

Specifications

|                           | <i>Sport</i>                | <i>Elite</i> |         | <i>Sport</i> | <i>Elite</i> |         |
|---------------------------|-----------------------------|--------------|---------|--------------|--------------|---------|
| Seats 2                   | 2                           | same         |         | 2            | same         |         |
| Length                    | 22.4                        | same         | feet    | 6.8          | same         | m       |
| Height                    | 6.4                         | same         | feet    | 2.0          | same         | m       |
| Wingspan                  | 30.8                        | same         | feet    | 9.4          | same         | m       |
| Wing area                 | 158                         | same         | sq ft   | 14.7         | same         | sq m    |
| Flap Settings             | 10,20,30                    | same         | degrees |              | same         | degrees |
| Main wheels Tire Diameter | 16                          | Same         | inch    | 0.41         | same         | m       |
| Main wheel span           | 7.7                         | same         | feet    | 2.34         | same         | m       |
| Cabin width               | 44                          | same         | inch    | 1.1          | same         | m       |
| Cabin height above Seat   | 35                          | same         | inch    | 0.89         | same         | m       |
| Hull draft                | 10                          | same         | inch    | 0.25         | same         | m       |
| Baggage weight capacity   | 50                          | same         | lb      | 23           | same         | kg      |
| Baggage L W H             | 48 x 44 x 17                | same         | inch    | 121x112x43   | same         | cm      |
| Baggage volume            | 13                          | same         | cu ft   | 368          | same         | Liter   |
| Wing Chord                | 61                          | same         | inch    | 1.49         | same         | m       |
| Root Chord                | 76                          | same         | inch    | 1.86         | same         | m       |
| Tip Chord                 | 46                          | same         | inch    | 1.13         | same         | m       |
| Aspect Ratio              | 6.06                        | same         |         |              | same         |         |
| Taper Ratio               | 0.6                         | same         |         |              | same         |         |
| L.E. Sweep                | 7.5                         | same         | degrees |              | same         |         |
| Stabilizer Span           | 110                         | same         | inch    | 2.70         | same         | m       |
| Fuel Capacity             | 26                          | same         | Gal     | 118          | same         | Liter   |
| Fuel Specification        | Mo Gas Octane > 91 or 100LL | same         |         |              | same         |         |
| Empty Weight              | 980                         | 990          | lb      | 445          | 449          | kg      |
| Max Gross Weight          | 1430                        | 1430         | lb      | 649          | 649          | kg      |
| Payload                   | 450                         | 440          | lb      | 204          | 200          | kg      |
| Horse Power               | 100                         | 115          | Hp      | 100          | 115          | Hp      |
| Power Loading             | 14                          | 12           | lb / hr | 6.5          | 5.6          | kg / hr |
| Limited load              | +G4/-G2                     | same         |         | +G4/-G2      | same         |         |
| Ultimate load             | +G4/-G3                     | same         |         | +G4/-G3      | same         |         |

Equipment

|                            | <i>Sport</i>   | <i>Elite</i>                                 |
|----------------------------|--|--|
| Engine                     | Rotax 912 ULS  | Rotax 914 UL                                 |
| Engine TBO                 | 2000 hrs   | 2000 hrs                                     |
| Fuel Pump                  | Mechanical pump on Rotax engine, electric backup fuel pump | Electric main fuel pump and backup fuel pump |
| Propeller                  | Ground adjustable, Warp Drive; Composite 3 blade, 68" dia. | same   |
| Hull Material              | Fiber glass  | Carbon Fiber                                 |
| Engine Cowling             | Option   | Std.   |
| Battery                    | 12v, 18 Ah battery   | Same   |
| Cabin heater               | Liquid   | Liquid                                       |
| Pedal extension            | Option   | Option                                       |
| Sliding Canopy             | Std  | Std  |
| Wheel brakes               | Hydraulic hand brake                                       | Same   |
| Parking brake              | Hydraulic parking brake                                    | Same   |
| Electric landing gear      | Std  | Std  |
| Electric Flaps             | 4 button position control, 0, 10, 20, 30 degrees           | Same   |
| Electric elevator trim     | on control stick   | Same   |
| Bilge pump                 | Electric   | Same   |
| Draining plugs             | Two: one at the step; the other at the transom             | Same   |
| Landing gear fairing       | Option   | Std  |
| Keel guard                 | Option   | Option                                       |
| Flying surfaces            | PolyFiber  | Same   |
| Radio                      | Garmin GTR 200 Comm Radio                                  | Same   |
| Transponder                | Garmin GTX 327   | Same   |
| GPS                        | Garmin Aera 500  | Garmin 696                                   |
| Gear warning               | Audio and visual on EFIS                                   | Same   |
| Angle of Attack warning    | Audio and visual on EFIS                                   | Same   |
| Low fuel warning           | Audio and visual on EFIS                                   | Same   |
| ELT                        | Ameri-King AK 451  | Same   |
| Strobe / Navigation lights | AeroLEDs   | Same   |
| Bow Lights                 | LED  | LED  |
| Salt water treatment       | Option   | Option                                       |

Performance

|   | <i>Sport</i> | <i>Elite</i> |              | <i>Sport</i> | <i>Elite</i> |          |
|---|--------------|--------------|--------------|--------------|--------------|----------|
| Max Cruise Speed                            | 92           | 105          | mph          | 148          | 169          | km/h     |
| Cruise Speed @75% power                     | 86           | 98           | mph          | 138          | 158          | km/h     |
| Stall Speed Flaps Down                      | 38           | 38           | mph          | 61           | 61           | km/h     |
| Stall Speed Flaps Up                        | 47           | 47           | mph          | 76           | 76           | km/h     |
| Vne   | 120          | 120          | mph          | 193          | 193          | km/h     |
| Rate of Climb @ sea level                   | 650          | 1100         |              | 3.3          | 5.6          | m/s      |
| Takeoff Roll Landl                          | 350          | 268          | feet         | 107          | 81.7         | m        |
| Takeoff Roll Water                          | 472          | 350          | feet         | 144          | 107          | m        |
| Takeoff over 50 ft obstacle (land)          | 1400         | 1100         | feet         | 427          | 335          | m        |
| Takeoff over 50 ft obstacle (water)         | 1525         | 1250         | feet         | 465          | 381          | m        |
| Landing Roll (land)                         | 325          | 325          | feet         | 99           | 99           | m        |
| Landing Roll (water)                        | 350          | 350          | feet         | 107          | 107          | m        |
| Glide Ratio (engine off)                    | 8:1          | 8:1          |              | 8:1          | 8:1          |          |
| Service Ceiling                             | 13000        | 18000        | ft           | 3962         | 5486         | m        |
| Oil Capacity                                | 3.7          | 3.7          | qt           | 4            | 4            | liter    |
| Fuel Range (with 30 min reserve) @75% power | 363          | 379          | statute mile | 584          | 610          | km       |
| Fuel Flow                                   | 5.3          | 5.5          | gallon / hr  | 20           | 21           | liter/hr |