

# CHALLENGER LIGHT SPORT

## X SERIES

### MODEL XS-65



**The new Challenger Light Sport XS-65 is a clip wing derivative of the best-selling XL-65 with all the same features including the 582 Power Pack but with a clip wing four feet shorter - 26 ft versus 29.5 ft.**

**The XS-65 is optimized for people who want high power and low drag to give the maximum possible speed. With its fast cruise, long range wing tanks and a baggage compartment in the fuselage the XS-65 makes a great cross-country machine. Excellent fuel economy and very low maintenance costs mean owners will not think about their wallets before going flying.**

**The Vne of the XS-65 is raised to 120 mph allowing for cruise speeds in excess of 100 mph. The XS-65 has the same 1060 lb gross weight as the XL-65 for an impressive payload of nearly 600 lbs. This is actually higher than most two seat aircraft with much larger, more expensive engines.**

**The clip wing XS-65 has fighter-like performance and maneuverability. Controls are light and harmonized for superb handling. The XS-65 retains the docile nature, low stall speed and amazing crosswind capability of previous generations of Challengers. The combination of outstanding STOL performance plus heavy duty landing gear and hydraulic disc brakes allow the XS-65 to operate from short, unimproved strips.**

**The XS-65 has the signature new Light Sport X Series tail and wing plus the easy entry cockpit, ergonomic prefab instrument panel and all the other great new Light Sport X Series features.**

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The complete XS-65 package includes everything necessary to go flying except paint and pilot. It is usually configured on wheels initially. Tundra tires, skis or wheel/skis may be installed at any time.

The XS-65 airframe package includes instruments and all other standard and optional features as described in the detailed documentation. The 582 power package includes engine, mounts, redrive, prop and everything else needed to get the air moving backward and the plane moving forward. To spread out cash flow the airframe package may be further split into tail, wings and fuselage sub-kits.

The Challenger Light Sport XS-65 comes at no extra cost as a quick-build kit which is easy and fun to assemble. As with all Challengers the kits include factory-built tail, wings and fuselage with controls pre-installed. New for the Light Sports is a pre-cut anodized instrument panel as well as wiring harnesses for panel and engine. No special tools or skills are required. Realistic assembly times are in the neighborhood of 300 hours. A vastly better new manual has clear drawings, color pictures and punchy text.

Support is readily available via phone and email through an extensive network of Challenger techs. For owners who assemble their kits at odd hours there is 7x24 support via web sites and online forums.

Challenger Light Sports can be registered in the Amateur-Built category in the United States and Canada or in the Advanced Ultralight category in Canada. The Light Sport kits have a number of new features to facilitate the Amateur-Built route, for example control stops and a pilot accessible fuel shutoff.

In addition to the satisfaction of assembling your own airplane and knowing it inside and out, a huge advantage to registering as Amateur-Built or Advanced Ultralight is that you can do all maintenance and inspections yourself, or together with anyone you choose. Builder assistance services are also available.

Challengers may be flown with any fixed wing pilot certification - Recreational, Private, Commercial, etc. Challengers in Canada may also be flown with the economical Ultralight Pilot Permit and the simpler category 4 medical. Challengers in the United States registered as Amateur-Built may also be operated as LSA's and flown with the economical Sport Pilot Permit which only requires a driver's licence medical.

The Challenger line of aircraft provides choices with a range of performance, features and prices wide enough to suit just about every need and just about every budget. The new Light Sport models deliver wide ranging major improvements at the top end without diminishing the docile nature at low speeds.

The versatility to go high and fast or to go low and slow, the capability to operate from short unimproved strips, the ability to fly with the doors off like a roadster with the top down, and the unmatched visibility from both seats all put the fun back into flying. Challenger Light Sports are the ultimate Challengers!

In today's challenging economy the financial aspects of aircraft ownership are more critical than ever. The new Challenger Light Sports are less than a quarter of the cost of typical LSA and AULA aircraft. The low acquisition cost and very low operating and maintenance costs mean owners can afford to fly as often as they wish. Challenger owners never pause to think how much it will cost to go for a flight.

National Ultralight Inc. founded in 1983 is the world's leading distributor of Challenger aircraft. For more information visit [www.challenger.ca](http://www.challenger.ca). Contact us at 705-721-9811 or [challenger@challenger.ca](mailto:challenger@challenger.ca).