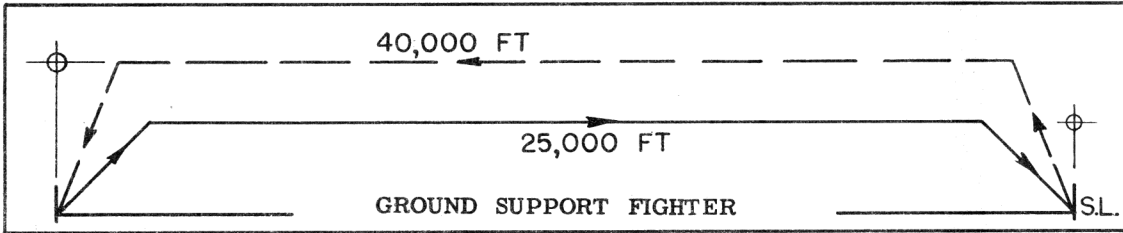




# Characteristics Summary Basic Mission ..... F-105A



PERFORMANCE		
COMBAT RADIUS	FERRY RANGE	S P E E D
<b>471</b> naut. mi with 2780 lb payload at _____ knots avg. in _____ hours.	NOT AVAILABLE naut. mi with _____ gal fuel at _____ knots avg. in _____ hours at _____ lb T.O. wt.	COMBAT <b>660</b> knots at zero ft alt, mil power MAX <b>800</b> knots at 35,000 ft alt, max power BASIC <b>670</b> 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
_____ fpm sea level, take-off weight normal power	_____ ft 100 fpm, take-off weight normal power	ground run <b>5590</b> ft   _____ ft no assist   assisted
_____ fpm sea level, combat weight maximum power	_____ ft 500 fpm, combat weight maximum power	over 50 ft height _____ 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: 1200 rds/60 cal Bombs: 2 x 1000 lb  Fuel: 2048 gal protected _____ % droppable 41.4 % external 41.4 %	Empty..... 18,217 lb Combat... 27,550 lb Take - off 37,000 lb  limited by military chara- cteristics	<b>167</b> knots power-off, landing config- uration, take-off weight <b>TIME TO CLIMB</b> _____

N O T E S
1. Performance Basis: (a) Estimated Data (not substantiated by WADC)  2. Revision Basis: Initial issue