# 57/V/TTI<sup>M</sup> 51/150



SPORT / IRCR/FT



## Performance & Specifications

FLYAWAY COST: CONTACT STAVATTI AVAILABILITY: TBD

## **TYPE**

Next Generation Sport Aircraft for Touring and Training certified to FAA FAR 23

### **ACCOMMODATION**

Two Seat Side-By-Side with Bird Strike Resistant, Single-Piece Clamshell Canopy

### **POWERPLANT**

1 x NeoThrust™ 100 axial piston engine developing 100 hp @ 2,300 Prop RPM with a 72-in, 3 Blade Propeller

### STRUCTURE

Semi-monocoque aluminum foam metal sandwich construction throughout with aluminum lithium skins, ultra-low density aluminum foam cores and twin aluminum spars in the cantilever wings, canards and empennage.

### **AVIONICS**

Proprietary touch screen LCD primary flight display with digital instruments, integrated GPS and NAV/COM/IFF with full authority digital Power-By-Wire flight controls.

DIMENSIONS	INTERIOR DIMENSIONS

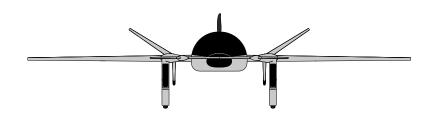
Wingspan Length Overall	36 ft 0 in 24 ft 0 in	Cabin Length Cabin Width-Max	67.0 in 60.0 in
Height Overall	8 ft 8 in	Cabin Height-Max	41.7 in
Wing Area	137 sq ft	_	

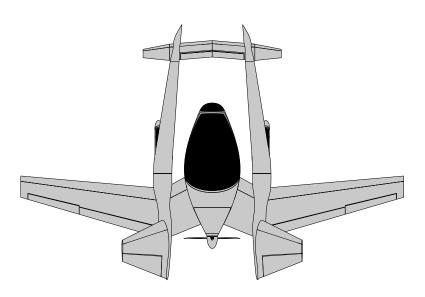
### WEIGHTS & CAPACITIES LOADINGS

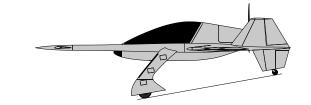
Empty Weight Max Internal Fuel Max Payload Useful Load	1,000 lbs 156 lbs 444 lbs 600 lbs	Wing Loading @ MTOW (lbs/sq ft) Power Loading @ MTOW (lbs/shp) Positive Load Limit @ MTOW Negative Load Limit @ MTOW	11.69 16.00 4.00 2.00
		Negative Load Limit @ MTOW	2.00
Max Take-Off Weight (MTOW)	1.600 lbs		

### **PERFORMANCE**

Max Level Speed @ SL Max Level Speed @ 10,000 ft 75% Cruise Speed @ SL 75% Cruise Speed @ 10,000 ft 50% Cruise Speed @ SL 50% Cruise Speed @ 10,000 Stall Speed, Clean Stall Speed, Full Flaps	125 KTAS	Range @ Max Level Speed- SL	539 nm
	137 KTAS	Range @ Max Level Speed-10,000 ft	592 nm
	112 KTAS	Range @ 75% Cruise Speed-SL	616 nm
	122 KTAS	Range @ 75% Cruise Speed-10,000 ft	671 nm
	95 KTAS	Range @ 50% Cruise Speed-SL	784 nm
	103 KTAS	Range @ 50% Cruise Speed-10,000 ft	850 nm
	48 KTAS	Take-Off Distance over 50 ft Obstacle	605 ft
	42 KTAS	Landing Distance over 50 ft Obstacle	267 ft
Max Initial Rate-of Climb @ SL	42 KTAS	Landing Distance over 50 ft Obstacle	267 ft
	1,243 ft/min	Service Ceiling Exceeds	20,000 ft







RELEASE: FBB 2022

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