



Lightning LS-1 Light Sport Aircraft

Performance		Specifications		
Maximum Speed	140 knots	Wing Span	30' 6"	<p>Tested to an Ultimate Load of 9Gs</p> <p>High Performance per HP</p> <p>Excellent Flying Qualities</p>
Cruise Speed	120 knots	Length	20' 8"	
Vne	180 knots	Height	6' 6"	
Stall (Full Flap)	38 knots	Cockpit	41" at shoulders	
Stall Clean	44 knots @1320lbs	Width	42" at elbows	
Glide Ratio	17:1	Wing Area	102 sq ft	
Take Off Roll	400ft	Empty Wt	800 lbs	
Landing Roll	500 ft (with brakes)	Gross Wt	1320 lbs	
Climb Rate	1200 ft / min	Fuel Capacity	22 gallons / 30 optional	
Roll Rate	100 degrees/second	Brakes	Independent Hydraulic	
Maneuvering Speed	87 knots	Pedals	Adjustable even in flight	
Endurance	4 hr	Construction	Vacuum infused oven post cured fiberglass	
Range w/ reserve	600 sm	Flaps	Electric Std	
Engine	Jabiru 3300	Trim	Electric Std	
HP	120	Max Loading	+4 G, -2.0 G	
Fuel Burn	5.5 GPH	Canopy	Forward Hinged Tinted	

Designed and built with Pride in the USA

Arion Aircraft LLC. 2842 Hwy 231 N. Shelbyville TN 37160. 931-680-1781. www.flylightning.net



Prices & Options

<p>Lightning LS-1 Base Price</p> <p>Includes ASI, ALT, VSI, Pictorial Pilot Turn & Bank, Pedestal Compass, Garmin SL-40 Comm, EIS 6000J Engine Monitor, PM1000II Intercom, Aux Power plug, Kannad 406 MHz ELT, Electric Flaps, Electric Trim, Cabin Heat, Cloth or Vinyl Interior, Adjustable Pedals, Carpeted Baggage Area.</p>	\$93,900.00
<p>Panel 1 Includes:</p> <p>ASI, GRT Sport EFIS, Garmin SL-40 Comm, Garmin GTX 327 TXP, PM1000II Intercom, EIS 6000J Engine Monitor, Aux Power plug. Deletes ALT, VSI, Turn & Bank from std panel</p>	\$8,695.00
<p>Panel 2 Includes:</p> <p>ASI, GRT Dual Screen Sport EFIS, Garmin SL-40 Comm, Garmin GTX 327 TXP, PM1000II Intercom, EIS 6000J Engine Monitor, Aux Power plug. Deletes ALT, VSI, Turn & Bank from std panel</p>	\$12,195.00
<p>Panel 3 Includes:</p> <p>ASI, GRT Dual Screen Sport EFIS, Garmin SL-30 Nav/Comm, Garmin GTX 330 Mode S TXP, XM Satellite Weather, PM1000II Intercom, EIS 6000J Engine Monitor, Aux Power plug. Deletes ALT, VSI, Turn & Bank from std panel</p>	\$18,195.00
Wingtip LED Position & Strobes	\$800.00
Landing Light	\$800.00
Dual Brakes	\$320.00
Cabin Heat	Std
Spun Aluminum Spinner	Std
Long Range 30 gallon Fuel tanks	\$950.00
Paint 2	\$2,200.00
Sensenich Carbon Fiber Prop	\$1,150.00
Digiflight IIG Autopilot	\$5,500.00
Canopy Cover	\$350.00
Interior Package Vinyl	Std
Interior Package Leather	\$1,150.00
Canopy Window	\$395.00
Boarding Step	\$375.00 each