



STORM RALLY. . .

The LSA That's Creating a Real Storm!



The Storm is here and no matter how you look at it—from its sleek Italian styling, its spacious cockpit, its comfortable “Leather Touch” *in-flight* adjustable seats, its *huge* baggage compartment, or to its remarkable performance, the Rally is creating a Storm. The all carbon-composite Rally is remarkably stable and durable, with performance that puts it in a class by itself.

You’ll love the feel of the controls and the way it handles in all flight regimens. Yet, you can cruise at 123 mph for over 4 hours on 4 gph—that’s 30+ mpg@120+ mph! (With optional 34 gal extended range tanks, range is 7 hours or 800 nm!) Try that in a Beemer or Mercedes. And its proven, reliable Rotax sips the same auto fuel of a Beemer or Mercedes instead of high cost 100LL.

Best of all, even fully equipped with today’s state-of-the-art “glass” avionics, the Storm Rally is competitively priced. The Storm Rally—the best of the next generation of LSA’s. In a class by itself.

For a demo flight, contact Light Sport America or your nearest Storm Rally dealer and see for yourself why the Storm Rally is the ideal LSA—for you.



STANDARD FEATURES

- Rotax 912 ULS2 100HP engine
- 70", 3-bladed ground adjustable prop
- Electric Elevator trim
- Steer-able nose gear
- Differential Toe Brakes (both sides)
- Cabin Heat System
- “Leather Touch” *in-flight* adjustable seats
- 4 point lap and shoulder seat belts
- 5" main landing gear wheels with disc brakes
- Center Console Parking brake
- Electric, 4-position flaps
- Wingtip Strobes, Tail Position & Landing Lights
- Stick mounted elevator trim and comm PTT
- Wheel pants

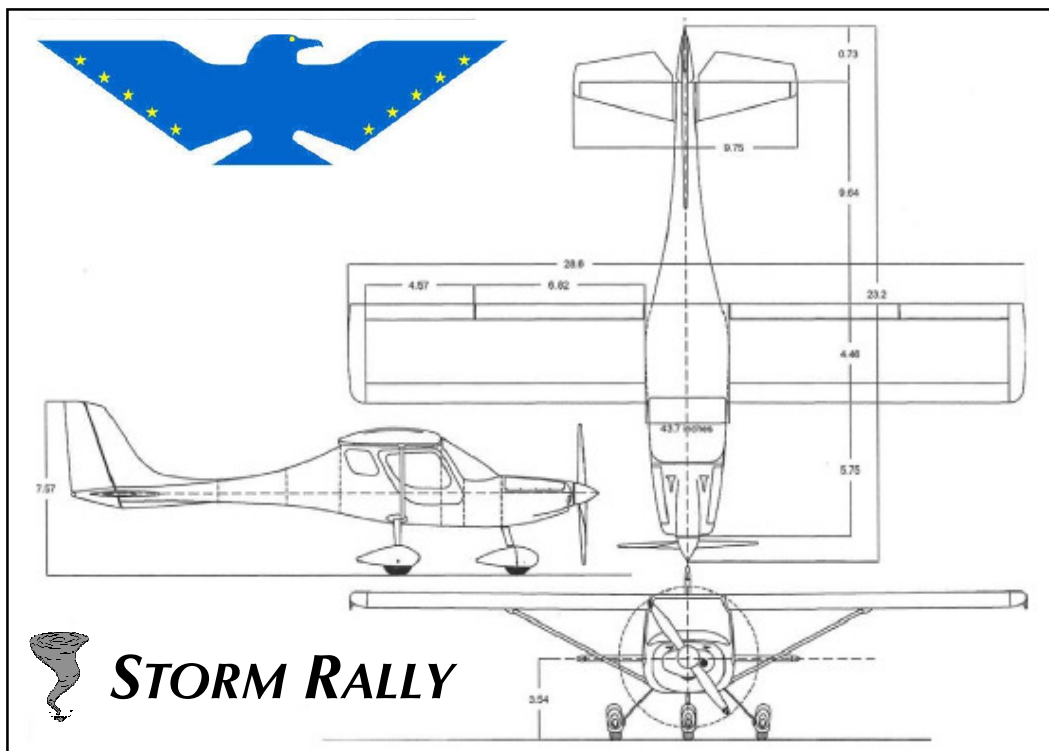
INSTRUMENTS

- Airspeed indicator
- Vertical Speed indicator
- Altimeter
- Slip Indicator
- Magnetic compass
- Tachometer
- Hour meter
- CHT
- Oil Temp
- Oil pressure
- Fuel Pressure
- RIL Fuel Level indicators

AVIONICS

Choose from a wide variety of optional avionics including:

- Garmin or Icom VHF Comm
- Stereo Intercom
- Garmin GTX320A or GTX327 TSO transponder
- Ameri-King AK350 encoder
- Dynon or Grand Rapids Technology EFIS & Engine Monitor
- GPS/Moving Map w/weather
- Optional 2-axis autopilot



SPECIFICATIONS

ENGINE

Engine: ROTAX 912 UL S2
 Engine type: Normally aspirated, 4-cyl, 4-stroke, liquid/air-cooled engine with opposed cylinders, dry sump, forced lubrication with separate 0.8 gal oil tank, 2 carburetors, mechanical and electric fuel pumps, Ducati electronic dual ignition, electric starter, integrated reduction gear 1:2.43.
 HP rating: 100 BHP @ 5800 RPM, 95 BHP @ 5500 (continuous).

PROPELLER

Number of blades: 3
 Propeller type: Ground adjustable
 Propeller : 70" WARP DRIVE

FUEL

	<u>Std Tanks</u>	<u>Long Range</u>
Fuel capacity (both tanks):	24 US gal	35 US gal
Total usable:	21 US gal	31 US gal

Oil

Oil capacity: 0.8 gal

Maximum Aircraft Weights

Gross Take-off Weight:	1,320 lbs.
Standard Empty Weight, Basic:	760 lbs.
Maximum useful load:	560 lbs.
Baggage Allowance:	100 lbs.

Cabin and Entry Dimensions

Cabin Height: Top of seats to roof = 40"
 Entrance Doors: 34" wide x 39" high
 Length: Instrument panel to rear bulkhead—70"
 Cabin width: 43.7" (Door to Door)
 Baggage Area: 26" (L) x 28-42" (W) x 27- 32" (H)
 Volume = ± 16 cu. ft.

PERFORMANCE (ISA Conditions, Sea Level)

SPEED

Maximum at sea level: 120 kts/138 mph
 Cruise (75% power @ 2000 ft): 107 kts/123 mph

CRUISE

Range: 75% @ 2000 ft: 438 nm/504 sm
 Duration: 4.1*hrs

RATE OF CLIMB AT SEA LEVEL: 800 fpm
SERVICE CEILING: 12,000 ft

TAKEOFF PERFORMANCE

Ground roll: 360 ft
 Total distance over 50 ft obstacle: 600 ft

LANDING PERFORMANCE

Ground roll: 450 ft
 Total distance over 50 ft obstacle: 1000 ft

STALL SPEED:

Flaps up, power off: 44 knots
 Flaps down, power off: 35 knots

WING LOADING: 10.34 lbs/sq ft

GLIDE RATIO: 17:1

POWER LOADING: 13.2 lbs/hp

*Standard fuel: 24 gal/21 gal usable) *Optional long range tanks: 34 gal/31 gal usable.

Airspeed Limitations	KTS/MPH
V _{NE} (Do not exceed this speed—design limit)	140/161
V _{NE} (L.S.A. limit)	120/138
V _{NO} (Maximum structural cruising speed.)	120/138
V _A (Maneuvering speed)	88/101
V _{FE} /V _{LE} (Maximum speed, flap extended)	60/69



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