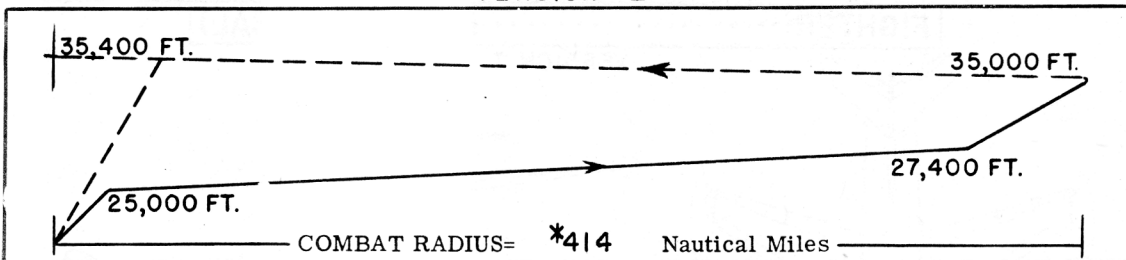


Characteristics Summary Basic Mission F-90 (PROPOSAL) VERSION I



P E R F O R M A N C E

COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED		
<p>* 414 naut. mi with 0 lb payload at 458 knots avg. in 2.24 hours.</p>	<p>* 1112 naut. mi with 0 lb payload at 461 knots avg. in 2.52 hours.</p>	<p>540 knots at 35,000 ft alt, max power</p>		
		MAXIMUM SPEED		
		<p>603 knots at zero ft alt, max power</p>		
C L I M B	C E I L I N G	T A K E - O F F		
<p>1770 fpm sea level, take-off weight normal power</p>	<p>25,000 ft 100 fpm, take-off weight normal power</p>	<p style="text-align: center;">ground run</p> <table style="width: 100%; border: none;"> <tr> <td style="border: none; width: 50%;">4400 ft no assist</td> <td style="border: none; width: 50%;">3580 ft assisted</td> </tr> </table>	4400 ft no assist	3580 ft assisted
4400 ft no assist	3580 ft assisted			
<p>11,800 fpm sea level, combat weight maximum power</p>	<p>41,000 ft 500 fpm, combat weight maximum power</p>	<p style="text-align: center;">over 50 ft height</p> <table style="width: 100%; border: none;"> <tr> <td style="border: none; width: 50%;">6260 ft no assist</td> <td style="border: none; width: 50%;">4430 ft assisted</td> </tr> </table>	6260 ft no assist	4430 ft assisted
6260 ft no assist	4430 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		
<p>Bombs: None Ammunition: 1602 rds/20mm Fuel: 1665 gal protected 57 % droppable 43 % external 43 %</p>	<p>Empty..... 19,427 lb Combat... 26,900 lb Take - off *32,150 lb limited by mission</p>	<p style="text-align: center;">128 knots flaps down, take-off weight</p>		
		TIME TO CLIMB		
		<p style="text-align: center;">5.0 min. S.L. to 35,000 ft. Combat Wt., Max. Power</p>		

N O T E S

1. PERFORMANCE BASIS: NACA standard conditions no wind, single airplane;
 - (a) Fuel consumption based on manufacturer's estimates increased 5%.
 - (b) Fuel density: 6.0 lb/gal. (gasoline)
 2. REVISION BASIS: To present manufacturer's latest data.
- *Use of kerosene (JP-1) increases Combat Radius to 471, Combat Range to 1224, Take-off Weight to 33,315 lb.