THE FARTHEST FASTEST FLIGHT IN BUSINESS AVIATION HISTORY - GULFSTREAM G800

News / Business aviation, Manufacturer

Gulfstream Aerospace announced two major milestones: G800 achieved the Gulfstream fleet's 800th city pair speed record and then completed the farthest fastest flight in business aviation history. G800 secured the 800th city pair speed record earlier in June with a flight from Reykjavik, Iceland, to Savannah. The aircraft traveled 2,973 nautical miles/5,505 kilometers in 5 hours and 52 minutes at an average cruise speed of Mach 0.91. On June 28, the G800 completed a separate record-setting mission from Melbourne, Australia, to Moline, Illinois. The flight covered 8,303 nm/15,377 km in 16 hours and 56 minutes at an average cruise speed of Mach 0.85.

Mark Burns, president, Gulfstream commented: "With every new aircraft, Gulfstream continues to push the boundaries of performance for our customers. Reaching our 800th city pair speed record and completing the farthest fastest flight in our industry's history demonstrates the strength of our next-generation fleet and the advanced capabilities of the G800."

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Gulfstream aircraft have now achieved 815 speed records across the fleet, including 15 set by the G800 since entering service in August 2025. G800 is designed for long-range missions, offering a range of 8,200 nm/15,186 km at Mach 0.85 and 7,000 nm/12,964 km at its high-speed cruise of Mach 0.90. The aircraft can also fly 8,000 nm/14,816 km at Mach 0.87 and features a maximum operating speed of Mach 0.935, allowing operators to maximize mission flexibility while maintaining optimal fuel-efficiency and operational reliability.

G800 features a low cabin altitude of 2,840 feet/866 meters when flying at 41,000 ft/12,497 m, 100% fresh air replenished every two to three minutes, a plasma ionization air purification system and 16 Gulfstream Panoramic Oval Windows. The interior can be configured with up to four living areas or three living areas and a crew compartment, ideal for the ultralong flights the G800 can make.

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