

GROB G-109 B Model Guide

GROB G-109 B is a single-engine piston aircraft from Grob. It belongs to the G 109 family, which includes the G 109 and G109B. Registry figures for the whole family reach up to 2 passengers, 103 kt cruise, 970 nm range, 800 kg MTOW and 18000 ft ceiling. The sources give no figures specific to this variant, so the guide focuses on service history and what to check.

KEY TAKEAWAYS

- The BGA Compendium lists recurring in-service issues for the G-109 and G-109B. Check the records against each item before buying.
- A CAA flight manual change (04/99) reduced the quoted G109B performance. Use the current manual figures, not older brochures.
- BGA inspections of the air brake control rod and elevator control rod are listed. Ask for proof they were done.
- Grob's optional PowerFLARM provisions bulletin (OSB817-066) applies to all G 109B serial numbers. Check whether it was fitted.

SAFETY NOTES

- Check that the control rod inspections (air brake and elevator) and the 04/99 flight manual change are recorded in the logbook.
- Inspect the wing root attachment bolts for corrosion, and check the canopy jettison control for jamming.
- Confirm the engine oil sump plug and oil cooler unions are secure and wire-locked.

KNOWN PROBLEM AREAS (BGA ADVISORY REPORTS)

Reported on the G-109 family: corrosion of bolts in the wing root attachments, cracked or failed hot air shutter valves, a cracked and failed rudder bell crank, and cracked wheel brake pulleys. Also reported: tail wheel springs damaging the rudder push-rod, pitch change bolt failure, and a canopy jettison control jammed by roof trim screws.

INSPECTIONS AND ENGINE ITEMS

The BGA lists a G109B flight manual change (CAA ref 1236/41491, 04/99) that reduced the quoted performance. It also lists inspections of the air brake control rod (10/01) and the elevator control rod (06/03). For the G109B engine, an advisory says to check the oil sump plug and oil cooler unions for looseness and wire-lock them (06/03).

POWERFLARM PROVISIONS (OSB817-066)

Grob service bulletin OSB817-066 (03 April 2014) is optional and applies to all G 109B serial numbers, at the holder's discretion. It covers only the installation provisions. It does not approve the PowerFLARM unit itself, which needs separate installation approval from TRIEB GmbH. Work must be certified in the logbook by authorised staff.