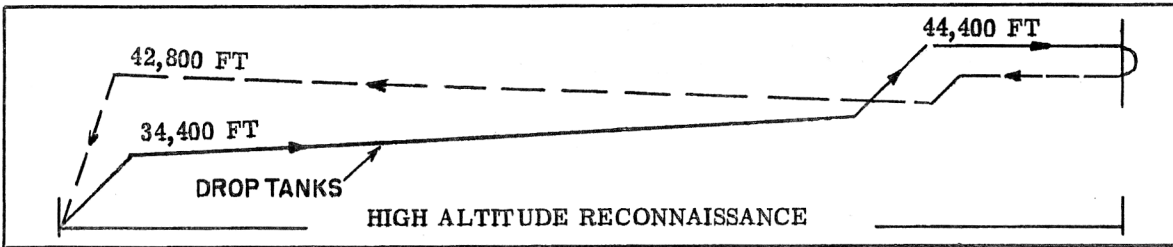


Characteristics Summary Basic Mission RF-101A



PERFORMANCE		
COMBAT RADIUS	FERRY RANGE	S P E E D
(b) 909 naut. mi with 656 lb payload at 478 knots avg. in 3.82 hours.	2116 naut. mi with 3600 gal fuel at 478 knots avg. in 4.44 hours at 50,415 lb T.O. wt.	COMBAT 768 knots at 44,400 ft alt, max power MAX 876 knots at 35,000 ft alt, max power BASIC 876 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
8480 fpm sea level, take-off weight military power	39,200 ft 100 fpm, take-off weight military power	(b) ground run 5430 ft — ft no assist assisted
37,500 fpm sea level, combat weight maximum power	51,450 ft 500 fpm, combat weight maximum power	(b) over 50 ft height 9180 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
Photo Equipment . . . 656 lb	Empty..... 25,335 lb Combat... 35,751 lb Take - off 47,331 lb limited by mission	172 knots power-off, landing config- uration, take-off weight
Fuel: 3150 gal		T I M E T O C L I M B 3.4 min S.L. to 35,000 ft, take-off weight, military power
protected 13.6 %		
droppable 28.6 %		
external 28.6 %		

N O T E S

1. Performance Basis:
 (a) Phase IV flight test data.
 (b) With military power; by using afterburner (max power) take-off values are 3270 ft and 4450 ft and the radius is reduced to 866 nautical miles.

2. Revision Basis:
 To reflect changes in combat ceiling and stall speed.