



## Risen 912iS

## Risen 915iS SV

<b>WEIGHTS</b>		
Approx. Empty weight (depending on the configuration)	from 717 Lbs	from 772 Lbs
Max. Take-Off Weight	1323 Lbs	1378 Lbs
<b>DIMENSIONS</b>		
Wing span	29.5 ft	26.9 ft
Wing area	104.4 sq ft	91.5 sq ft
Length	22,31 ft	
Max cabin width	4.04 ft	
Fuel tanks capacity (2 x)	13.3 US gal	15.85 US gal
<b>PERFORMANCE</b>		
Max. Climb rate	1575 ft/min	1968 ft/min
Stall speed with flaps IAS	38 kts	42 kts
Engine max power (Rotax engine)	100 hp	141 hp
Best climb speed IAS	86 kts	92 kts

Consumption at Long Range speed	<b>LONG RANGE</b>	2 US gal/h	2.25 US gal/h
Cruise speed at Long Range power @Sea Level TAS		104 kts	108 kts
Range at Long Range speed @Sea Level		1260 NM	1470 NM
Long Range cruise speed @FL90 TAS		119 kts	124 kts
Range at Long Range speed @FL90		1520 NM	1600 NM

Consumption at 75% power @Sea Level	<b>75% POWER</b>	4.5 US gal/h	6.9 US gal/h
Cruise speed at 75% power @Sea Level TAS		159 kts	181 kts
Range at 75% power @Sea Level		820 NM	744 NM
Consumption at 75% power @FL90		3.7 US gal/h	6.9 US gal/h
Cruise speed at 75% power @FL90 TAS		162 kts	197 kts
Range at 75% power @FL90		1040 NM	850 NM

Consumption at max. horizontal speed @Sea Level	<b>MAX POWER</b>	6.6 US gal/h	11.1 US gal/h
Max. Horizontal speed @Sea Level TAS		175 kts	210 kts
Range at max. horizontal speed @Sea Level		605 NM	505 NM
Consumption at max. horizontal speed@FL90		5.3 US gal/h	11.1 US gal/h
Max. Horizontal speed @FL90 TAS		175 kts	210 kts
Range at max. horizontal speed @FL90		770 NM	550 NM

VNE IAS	184 kts	205 IAS <b>or</b> 242 TAS(*)
Max. Rough air speed IAS	153 kts	170 kts
Max. Load factors (Gust load factors)	+5.0/-3.0	+5.0/-3.0
Best glide ratio	23 : 1	20 : 1

NOTE: Ranges are computed with a 30 min Reserve with long range power setting.

(\*) Above 4150 mt AMSL VNE 242 kts TAS will be the limit.