

## Gulfstream G650 Overview

The Gulfstream G650® ultra-large-cabin, ultra-high speed business jet is, quite simply, the gold standard in business aviation. The flagship of the Gulfstream fleet flies faster, farther, and more comfortably than any other business aircraft in its class.

Introduced in 2008, the G650 will carry eight passengers and a crew of four on nonstop legs of 7,000 nautical miles (12,964 km). That means it will link Dubai with New York and London with Buenos Aires. With its powerful Rolls-Royce BR725 engines, the G650 will cover shorter distances at a speed of Mach 0.925. No traditional business jet will take you closer to the speed of sound.

Exceptional power and ultra-long legs aside, the G650 will be remarkably versatile. It will deliver excellent takeoff and landing performance with a balanced field length of just 5,858 feet (1,786 m).

The G650 is the most technologically advanced business aircraft in the sky. The G650 comes standard with many advanced safety features such as Enhanced Vision System (EVS) II™, the Head-Up Display (HUD) II and the Synthetic Vision-Primary Flight Display (SV-PFD). Its Planeview II™ cockpit comes equipped with a Triplex Flight Management System, Automatic Emergency Descent Mode, 3-D weather radar, Advanced Flight Controls – in short, a full array of sophisticated, next-generation technology to improve pilot situational awareness and enhance safety.

Gulfstream engineers paid particular attention to the cabin environment. In fact, they designed it from the inside out. Longer, wider and taller than any other cabin in its class, the G650 living environment provides comfortable accommodations for up to 18 people.

If time is money, then the time saved jetting from continent to continent is money in the bank. Consider the value of the G650 not only in terms of time saved, but also in more tangible ways: In the excellent warranty Gulfstream offers on the primary aircraft and the secondary structure. In the worldwide product-support network that Gulfstream maintains on six continents. In the technological advancements that enable the flight crew to reach new levels of situational awareness and overall aircraft safety. And in the inherent value of the Gulfstream name itself.

## Photos of the Brand New Gulfstream G650



Gulfstream G650 exterior

The G650 offers the fastest and longest range of any business jet available today. At a long-range cruise speed of Mach 0.85, it will carry eight passengers and a crew of four on nonstop legs of 7,000 nautical miles (12,964 km).



Gulfstream G650 interior (1)

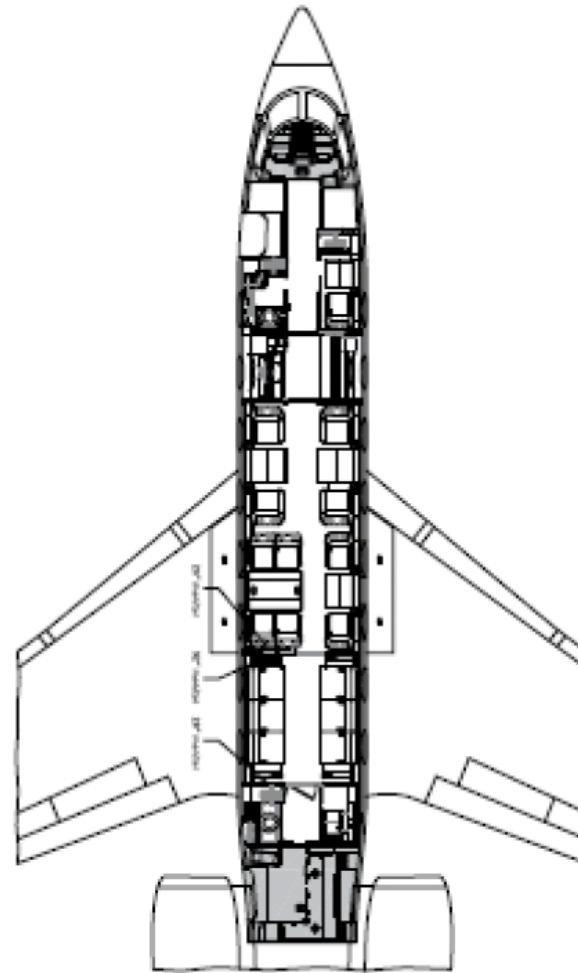


Gulfstream G650 interior (2)





Gulfstream G650 interior (3)



Gulfstream G650 interior (4) & Scaled Plan Diagram

## Specifications

### Performance

Long Range Cruise: Mach 0.85  
Mmo: Mach 0.925  
Normal Cruise: Mach 0.90  
Range at LRC: 7,000 nm / 12,964 km  
Range at Normal Cruise: 6,000 nm / 11,112 km  
Takeoff Distance (MTOW, SL, ISA): 5,858 ft / 1,786 m

### Weights

Basic Operating : 54,000 lbs / 24,494 kg  
Maximum Fuel: 44,200 lbs / 20,049 kg  
Maximum Landing: 83,500 lbs / 37,876 kg  
Maximum Payload: 6,500 lbs / 2,948 kg  
Maximum Payload/Full fuel: 1,800 lbs / 816 kg  
Maximum Ramp: 100,000 lbs / 45,360 kg  
Maximum Takeoff: 99,600 lbs / 45,179 kg  
Maximum Zero Fuel: 60,500 lbs / 27,443 kg

### Design Standards

Engine Type: BR725A1-12  
Thrust Rating: 16,900 lbs / 75.20 kN (each)  
Typical Passenger Payload: 8 passengers

### Interior

Total Interior Length: 53 ft 7 in / 16.33 m  
Cabin Length: 46 ft 10 in / 14.27 m  
Height: 6 ft 5 in / 1.95 m  
Width: 8 ft 6 in / 2.59 m  
Cabin Volume: 2,138 cu ft / 60.51 cu m  
Baggage Volume (Gross): 195 cu ft / 5.52 cu m

**Exterior**

Height: 25 ft, 8 in / 7.82 m

Length: 99 ft, 9 in / 30.40 m

Overall Span: 99 ft, 7 in / 30.35 m

Wingspan: 93 ft, 8 in / 28.55 m

Range with 8 passengers, 4 crew, NBAA IFR reserves. Actual range will be affected by ATC routing, operating speed, weather, outfitting options and other factors.