



High Cruise Speed

Low Stall Speed

Short take off and landing distance

Full Aerobatic

Capabilities



Performance Data	Dimensional Data
<i>Model</i> Viperjet MKII Executive	<i>Wing Span</i> 30 ft.
<i>Seating</i> 2	<i>Length</i> 26 ft.
<i>Engine HP</i> 2950 de-rated to <i>GE J-85/CJ-610</i> 2700 lbs thrust	<i>Height</i> 10.10 ft. (above ground)
<i>Empty Weight</i> 2900	<i>Cabin Length</i> 9.625 ft.
<i>Max. Gross Weight</i> 5100 normal, 5500 MTOW	<i>Cabin Height</i> 49 in.
<i>Max. Useful Load</i> 2600 lbs.	<i>Cabin Width</i> 30 in.
<i>Take-off Distance</i> 800-1200 ft	<i>Wing Area</i> 130 sq. ft.
<i>Max. Cruise Speed</i> 500-525 MPH TAS @ 28,000	<i>Aspect Ratio</i> 6.2
<i>Max Econo Speed</i> 375 MPH TAS	<i>Wing Root Chord</i> 70.0 in.
<i>Service Ceiling</i> 35,000 pressurized	<i>Wing Airfoil section at Root</i> NACA 65-215
<i>Stall Speed</i> 77 kts. (landing configuration)	<i>Wing Airfoil at Tip</i> NACA 65-212
<i>Useable Fuel</i> 265 gallons	<i>Flap Style</i> 2H-Slot
<i>Max. Range</i> 800 nautical miles @ 28,000 ft (@ 90-91% power)	<i>Flap Deflection</i> 45°
<i>Est Range w/ 1000 nautical miles auxiliary fuel w/30 min reserve</i>	
<small>*Production aircraft performance may vary.</small>	
	<i>Horizontal Tail Span</i> 13.33 ft.
	<i>Horizontal Tail Area</i> 40.56 sq. ft.
	<i>Airfoil Horizontal Tail</i> NACA 66-212
	<i>Airfoil Vertical Tail</i> NACA 63-015
	<i>Vertical Tail Area</i> 20.63 sq. ft.
	<i>Vertical Tail Span</i> 5.83 sq. ft.

KIT FEATURES

Fuselage, Wing & Finish Kit
CNC-machined / Bolt-on components
Full Dual Control
Honeycomb & Carbon fiber components

STANDARD FEATURES

Pressurization
Super Excel Build
Air Conditioning
Adjustable Seats

EASE OF BUILD

Advanced Composite Construction
No Welding
Modular Construction
Glue & bolt together components

The Viperjet MKII Executive blends time-tested technologies with high tech composite components