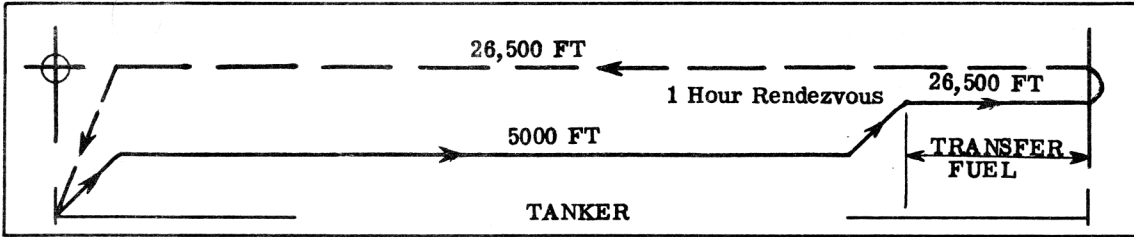


Characteristics Summary Basic Mission KB-50



PERFORMANCE		
COMBAT RADIUS	RANGE	S P E E D
1000 naut. mi with 36,350 lb payload at 209 knots avg. in 10.8 hours.	5468 naut. mi with 13,053 gal fuel at 189 knots avg. in 29.05 hours at 173,000 lb T.O. wt.	COMBAT 341 knots at 26,500 ft alt, max power MAX 348 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 6250 ft _____ ft no assist assisted
2165 fpm sea level, combat weight maximum power	37,500 ft 500 fpm, combat weight maximum power	over 50 ft height 7800 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: 36,350 lb Fuel: 6990 gal protected 100 % droppable 0 % external 0 %	Empty..... 86,550 lb Combat... 108,675 lb Take - off 173,000 lb limited by strength	114 knots power-off, landing config- uration, take-off weight TIME TO CLIMB _____

N O T E S

- Performance Basis:
 - Calculated data based on USAF Phase IV flight tests of B-50D aircraft plus preliminary drag estimates of refueling devices.
- Performance Reference: Hayes Report No. 102 dated 26 August 1955.
- Revision Basis: Initial Issue

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