

SKYLEADER 500

PRODUCT SHEET



The SKYLEADER 500 is an all metal, two-seat, low-wing constructed aircraft with a trapezoidal wing, tricycle towed fixed landing gear with wheel pants, steerable nose wheel, and retractable gear option. The aircraft is designated for wide range of utilization such as business travels, recreational flying, pilot training and special operations.

The aircraft can be customized based on personal requirements. Clients will be impressed by the high safety standards, impressive flight characteristics and timeless design which is the result of real ASTM certified aeronautical production. Easy repair and maintenance guarantee low operational costs. Simply stated: Our aircraft provides the customers with safety, prestige, and unforgettable experience all around the world.

MAX SPEED	RANGE	CATEGORY	CAPACITY
260 km/h	1100 km	UL/LSA	2

MADE IN
TANZANIA



SPEEDS	KILOMETERS	KNOTS	MILES
Never exceed speed (VNE)	260 km/h	140 knots	162 mph
Cruise speed @ 75% power (Vc)	225 km/h	120 knots	139 mph
Maneuvering speed (VA)	142 km/h	77 knots	88 mph
Min. speed without flaps (VS1)	65 km/h	35 knots	40 mph
Min. speed with flaps (VS0)	58 km/h	31 knots	36 mph

WEIGHT	
Max. take-off weight	UL/LSA up to 580 kg / 1278 lbs.
Basic empty weight	311 kg / 686 lbs.

ENGINE & PROPELLER	
Engine type	Rotax® 912 UL, ULS ; 914 UL ; 912iS fuel injection
Maximum power	80HP – 115HP turbocharged
Propeller	2 or 3 blade – on the ground or in flight adjustable

FUEL CAPACITY & ENDURANCE	
Fuel capacity	90 L / 23.8 US gal / 143 lbs / 67 kg
Endurance	6.5+0.5h
Range	1100 km / 590 nm / 680 miles

TAKE-OFF & LANDING	
Take-off distance	185-200 m / 600 – 660 ft
Take-off run	90-100 m / 300 – 330 ft
Landing distance	200 m / 660 ft
Landing run	100 m / 330 ft

DIMENSIONS	
Wing span	9.9 m / 32 ft 5.5 in
Overall length	7.0 m / 23 ft 7.5 in
Overall height	2.6 m / 7 ft 2.6 in
Wing area	11.85 m ² / 127.5 ft ²
Aspect ration	7.78
Cabin width	1.18 m / 3 ft 10.5 in

