

Searey Aircraft Performance

	<u>Rotax 912</u>	<u>Rotax 914</u>
Max Cruise Speed (mph)	95	113
Cruise Speed at 75% Power (mph)	90	98
Stall Speed Flaps Down (mph)	38	38
Stall Speed Flaps Up (mph)	47	47
Rate of Climb at Sea Level (fpm)	650	1100
Takeoff Ground Roll	350'	268'
Takeoff Water Run	472'	350'
Takeoff over 50' Obstacle-Land	1400'	1100'
Takeoff over 50' Obstacle-Water	1525'	1250'
Landing Roll – Land	325'	325'
Landing Run – Water	350'	350'
Glide Ratio (engine off)	8:1	8:1
Service Ceiling	13,000'	18,000'
Fuel Capacity (gallons)	23	23
Fuel Range (miles)		
w 30 min reserve @75% power	363	379
Fuel Flow (gph)	5.3	5.5

Searey Aircraft Specifications

Seats	2
Length	22.4'
Height	6.4'
Wingspan	30.8'
Wing Area	158 sq ft
Main Wheel Tire Diameter	16"
Cabin Width	44"
Hull Draft	10"
Fuel Specification	91 Octane MoGas or 100LL
Max Gross Weight (Light Sport)	1430lbs
Max Gross Weight (Experiemental)	1510lbs
Payload (Light Sport)	440lbs (Elite), 490lbs (Adventure)
Payload (Experimental)	570lbs
Horsepower	100 (Rotax 912), 115 (Rotax 914)

Searey Aircraft Features

	<u>Adventure</u>	<u>Elite</u>
Rotax 912 (2000hr TBO)	Standard	N/A
Rotax 914 (2000hr TBO)	Optional	Standard
Warp Drive 68" Composite Propeller	Standard	Standard
Cabin Heater	Standard	Standard
Electric Bilge Pump	Standard	Standard
Sliding Canopies	Standard	Standard
Electric Landing Gear	Standard	Standard
Gear Warning System	Standard	Standard
Manual Flaps	Standard	N/A
Electric Flaps	N/A	Standard
Analog Instrumentation	Standard	Standard
Garmin G3X Touch 10" and 7" EFIS	N/A	Standard
ADS-B Compliant for 2020 Regulations	Standard	Standard
Folding Wing System	Optional	Optional

