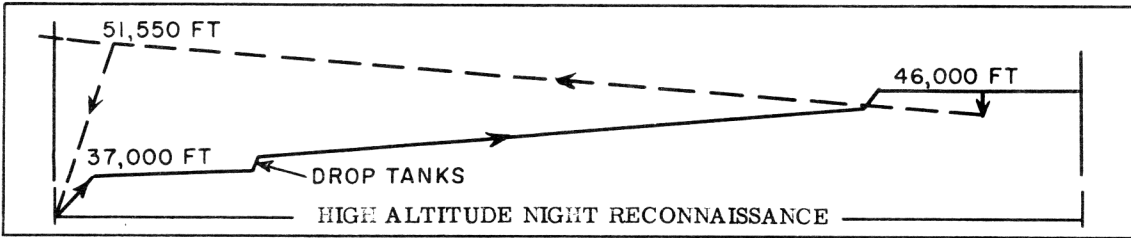


Characteristics Summary Basic Mission RB-52B



P E R F O R M A N C E		
C O M B A T R A D I U S	F E R R Y R A N G E	S P E E D
3165 naut. mi with 4100 lb payload at 457 knots avg. in 13.92 hours.	(c) 6360 naut. mi with 34,589 gal fuel at 457 knots avg. in 13.98 hours at 405,000 lb T.O. wt.	COMBAT 489 knots at 46,000 ft alt, max power MAX 542 ^(b) knots at 19,500 ft alt, max power BASIC 517 knots at 35,000 ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
2190 fpm sea level, take-off weight normal power	39,700 ft 100 fpm, take-off weight normal power	ground run 7170 ft no assist — ft assisted
4560 fpm sea level, combat weight maximum power	46,650 ft 500 fpm, combat weight maximum power	over 50 ft height 9280 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
Flash bombs: 3700 lb Chaff: 400 lb Ammo: 2400 rds/.50 cal Fuel: 34,419 gal protected 64% droppable 6% external 6%	Empty..... 170,164 lb Combat... 272,350 lb Take - off 405,000 lb limited by strength (Does not include up to 1000 lb of water.)	128 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

1. Performance Basis:
 (a) Preliminary flight test and estimated engine data.
 (b) Limited by structure.
 (c) Tanks carried all the way.

2. Revision Basis: To reflect changes in take-off and empty weight.

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