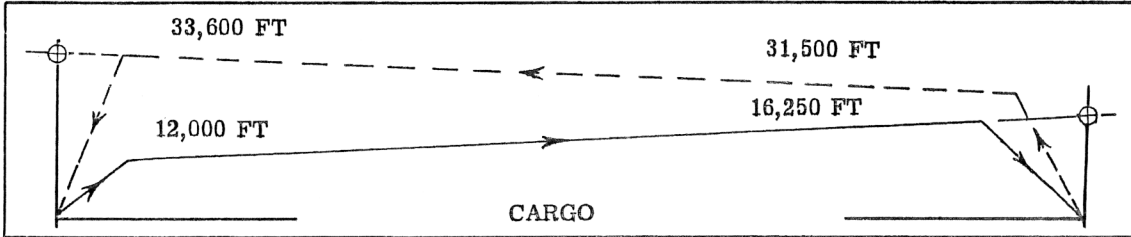




*Characteristics Summary Basic Mission.....C-133A*



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	S P E E D
1000 naut. mi with 109,500 lb payload at 267 knots avg. in 7.67 hours.	1637 naut. mi with 109,500 gal fuel at 266 knots avg. in 6.45 hours	COMBAT 281 knots at 30,900 ft alt, mil power MAX 304 knots at 12,450 ft alt, mil power BASIC 295 knots at 25,000 ft alt, mil power
C L I M B	C E I L I N G	T A K E - O F F
980 fpm sea level, take-off weight military power	15,550 ft 100 fpm, take-off weight military power	ground run 5750 ft no assist   — ft assisted
3030 fpm sea level, combat weight military power	29,600 ft 500 fpm, combat weight military power	over 50 ft height 8200 ft 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: 109,500  Fuel: 11,044 gal protected 0 % droppable 0 % external 0 %	Empty..... 114,690 lb Combat... 148,700 lb Take - off 300,000 lb  limited by gear strength See Notes 1(b) and (c) below.	110 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:
  - Flight test data.
  - Overload operation is at 300,000 lb take-off gross weight, limited by gear strength. Normal operation is at 257,000 take-off gross weight.
  - Structure at take-off weights above 282,000 lb not substantiated by WADC.
- Performance Reference: Douglas Long Beach Report Nr LB-25562 "Substantiating Data for Standard Aircraft Characteristics Charts", dated 1 October 1957.
- Revision Basis: Revised characteristics & performance data.

CAUTION: At weights above 282,000 lb, caution should be employed during ground handling operations.