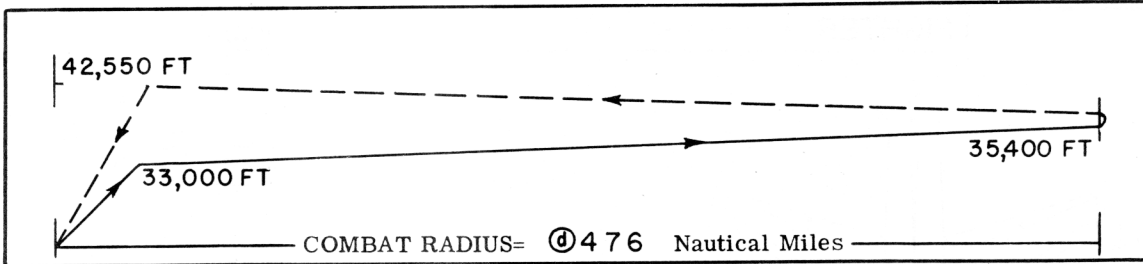


Characteristics Summary Basic Mission F-90 (VERSION II)



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
Ⓣ 476 naut. mi with 0 lb payload at 473 knots avg. in 2.46 hours.	Ⓣ 1352 naut. mi with 0 lb payload at 473 knots avg. in 2.87 hours.	552 knots at 35,000 ft alt, max power
		MAXIMUM SPEED
		620 knots at zero ft alt, max power
CLIMB	CEILING	TAKE-OFF
3500 fpm sea level, take-off weight normal power	32,600 ft 100 fpm, take-off weight normal power	ground run 3360 ft no assist 2830 ft assisted
18,600 fpm sea level, combat weight maximum power	48,600 ft 500 fpm, combat weight maximum power	over 50 ft height 4460 ft no assist 3470 ft assisted
LOAD	WEIGHTS	STALLING SPEED
Bombs: None Ammunition: 1602 rds/20mm Fuel: 1665 gal protected 57 % droppable 43 % external 43 %	Empty..... 19,871 lb Combat... 27,710 lb Take-off ^(d) 32,550 lb limited by mission	129 knots flaps down, take-off weight
		TIME TO CLIMB 3.5 min. S.L. to 35,000 ft. Combat Wt., Max. Power

N O T E S

- PERFORMANCE BASIS:
 - Estimated data
 - Fuel density: 6.0 lb/gal
 - In computing Radius and Range, specific fuel consumptions have been increased 5% to allow for variation of fuel flow in service aircraft.
 - Radius and Range are increased to 562 and 1517 nautical miles; take-off weight to 33,716 lb, when using JP-1 (6.7 lb/gal.)
- REVISION BASIS: To reflect changes in "Status", "Power Plant" and "Notes" blocks.