

Gulfstream Aerospace G200 Model Guide

Gulfstream Aerospace G200 is a twin-turbofan business jet. The registry groups it in the Galaxy family (variants Galaxy and Gulfstream 200), and the maintenance manual says Gulfstream 200 is identical to Galaxy except for the name. Family-level maxima are up to 3690 nm range, 470 kt cruise and 45000 ft ceiling. These are not confirmed for this variant.

KEY TAKEAWAYS

- The structure is tracked in flights, not hours. The ALS says the aircraft is not authorized to fly more than 20,000 flights.
- The example aircraft in the reports have two Pratt & Whitney Canada PW306A engines and a Honeywell GTCP36-150(IAI) APU.
- Gulfstream 200 is a name change only from Galaxy, so Galaxy-era records and bulletins can apply to the same airframe.
- Ask for a current Maintenance Next Due Report. Many items recur every 500 hours or 12 months.

STRUCTURAL INSPECTION PROGRAM

The Airworthiness Limitations Section covers six areas: forward fuselage, carry-through structure, aft fuselage, empennage, wing and landing gear. Inspections are set in flights, with a +5% overfly tolerance. Fuel tank bulkhead items are typically 10000 flights initial and 5000 repeat. Revision 16 (04/30/2025) changed several wing items.

EXAMPLE AIRCRAFT IN THE RECORDS

N597RB (S/N 068, airworthiness date 01 Aug 2002) showed 6760.3 hours and 4454 cycles in July 2025. N404MC (S/N 184, airworthiness date 26 Dec 2007) showed 2519.9 hours and 1453 cycles in February 2025. Both are listed under Part 91.409(f)(3) with MSG-3 maintenance programs.

RECURRING ITEMS TO VERIFY

Check the emergency battery capacity test (300 hours or 6 months), the safety valve functional check (2500 hours) and the engine hot section inspection (3000 hours). Also check the 500-hour engine borescope items, the oxygen mask life limit (72 months), and the recurring FAA 2004-09-24 aileron feel unit lubrication (12 months).

PERFORMANCE

Family Max Range Nm	3690
Family Max Cruise Speed Kt	470
Family Max Service Ceiling Ft	45000

SAFETY NOTES

- Any crack found in an ALS inspection must be reported immediately to IAI and Gulfstream Aerospace LP.
- Report discrepancies to Gulfstream Maintainability Engineering within 24 hours, with digital photographs.
- Items overdue after an ALS revision may wait for the next interval, not to exceed 500 hours, unless stated otherwise.