JABIRU J400 Model Guide

JABIRU J400 is a 4-seat light aircraft designed by Jabiru Aircraft for the amateur-built market. It started the Jabiru J Series and has a 3-door fuselage. The supplied documents give no performance, weight or speed figures, so check the aircraft's own manuals.

KEY TAKEAWAYS

- The J400 started the J Series as a 4-seat amateur-built design; the J200 is its 2-seat spin-off.
- The J400 family has 3-door fuselages and is covered by a mandatory undercarriage bolt upgrade.
- Converting between 2 and 4 seats needs local airworthiness authority approval.
- No performance, weight or speed data appears in the supplied documents.

MAIN UNDERCARRIAGE BOLTS (JSB 008-1)

Failures of the main undercarriage leg attachment bolts were linked to rough grass strips, high airframe hours and regular operation near maximum take-off weight. The original 5/16" bolts must be replaced with 3/8" bolts at the next 100-hourly inspection, or within 10 hours if the aircraft often faces those conditions. 3/8" bolts are standard from J400 family serial 234-237, then 240 onward.

SEATING AND CONFIGURATION (JSB 028-1)

A 4-seat J Series has a rear seat pan, rear seat back, two rear seat belts, six rear belt hardpoints and rear headsets. A 2-seat aircraft may omit the rear seat back, pan and headsets, but the hardpoints stay because they anchor cargo tie-downs. The cargo shelf/forward bulkhead is primary structure and must not be removed or modified.

WHAT TO CHECK WHEN BUYING

Confirm the logbook shows JSB 008 was carried out and that 3/8" bolts are fitted. Check the leg clamp plate for bending. Ask how many hours the airframe has, how often it flew at maximum weight and whether it used rough grass strips. Verify the seat configuration matches its registration and approvals.

SAFETY NOTES

- Undercarriage bolt failures occurred on J400 family aircraft; the 3/8" bolt upgrade is mandatory for the family.
- Seat count changes may affect the category the aircraft can operate in; get authority approval first.
- Do not remove or modify the cargo shelf/forward bulkhead; it is primary structure.

AI-aggregated guide for the JABIRU J400 · sources: SERVICE BULLETIN: JSB 008-1 (#100861) · SERVICE BULLETIN: JSB 028-1 (#101099) · generated 2026-10-20 · Reference only, not for flight. Check the original documents before relying on this guide.