



*Sling* LSA

# NEXT GENERATION TRAINER

At the typical 'Joe's Flight School' seen at airports, the average flight training aircraft often does not look so much different than the one your father might have flown, or your grandfather, for that matter. Battle-weary, dated, poorly equipped, and out of touch with the times, the average flight school's typical legacy aircraft is a less than perfect option for a flight student looking to ready themselves for tomorrow's aviation job.

Sling has an alternative to yesteryear's battered trainers with the Sling LSA – a sporty, modern, FADEC-equipped, training aircraft with a premium Garmin avionics suite. The Sling LSA has logged hundreds of thousands of hours in flight schools both locally and internationally over the past 14 years, with some individually now exceeding 9,000 hours of student abuse.

The Sling LSA is an evolution of the brand, specifically designed to satisfy the demands of modern-day flight school operations. Built entirely with a robust all-metal construction, the aircraft is well suited to the rigours of the flight school environment. The low wing layout provides for predictable handling while still being a 'stick and rudder' aircraft.

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## SLEEK DESIGN

The Sling LSA's sublime and beautifully appointed interior provides executive two seat comfort. In order to handle the harsh treatment of the flight training environment, the Sling LSA interior is fitted with hardwearing materials and comes standard with authentic leather seat covers.

With its lavish carpeting, the Sling LSA certainly shows an elegance that adds a touch of class to aircraft interiors. In addition, the canopy interior has a foldable heatshield for occupant protection and comfort on hotter days.





# UNRIVALLED AVIONICS

The Sling LSA has a premium Garmin avionics suite. This includes the G3X full primary flight display with optional second MFD, G5 back up flight display, GTX45R ADS-B in and out transponder, paired with a GTN 650 Xi GPS / NAV / COMM / MFD navigator, and Autopilot with GMC507 control panel completing the line-up. This set-up is so advanced that the FAA has deemed the Sling LSA as a Technically Advanced Airplane (TAA). The FAA recently changed the Commercial Pilot requirement for 10 hours of 'complex' time to include training in a TAA. They understand that managing systems, whether it be a landing gear control or a complex avionics system with an autopilot, teaches a pilot to cope with complexity that can be transferred to other complex airplane systems. Therefore, a student can now receive all training from the beginning through PPL and take the Commercial Pilot check ride in the Sling LSA since it is a TAA.

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## POWERPLANT & PERFORMANCE

The Sling LSA is powered by the 100 hp fuel injected Rotax 912iS. This engine is the ideal power plant due to its reliability and great fuel efficiency. A fuel burn of between 3-4 gallons per hour offers up to 10-hours endurance, which is ideal in a training school environment.

The 2,000-hour TBO provides for extended maintenance intervals, and the 100-hour MPI takes no longer than a day to perform, providing for minimum aircraft down time. All this contributes to the highly important low operating costs imperative for high-hour flight school operations.

The Sling LSA comes equipped with the 3-blade DUC FLASH propellers, delivering excellent climb performance and smooth, efficient operation. The lightweight composite construction reduces vibration and enhances comfort in flight, while the ground-adjustable pitch allows easy optimization for different mission profiles—ultimately improving overall reliability, speed, and versatility.

# LSA



# SPECIFICATIONS



MAX PERSONS

2 PERSONS



CRUISE SPEED

120 KTAS | 138 MPH



MAX RANGE

850 NM | 1,574 KM



CLIMB RATE

700 FPM



FUEL BURN

3.7 GPH | 15 L/HR

## DIMENSIONS

WINGSPAN

30 ft | 9.165 m

LENGTH

21.9 ft | 6.675 m

HEIGHT

8 ft | 2.45 m

CABIN WIDTH

46.5 in | 1.18 m

## WEIGHTS

STANDARD EMPTY WEIGHT

380 kg | 838 lbs

MAXIMUM USEFUL LOAD

220 kg | 485 lbs

MAXIMUM TAKEOFF WEIGHT

600 kg | 1,323 lbs

The Sling LSA is approved for training in pilot academies across the US (FAA approved), Australia (CASA approved), and South Africa (SACAA approved).

#### **USA (FAA Approved)**

##### **Sling Pilot Academy**

*Four Flight Schools across California*

##### **Glass Cockpit Aviation**

*Idaho*

##### **Dynasty Aviation**

*Florida*

#### **Australia (CASA Approved)**

##### **Learn To Fly**

*Melbourne*

##### **Sydney Flying Academy**

*Sydney*

##### **RVAC Aviation Academy**

*Melbourne*

##### **Gold Coast Sports Flying Training**

*Queensland*

#### **South Africa (SACAA Approved)**

##### **Johannesburg Flying Academy**

*Johannesburg South*

##### **Eagle Flight Academy**

*Two flight schools in Northern Cape and in Bloemfontein*

##### **Madiba Bay School of Flight**

*Gqeberha*

##### **Morningstar Flight Academy**

*Cape Town*

## TESTIMONIALS



#### **Learn To Fly, Melbourne, Australia**

*"The Sling LSA is an excellent training aircraft... amazing handling."*



#### **RVAC Aviation Academy, Melbourne, Australia**

*"Light, nimble, and the go-to for training."*



#### **Sling Pilot Academy, California, USA**

*"The Sling is incredibly strong and durable... stands up to the rigors of flight training."*





## GLOBAL SUPPORT

When you purchase your Sling aircraft, you join our family. That's why we pledge to offer a relationship that extends far beyond the delivery of your new aircraft, with a superior ownership experience. Although your Sling aircraft is beautifully constructed, regular aircraft maintenance and servicing are vital. Our customer support, back-up warranties, and maintenance and servicing at our AMO will ensure your Sling aircraft is able to take you on all the adventures you have planned for the years ahead. In addition, our team in Johannesburg, South Africa, works hand-in-hand with our global distributor and dealer network to ensure your delivery and support are second to none.

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