

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 kn (35 mph) | | | |
| Best climb speed | 86 kn (99 mph) | | | |
| Long range cruise speed | 103 kn (119 mph)* | | | |
| Cruise speed (75%) | 157 kn (181 mph)* | 159 kn (183 mph)* | 162 kn (186 mph)* | 175 kn (202 mph)** |
| Guaranteed max horizontal speed | 170 kn (196 mph)* | 173 kn (199 mph)* | 178 kn (205 mph)* | 189 kn (217 mph)** |
| Never exceed speed (VNE) | 189 kn (217 mph) | | | |
| Range / consumption at Max g. horizontal speed | 5.7 US gph - 574 NM (661 mi) | | 6.6 US gph – 510 NM (587 mi) | |
| Range / consumption at cruise speed (75%) | 4.5 US gph – 695 NM (800 mi) | | 5.3 US gph – 600 NM (690 mi) | |
| Range / consumption at long range cruise speed | 1.7 US gph – 1274 NM (1,466 mi) | | 2.4 US ghp – 906 NM (1043 mi) | |
| Max. Load Factor | +5.5 g / -3.5 g | | | |
| Fuel Tanks | 2x 11.4 US gal, can be extended up to 2x 26 US gal | | | |
| Wing Span & Area | 29.5 in / 104 sq ft | | | |
| Length | 22.3 ft | | | |
| Height | 5.6 ft fuselage / 6.9 ft | | | |
| Cabin Width | 4 ft 4 in | | | |
| Empty Weight** | From 655 lb (depending on configuration) | | | |
| Max. Take-off Weight | 942 lb to 1,213 lb | | | |
| Best glide ratio | 1 : 23 | | | |

*at sea level

**at FL90



SWISS EXCELLENCE AIRPLANES



First performance data for the Rotax 915is Turbo

| | Rotax 915is Turbo | |
|--|--------------------------|--------------------|
| Engine output | 135 hp | |
| Max climb rate | 1,673 ft/min | |
| Stall speed with flaps | 38 kn (44 mph) | |
| Best climb speed | 92 kn (106 mph) | |
| Cruise speed (75%) | 181 kn (208 mph)* | 397 kn (227 mph)** |
| Guaranteed max horizontal speed | 192 kn (221 mph)* | 211 kn (242 mph)** |
| Never exceed speed (VNE) | 216 kn (249 mph) | |
| Wing Span | 26 ft 3 in | |
| Max. Take-off Weight | 1,323 lb | |
| Glide ratio | 1 : 18 | |

*at sea level

**at FL90

