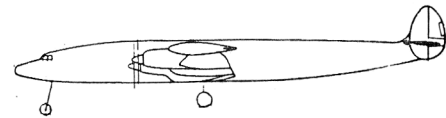
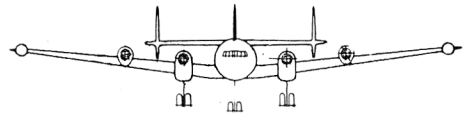
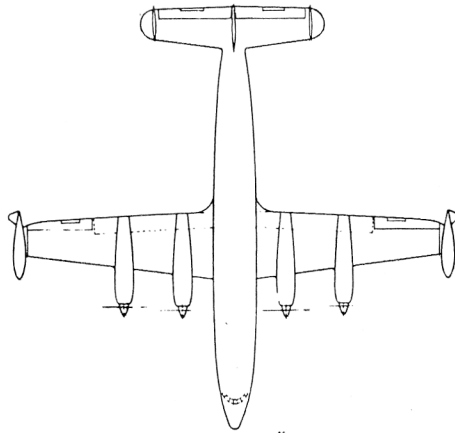


Characteristics Summary

CARGO YC-121F

Duplicate in folder 7



"SUPER CONSTELLATION"

LOCKHEED

Wing Area 1615 sq ft Length 116.2 ft
 Span (w/o tip tanks) 117.0 ft Height 25.5 ft
 (w/tip tanks) 119.0 ft

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

STATUS

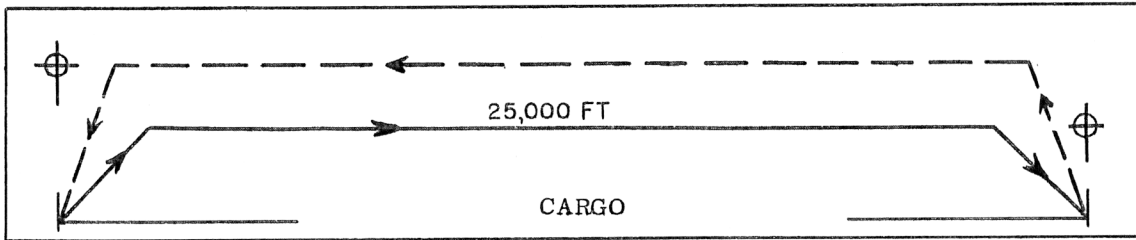
1. Original specification (R7V-2): Nov 51
2. Spec. change proposal for YC-121F: Oct 53
3. First flight (R7V-2): Sep 54
4. First flight (YC-121F): Apr 55
5. First acceptance: Jul 55
6. Production completion: Aug 55

Navy Equivalent: R7V-2

Mfr's Model: 1249A

POWER PLANT	FEATURES	GENERAL
<p>(4) T34-P-6 Pratt & Whitney ENGINE RATINGS S.L.S SHP - LB - RPM - MIN T.O: 5500-1250-11,000-5 Mil: 5300-1250-11,000-30 Nor: 4750-1125-10,750-Cont</p>	<p>Pressurization Air conditioning Auto-pilot Hydraulic boost controls Fowler type flaps Aft facing passenger seats Readily convertible from passenger to litter or to cargo configurations</p> <p>Max fuel cap: 8750 gal</p>	<p>Crew 5 plus 10 relief Passengers (max) 106 or Litters (max) 73 plus Attendants (max) 4</p>

Characteristics Summary Basic Mission YC-121F



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	S P E E D
1000 naut. mi with 24,210 lb payload at 310 knots avg. in 6.6 hours.	1998 naut. mi with 24,210 lb payload at 317 knots avg. in 6.4 hours	COMBAT 365 knots at 25,000 ft alt, max power MAX 386 knots at 10,000 ft alt, max power BASIC 365 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
2310 fpm sea level, take-off weight normal power	26,400 ft 100 fpm, take-off weight normal power	ground run 2940ft no assist — ft assisted
4600 fpm sea level, combat weight maximum power	32,900 ft 500 fpm, combat weight maximum power	over 50 ft height 3900ft no assist — ft 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: 24,210 lb Fuel: 7284 gal protected 0 % droppable 0 % external 0 %	Empty..... 72,387 lb Combat... 97,920 lb Take - off 148,540 lb limited by max landing weight of 125,000 lb	102 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) Estimated data
 - Performance Reference: Lockheed Report Nr 8635, Appendix D, "Lockheed Model YC-121F Standard Aircraft Characteristics Performance Report".
 - Revision Basis: To reflect changes in performance and characteristics data.