Gulfstream Aerospace G300 Model Guide

The Gulfstream Aerospace G300 is a jet in the GIV series. The documents here show it shares an airframe type certificate (A12EA) with the G400, and its flight manual is a separate G300 Airplane Flight Manual dated 15 January 2003. Specific G300 performance figures are not in the provided inputs.

KEY TAKEAWAYS

- The Gulfstream Aerospace G300 is listed with the G-IV Series (G300, G400) under type certificate A12EA.
- A 2016 FAA-approved flight manual supplement restricts APU use on affected GIV, G300 and G400 aircraft.
- Family-level registry data is for the whole 1159 family; do not treat it as G300 figures.
- No G300 specs, weights or V-speeds were supplied, so confirm them in the current flight manual.

FAMILY CONTEXT (NOT G300-SPECIFIC)

The registry covers the whole Gulfstream 1159 family: G-1159, G-1159A, G-1159B, G-IV, GIV-X, GV and GV-SP. Across those variants, the family reaches up to 6500 nm range, 459 kt cruise speed, 51000 ft service ceiling and 26 passengers. These are family maxima, not G300 figures.

APU SEALANT SUPPLEMENT

Supplement GIV-2016-01 applies to GIV, G300 and G400 airplanes, serial number 1000 and subsequent, that had sealant compound improperly applied to the APU enclosure. It supplements the G300 Airplane Flight Manual dated 15 January 2003. The other sections (normal, abnormal, emergency, performance) are unchanged.

MAINTENANCE SUPPORT

One airframe repair station capabilities list (SWAT CL-1, revision R-36, 10/11/2024) rates the G-IV Series (G300, G400) under TCDS A12EA. Its listed work covers sheet metal and metal structure repair, plus integral fuel cell maintenance. Confirm that any shop you choose holds this rating.

PERFORMANCE

Family Max Range Nm	6500
Family Max Cruise Speed Kt	459
Family Max Service Ceiling Ft	51000

SAFETY NOTES

- Affected aircraft: unattended APU operation on the ground is prohibited.
- Affected aircraft: APU use in flight is prohibited except for dual or single engine failure, or dual or single alternator/converter failure.
- Affected aircraft: dispatch is not permitted with any engine alternator and/or converter inoperative.

AI-aggregated guide for the Gulfstream Aerospace G300 · sources: GIV I G300 I G400 AIRPLANE FLIGHT MANUAL SUPPLEMENT NO. GIV-2016-01 (#100040) · Capabilities List SWAT CL-1 (#101520) · generated 2026-10-21 · Reference only, not for flight. Check the original documents before relying on this guide.