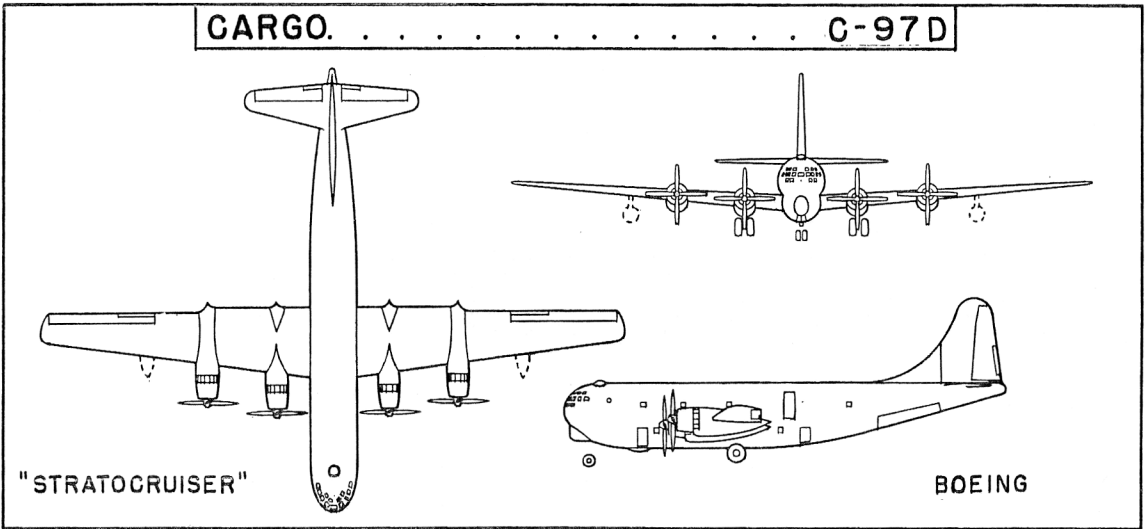


*Identical to
 duplicate in Black Book
 8/29/58*

Characteristics Summary

CARGO C-97D



Wing Area 1768.7 sq ft Length 110.3 ft
 Span 141.3 ft Height 38.3 ft

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

STATUS

- Formerly designated VC-97D.
- No change in configuration or performance data.

Navy Equivalent: None

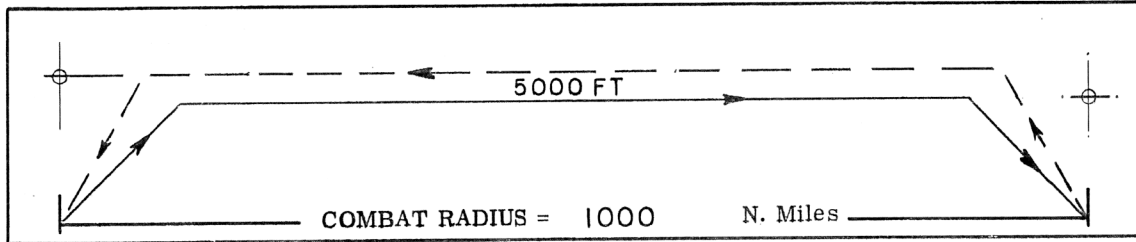
Mfr's Model: 377

POWER PLANT
(4) R-4360-59B Pratt & Whitney
ENGINE RATINGS
BHP-RPM-ALT-MIN
T.O: *3500-2700- 500 - 5
Mil: *3500-2700- 500- 30 3250-2700- 1000- 30
Nor: 2650-2550- 5500-Cont
*Wet
Note: Increased altitude performance is available through use of external turbo supercharging

FEATURES
Cabin Pressurization
Command Quarters
Galley Equipment
AN/APS-42 Search and Navigation Radar
Public Address and Inter-communication System
Wing Drop Tanks
Reverse Pitch Props
F-1 Auto-pilot

GENERAL
Crew 5
MAIN DECK
Passengers (day) 60
or
Passengers (berths) 40
or
Passengers (berths) 30
and
Passengers (seats) 21
plus
LOWER DECK
Troops: 15
or
Litters: 4
Max Fuel Cap 9174 gal

Characteristics Summary Basic Mission. C-97D



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	S P E E D
1000 naut. mi with 24,100 lb payload at 180 knots avg. in 11.2 hours.	2015 naut. mi with 24,100 lb payload at 200 knots avg. in 10.1 hours.	COMBAT 274 knots at 5000 ft alt, max power MAX 322 knots at 26,000 ft alt, max power BASIC — — 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
990 fpm sea level, take-off weight normal power	29,600 ft 100 fpm, take-off weight normal power	ground run 3850 ft — ft no assist assisted
2255 fpm sea level, combat weight maximum power	31,000 ft 500 fpm, combat weight maximum power	over 50 ft height 4750 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: 24,100 lb Fuel: 4976 gal protected 0 % droppable 0 % external 0 %	Empty..... 87,700 lb Combat... 105,278 lb Take - off 145,053 lb limited by mission	95 knots power-off, landing config- uration, take-off weight
		T I M E T O C L I M B

N O T E S

- PERFORMANCE BASIS:
(a) Flight test
- REVISION BASIS: Initial issue (formerly designated VC-97D).