

Gulfstream G450

From Wikipedia, the free encyclopedia

Jump to: [navigation](#), [search](#)

Gulfstream G350 and G450

Type [Business jet](#)

Manufacturer [Gulfstream Aerospace](#)

Maiden flight 2002

Introduced G350: 2004
G450: 2003

Status Active service

Primary user Various Corporations

Unit cost ~\$49 million

Developed from [Gulfstream G300/G400](#)

Variants [Gulfstream G500/G550](#)

The **Gulfstream G350** and **G450** are [business jet](#) aircraft produced by [General Dynamics'](#) [Gulfstream Aerospace](#) unit, located in [Savannah, Georgia](#). The G350 and G450 are upgrades of the successful [GIV/GIV-SP/G400](#) line.^[1]

Contents

[\[hide\]](#)

- [1 Design and development](#)
 - [1.1 Gulfstream G350](#)
 - [1.2 Gulfstream G450](#)
- [2 Operators](#)
- [3 Specifications](#)
 - [3.1 G350](#)
 - [3.2 G450](#)
- [4 References](#)
- [5 External links](#)
- [6 Related content](#)
 - [6.1 Related development](#)
 - [6.2 Comparable aircraft](#)

[\[edit\]](#) **Design and development**

[\[edit\]](#) **Gulfstream G350**

The **G350** is a shorter range version of the G450, introduced in 2004. It has the same exterior appearance, as well as the PlaneView cockpit, but does not have EVS as standard equipment, although it is available as an option.

[\[edit\]](#) **Gulfstream G450**

The **Gulfstream G450**, an upgrade of the G400, was released to the market in 2003, and has increased performance. It has a "PlaneView" [cockpit](#) (which consists of 4 Honeywell 21 EFIS screens, and a Gulfstream-designed cursor control system), and an "Enhanced Vision System" (EVS), an infrared camera that displays an image of the view in front of the camera on a [head up display](#). EVS permits the aircraft to land in lower-visibility [instrument meteorological conditions](#) than a non-EVS-equipped aircraft.

[\[edit\]](#) **Operators**

[\[edit\]](#) **Specifications**

 This [aircraft](#) article is missing some (or all) of its [specifications](#). If you have a source, you can [help Wikipedia](#) by [adding them](#).

[\[edit\]](#) **G350**

Data from Gulfstream website^[2]

General characteristics

- **Crew:** 1-2 pilots, 0-2 attendants
- **Length:** 89 ft 4 in (27.23 m)
- **Wingspan:** 77 ft 10 in (23.7m)
- **Height:** 25 ft 2in (7.67m)
- **Powerplant:** 2x turbofan

Performance

Avionics

Honeywell Primus Epic system

[\[edit\]](#) **G450**

Data from Gulfstream website^[3]

General characteristics

- **Crew:** 3
- **Capacity:** 8 passengers

- **Length:** 89'4" ()
- **Wingspan:** 77'10" ()
- **Height:** 25'2" ()
- **Empty weight:** 49,000 lbs ()
- **Loaded weight:** 74,300 lbs ()
- **Max takeoff weight:** 73,900 lbs ()
- **Powerplant:** 2x Turbofan

Performance

- **Maximum speed:** 0.88 mach
- **Cruise speed:** 0.80 mach
- **Range:** 4,350 nm ()
- **Service ceiling:** 45,000 ft ()

Avionics

Honeywell Primus Epic system

[\[edit\]](#) References

1. [^ Gulfstream History page\]](#)
2. [^ Gulfstream : G350.](#)
3. [^ Gulfstream : G450.](#)

[\[edit\]](#) External links

- [Gulfstream official G350 web page](#)
- [Gulfstream official G450 web page](#)
- [Gulfstream G450 manual on www.smartcockpit.com](#)

[\[edit\]](#) Related content

[\[edit\]](#) Related development

- [Gulfstream G300/G400](#)
- [Gulfstream G500/G550](#)

[\[edit\]](#) Comparable aircraft

- [Bombardier Global Express](#)
- [Bombardier Global 5000](#)
- [Dassault Falcon 7X](#)
- [Boeing Business Jet](#)
- [Airbus A318 Elite](#)