# 5T///TTI<sup>M</sup> 5N/-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 SUTEC100 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

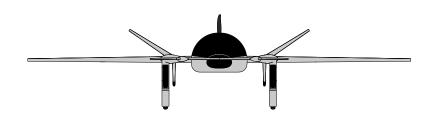
Wingspan Length Overall	36 ft 0 in 24 ft 0 in	oubin munici	67.0 in 60.0 in
Height Overall	8 ft 8 in	Cabin Height-Max	41.7 in
Wing Area	137 sq ft	_	

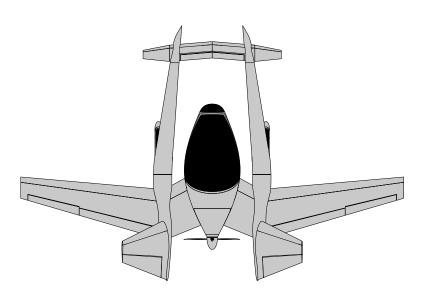
### WEIGHTS & CAPACITIES LOADINGS

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
Useful Load May Take-Off Weight (MTOW)	600 lbs 1 600 lbs	Negative Load Limit @ MTOW	2.00
Max Take-Off Weight (MTC)W)	T bootins		

### **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 137 KTAS 112 KTAS 122 KTAS 95 KTAS 103 KTAS 48 KTAS 42 KTAS	Range @ Max Level Speed- SL Range @ Max Level Speed-10,000 ft Range @ 75% Cruise Speed-SL Range @ 75% Cruise Speed-10,000 ft Range @ 50% Cruise Speed-SL Range @ 50% Cruise Speed-10,000 ft Take-Off Distance over 50 ft Obstacle Landing Distance over 50 ft Obstacle	539 nm 592 nm 616 nm 671 nm 784 nm 850 nm 605 ft 267 ft
Max Initial Rate-of Climb @ SL	1,243 ft/min	Service Ceiling Exceeds	20,000 ft
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RELEASE: JAN 2020

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