

Jabiru J170-D Amateur-Built Kitplane

The Jabiru J170-D aircraft has been developed as a trainer aircraft that is bigger all round. It has a wider cockpit, higher cabin and more leg room. The same wings as the J230-D and winglets give it more stability and a lower stall speed, as well as a shorter take off and landing. It has been designed to meet the US Sport Plane category and the Transport Canada Advanced Ultralight Standards. Other versions of the J170 are also available in several countries in Europe. In the US, they are available as factory built aircraft.

Jabiru Aircraft Pty, Ltd. has been in the business of producing Light Sport aircraft since 1991. The fleet of Jabiru LSA around the world in flight schools and flight clubs has accumulated over a million flight hours. Jabiru LSA aircraft have the reputation of being docile and predictable-an easy airplane in which to instruct or fly. At the same time, Jabirus are plenty tough to take on the rigors of touch-and-goes and day-in and day-out flight training. The J170 is especially rugged. It has the same landing gear and wing as used on Jabiru's 4 place aircraft at a much higher gross weight.

The airplane accomplishes its mission efficiently as a result of the design goals of Jabiru Aircraft, Pty., Ltd.

- Simplicity – All systems are kept simple in design and uncomplicated in manufacture.
- Reliability – Components are chosen for their demonstrated reliability, then thoroughly aircraft tested.
- Availability – The technology used in Jabiru aircraft and engines is well-known and available worldwide.
- Efficiency – meaning great performance for the money – allowing flight schools more opportunity for profit and allowing lower-cost training for students.

Maintenance is always an important part of any flying operation. Jabiru aircraft are simple and inexpensive to maintain. The use of some common maintenance items sourced from the automotive industry helps keep costs to a minimum. Spark plugs, oil filters, distributor caps, and rotors are all readily available at auto parts stores at auto parts prices. Oil changes require only 2.5 quarts of Phillips XC 20/50. Additionally, proprietary Jabiru parts are inexpensive when compared to most other production aircraft.

The design is Australian- certified and both the design and manufacturing are in full compliance with the FAA-approved ASTM consensus standards for design, manufacture, quality assurance, and continuing airworthiness. It has been designed to meet the US Sports Plane category and the Transport Canada Advanced Ultralight Standards.