

LANCAIR Propjet Model Guide

The LANCAIR Propjet is listed by Lancair as a jet-category aircraft with a turboprop propulsion class. No seat count, production years, weights or performance figures are on file. The supplied documents are builder manual chapters for the Lancair Legacy aileron controls and the 320FB gear doors. Treat them as general build-quality context, not Propjet-specific data.

KEY TAKEAWAYS

- The LANCAIR Propjet has no published specs or performance data in the supplied inputs. Ask the seller for the actual aircraft documentation.
- The manuals describe a homebuilt, kit-style construction. Build quality and rigging matter, so check the builder's records.
- Gear up-stops and gear door rigging are called critical in the 320FB manual. Inspect them closely.
- The aileron trim tab must be safety wired before flight, according to the Legacy manual.

LANDING GEAR CHECKS

The 320FB manual says all three gear retract cylinders need an internal or external up stop. Without one, full hydraulic pressure pulls against the system constantly. It calls these stops critical to safe operation. Inspect the cylinder stops and check nut and rod-end engagement.

GEAR DOORS

The manual says mechanical inboard gear doors are notorious for needing constant adjustment. Cable stretch means periodic jacking and retraction checks. A hydraulic inboard door option is described. Outboard doors that are too tight can deform and fail at the attachment.

AILERON AND TRIM

The Legacy manual describes ailerons that are 100% mass balanced, with lead counterweights trimmed after paint. The trim tab hinge needs safety wire before flight. Check counterweight clearance, control tube rod-end engagement and trim servo neutral setting.

SAFETY NOTES

- Gear up limit stops are critical to safe operation; failure to set them properly would result in gear failure (320FB manual).
- An overtight outboard gear door can deform and fail at its attachment, possibly jamming the gear from extending down and locked.
- The aileron trim tab must be safety wired prior to flight.