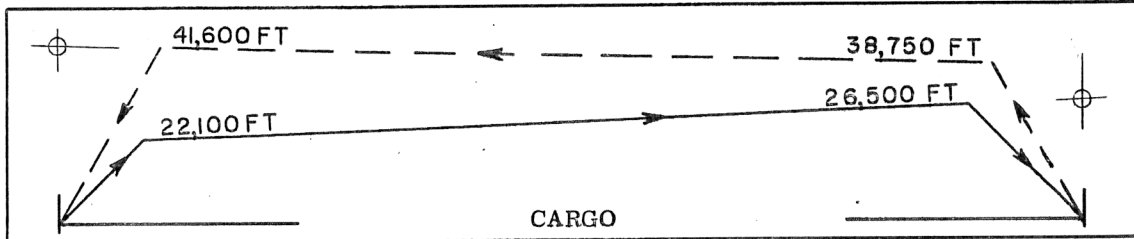


Characteristics Summary Basic MissionYC-97J



P E R F O R M A N C E		
COMBAT RADIUS	COMBAT RANGE	S P E E D
1000 naut. mi with 53,600 lb payload at 290 knots avg. in 7.1 hours.	1705 naut. mi with 53,600 lb payload at 287 knots avg. in 6.0 hours	COMBAT 332 knots at 38,750ft alt, nor power MAX 360 knots at 24,400 ft alt, nor power BASIC 360 knots at 25,000 ft alt, nor power
C L I M B	C E I L I N G	T A K E - O F F
1610 fpm sea level, take-off weight normal power	26,000 ft 100 fpm, take-off weight normal power	ground run 5600 ft — ft no assist assisted
3700 fpm sea level, combat weight T.O. power	38,250 ft 500 fpm, combat weight maximum power	over 50 ft height 6420 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 53,600 lb Fuel: 6885 gal protected 0 % droppable 4.4 % external 4.4 %	Empty..... 72,188 lb Combat... 95,670 lb Take - off 175,000 lb limited by strength	108 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:
 - Estimated Data
 - Take-off at 175,000 lb is overload operation. Normal take-off is at 153,000 lb.
- Performance Reference: Boeing Report No. D-15274, "Substantiating Data Report YC-97J Standard Aircraft Characteristics Charts".
- Revision Basis: To add RPM ratings under "Power Plant" block.