



*Llin Aviation s.r.l.*



*Savage* **Cub**

*Runways Optional...*



The new Savage Cub, with his unique and new look (the main structure comes from our standard Savage Classic and Cruiser aircrafts but was totally redesigned) can be equipped with several professional options that offer to the Pilots the possibility to operate into the bush.

We took care about all the aspects of the bushflying and we learned from the experience of the professional operators of the legendary Piper Super Cub. With a basic Savage Cub you will fly an aircraft that will give you the feeling that only historical planes recall. With some special options your Savage Cub will be able to land almost everywhere enjoying the freedom and the

spirit of the real bushflying. There are two ways for a Pilot to go from the classical point A to the point B...One of the most common way is to fly very fast, looking from the sky the beauty of the landscape. We think there is another way... We offer to our customers another choice...To fly slower, enjoying the special opportunity to put the wheels where we dream (according to the rules), immersing ourself into the nature and not only looking at the beautiful landscape that normally we observe from the sky... Remember our philosophy : runways are only an option for a Savage's Cub Pilot...

*Fly in a remote area near or far from your base. Camp for a weekend ..alone..Only you and your plane. And you will discover a new side of your fantastic passion... And probably also something more about yourself. That's our mission...*



## Dimensions and Performance

Engine	ROTAX 912S 100 HP 5800 rpm
Fuel tank capacity	68 litres (18 Gallons)
Propeller	Wooden 2 blade, diam. 183 cm (72 in)
Wing span	939 cm (369,7 in)
Length	640 cm (252in)
Height	203 cm (80 in)
Height with Al.Bw 29" and ext. gear	203 cm (80 in)
Wing surface area	14,2 m <sup>2</sup> (152,85 sq ft)
Wing chord	156 cm (61,4 in)
Cabin width	67 cm (26,3 in)
Undercarriage gauge	186 cm (73,2 in)
Und.gauge with Al.Bw 29" and ext. gear	200 cm (78,7 in)
Max take-off weight	472,5/560 kg (1.041/1.234 lbs)
Weight unloaded ULM-LSA (basic)	296 kg (652 lbs)
Effective load capacity	176,5 / 264 kg (388,8/ 581.6 lbs)
Max wing loading	39,4 kg (86,9 lbs)
Load factor	+6 - 3 G
Vne	205 km/h (128 mph)
Max speed s.l.	185 km/h (115 mph)
Cruising speed 75%	165 km/h (103 mph)
Climb rate	5 m/s (984 ft/m)
Climb rate (climb prop)	>6,4 m/s (1.260 ft/m)
Stall speed w/f	58 km/h (36 mph)
Max ceiling	4400 m (14400 ft)
Range 65 %	700 km (434 mi)
Required take-off space	100 m (328 ft)
Required landing space	85 m (278 ft)
Required take-off space (conf.A)	70 m (229 ft)
Required landing space (conf.B)	<75 m (<246 ft)
Required take-off space (conf.C)	45 m (147 ft)
Required landing space (conf.D)	<30 m (<98,4 ft)
Req. land. sp. w15 m obstacle (conf.B)	150 m (<492 ft)
Cross wind component (max.)	29 km/h (18 mph)

### Configuration A

with climb prop, vortex, thrust line and extended landing gear

### Configuration B

Required landing space with climb propvortex,thrust line ,extended landing gear and performance brake system

### Configuration C

Required take-off space with climb propvortex,thrust line, extended landing gear and single pilot

### Configuration D

Required landing space with climb propvortex,thrust line,extended landing gear, performance brake system and single trained pilot

## New Savage Cub Features

- New Fuselage Design
- New X brace in the tail section
- New X brace at the top of the cabin
- New reinforced landing gear attachments
- New landing gear design
- New suspensions and new safety cables
- New reinforced battery box attachments
- New battery door panel
- New vertical tail and fin design
- New door and rear windows design
- New larger baggage area
- New confort seatings
- New aluminium bowl
- New panel housing
- New instrument panel
- New firewall design
- New aluminium cowling
- New spinner
- New wing tip
- New reinforced flaps

## Optionals

### Landing Gear

- 6 inch HD extended landing gear
- Alaskan Bushwheels 29"
- Alaskan Bushwheels 31"
- Step
- Reinforced axles 1 1/4"
- Matcho Performance brake system
- AOSS suspension system
- Safety cables
- Reinforced tail leaf

### Interiors-Cargo

- De Luxe Leather seating
- Aluminium side panels
- Complete wooden floorboards
- Left window partially extendable
- Extended solid baggage compartment
- Belly Pod Cargo
- Cargo net

- Cargo tie down rings
- Camping Kit
- Cessna style elevator trim
- New Series UMA engine instruments
- Defroster

### Safety

- Rescue system
- ELT
- Airbag safety belts

### Aerodynamic/performance

- Vortex
- Thrust line
- Climb propeller (2mt)
- Rotax 914 turbo
- Lycoming IO-233 LSA

### Generals

- Personal Bush Flying training



*Zlin Aviation s.r.o.*

Napajedla  
2 Kvetna 685  
Czech Republic  
www.zlinaero.com  
info@zlinaero.com  
Tel / FAX 0042 0 577941250

