

**SPECIFICATIONS; Savannah XL** from *AeroKits...* Ph. 0267299202

	<b>Rotax 912 UL 80 HP</b>	<b>Rotax 912 ULS 100 HP</b>
Material	6061-T6 aluminum	
Seating	2, side-by-side	
Wing type	high with 2 struts	
Wing span	8980mm	
Wing chord	1320mm	
Wing area	11.90m <sup>2</sup>	
Aspect ratio	6.3:1	
Wing loading	45.7Kg/M <sup>2</sup>	
Flaps	0 - 20 - 40	
Landing gear	fixed, tricycle	
Wheel track	1700mm	
Length	6500mm	
Height	2580mm	
Cabin width	1165mm	
Gross weight	560Kg (544Kg RAA Limit)	
Power ratio	5.47Kg – 5.05Kg./hp	
Forward C of G limit	25% MAC	
Rear C of G limit	38.5% MAC	
Limit load factor (At 544Kg)	+6/-3g (+4/-2g)	
Number of kits sold	800+	
Empty weight - Kgs *	272	276
Useful load - Kgs.	272 (RAA Limit)	268 (RAA Limit)
Fuel capacity - Litres. Plus 6L reserve tank.	72 (144)	72 (144)
Payload with max. fuel – Kgs **	215 (158)	211 (154)

\* Empty weight is for a Savannah completed and flown with only standard equipment as indicated in "Kit Contents". Empty weight will increase when adding optional accessories and paint.

\*\* A luxuriously-equipped, factory-built, ready-to-fly Savannah including a Rotax 912ULS (100hp) engine, painted with two coats of primer and 3 coats of solid polyurethane enamel, with radio, transponder, intercom, GPS, turn coordinator, trim indicator, strobe/nav lights, ELT, and dual stick grips, and incorporating all standard equipment and fluid levels, typically weighs 297Kg. Add full fuel of 72L (57Kg.) for a ramp weight of 354Kg. This leaves a payload of 190Kg. for pilot, passenger and baggage.

**PERFORMANCE; Savannah VG** from **AeroKits...** Ph. 0267299202

	<b>Rotax 912 UL 80 HP</b>	<b>Rotax 912 ULS 100 HP</b>
Stall speed full flaps (Vso) - Kts	26	26
Approach speed (Vref) - Kts	34	34
Maneuvering speed (Va) - Kts	74	74
Cruise speed - Kts TAS (standard tires)	85	90
Max speed - Kts TAS (standard tires)	95	95
Never exceed speed (Vne) - Kts	108	108
Take off run at 454Kg. - M	40	30
Landing roll at 454 Kg. - M.	40	
Climb rate- ft/min	900	1200
Best rate of climb speed - Kts	46	49
Best angle of climb speed - mph	42	45
Glide ratio at 54Kts	11:1	
Fuel consumption at 75% power – L/Hr	16.2	18.5
Range (max endurance) – NM Std Tanks	370	355

**Performance figures are typical for a standard Savannah and are general in nature**