

Data Sheet



	Rotax 912 ULS	Rotax 912iS	Rotax 914 Turbo	
Engine output	100 hp	100 hp	115 hp	
Max climb rate	1,476 ft/min	1,575 ft/min	1,673 ft/min	
Stall speed with flaps	30 kts (35 mph)			
Best climb speed	86 kts (99 pmh)			
Long range cruise speed	103 kts (119 mph)*			
Cruise speed (75%)	157 kn (181 mph)*	159 kts (183 mph)*	162 kts (186 mph)*	175 kts (202 mph)**
Guaranteed max. h. speed	170 kts (196 mph)*	173 kts (199 mph)*	178 kts (205 mph)*	184 kts (211 mph)**
Never exceed speed (VNE)	184 kts (211 mph)			
Range / consumption at Max g. horizontal speed	5.7 US gph – 574 NM (661 mi)	4.5 US gph – 757 NM (871 mi)	6.6 US gph – 510 NM (587 mi)	
Range / consumption at cruise speed (75%)	4.5 US gph – 695 NM (800 mi)	3.6 US gph – 904 NM (1,040 mi)	5.3 US gph – 600 NM (690 mi)	
Range / consumption at long range cruise speed	1.7 US gph – 1,274 NM (1,466 mi)	1.4 US gph – 1,605 NM (1,847 mi)	2.4 US gph – 906 NM (1,043 mi)	
Max load factor	+5.0 g / - 3.3 g			
Fuel tanks	2x 11.4, can be extended up to 2x 26 US gal			
Wing span & area	29.5 ft / 104 sq ft			
Length	22.3 ft			
Height	5.5 ft fuselage / 6.9 ft tail			
Cabin width	4 ft 4 in			
Empty weight	From 655 lb (depending on configuration)			
Max. take-off weight	1322 lbs			
Best glide ratio	1:23			

*at sea level

**at FL90



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