

S-LSA

J170-D



**Aussie Efficiency...
World-Class Versatility.**



Whether you're looking for the perfect flight school aircraft or a fun personal flyer on a budget, you've found it in the J170-D.

The J170-D is the latest version of Australia's most popular Light-Sport training aircraft. More ubiquitous than the Cessna 152 at Australian and South African flight schools, the economical J170 features excellent stability and durability. Pilots of all skill levels enjoy its fun, relaxed handling. Its safety record speaks for itself— Since 2003, the Jabiru family of aircraft has proven itself to be 12 times safer than all other types of recreational aircraft combined in Australia in terms of fleet fatality rates (*Sport Pilot*, March 2016).

Chris Cooper, chief flight instructor of Hummingbird Aviation, a full-service flight school outside of Minneapolis, Minnesota, said "We are very, very happy with the J170 as a trainer and are looking into adding a third aircraft the future." Hummingbird has operated a J170-SP for several years, accumulating over 2,000 hours on its first aircraft, and recently acquired a second J170-SP to expand the business.

The new J170-D offers several enhancements to the J170-SP originally offered in the USA, including a longer fuselage for more stability, an airfoil-shaped vertical stabilizer for improved turn coordination, and the latest version of the Jabiru 2200 engine with all the newest enhancements.



Expert Local Support and Maintenance- Here at US Sport Planes, located in North Texas, we not only sell Jabiru aircraft— we've been building, flying, and maintaining them for years. Other LSA suitable for training are often double the price, and spare parts can be difficult to obtain. In contrast, all parts for the J170-D engine and airframe are readily available from Jabiru North America. The long-term relationship we've built with Jabiru allows us to offer outstanding support to our LSA owners in cases where parts, repairs or alterations are necessary. Each new aircraft comes with a 1-year, 200 hour warranty and up to 5 hours of pilot transition training. We also offer periodic Jabiru engine maintenance and operation seminars in Tennessee and around the country for interested owners.



The Latest Technology- The J170-D can be equipped with the most advanced avionics offered for light-sport aircraft. The standard-equipment Garmin G3X touch-screen flight display has intuitive controls and features synthetic vision 3D terrain, GPS moving map with the capability to display geo-referenced charts, AOPA airport directory, and a 2020-compliant ADS-B package with weather and traffic display. Full electronic engine monitoring, including 4-cylinder CHT, EGT, and fuel flow, is also standard.

Excellent Handling and Performance- The generous control surface area combined with ergonomic controls make the Jabiru a delight to fly, even on windy, bumpy days that will keep the pilots of other LSAs at home. Inherent stall/spin resistance enhances safety. The 85-horsepower, direct-drive, 4-cylinder Jabiru 2200 offers simpler and smoother operation than the competition and features the latest Jabiru safety enhancements, including roller-bearing cam and lifters, valve-relief pocketed pistons, enlarged through-bolts, and reinforced flywheel attachment.

Unmatched Comfort—The J170-D is one of the most comfortable light aircraft available today, with a 45-inch cabin and plenty of leg room. The wide cabin door and control stick in the center console provides for easy entry and exit. The armrests ease fatigue and the seats are well-cushioned for long flights. The carpeted interior and plentiful fresh air and cabin heat provide a quiet, comfy environment even on hot or cold days. The area behind the seats is fully carpeted and can handle a fair amount of baggage for weekend trips. Adjustable rudder pedals are optional.



Rugged Strength—Fiberglass composites were chosen over metal or carbon fiber because of their simplicity, structural strength, and ease of repairs. The J170 utilizes the same wing and landing gear structure as its big brother, the four-place J430 series, which is certified to a max gross weight of 1540 lbs.

Fully Optimized for Flight Training—While other brands of LSA are often forced into the role of trainer despite feather-light structures and tricky handling characteristics, the Jabiru was designed from the beginning to be a stable, economical, and tough trainer for sport and recreational pilots. Here in the U.S., we've added touches that American pilots demand, including the latest technology in flight instrumentation and LED lighting for night operations. All flight controls are easily manipulated by either occupant. Options include a navigation radio for VOR/ILS training* and a second Garmin EFIS screen for the right side.

**All Special Light-Sport aircraft are VFR-only and prohibited from operations in IMC per ASTM/FAA certification.*

Jabiru J170-D Specifications

Wingspan.....	31.7 feet
Length.....	19.4 feet
Height.....	7.5 feet
Wing Loading @ 1320 lbs.....	12.8 lbs/sq ft
Cabin Width (elbow)	44.9 inches
Aircraft Empty Weight (typical).....	748 lbs
Maximum Gross Weight.....	1320 lbs
Load Factor.....	+4.0/-2.0 G (+7.0/ -3.5 G tested)
Engine.....	Jabiru 2200 4-cylinder, direct-drive
Engine Horsepower.....	85 @ 3300 rpm
Climb Rate @ 1320 lbs (avg).....	500 fpm
Cruise Speed (75% power).....	100 KTAS
V _{NE} (never exceed).....	140 KIAS
V _A (maneuvering speed).....	90 KIAS
Stall Speed, Full Flaps.....	40 KCAS
Stall Speed, Flaps Up.....	45 KCAS
Glide Ratio (engine idle).....	10:1
Service Ceiling.....	15,000 ft
Max Crosswind Component.....	14 kts
Avg. Fuel Consumption, Cruise.....	4.5 gph
Fuel Capacity/Type.....	35 gal/100LL
Airframe Construction.....	Fiberglass Composite



Schedule your demo flight today!

Complimentary demonstration flights are available for you and your spouse by appointment. We can also fly out to meet larger groups and flying clubs. Let us show you how truly versatile a Jabiru Light-Sport aircraft can be!



5007 Airport Rd
Denton, TX 76207

Phone: (940) 597-6860

Email: info@ussportplanes.com

On the Web: www.ussportplanes.com