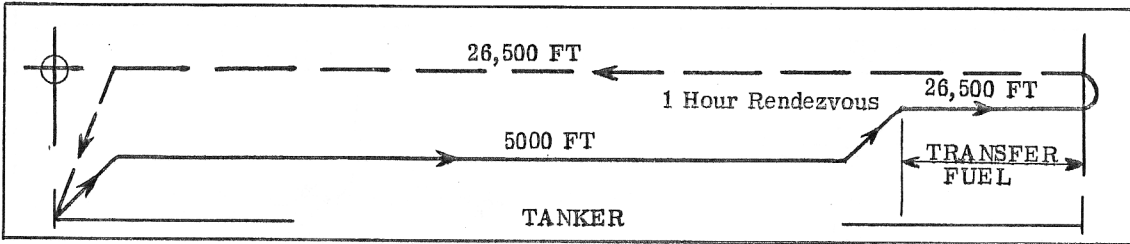


Characteristics Summary Basic Mission KB-50



PERFORMANCE		
COMBAT RADIUS	FERRY RANGE	S P E E D
1000 naut. mi with 38,744 lb payload at 209 knots avg. in 10.8 hours.	5668 naut. mi with 13,013 gal fuel at 193 knots avg. in 29.7 hours at 173,000 lb T.O. wt.	COMBAT 344 ⁽³²⁷⁾ (b) knots at 26,500 ft alt, max power MAX 351 ⁽³³⁴⁾ (b) knots at 30,600 ft alt, max power BASIC 287 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
608 fpm sea level, take-off weight normal power	23,250 ft 100 fpm, take-off weight normal power	ground run 6350 ft _____ ft no assist assisted
2210 fpm sea level, combat weight maximum power	34,000 ft 500 fpm, combat weight maximum power	over 50 ft height 7940 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
Transfer Fuel: 38,744 lb Fuel: 6556 gal protected 100 % droppable 0 % external 0 %	Empty..... 85,401 lb Combat... 107,511 lb Take - off 173,000 lb limited by strength	114 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:
 - Calculated data based on USAF flight tests of B-50D and KB-50 aircraft.
 - Values in paranthesis indicate performance with drogues in extended position.
 - Performance Reference: Hayes Report Nr 142 and 199, dated 6 June 1956 and 15 December 1956, respectively.
 - Revision Basis: To reflect correction in number of crew members.