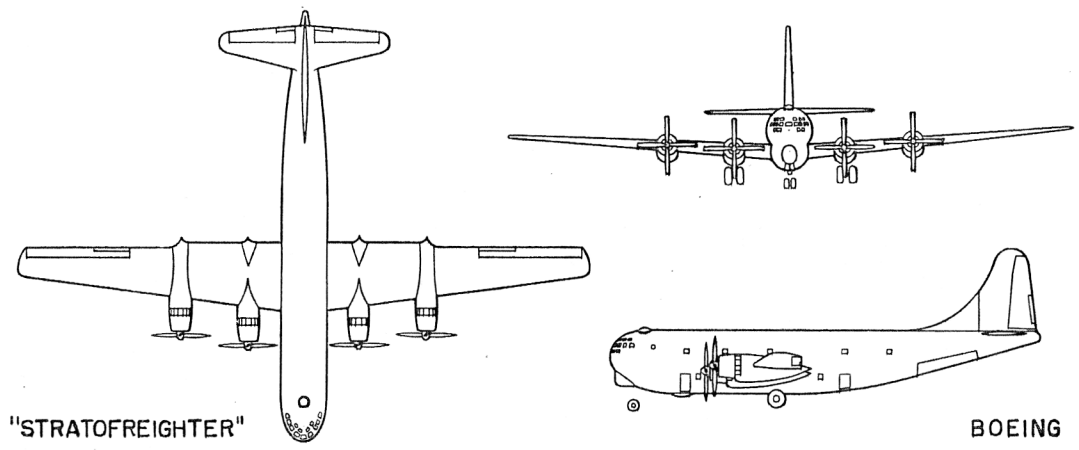


Characteristics Summary

CARGO C-97A



"STRATOFREIGHTER"

BOEING

Wing Area 1768.7 sq ft Length 110.3 ft
 Span 141.2 ft Height 38.3 ft
 Height (Fin folded) 26.6 ft

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

STATUS	
1. First flight:	May 49
2. First acceptance:	Jul 49
3. Production completed:	Jan 51
Navy Equivalent: None	Mfr's Model: 367-4-19

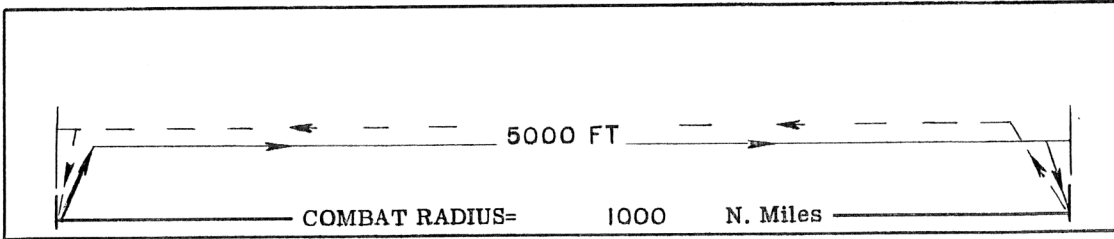
POWER PLANT
(4) R-4360-65 Pratt & Whitney
ENGINE RATINGS
BHP - RPM - ALT - MIN
T.O: *3500 - 2700 - SL - 5
Mil: *3500 - 2700 - 500 - 30
3250 - 2700 - 1000 - 30
Nor: 2650 - 2550 - 5500 - C
*Wet
Note: Increased altitude performance is available through use of external turbo-supercharging.

FEATURES
Cabin Pressurization
Folding Fin & Rudder
Reverse Pitch Props
Thermal Anti-icing
F-1 Auto-Pilot
Power Operated Cargo Hoist
Automatic Cabin Temperature Control

GENERAL
Crew: 5
Troops (max): *130
or
Litters (max): 79
plus
Attendants: 4
or
Max Cargo: † 67,080 lb
*First 37 aircraft have provisions for 134 troops or 83 litters.
Max Fuel Capacity: 7790 gal
† Limited by strength

duplicate of one in Black Book 29 Aug 58

Characteristics Summary Basic Mission. C-97A



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	S P E E D
1000 naut. mi with 61,570 lb payload at 182 knots avg. in 10.98 hours.	1661 naut. mi with 61,570 lb payload at 204 knots avg. in 8.15 hours.	COMBAT 281 knots at 5000 ft alt, max power MAX 334 knots at 26,000 ft alt, max power BASIC 331 knots at 25,000 ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
555 fpm sea level, take-off weight normal power	22,500 ft 100 fpm, take-off weight normal power	ground run 6500 ft — ft no assist assisted
2660 fpm sea level, combat weight maximum power	34,500 ft 500 fpm, combat weight maximum power	over 50 ft height 8150 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: 61,570 lb Fuel: 5453 gal protected 0 % droppable 0 % external 0 %	Empty..... 76,143 lb Combat... 94,070 lb Take - off 175,000 lb limited by strength	108 knots flaps down, 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

2. REVISION BASIS: To revise power plant designation and guaranteed ratings.