GIPPSAERO GA8 AIRVAN Model Guide

The GIPPSAERO GA8 AIRVAN is a single-engine piston aircraft from GippsAero with a strut-braced wing. The GA8 family (GA8 and GA8-TC320) is listed at up to 8 passengers, up to 1900 kg MTOW and up to 650 nm range. The documents focus on operating notes and mandatory service bulletins.

KEY TAKEAWAYS

- Family-level figures: up to 8 passengers, 650 nm range, 120 kt cruise, 20000 ft ceiling (GA8 and GA8-TC320).
- One operator reports about 120 kt TAS at about 16 gal/hr cruise, with 87.7 gal useable fuel.
- Mandatory SB-GA8-2017-174 covers wing struts and strut fittings. Check part serial numbers against the logbook.
- Turbocharged GA8-TC 320 aircraft also have SB-GA8-2014-115 on engine isolator mounts.

WING STRUT SERVICE BULLETIN (CHECK FIRST)

SB-GA8-2017-174 Issue 2 (23-May-2018) says certain struts and strut fittings cannot be assured to meet material specification. Certified strength is unaffected, but fatigue life may be reduced. It requires general visual inspections at intervals not exceeding 110 hours and on-wing detailed inspections at 1000 hours. Replacement is due at 9,000 part hours or 5 calendar years for struts, and 6,000 part hours or 3 calendar years for fittings, whichever comes first.

ENGINE MOUNT BULLETIN (GA8-TC 320)

SB-GA8-2014-115 applies to GA8-TC 320 aircraft up to serial GA8-TC 320-14-205. It calls for a steel washer at each of four engine isolator mounts and a check of mount orientation. It was due within 300 hours or 12 months of 06.10.2014. Allow about 5 man hours. Confirm the logbook shows it was done. A related bulletin, SB-GA8-2014-114, covers naturally aspirated aircraft.

OPERATING QUIRKS REPORTED BY ONE OPERATOR

The operator notes hot-start fuel vaporization problems and a rear door slider that wears; an AD requires rail inspection every 100 hrs. Pulling the fuel shutoff valve in flight for as little as 30 seconds can damage the engine-driven fuel pump. Park with the mixture at idle-cutoff or fuel drains on the ground. Full 2700 RPM exceeds some noise limits.

SPECIFICATIONS

Useable Fuel Gal	87.7

PERFORMANCE

Cruise Speed Kt	120
Cruise Fuel Flow Gph	16
Power75 Fuel Flow Gph	16.7
Climb Fuel Flow Gph	18.6
Takeoff Fuel Flow Gph	22
Family Max Range Nm	650
Family Max Service Ceiling Ft	20000

V-SPEEDS

Vx Kts	71
Vy Kts	78
Va Kts	121
Vglide Min Kts	68
Vglide Max Kts	78
Vapp Full Flaps Kts	71

SAFETY NOTES

- The airframe is long and large enough to be loaded outside the CG limit even though the CG range is large. Check loading carefully.
- Make sure the seat belt tail is not caught in the door, or the door can come open in flight.
- Full throttle and full RPM is limited to 2 minutes. 25 MP at 2500 RPM is maximum continuous.

AI-aggregated guide for the GIPPSAERO GA8 AIRVAN · sources: GA8 for Dummies (#100714) · SB-GA8-2017-174 (#101387) · Service Bulletin SB-GA8-2014-115 (#101682) · generated 2026-10-20 · Reference only, not for flight. Check the original documents before relying on this guide.