

Sport 2S

The Sport 2S is the latest evolution in Quicksilver's open cockpit design.

The Sport 2S development program began with the goal of producing the best side-by-side trainer ever.

Featuring strutted wings, a wider cockpit, rugged tri-cycle gear and larger wheels. The Sport 2S combines the many suggestions and comments of ultralight enthusiasts and professionals with Quicksilver's extensive designing, engineering, and R & D testing to fulfill that goal.

Pilots used to the docile and predictable of the Quicksilver MX line of ultralight planes will be pleased with the Sport 2S. It provides the solid feel of a strut braced plane with the desirable flying characteristics that have made Quicksilvers so popular.

The Sport 2S' thoroughly engineered design and complete factory and dealer support help to make your flying as enjoyable as possible. Quicksilvers are the easiest kits on the market to assemble. An improved wing cover design makes the Sport 2S even faster to build. You are ready to fly with only a few weekends and some basic tools. Aircraft grade hardware and custom fittings allow for exceptional ease of assembly, maintenance, and breakdown for storage. In about thirty minutes you can go from trailer to flight. The Sport 2S boasts a wealth of new features.

Features

- *Dual CDI Electronic Ignition*
- *Dual Carburetor Engine*
- *Rugged Aluminum Steerable Nose Wheel*
- *Main Wheel Brakes*
- *Double Surface Wings with Streamlined Struts*
- *Extra ribs with Mylar Leading Edge Insert for Extra Firm Airfoil*
- *Increased Max Takeoff Weight of 1000 lbs.*
- *Conventional 3-Axis Controls*
- *68" Propeller*
- *Wider Tail Boom Accommodates up to 72" Propeller*
- *Even Wider Cockpit for Greater Pilot Comfort*
- *Inflight Adjustable Trim Control*
- *Tapered Stabilizer*
- *Tubular-Braced Tail*
- *Excellent Crosswind Capability*
- *Easy Handling and Responsive Control*
- *Short Take-off and Landing*
- *Quick Breakdown for Transport*
- *Quicksilver's Famous Quality*
- *Easy-to-Assemble Kit (Average 40 to 60 Hours)*
- *Airspeed Indicator Included*
- *Six-Month Written Warranty (See Dealer for Details)*

NOTE: NOTE: All specifications are based on manufacturer's calculations.

All performance figures are based on standard day, standard atmosphere, at sea level and 465 lb. crew weight, unless otherwise noted.

The performance shown reflects this aircraft's maximum potential.

Flight training required.

Specifications subject to change without notice.

This aircraft is not designed for aerobatics.

Be sure to follow the owner's manual recommendation for maintenance guidelines.

The pilot is responsible for operating this aircraft in accordance with the applicable Federal and State Regulations.

Specifications - R582:

POWERPLANT

Powerplant	Rotax 582
No. Cylinders	2
Displacement	580.7 cc
Horsepower	64 hp
Recommended TBO	250 hrs
Propeller	68" x 36"
Length	18ft 1/2 in
Height	7ft 4 in
Wingspan	31 ft
Wing area	174.1 sq ft
Wing loading	5.74 lb/sq ft
Power loading	15.63 lb/hp
Seats	2
Minimum weight crew	1
Empty Weight	430 lb
Useful load	566 lb
Payload w/full fuel.	530 lb
Max takeoff weight	1000 lb
Fuel capacity	6 U.S. gal

PERFORMANCE

Takeoff distance, ground roll	240 ft
Takeoff distance, 50 ft obstacle	660 ft
Rate of climb	500 fpm
Max level speed, sea level	69 mph
Landing distance, 50 ft obstacle	484 ft
Landing distance, ground roll	220 ft
Glide Ratio	5.5:1
Minimum sink rate	660 fpm

CRUISE PERFORMANCE CHART

At 55% power (rpm/mpH)	5000/55
At 65% power (rpm/mpH)	5300/58
At 75% power (rpm/mpH)	5600/61
At 100% power (rpm/mpH)	6500/69

FUEL FLOW

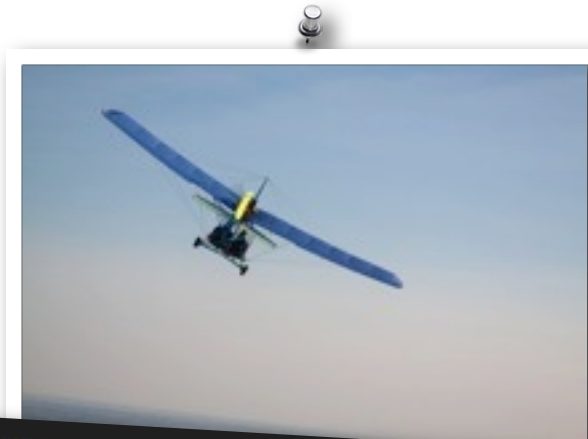
At 55% power (gpm/mpH)	4.5/63
At 65% power (gpm/mpH)	4.8/65
At 75% power (gpm/mpH)	5.6/69
At 100% power (gpm/mpH)	7.4/73

AIRSPEEDS

Vx (Best angle of climb)	42 mph
Vy (Best rate of climb)	48 mph
Va (Design maneuvering)	70 mph
Vne (Never exceed)	87 mph
Vs1 (Stall, power o)	37 mph
Vs0 (Stall, aps down, power o)	N/A
Landing approach speed	49 mph

Kit Cost

Contact local dealer or Quicksilver for Price



You dreamed it. We just help you along the way

All specifications are based on manufacturers calculations.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

This information is for reference only, please consult Quicksilver or one of it's dealers for exact and up to date specifications.