



# SKYLEADER 400

SAFETY × PRESTIGE × EMOTION



## General Description

The SKYLEADER 400 is an all metal two-seat, low wing constructed aircraft with a trapezoidal wing. The aircraft has a new tricycle towed fixed landing gear with a steerable nose wheel. 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 PERFORMANCE

### SKYLEADER 400 Specific Characteristics:

- ✓ **CATEGORY: UL / LSA (up to 600 kg / 1320 lbs MTOW)**
- ✓ **LOOK: Sleek sports car inspired design**
- ✓ **TYPICAL USER: Sport aviation enthusiasts**
- ✓ **EXAMPLE OF USE: Emotional travelling**



SKYLEADER

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<b>Speeds (MTOW, UL version)</b>	<b>Kilometres</b>	<b>Knots</b>	<b>Miles</b>
Never exceed speed ( $V_{NE}$ )	260 km/h	140 knots	162 mph
Cruise speed @ 75% power ( $V_C$ )	175 km/h	94 knots	109 mph
Maneuvering speed ( $V_A$ )	142 km/h	77 knots	88 mph
Min. speed without flaps ( $V_{S1}$ )	60 km/h	32 knots	37 mph
Min. speed with flaps ( $V_{S0}$ )	53 km/h	28 knots	33 mph

## Weight

Max. take-off weight	UL / LSA up to 600 kg / 1320 lbs.
Basic empty weight	306 kg / 675 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	120 L / 31,8 US gal / 198 lbs / 90 kg
Endurance	7,5 h (incl. 0,5 h reserve)
Range	1300 km / 810 nm / 932 miles

## Take-off & Landing

Take-off distance	250 m / 820 ft
Take-off run	100 m / 330 ft
Landing distance	220 m / 720 ft
Landing run	120 m / 395 ft

## Dimensions

Wing span	9,2 m / 30 ft 2 in
Overall length	6,4 m / 21 ft
Overall height	2,3 m / 7 ft 6 in
Wing area	11,47 m <sup>2</sup> / 123,5 sq. ft
Aspect ratio	7,41
Cabin width	1,15 m / 3ft 9 in

Values depending on the aircraft configuration and category

SPECS AND PERFORMANCE



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