



# SKYLEADER 100

SAFETY × PRESTIGE × EMOTION



## General Description

The SKYLEADER 100 is an all metal one-seat, low-wing constructed aircraft with a rectangular or trapezoidal wing. The aircraft has a conventional "taildragger" fixed landing gear. The aircraft are designated mainly for recreational flying.

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

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



## PURE ENJOYMENT

### SKYLEADER 100 Specific Characteristics:

- ✓ **CATEGORY: UL (315 kg / 695 lbs MTOW)**
- ✓ **LOOK: Sporty, cute, light & fast**
- ✓ **TYPICAL USER: Homebuilders (KIT or RTF)**
- ✓ **EXAMPLE OF USE: Fun flights in local areas**

PRODUCT OVERVIEW



SKYLEADER



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## Speeds

	Kilometres	Knots	Miles
Never exceed speed ( $V_{NE}$ )	223 km/h	120 knots	140 mph
Cruise speed @ 75% power ( $V_C$ )	140 km/h	75 knots	87 mph
Maneuvering speed ( $V_A$ )	115 km/h	62 knots	72 mph
Min. speed without flaps ( $V_{S1}$ )	55 km/h	29 knots	34 mph
Min. speed with flaps ( $V_{S0}$ )	45 km/h	24 knots	28 mph

## Weight

Max. take-off weight	UL 315 kg / 695 lbs.
Basic empty weight	210 kg / 463 lbs.

## Engine & Propeller

Engine type	Rotax® 503 UL, 582 UL (two stroke) or HKS® 700 E (four stroke)
Maximum power	50HP - 60HP
Propeller	3-blade ground adjustable

## Fuel capacity & Endurance

Fuel capacity	28 L / 7,4 US gal / 45lbs / 20kg
Endurance	2,5 h (incl. 0,5 h reserve)
Range	278 km / 150 nm / 173 miles

## Take-off & Landing

Take-off distance	200 m / 660 ft
Take-off run	100 m / 330 ft
Landing distance	250 m / 820 ft
Landing run	130 m / 430 ft

## Dimensions

Wing span	6,9 m / 22 ft 6 in
Overall length	5,6 m / 18 ft 4 in
Overall height	2,0 m / 6 ft 6 in
Wing area	8,37 m <sup>2</sup> / 90 sq. ft
Aspect ratio	5,64
Cabin width	0,6 m / 1ft 11,6 in

Values depending on the aircraft configuration and category

SPECS AND PERFORMANCE



SKYLEADER