

Gulfstream®

G500™

Class-Leading Speed

60+

World
Records

5,300 NM
(9,816 km) Maximum Range¹

UP TO 3

Living Areas

0.925

Maximum Mach

33%

MORE
Fuel-Efficient²

Performance and
efficiency powered
by next-generation
technology

CLEAN-SHEET DESIGN WITH ULTRAMODERN SUSTAINABILITY ADVANCEMENTS

GULFSTREAM'S
CLEAN WING

AERODYNAMIC
FUSELAGE

SWEPT
WINGLETS

HIGH-PERFORMANCE
PRATT & WHITNEY ENGINES

GULFSTREAM
SYMMETRY
FLIGHT DECK™

INDUSTRY FIRST
ACTIVE CONTROL
SIDESTICKS

INDUSTRY FIRST
10 TOUCH-SCREEN
DISPLAYS

FAA- AND EASA-
CERTIFIED
STEEP APPROACH

ENHANCED
VISION SYSTEMS

SVS
ON PRIMARY FLIGHT DISPLAY

EFVS
ON HEAD-UP DISPLAY

HIGH-SPEED
DATA CONCENTRATION
NETWORK



THE GULFSTREAM CABIN EXPERIENCE

ALWAYS
100%
FRESH AIR
Refreshed Every
2-3 Minutes

FEELS LIKE:
3,255
FEET
(992 Meters)

FLYING AT:
41,000
FEET
(12,497 Meters)

• BEST-IN-CLASS CABIN ALTITUDE •

TECHNICAL SPECIFICATIONS

G500™

PERFORMANCE

Maximum Range¹ 5,300 nm | 9,816 km

Long-Range Cruise Mach 0.85

High-Speed Cruise Range³ 4,500 nm | 8,334 km

High-Speed Cruise Mach 0.90

Maximum Operating Mach Number (Mmo) Mach 0.925

Takeoff Distance (SL, ISA, MTOW) 5,300 ft | 1,615 m

Initial Cruise Altitude 43,000 ft | 13,106 m

Maximum Cruise Altitude 51,000 ft | 15,545 m

MEASUREMENTS

Finished Cabin Height 6 ft 2 in | 1.88 m

Finished Cabin Width 7 ft 7 in | 2.31 m

Cabin Length (excluding baggage) 41 ft 6 in | 12.65 m

Total Interior Length 47 ft 7 in | 14.50 m

Cabin Volume 1,715 cu ft | 48.56 cu m

Baggage Compartment Volume 175 cu ft | 4.96 cu m

Exterior Height 25 ft 6 in | 7.77 m

Exterior Length 91 ft 2 in | 27.79 m

Overall Wingspan 86 ft 4 in | 26.31 m

WEIGHTS

Maximum Takeoff 79,600 lb | 36,106 kg

Maximum Landing 64,350 lb | 29,189 kg

Maximum Zero Fuel 52,100 lb | 23,632 kg

Basic Operating⁴ 46,850 lb | 21,251 kg
(including 3 crew)

Maximum Payload⁴ 5,250 lb | 2,381 kg

Maximum Payload/Full Fuel⁴ 2,900 lb | 1,315 kg

Maximum Fuel 30,250 lb | 13,721 kg

SYSTEMS

Avionics Gulfstream Symmetry Flight Deck™

Engines Two Pratt & Whitney PW814GA

Rated Takeoff Thrust (each) 15,144 lb | 67.36 kN

CABIN

Up to 3 Living Areas

Seats Up to 19

Sleeps Up to 8

Cabin Altitude 3,255 ft at 41,000 ft | 992 m at 12,497 m

Gulfstream Panoramic Oval Windows 14

Largest Windows in the Industry

Flexible Cabin Configurations

Forward or Aft Galley

Forward and Aft Vacuum Lavatories

¹NBAA IFR theoretical range at Mach 0.85 with 8 passengers, 3 crew and NBAA IFR reserves. ²Compared to the Gulfstream G450™ for a theoretical 3,000 nm/5,556 km stage length with 8 passengers at Mach 0.85. ³NBAA IFR theoretical range at Mach 0.90 with 8 passengers, 3 crew and NBAA IFR reserves. Actual fuel-efficiency and range at Mach 0.85 and Mach 0.90 will be affected by ATC routing, operating speed, weather, outfitting options and other factors. ⁴Stated weights are based on theoretical standard outfitting configurations. Actual weights will be affected by outfitting options and other factors.

Gulfstream™
A GENERAL DYNAMICS COMPANY