Gulfstream Aerospace G150 Model Guide

The Gulfstream Aerospace G150 is a turbofan jet. The supplied documents give no performance, weight or seating figures. This guide therefore covers two maintenance items a buyer should check: the main entrance door microswitch bulletin and the structural Airworthiness Limitations Section.

KEY TAKEAWAYS

- Service Bulletin 150-52-188 (January 15, 2016) is mandatory for serial numbers 201 through 318. Confirm it was done.
- Structural inspections are counted in flights (cycles), not flight hours. Ask for the total flight cycles of the airframe.
- Most structural inspections start at 10000 flight cycles and repeat every 5000 flight cycles.
- The Airworthiness Limitations Section says the aircraft is not authorized to fly more than 20,000 flights.

MAIN ENTRANCE DOOR MICROSWITCH (SB 150-52-188)

On some aircraft the CABIN DOOR UNLOCK CAS message could go out before the handle latch pin was fully engaged. This followed an Astra aircraft door opening in flight. The bulletin adjusts the internal microswitch so the warning clears only when the pin is fully engaged. It applies to serial numbers 201 through 318. Estimated labor is 6 hours.

COMPLIANCE AND RECORDS

The bulletin was mandatory at the next suitable planned maintenance period within 24 months of January 15, 2016. Ask to see the compliance entry in the permanent maintenance records. Also check that compliance was reported to Gulfstream's maintenance program (CMP).

STRUCTURAL INSPECTION PROGRAM (ALS)

The Airworthiness Limitations Section covers the forward fuselage, carry-through structure, aft fuselage including engine supports, empennage, wing and landing gears. Inspections are visual, borescope, eddy current or ultrasonic. Early or late compliance is limited to +5% of the repeat interval. The section on file is dated September 15/25.

SAFETY NOTES

- Door warning: the CABIN DOOR UNLOCK message must clear only once the handle latch pin is fully engaged. Verify the bulletin was accomplished.
- Any cracks found in the structural inspections must be reported immediately to Israel Aircraft Industries (IAI) and Gulfstream Aerospace LP.
- A new or revised ALS item that becomes overdue may be done at the next inspection interval, not to exceed 500 hours.

AI-aggregated guide for the Gulfstream Aerospace G150 · sources: Service Bulletin No. 150-52-188 (#100084) · AIRWORTHINESS LIMITATIONS SECTION P/N G150-1001-3 (#100650) · generated 2026-10-21 · Reference only, not for flight. Check the original documents before relying on this guide.