

Ready To Fly SLSA MYSTIQUE

LSA America, Inc. presents the SLSA Certified



- **Classic European Styling**
- **Hand Crafted Workmanship**
- **Custom Built**
- **Fully Assembled**
- **Side By Side Seating**
- **Sleek Aerodynamic Lines**
- **A Dream To Fly**
- **Powered By Reliable Rotax 912 or 912 S Engines**

The MYSTIQUE is an all composite, low wing, two seat airplane. The fuselage is sandwich composite, with oval cross section ideally proportioned for structural rigidity, low weight and low aerodynamic drag. Landing gear consists of two main wheels with hydraulic disk brakes, and a maneuverable nose wheel, for easy handling on the ground. Brakes are operable from the left seat; each wheel can be separately braked.

The comfortable, side by side, enclosed composite cabin comes with a large, clear or tinted forward-hinged canopy, providing exceptional visibility, and canopy vents for cooling and cockpit heater for comfortable winter flying. The cockpit is equipped with full dual controls, consisting of two control sticks, rudder pedals with brakes (left side only), trim tab lever, throttle and landing flap levers.

Wings are cantilever all composite construction, with one main and one rear auxiliary spar, which holds ailerons and split landing flaps. The main spars of both wings are joined by two bolts, and real auxiliary spars are connecte dto the fuselage by two screws, all fitted in bearings.

LSA America, Inc.

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Mystique®

SPORT AIRCRAFT



Introducing the *Mystique*

SLSA ... *Ready To Fly!*

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U. S. DEALERS WANTED

History And Availability Of The Mystique

Interplane Aircraft first exhibited the Mystique at Sun 'N Fun 2001, with a Rotax 912S (upgrade from the standard Jabiru 2200A 85 hp engine) at Sun 'N Fun 2001. Prior to July, 2006, the Mystique had been sold only as a kit, with almost 100 aircraft flying in the United States.

Today, the Mystique is fully test flown, certified SLSA N numbered, airworthied and is available through LSA America, Inc. in Sanford, North Carolina as a Ready-To-Fly, factory built aircraft. Lead time on a factory built SLSA is now available on a 12-16 week schedule, FOB Sanford, North Carolina.

Technical Specifications

DIMENSIONS

Wing Span	25 FT. 7 in.
Length Overall	20 ft. 6 in.
Height Overall	7 ft. 1 in.
Wing Area	108 sq. ft.
Cabin Width	42 in.

WEIGHTS & LOADINGS

Empty Weight (avg.)	570 lbs.
Max TO Weight	MTOW 1320 lbs.
Useful Load	750 lbs.
Fuel Capacity	18 Gal.

FM 250 Performance

		<u>ROTAX</u>	
<u>Engine</u>		912	912S
<u>Horsepower</u>		80	100
<u>Never Exceed Speed Vne</u>	MPH	170	170
<u>Max Level Speed Vh</u>	MPH	138	138
<u>Cruise</u>	MPH	115	122
<u>Stall Vsi</u>	MPH	45	45
<u>Stall (Full Flaps) Vso</u>	MPH	40	40
<u>Rate Of Climb</u>	FPM	1400	1600
<u>Take Off - Grass</u>	Feet	660	600
<u>Take Off - Hard Surface</u>	Feet	600	560
<u>Landing - Grass</u>	Feet	600	600
<u>Landing - Hard Surface</u>	Feet	700	700
<u>Fuel Burn</u>	Gal./Hr.	3.4	3.9
<u>Range</u>	Miles	500	500
<u>Ceiling</u>	Feet	13200	13200
<u>Glide Ratio</u>		15 to 1	



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