

2013 Gulfstream G650 ER For Sale

POA €

QUICK SPEC

Manufacturer	Gulfstream
Model	G 650 ER
Year	2013
Capacity	2 - 18 Passengers
Range	13,890 km (7,500 Nm) - 8,630 Mi
Max Cruise Speed	905 km/h (488 Kts) - 562 Mph
Max.Take-Off Weight	46,992 Kg (103,600 lbs)
Total Time	1420 Hours
Service Ceiling	15,545 M - 51,000 Ft

TECHNICAL SPECIFICATIONS

GENERAL CHARACTERISTICS

- Type of Aircraft - Ultra Long Range Jets
- Propulsion - 2 Turbofan Engines
- Length - 30,41 m - 99,77 feet
- Wing Span - 28,5 m - 93,6 feet
- Wing Area - 105,6 m² - 1,137 ft²
- Height - 7,82 m - 25,66 feet
- Max.Certified Takeoff Weight - 46,992 kg - 103,600 lbs
- Max.Certified Landing Weight - 37,875 kg - 83,500 lbs

INTERIOR CHARACTERISTICS

- Forward Lavatory
- Forward Left-Hand Cabinet
- Forward Right-Hand Closet/Storage Cabinet
- Crew Rest Compartment (Forward Rh), Including
 - One (1) Rco Engineering Inc. Manually Operated Single Seat
 - One (1) 17" Hd Lcd Monitor Is Flush Mounted In The Crew Rest
- Forward Cabin Bulkheads With Pocket Door
- Mid Cabin Bulkheads With Pocket Door
- Aft Cabin Bulkheads And Door
- Forward Galley/Galley Annex, Including:
 - Crystal Storage In Lighted Compartment
 - Stainless Steel Trimmed Appliance Stack Comprised Of:
 - Two (2) Manual Fill American Coffee/Tea Makers
 - Microwave Oven
 - Convection Oven With Overboard Vent
 - One (1) Ice Drawer Each Including:
 - Canned And Bottled Drink Storage
 - Refrigerator With Removable Shelves And Freezer Compartment
 - Granite Surface Countertop
 - Manually Operated Conference Table With Multiple Positions
 - Four (4) Electrically Operated Console Tables
 - Four (4) Rco Engineering Inc. Electrically Operated Single Seats (28" Wide) With:
 - Full Flat Berthing Capability (Floorplan Permitting) 12.1" Widescreen Hd Lcd Monitor In Inboard Armrest

EXTERIOR CHARACTERISTICS

Base Paint Color - Matterhorn White
Stripe Color - Gold
Program Coverage - Plane Parts
Maintenance Tracking - CMP
Certification - SN: 6043 I REG: N193LS

POWERPLANT

Engine Model - Rolls-Royce BR725 A1-12
Engine Power (Each) - 75,174 kN - 16,900 lbf
Serial Number Left Engine - 25191
Serial Number Right Engine - 25190
Total Hours Left Engine - 1420.9 Hours
Total Hours Right Engine - 1420.9 Hours
Total Cycles Left Engine - 628 Cycles
Total Cycles Right Engine - 628 Cycles
Program Coverage - Engines enrolled in Rolls Royce Corporate Care

AIRFRAME

Total Time airframe - 1420.9 Hours
Total landings - 628 Landings
Entry Into Service Date - 2013
Current Location - Ohio (USA)

APU

Description - Honeywell RE220 (G650)
Serial Number - P- 148
APU Total Time - 980 Hours
APU Total Cycles - 0,000

AVIONICS

- Honeywell Planeview II, Integrated Digital Avionics System, including:
 - Four (4) flat-panel LCD Electronic Display Units triple Modular Avionics Units (MAUs)
 - Guidance Panel
 - Dual Standby Multifunction Controllers (SMC)
 - Three Multi-Function Control Display Units (MCDUs) dual Cursor Control Devices (CCDs)
 - Primary sensors consisting of: Four Multifunction Air Data Probes (MFPs) triple Inertial Reference Systems (IRS) dual Global positioning Systems (GPS)
 - Head Up Display
 - Enhanced Vision System
 - Dual Loading LAN Management Unit with Cockpit Printer
 - Communications and Navigation Systems, including: Minimum Navigation Performance (MNP) Reduced Vertical Separation Minimums (RVSM)
 - Dual HF Transceivers
 - Dual (MODE S) ATC transponders
- FANS I/A oceanic position reporting and communication three (3) Multi- Function Control Display Units (MCDUs)
- Triple VHF through two (2) VHF transceivers and one (1) NAVCOM unit VHF Navigation, Instrument Landing System (ILS), and Marker Beacon Automated Direction Finder (ADF)
- Traffic Collision Avoidance System (TCAS)
- Dual Distance Measuring Equipment (DME) Transceivers
- Dual digital radio altimeters
- Honeywell Inmarsat Satellite Communications System (SATCOM)
- SATCOM Direct Datalink Service Provider
- Emergency Locator Transmitter (ELT)
- Three-Dimensional (3D) Color Weather Radar System with Predictive Wind Shear
- Flight Data Recorder System (FDR) 88 parameters
- Cockpit Voice Recorder (CVR)
- Central Maintenance Computer (CMC)
- FAR Part 135 Compliant
- Enhanced Ground Proximity Warning

OTHER NOTABLE FEATURES

- Factory Hours Only
- 14 Passenger Configuration
- Aft Galley
- Forward Crew Rest Area
- Ka-Band High Speed Data
- Inmarsat Swift Broadband
- Lsz-860 Lightning Sensor
- Predictive Windshear
- Runway Awareness System (Raas)
- Arinc Datalink
- Skylounge Self-Inflating Mattresses
- Hdmi & Usb Charging Ports
- Faa Pt 91 & 135 Certified
- Aircraft Health And Trend Monitoring

CATALOGUE ESSAY

The Gulfstream G650ER is an extended range version of the G650. Maximum takeoff weight is increased by 4,000 pounds and it's capable of flying 7,500 nm at Mach 0.85. This high-flying aircraft is also in high demand. The roomy cabin of the G650 measures 46.83 feet in length, reaches 6.42 feet in height, and stretches 8.5 feet in width, allowing for a total cabin volume of 2,138 cubic feet. The cabin of the Gulfstream G650 features both sleeping and seating configurations. For maximum passenger accommodation, the cabin of this private business jet can be arranged to seat as many as nineteen. In a maximum sleeping passenger arrangement, the cabin may be configured to accommodate ten passengers. The baggage compartment allows for 195 cubic feet of luggage storage, providing plenty of room to accommodate your passenger's needs. Sixteen 28 inches by 20.5 inches Gulfstream signature windows surround the cabin, providing an airy atmosphere that is perfect for business or relaxation. At a cruising altitude of 41,000 feet, the Gulfstream G650 is capable of maintaining a cabin altitude of just 3,000 feet. In addition to this impressive capability, this private business jet replenishes 100 percent fresh air every two minutes for passenger comfort. The G650 also provides the latest in in-cabin technology. The touch-control entertainment system features a BluRay/DVD/CD player, two large HD LCD monitors, and a stereo speaker system. With the G650 cabin control app, downloadable from the Apple iTunes store, passengers can control cabin features such as shades and temperature, as well as being able to get flight information such as flight time remaining and outside temperature. The G650's environmental control system delivers extra-high pressure air. This allows passengers to feel as if they are breathing air at no more than 4,000 feet, versus the 8,000 feet of a typical business jet cabin. This results in passengers feeling less tired after flights and arriving at their destination refreshed, mentally alert, and ready to conquer the world. The G650's quiet cabin interior allows for productive conversations and business meetings. The Gulfstream G650 is powered by two Rolls-Royce BR725 A1-12 engines. Each engine is rated for 16,900 pounds of takeoff thrust. The range of the G650 spans an impressive 7,000 nautical miles, allowing for many destination options for your business venture. With a maximum certified altitude of 51,000 feet, the G650 is capable of delivering you to your destination while flying above most aviation traffic. The avionics suite utilized on the G650 is the Gulfstream PlaneView II. Incorporated in this system is a nose-mounted IR camera, which is part of Gulfstream's Enhanced Vision System (EVS), allowing the pilots better visibility of airport conditions and terrain in low visibility conditions. This EVS system can be routed to a heads up display (HUD), allowing the pilot to view data on a transparent screen without looking down at the instruments. The Synthetic Vision system takes three-dimensional color images of terrain, obstacles, and the runway environment by utilizing the instrument readings on the primary flight display (PFD), allowing the pilot to much more easily visualize both potential obstructions and landing approaches. Additionally, Gulfstream outfitted the G650 with a redundant computer-controlled fly by wire system. This system provides small adjustment inputs, allowing for a smoother flight and more enjoyable experience for passengers.

