



Sling LSA

NEXT GENERATION TRAINER

So, what you may ask, is the ideal training aircraft? One that can satisfy the demands of a modern-day high-flight-time fixed-wing flight school operation? Well, that depends on what you are looking for. In days gone by, the Cessna 172 and Piper Cherokee were the go-to training aircraft. However, the goalposts have moved considerably, to the point where the typical legacy aircraft can no longer fulfil the role that flight training in this modern era demands.

Enter the Sling LSA. Based on the tried and tested Sling 2 – an aircraft which has been plying its trade in flight schools both locally and internationally for the past 12 years. Collectively, these aircraft have logged hundreds of thousands of hours in this environment, with some now exceeding 7,500 hours of training 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 rigors of the flight school environment. The low wing layout provides for predictable handling while still being a 'stick and rudder' aircraft. Characteristically stable and well-harmonized, but still requires positive aircraft control to be flown well. The Sling LSA demands more finesse and 'stick and rudder' skill than the Cessna 172, which results in better trained students.







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. Available in four color palettes: Cast Iron, Red Velvet, Indigo Sky and Cloud Burst with stitching, piping, and panelling in complementary colors.



Cast
Iron



Red
Velvet



Indigo
Sky



Cloud
Burst



UNRIVALLED AVIONICS

The Sling LSA has a premium all 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.





POWERPLANT & PERFORMANCE

The Sling LSA is powered by the 100 hp fuel injected Rotax 912 iS. 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.

Furthermore, the single power lever, without a mixture control, provides for a lower pilot workload and combined with the Whirlwind ground adjustable propeller, it is less complex and has lower maintenance costs.

LSA



SPECIFICATIONS



MAX PERSONS

2 PERSONS



CRUISE SPEED

120 KTAS | 138 MPH



MAX RANGE

850 NM | 1,600 KM



CLIMB RATE

700 FPM



FUEL BURN

3.7 GPH | 14 L/HR

DIMENSIONS

WINGSPAN

30 ft | 9.165 m

LENGTH

21.9 ft | 6.675 m

HEIGHT

8 ft | 2.45 m

CABIN WIDTH

43.8 in | 1.11 m

WEIGHTS

STANDARD EMPTY WEIGHT

390 kg | 860 lbs

MAXIMUM USEFUL LOAD

310 kg | 683 lbs

MAXIMUM TAKEOFF WEIGHT

600 kg | 1,323 lbs



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 of your Sling Aircraft is vital. Our customer support, backup warranties, maintenance and servicing of your aircraft 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 is second to none.

www.slingaircraft.com