



SKYLEADER 500

SAFETY × PRESTIGE × EMOTION



General Description

The SKYLEADER 500 is an all metal two-seat, low wing, constructed aircraft with a trapezoidal wing. The aircraft has a tricycle towed landing gear with a steerable nose wheel and either retractable or fixed gear options. The aircraft are designated mainly for recreational flying, pilot training and special operations.

Each aircraft type can be customized based on your requirements. You will be impressed by the company tradition and experience, high safety standards, impressive flight characteristics and timeless design which is the result of ASTM certified aeronautical production. Easy repairs & maintenance guarantees the low operational costs.

Simply: Our aircraft provide safety, prestige and emotion to customers around the world.



PURE SATISFACTION

SKYLEADER 500 Specific Characteristics:

- ✓ **CATEGORY: UL / LSA (up to 580 kg / 1278 lbs MTOW)**
- ✓ **LOOK: Classical "WideBody" robust design**
- ✓ **TYPICAL USER: Aero-clubs, flight schools & corporate clientele**
- ✓ **EXAMPLE OF USE: Special operations (incl. glider & banner towing)**



SKYLEADER

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Speeds (MTOW, UL version)	Kilometres	Knots	Miles
Never exceed speed (V_{NE})	260 km/h	140 knots	162 mph
Cruise speed @ 75% power (V_C)	195 km/h	105 knots	122 mph
Maneuvering speed (V_A)	142 km/h	77 knots	88 mph
Min. speed without flaps (V_{S1})	65 km/h	35 knots	40 mph
Min. speed with flaps (V_{S0})	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, iS or 914 UL
Maximum power	80HP - 115HP turbocharged
Propeller	2 or 3-blade ground or in flight adjustable

Fuel capacity & Endurance

Fuel capacity with standard tanks	64 L / 16,9 US gal / 102 lbs / 46 kg
Fuel capacity with additional tanks	90 L / 23,8 US gal / 143 lbs / 67 kg
Endurance	4,5 h (incl. 0,5 h reserve) standard / 6,5 h (incl. 0,5 h reserve) addit.
Range	810 km / 430 nm / 500 miles (standard) / 1100 km / 590 nm / 680 miles (additional)

Take-off & Landing

Take-off distance	180-200 m / 590 - 670 ft
Take-off run	90-100 m / 300 - 330 ft
Landing distance	250 m / 825 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 sq. ft
Aspect ratio	7,78
Cabin width	1,18 m / 3ft 10,5 in

Values depending on the aircraft configuration and category

SPECS AND PERFORMANCE



SKYLEADER