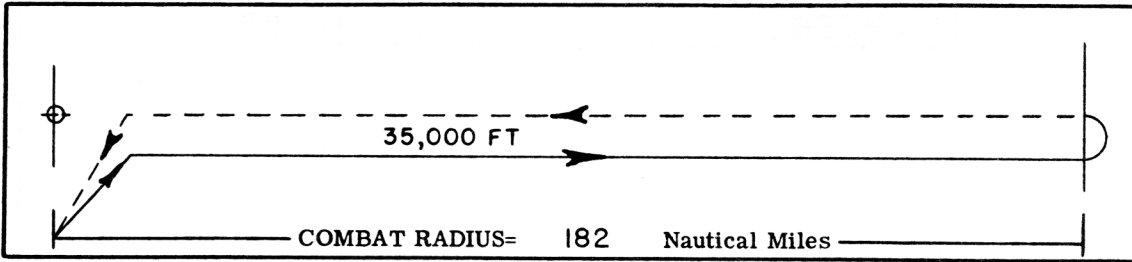


Characteristics Summary Basic Mission XF-88A



PERFORMANCE

COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
<p>182 ^(d) naut. mi</p> <p>with 0 lb payload</p> <p>at 430 knots avg.</p> <p>in 1.28 hours.</p>	<p>694 ^(d) naut. mi</p> <p>with 0 lb payload</p> <p>at 442 knots avg.</p> <p>in 1.67 hours.</p>	<p>548 knots at 35,000 ft alt, max power (with A.B.)</p> <p>MAXIMUM SPEED</p> <p>600 knots at Zero ft alt, max power (with A.B.)</p>
C L I M B	C E I L I N G	T A K E - O F F
<p>_____ fpm</p> <p>sea level, take-off weight normal power</p>	<p>_____ ft</p> <p>100 fpm, take-off weight normal power</p>	<p>ground run</p> <p>4200 ft _____ ft no assist assisted (with A.B.)</p>
<p>13,900 fpm</p> <p>sea level, combat weight maximum power (with A.B.)</p>	<p>41,800 ft</p> <p>500 fpm, combat weight maximum power (with A.B.)</p>	<p>over 50 ft height</p> <p>5400 ft _____ ft no assist assisted (with A.B.)</p>
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</p> <p>Ammunition: 1320 rds/20mm</p> <p>Fuel: 862 (e) gal</p> <p>protected 88 %</p> <p>droppable 0 %</p> <p>external 0 %</p>	<p>Empty..... 13,819 lb</p> <p>Combat... 18,557 lb</p> <p>Take - off 21,200 lb</p> <p>limited by space</p>	<p>118 knots</p> <p>flaps down, take-off weight</p> <p>TIME TO CLIMB</p> <p>4.25 min S.L. to 35,000 ft Combat Wt, Max Power (with A.B.)</p>

N O T E S

1. PERFORMANCE BASIS:
 - (a) Estimated data based on flight tests of XF-88 and preliminary tests of the XF-88A(No.2 article)
 - (b) Fuel density: 6.0 lb/gal
 - (c) In computing Radius and Range, specific fuel consumptions have been increased 5% to allow for variation of fuel flow in service aircraft
 - (d) Radius and Range are increased to 197 and 755 nautical miles when using JP-3 (6.5 lb/gal)
 - (e) External tanks were never procured for this aircraft
2. REVISION BASIS: To reflect latest performance data without external fuel tanks and to reflect change in max fuel capacity.