

GROB G-115 Model Guide

GROB G-115 is a single-engine piston aircraft family from Grob, built in the variants G115, G115A, G115B, G115C, G115C2, G115D, G115D2 and G115EG. Family-level registry data shows up to 2 passengers, up to 124 kt cruise, up to 540 nm range and a 16000 ft ceiling. No variant-specific specs were supplied, so confirm figures against the flight manual of the exact aircraft.

KEY TAKEAWAYS

- Family-level maxima only: up to 124 kt cruise, 540 nm range, 900 kg MTOW and 16000 ft ceiling. Check your variant's flight manual.
- Grob's service bulletin list (status 16 October 2007) spans G 115 to G 115TA, with many landing gear, elevator and canopy items.
- Canopy jettison is tested every 200 hours. If it fails, aerobatic flight is prohibited until repaired (MSB1078-164).
- Check the flight manual and maintenance manual revision status against MSB1078-142/4 for the G115 and G115A.

SERVICE HISTORY TO CHECK

Review the logbook for these bulletins: SB 1078-12 (cracks on main landing gear axles), 1078-51 and 1078-61 (main undercarriage inspection and reinforcement), 1078-82 (fuel tank access panel leakage), MSB1078-126 (CO in cockpit) and MSB1078-120 (brake master cylinder). Check which ones apply to your variant.

DOCUMENTATION STATUS

MSB1078-142/4 (12 October 2016) lists the current manuals for the G115 and G115A: Flight Manual Issue 2, Revision 3 (29 April 1997) or Revision 2 (December 1995, without SB 1078-68), and Illustrated Parts Catalogue Issue 2, Revision 1. Verify the aircraft's manuals match.

TAIL AND HINGE REPAIRS (G 115E/EG)

Repair Instruction RI-1078-95/1 (02 June 2021) covers repair of the elevator and horizontal stabiliser hinge bracket attachment points on the G 115E/EG. A contact-surface gap above 0.3 mm, or any laminate damage, means contacting Grob. Ask for evidence of any such inspection or repair.

PERFORMANCE

Family Max Cruise Speed Kt	124
Family Max Range Nm	540
Family Max Service Ceiling Ft	16000

SAFETY NOTES

- Canopy jettison: MSB1078-164 requires a jettison test. A failed test prohibits aerobatic flight until repair or canopy handle replacement.
- Check canopy handle wear and the jettison cable shroud where it enters the canopy structure (C1 ACRO, D, D2 and early E).
- Hinge bracket attachment on elevator and stabiliser (G 115E/EG): confirm the special inspection and any repair were done and logged.