

STAVATTI[®] SM-26LS



SLEEK

POWERED BY THE E330 TURBO V-4

SM-26LS SLEEK

Performance & Specifications

FLYAWAY COST: \$400,000

AVAILABILITY: Contact Stavatti

TYPE

High Performance MOSAIC Light Sport Aircraft

ACCOMMODATION

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

POWERPLANT

One (1) E330J/G-T(FI) Turbo V-4 delivering 400 hp @ 1,992 RPM driving a 81 in 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	2,000 lbs
Max Internal Fuel	650 lbs
Operating Weights	550 lbs
Useful Load	1,200 lbs
Max Take-Off Weight (MTOW)	3,200 lbs

LOADINGS

Wing Loading @ MTOW (lbs/sq ft)	20.43
Power Loading @ MTOW (lbs/shp)	8.00
Limit Load Factor @ MTOW	6.50
Ultimate Load Factor @ MTOW	9.75

PERFORMANCE

Max Level Speed @ SL	224 KTAS	Max Speed Range @ SL	850 nm
Max Level Speed @ FL200	264 KTAS	Max Speed Range @ FL200	1,150 nm
Max Level Speed @ FL 300	240 KTAS	Max Cruise Range @ FL200	1,263 nm
Typical Cruise Speed @ FL100	225 KTAS	Max Cruise Range @ FL350	1,500 nm
Typical Cruise Speed @ FL350	208 KTAS	Max Climb Rate @ SL	2,062 ft/min
Typical Landing Stall Speed @ SL	44 KTAS	Service Ceiling	40,000 ft
Typical Approach Speed @ SL	58 KTAS	Takeoff over 50 ft, Takeoff Weight	1,213 ft
Typical Takeoff Speed @ SL	60 KTAS	Landing over 50 ft, Landing Weight	1,491 ft

