GUIMBAL CABRI G2 Model Guide

The GUIMBAL CABRI G2 is a light piston helicopter built by Hélicoptères Guimbal in Aix-en-Provence, France. Registry data for the Cabri G2 family shows up to 2 passengers, up to 700 kg MTOW, up to 90 kt cruise, up to 500 nm range and up to 22000 ft service ceiling. Check a specific aircraft against its own flight manual and the open service bulletins.

KEY TAKEAWAYS

- Family-level maxima: up to 2 passengers, 700 kg MTOW, 90 kt cruise and 500 nm range. Confirm figures in the aircraft's own flight manual.
- Day VFR only, no aerobatics, no icing. Minimum crew is one pilot on the right seat. Maximum operating altitude is 13'000 ft PA.
- Swashplate crack inspection (SB 24-001 C, EASA AD 2024-0071) recurs at intervals not exceeding 60 flight hours or 14 months.
- The ELT antenna relocation (SB 25-006 B, EASA AD 2025-0282) applies to S/N 1003 to 1389 except 1383 and 1388.

LIMITS AND SPEEDS

VNE power on is 130 kts IAS and power off is 110 kts IAS. Each is reduced by 2 kts per 1'000 ft PA. Best range is 80 kts and maximum endurance is 50 kts IAS. Climb and autorotation speed is 50 kts. Unusable fuel is 1,5 litres. One or two doors may be off or open, with the same speed limits as doors closed.

INSPECTIONS AND PARTS

The maintenance manual lists a first 25-hour inspection, a 50-hour inspection, a 100-hour / 12-month inspection and a 500-hour / 60-month inspection. It also lists calendar-only, special and emergency flotation system inspections. It has airworthiness limitations, manufacturer time limits and overhaul requirements, so ask for the time-in-service records. Only parts marked 'Available' in the parts catalog can be supplied by Guimbal.

SERVICE BULLETINS TO VERIFY

SB 24-001 C covers swashplate P/N G41-00-000 (all S/N). Cracks were reported, likely from ageing and corrosion. Swashplate S/N 801 to 1077 had a first inspection within 30 flight hours or 4 months. S/N 1078 onward had 60 hours or 6 months. SB 25-006 B relocates the ELT antenna after weak ELT signals. Its deadline is June 19th, 2026. Ask for proof of compliance for both.

V-SPEEDS

Vne Power On Kts	130
Vne Power Off Kts	110
Best Range Kts	80
Max Endurance Kts	50
Climb Kts	50
Autorotation Kts	50

SAFETY NOTES

- If a swashplate crack is found, replace the swashplate before further flight and contact Guimbal support (SB 24-001 C).
- Voluntary in-flight shutdown is prohibited. On engine failure, enter autorotation immediately and maintain 50 kts.
- Do not rely on fuel quantity when the LOW FUEL caution light or EPM warning is active: land as soon as possible.

AI-aggregated guide for the GUIMBAL CABRI G2 · sources: J40-001 Issue 05 - Cabri G2 Flight Manual (#100449) · Cabri G2 HB-ZTY (#101531) · Cabri G2 Maintenance Manual (#100870) · SERVICE BULLETIN SB 24-001 C (#101706) · SERVICE BULLETIN SB 25-006 B (#101982) · Illustrated Parts Catalog Helicopteres Guimbal (#102012) · generated 2026-10-21 · Reference only, not for flight. Check the original documents before relying on this guide.