ENGINEERED TO IMPRESS

POWERFUL AND EFFICIENT

YET SO QUIET

HANDCRAFTED TO EXACTING STANDARDS

THE GULFSTREAM G550

RECOGNIZED WORLDWIDE

GREATER EVEN COMFORT

IDEAL FUNCTION

COMMANDING PRECISE DESIGN

EXCELLENCE

SO ADVANCED

IMMERSIVE

SO QUIET

EFFICIENT

G450

IT'S ALL IN THE DETAILS.

OWNERSHIP
Ownership

AN EXCEPTIONAL EXPERIENCE AWAITS.

CUSTOMER SERVICE AND PRODUCT SUPPORT

Your journey begins with an exceptional aircraft and continues with top-rated product support. While the advantages of owning a Gulfstream aircraft are obvious almost immediately upon delivery, it is our goal to ensure that every aspect of your ownership experience is rewarding. Gulfstream maintains an unprecedented commitment to professionalism and customer service. This promise is backed by every employee.

SERVICE AND SUPPORT SOLUTIONS

We continue to expand our support of Gulfstream business jets worldwide. In addition to many company-owned facilities, our 24-hour technical support network operates with a call center and field service representatives strategically located around the world.

WARRANTIES

The G450 is backed by Gulfstream’s extensive and comprehensive warranty.

CREW TRAINING

Training partners are conveniently located so you can coordinate training while your aircraft is in for service.

ONLINE SUPPORT

The myGulfstream.com website contains an “ownership” section where you can easily access maintenance schedules, warranty information and articles exclusive to Gulfstream owners.
WORLDWIDE PARTS

Gulfstream has one of the most extensive parts inventories available. Our focus remains on quality and logistics to ensure we have the right parts in the right locations at the right time.

FIELD & AIRBORNE SUPPORT TEAM (FAST)*

The Field & Airborne Support Teams of Gulfstream, better known as FAST, are an integral part of the company’s expanding mobile product support network. Dispatched by air or ground, members of FAST are highly trained maintenance technicians dedicated to addressing AOG (aircraft-on-ground) issues for Gulfstream aircraft around the world. An integral part of this service are specially outfitted trucks and vans along with Gulfstream’s two dedicated Airborne Product Support (APS) aircraft that can transport flight-essential parts and mobile repair teams. These mobile teams are available 24 hours a day, seven days a week to support our operators around the world.

DISPATCH RELIABILITY

Gulfstream’s approach to reliability is even more comprehensive than the typical National Business Aviation Association (NBAA) metric. Gulfstream focuses on all areas of operation, such as mechanical malfunctions, accidental damage, foreign object damage, random events, spares support, facility delays and issues with the deferrable master minimum equipment list and configuration deviation list. This focus has produced extraordinary results, which include a better than 99 percent dispatch reliability rate.

AVAILABILITY

At Gulfstream, we understand that you need your aircraft to be ready when you are. Gulfstream ensures the availability of your aircraft through a number of factors, including a modern maintenance program, engines that can be maintained either on-condition or with a time between overhaul (TBO) of 12,000 hours, advanced systems with excellent reliability and accessibility and a unique maintenance monitoring system known as PlaneConnect™.

*Some restrictions apply.
G450

IT’S ALL IN THE DETAILS.

CABIN FEATURES
Beyond COMFORT

Reaching far beyond luxurious appearances and practical appointments, Gulfstream designers assist you in achieving productive yet comfortable surroundings suitable for long-range travel.
Cabin

SOPHISTICATION AT WORK.

The G450 offers the most flexible and comprehensively equipped cabin in its class. Every aspect has been designed to maximize comfort and productivity.

CABIN CONFIGURATION

When designing the interior of your new aircraft, Gulfstream will assist you in selecting from a forward or aft galley, a variety of styling options and an impressive array of materials. The large cabin can be configured to accommodate up to 19 passengers in up to three distinct living areas.

WINDOWS

By now, you're familiar with Gulfstream's signature oval windows. They are one of the most recognizable features of a Gulfstream aircraft. But do you know why they are so special? Large-cabin Gulfstream windows are twice the size of those on other manufacturers' business jets.

Gulfstream windows brighten the cabin, add an increased sense of spaciousness and offer the most stunning views of the world.

CABIN ENVIRONMENT

The entire cabin environment is designed to deliver passengers to their destination alert and refreshed. The 100 percent fresh-air system provides a cleaner, healthier cabin environment. Cabin altitude will range from 5,000 to 6,000 feet (1,524 to 1,829 m) to create a more comfortable, productive environment, which means less physical stress for the passengers and crew.

GALLEY

Handcrafted by master cabinet makers, every detail has been given the utmost attention. The galley includes lighted storage, a water sterilization system and dual coffee makers as well as other essentials for full meal and beverage service.

ENTERTAINMENT SYSTEMS

You'll enjoy the G450's entertainment system — all controlled by your touch. This includes two dual DVD players, two LCD cabin monitors and a stereo speaker system.

The cabin audio system comes equipped with the latest noise-cancelling headphones for each passenger seat.

COMMUNICATION

A multi-function printer, wireless local area network and satellite communications with wireless handsets keep you connected. Choose our Broad Band Multi-Link high-speed Internet system for additional convenience (available at additional cost).

LAVATORIES

The large aft lavatory area features floor-to-ceiling storage as well as a mirrored vanity with storage. A second lavatory is conveniently located at the forward cabin for passengers or the flight crew.
### Standard Features

**Comparison between G450 forward and aft galley configurations**

#### FORWARD ENTRANCEWAY AREA
- Entryway acoustical door
- Cockpit privacy door
- Crew refreshment compartment
- Crew lavatory with vacuum toilet
- Storage cabinet
- Forward cabin bulkhead with pocket door

#### PASSENGER CABIN COMFORT
- Headliner
- Electric window shades
- Decorative upper and lower sidewall panels
- **Passenger service units:**
  - LED reading and table lights
  - Adjustable air outlets
  - Audio system speakers
- **LED indirect cabin lighting**
- **Passenger emergency oxygen**
- **Decorative handrails**

**Seating:**
- Berthable single seats with telescoping footrests
- **Four-place berthable divan**
  (Hallmark configuration includes two four-place divans)
- **Console tables with decorative inlay**

- Credenza housing a multi-function printer, gasper-cooled wine storage, miscellaneous storage and wireless local area network (LAN)
- Cabin ledges with console table storage, cup holders and entertainment control panels
- Magazine storage
- Choice of premium quality leathers, upholstery fabrics, wood veneers, wool carpeting and metal plating

#### GALLEY
- Complete hot/cold meal and beverage service
- Color touchscreen control monitor
- High-temperature oven
- Microwave oven
- Two coffee makers
- One large ice drawer
- Two large ice drawers
- Large sink with hot/cold water faucet
- Cold food storage with adjustable shelves
- Solid-surface countertops with sink cover
- Pullout work surface with cutting board
- Dirty dish storage
- China and flatware with fitted storage
- Large sink with hot/cold water faucet
- Large waste container
- Water sterilization system

#### CABIN ELECTRONICS
- Electronic cabin controls throughout interior
- Master controls at two VIP locations for lighting, cabin temperature and entertainment systems
- Two color-touchscreen remote controls
- Two dual DVD players
- 24" LCD monitor in forward cabin bulkhead
- 19" LCD monitor in aft cabin
- Auxiliary audio/video inputs
- Cabin audio system with noise-cancelling headphones for each passenger seat
- Passenger flight information system with worldwide maps
- Wireless local area network (LAN)
- Plain-paper multi-function printer
- 115V/60Hz utility outlets throughout aircraft
AFT LAVATORY AREA
Two cabinets with adjustable shelves for garment or miscellaneous storage
Vacuum toilet with venting system

Vanity cabinet:
- Sink with hot/cold water faucet
- Solid-surface countertop
- Mirror and sink lights
- Facial-tissue storage
- Waste container
- Miscellaneous storage

COMMUNICATIONS AND MONITORING
Aircell Axess Iridium satellite communications system
Honeywell Inmarsat satellite communications system
Securaplane security system
Passenger address system

AVIONICS
PlaneView® cockpit
Gulfstream Enhanced Vision System™
Head-Up Display
ACARS system with satellite communications link and cockpit printer
Three VHF navigation systems
Three VHF communications systems
Triple frequency emergency locator transmitter
Dual 24-channel Global Positioning Systems
Traffic collision avoidance systems
Enhanced GPWS with windshear detection
Three flight management systems
Three inertial reference systems

EXTERIOR PAINT SCHEME
Single base color
Up to five stripes

COMPLIANCE
Outfitted for FAA Part 91 Operations

MISCELLANEOUS
Dual-zone cabin temperature control
Common keyed locks
Lockable fuel caps
Maintenance storage box
30-gallon pressurized water system
Passenger oxygen system
Life vests and rafts
Wing-tip taxi lights
Tow bar and storage

Optional Features
Armrest mounted, 9” LCD monitors in the single passenger seats
Securaplane camera system with three cameras
Teflon coating over exterior paint
Two-tone exterior paint

These items are available at an additional cost.

Gulfstream High-Definition Audio-Video Distribution System
Broad Band Multi-Link (BBML) high-speed data system
Aircell Gogo Biz high-speed Internet system
Honeywell HD-710 SwiftBroadband high-speed data system
Honeywell LSZ-860 lighting sensor system
Honeywell DBS satellite television system
Mid-cabin bulkhead or privacy curtain
Part 135 compliance
Baggage compartment hinged shelf
Espresso maker (exchange for one coffee maker)
Export Certificate of Airworthiness
EASA certification
EU-Ops 1 compliance
Synthetic Vision-Primary Flight Display
PlaneView Enhanced Navigation Package
Replace credenza with Select Interior seating*

*Certain cabin configuration guidelines apply.
EXECUTIVE FORWARD GALLEY
Seats up to 12 passengers, with berthing for 5

UNIVERSAL FORWARD GALLEY
Seats up to 14 passengers, with berthing for 6

HALLMARK FORWARD GALLEY
Seats up to 16 passengers, with berthing for 6

Tailored Interiors
In order to best meet the individual needs of each Gulfstream customer, we have gone beyond Select Interiors to offer Tailored Interiors*, which let you determine how to best use the cabin living space. With the assistance of a Gulfstream completions sales executive, you can tailor the main-cabin passenger-seat configuration to meet your specific needs.
EXECUTIVE AFT GALLEY
Seats up to 12 passengers, with berthing for 5

UNIVERSAL AFT GALLEY
Seats up to 14 passengers, with berthing for 6

HALLMARK AFT GALLEY
Seats up to 16 passengers, with berthing for 6

Select and place seat groupings in locations you prefer within the main cabin area. A divan is necessary to house required equipment. Additionally, any configuration chosen must not exceed 19 passenger seats. Divans seat up to four people.

*Certain cabin configuration guidelines apply.
G450

IT’S ALL IN THE DETAILS.

PERFORMANCE AND TECHNOLOGY
Technology

INNOVATION AT WORK.

Every advanced feature enhances situational awareness, reduces pilot workload and ultimately increases your safety.

THE PLANEVIEW ADVANTAGE

PlaneView is simply the most advanced flight deck in existence because of its display technology, avionics architecture, processing power and its flight management and navigation capabilities. Open architecture provides the capability to easily integrate avionics functions, such as electronic airport charts and video images from external cameras such as the Enhanced Vision System. PlaneView comes standard with a triplex Flight Management System (FMS). In this integrated work environment, flight crews can function at the peak of their skills and training.

Another Gulfstream standard is the Automatic Emergency Descent Mode (EDM). This unique feature provides protection to the crew and passengers in the unlikely event of a cabin depressurization.

CURSOR CONTROL DEVICE

This unique device controls graphical flight planning, menu scrolling and other on-screen features — just as if you were using a mouse on your own computer. It’s intuitive, easy-to-use and reduces pilot workload for improved safety.

ENGINES

To power the G450, engineers selected the Rolls-Royce Tay Mk 611-8C engine. Each of the two turbofan engines generates up to 13,850 pounds (61.6 kN) of thrust, yet performs at noise levels well within Stage 4 noise requirements. Engine emissions are below international regulations — ensuring a warm welcome for you and your aircraft at airports anywhere in the world. Its dual Full Authority Digital Electronic Control (FADEC) system boosts engine reliability by maintaining critical operating parameters. Dual auto throttles manage the engines through all phases of flight and help ensure peak efficiency as well as enhance safety and reliability.

PLANECONNECT™

This smart technology automatically transmits information from your aircraft to maintenance operations on the ground — including Gulfstream’s Technical Operations center, if desired. By providing information while the G450 is still in flight, PlaneConnect enables speedy resolution of any maintenance issues that may arise.
Performance

TIME IS ON YOUR SIDE.

With its long-range capability and short-range efficiency, the G450 proves its time-saving abilities with ease. The world’s most remote destinations lie well within its nonstop range, and worldwide city pairs are often just a single refueling stop away. Because of its large, efficient wing, airframe and powerful engines, there is simply no sacrifice in performance, even under hot and high-elevation conditions.

HOW FAR CAN YOU GO?

Fly eight passengers more than 9.5 hours, covering up to 4,350* nautical miles (8,061 km) at a cruise speed of Mach 0.80. Reach top speeds of up to Mach 0.88 – that’s over 580 miles per hour (930 km/hr).

TAKEOFF

Even on long-range flights, take off from runways half as long as those required by commercial airlines. With a G450, you can operate from smaller, less congested airports that are often closer to your home or office, resulting in a more efficient overall trip.

ALTITUDE

You’ll reach initial cruise altitude of 41,000 feet (12,497 m) in approximately 20 minutes. At maximum altitude of 45,000 feet (13,716 m), cruise high over the uncertainties of weather and busy commercial traffic for more direct routes and reduced flight times.

CARRYING CAPACITY

With the most payload carrying capability in its class, the G450 soars far beyond other business jets. You’ll reach 4,000* nautical miles (7,408 km) carrying up to 15 passengers (3,000 lb/1,361 kg)**. That’s enough range to fly from Cairo to Johannesburg.

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*NBAA IFR theoretical range. Actual range will be affected by ATC routing, operating speed, weather, outfitting options and other factors. **Stated weights are based on theoretical standard outfitting configurations. Actual weights will be affected by outfitting options and other factors.
Remarkable Takeoff

Takeoff from a high-altitude airport certainly comes with its own challenges. In just seven hours and seven minutes, the G450 was able to take off from the demanding altitude of Denver’s Centennial Airport and fly 2,944 nm (5,452 km) at an average speed of Mach 0.84 to Honolulu Airport on the island of Oahu, and still land with 4,900 pounds of fuel remaining – setting a new city-pair speed record.

*City pair connections based on the NBAA IFR mission profile, 85% annual winds and standard day conditions. Actual performance will be affected by ATC routing, operating speeds, weather, outfitting options and other factors.*
Intercontinental Range

Carrying eight passengers – traveling nonstop – the G450 proves its intercontinental capabilities with ease, flying up to 4,350 nm (8,061 km) at Mach 0.80*. In May 2005, the G450 demonstrated its high speed capability flying from Chicago to London in just seven hours and 19 minutes at an average speed of Mach 0.85 – setting a new city-pair speed record.
Specifications

PERFORMANCE

Maximum Range*  
(Mach 0.80, 8 passengers, 3 crew and NBAA IFR reserves)  
4,350 nm / 8,061 km

Normal Cruise Speed  
Mach 0.80 / 459 ktas / 850 km/h

High Speed Cruise  
Mach 0.85 / 488 ktas / 904 km/h

Mmo (Maximum Operating Mach Number)  
Mach 0.88

Takeoff Distance (SL, ISA, MTOW)  
5,600 ft / 1,707 m

Landing Distance (SL, ISA, MLW)  
3,260 ft / 994 m

Initial Cruise Altitude  
41,000 ft / 12,497 m

Maximum Cruise Altitude  
45,000 ft / 13,716 m

WEIGHTS

Maximum Takeoff Weight  
74,600 lb / 33,838 kg

Maximum Landing Weight  
66,000 lb / 29,937 kg

Maximum Zero Fuel Weight  
49,000 lb / 22,226 kg

Basic Operating Weight** (including 3 crew)  
43,000 lb / 19,505 kg

Maximum Payload **  
6,000 lb / 2,722 kg

Payload with Maximum Fuel **  
2,500 lb / 1,134 kg

Maximum Fuel Weight  
29,500 lb / 13,381 kg

DESIGN STANDARDS

Avionics  
Gulfstream PlaneView®

Engines  
Two Rolls-Royce Tay Mk 611-8C

Rated Takeoff Thrust (each)  
13,850 lb / 61.6 kN

Passengers: Maximum  
19

Typical Outfitting  
12–16

INTERIOR

Total Interior Length  
45 ft 1 in / 13.74 m

Cabin Length (excluding baggage)  
40 ft 4 in / 12.29 m

Cabin Height  
6 ft 2 in / 1.88 m

Cabin Width  
7 ft 4 in / 2.24 m

Cabin Volume  
1,525 cu ft / 43.2 cu m

Baggage Compartment Volume  
169 cu ft / 4.8 cu m

COMFORT

12 Gulfstream Signature Oval Windows

Forward or Aft Galley

Forward and Aft Lavatories

6 Select Floor Plans or Tailored Floor Plan

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