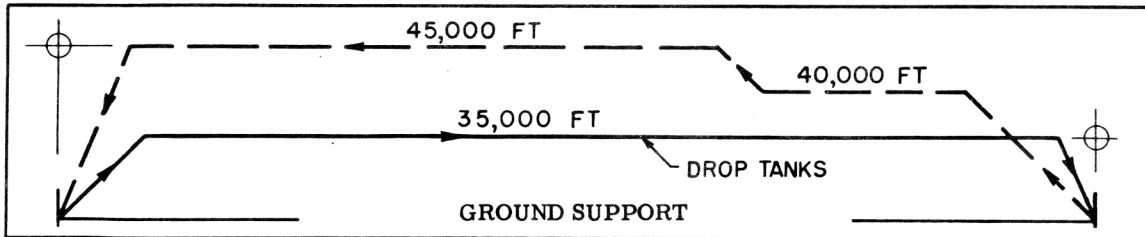


Characteristics Summary Basic Mission F-105A



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
688 naut. mi with 2780 lb payload at 500 knots avg. in 3.10 hours.	<i>DATA NOT AVAILABLE</i> naut. mi with gal fuel at 's avg. in hou. at lb T.O. wt.	COMBAT 744 knots at Zero ft alt, max power MAX 1120 knots at 35,000 ft alt, max power BASIC 744 knots at Zero ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
5670 fpm sea level, take-off weight military power	37,150 ft 100 fpm, take-off weight military power	ground run 3060 ft — ft no assist assisted
34,800 fpm sea level, combat weight maximum power	54,900 ft 500 fpm, combat weight maximum power	over 50 ft height 3950 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
Ammunition: 1000 rds/20mm Bombs 2 x 1000 lb Fuel: 2400 gal protected — % dropable 37.5 % external 37.5 %	Empty..... 19,081 lb Combat... 28,903 lb Take - off 39,637 lb limited by mission	148 knots power-off, landing config- uration, take-off weight
		T I M E T O C L I M B
		5.8 Min S.L. to 35,000 ft, Combat Wt., military power

N O T E S

1. Performance Basis:
(a) Estimated data

2. Revision Basis: Initial Issue