

STAVATTI[®]
SM-26



SLEEK

POWERED BY THE E660 TURBO V-8

SM-26 SLEEK

Performance & Specifications

FLYAWAY COST: \$850,000

AVAILABILITY: Contact Stavatti

TYPE

High Performance Sport Aircraft certified to FAR 23 Normal & Aerobatic Categories

ACCOMMODATION

Two Seat Tandem with Birdstrike Resistant, Single-Piece Clamshell Bubble Canopy

POWERPLANT

One (1) E660J/G-T Turbo V-8 delivering 800 hp @ 1,992 RPM driving a 8 ft diameter, 5 Blade Scimitar Propeller.

STRUCTURE

Cantilever three spar semi-monocoque aluminum lithium foam metal sandwich wing, canard and empennage with modular four element semi-monocoque aluminum lithium and aluminum foam metal sandwich fuselage.

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

Wingspan	36 ft 0 in
Length Overall	25 ft 8 in
Height Overall	8 ft 6 in
Wing Area (Reference)	156.6 sq ft

INTERIOR DIMENSIONS

Cabin Length	113.50 in
Cabin Width-Max	26.25 in
Cabin Height-Max	44.00 in

WEIGHTS & CAPACITIES

Empty Weight	2,340 lbs
Max Internal Fuel	670 lbs
Operating Weights	490 lbs
Useful Load	1,160 lbs
Max Take-Off Weight (MTOW)	3,500 lbs

LOADINGS

Wing Loading @ MTOW (lbs/sq ft)	22.34
Power Loading @ MTOW (lbs/shp)	4.37
Limit Load Factor @ MTOW	6.50
Ultimate Load Factor @ MTOW	9.75

PERFORMANCE

Max Level Speed @ SL	272 KTAS	Max Speed Range @ SL	689 nm
Max Level Speed @ FL200	294 KTAS	Max Speed Range @ FL200	1,002 nm
Max Level Speed @ FL 350	273 KTAS	Max Cruise Range @ FL350	1,501 nm
Typical Cruise Speed @ FL350	250 KTAS	Max Cruise Range @ FL4300	1,502 nm
Typical Cruise Speed @ FL400	225 KTAS	Max Climb Rate @ SL	4,382 ft/min
Typical Landing Stall Speed @ SL	46 KTAS	Service Ceiling	46,000 ft
Typical Approach Speed @ SL	53 KTAS	Takeoff over 50 ft, Takeoff Weight	982 ft
Typical Takeoff Speed @ SL	73 KTAS	Landing over 50 ft, Landing Weight	1,551 ft

