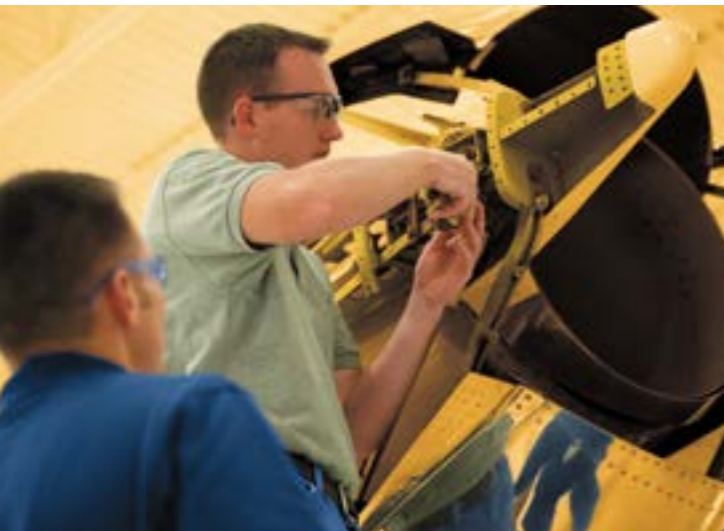


Gulfstream G450

Professional Pilot and Technician Training Programs





FlightSafety and Gulfstream have worked together for more than 40 years to develop comprehensive pilot and maintenance technician training programs for practically every Gulfstream aircraft model. Our highly qualified and experienced instructors, advanced-technology flight simulators and integrated training systems help ensure proficiency and safety. We offer Gulfstream G450 training at our Learning Centers in Dallas, Texas; Long Beach, California; and Savannah, Georgia.

Innovation With One Purpose: Training Corporate Aviation Professionals for Safety and Proficiency

FlightSafety International is the world's leading aviation training organization. The leader in experience. The leader in technological innovation. The leader in global reach. FlightSafety serves the world's aviation community providing total aviation training for pilots, maintenance technicians and other aviation professionals. We serve business, commercial, general and military aviation with training for virtually all fixed-wing aircraft and helicopters. We live, breathe and ThinkSafety.

FlightSafety enjoys a strong relationship with Gulfstream that is built around our training programs for the full line of Gulfstream business jets. FlightSafety Learning Centers offer professional pilots and maintenance technicians of Gulfstream G450 aircraft the resources to achieve proficiency and safety. All of FlightSafety's Gulfstream training programs meet the same high standards, regardless of aircraft model. Learning Centers for Gulfstream business aircraft are located in Dallas, Texas; Hong Kong, China; London Farnborough, United Kingdom; Long Beach, California; Savannah, Georgia; and Wilmington, Delaware.

Experienced
Instructors,
Superior
Training
Technology

Gulfstream G450 Training Program Highlights

- FlightSafety's Master Aviator Award is now available for Gulfstream G450 operators. To become a Master Aviator, complete a series of Advanced Training courses and electives and complete a FlightSafety training or checking event every eight months.
- FlightSafety's Advanced Pilot Courses are based on analysis of actual incidents – helping to develop solid flying skills, swift and accurate decisions, and precise crew communication.

Advanced Courses include:

- Advanced Upset Prevention and Recovery Training
 - Advanced Energy Management
 - Advanced Rejected Takeoff Go/No-Go
 - Advanced CRM Human Factors LOFT
- EASA Upset Prevention and Recovery Training (UPRT) course is also available.
 - FlightSafety International has created an iPad reference guide called Gulfstream CPDLC iFlightDECK.™ This dynamic reference tool is accessed on the iPad through FlightSafety's FlightBag app and is available by subscription for one full year. The virtual FMS enables pilots to engage in CPDLC, ADS-C, and DCL operations as they would in the actual aircraft. CPDLC iFlightDECK™ is a great supplement to your CPDLC training as it can be accessed offline on your iPad and is a great tool to refresh your knowledge before a trip.



Master Aviator – The New Standard for Pilot Achievement

(continued on next page)

Gulfstream G450 Training Program Highlights

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- FlightSafety holds more simulator certifications on the G450 than any other provider: ANAC/CAAC/EASA/FAA/GACA/HKCAD/MDGAC/MTRF/TC.
- FlightSafety, the factory-authorized training provider, assisted Gulfstream with FAA/EASA certification for the G450.
- EVAS (Enhanced Visual Assurance System) HUD/HUD II training is available in the simulators.
- Gulfstream Enhanced Navigation training is available – ground school instruction covers ADS-C, CPDLC, WAAS and LPV approaches. Simulator instruction covers LPV approaches and WAAS.
- The Honeywell database is updated every 28 days. This allows you to fly anywhere in the world right from the classroom.
- Pre-study material available online 90 days prior to commencement of course. Sign up on myFlightSafety.com.



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Gulfstream G450

Training Program Highlights (continued from previous page)

- FlightBag includes both pre-course study materials with iFlashCARDS and iFlightDECK.™ The interactive iFlightDECK™ provides visual navigation to the associated aircraft Pilot Training Handbook through the electronic Instrument Panel Poster. FlightBag serves as a single entry to learning cockpit functionality, systems, checklist flows and synoptics. Plus access to OEM documents: QRH, FMS Task List, G450 FAQ and Book of Why. All attendees in the G450 Program receive an iPad. You can download FlightBag via iTunes.
- Our Long Beach and Savannah Learning Centers are one-stop shops for Gulfstream G450 pilot, maintenance technician and flight attendant training.
- Maintenance technicians can take advantage of the exclusive Total Technical Training for the G450. In TTT, instructors from FlightSafety and Gulfstream collaborate to offer advanced, hands-on practical training. This unique method of instruction leverages Gulfstream's knowledge of aircraft design, manufacturing and support with FlightSafety's world-class training expertise.
- Our Master Technician training for the G450 provides a career development path for maintenance technicians through a rigorous and progressive course of study that results in optimal advanced skills training. This certification program is recognized and highly respected in the industry. The Customer benefits from reduced aircraft downtime, improved turnaround times and enhanced dispatch reliability.



Your FlightSafety Learning Center Experience



- 1 Check-In/Orientation** Arriving at the center, you receive a warm greeting and a welcome packet of information about the specifics of your stay.
- 2 Classroom Instruction** Receive thorough classroom training from experienced, dedicated instructors supported by effective, state-of-the-art training devices.
- 3 Peer Interaction** Enjoy daily give-and-take with your peers, an important and stimulating additional source of information.
- 4 Self-Paced Learning** While you're with us, take advantage of opportunities to review topics or learn new subject matter through a variety of self-paced learning materials.
- 5 Simulator Briefings** Prior to each simulator flight, review with your instructor the procedures and specific objectives of that particular session.
- 6 Simulator Training** Coached by your highly qualified instructor, practice and refine the flight-deck procedures requisite to your course of training.
- 7 Simulator Debriefings** After each simulator flight, debrief with your instructor to measure your progress and set your learning priorities.
- 8 Results** Complete your training knowing you have the information and skills your job demands – because training doesn't stop until you've reached proficiency.

Simulator Profiles

Location	Year Built	Sim Level	Approvals	Avionics	Additional Equipment	Visual System	Debriefing System
Dallas	2012	D	FAA, EASA, ANAC, TC, MDGAC, GACA, CAAC	Epic PlaneView Cert G	G450/G550 Convertible Sim, TCAS 7.1, Rockwell Collins HUD II, EFVS, Enhanced Navigation (ADS-C, CPDLC, WAAS/LPV), Synthetic Vision, EVAS (with smoke)	VITAL X HD	SimVu
Long Beach	2007	D	FAA, MDGAC, TC	Epic PlaneView Cert H	G450/G550 Convertible Sim, Honeywell HUD, EFVS, Enhanced Navigation (ADS-C, CPDLC, WAAS/LPV), Synthetic Vision, RNP AR, EVAS (no smoke)	VITAL IX	SimVu
Savannah	2004	D	FAA, EASA, ANAC, TC, MDGAC, GACA	Epic PlaneView Cert H	Honeywell HUD, EFVS, Enhanced Navigation (ADS-C, CPDLC, WAAS/LPV), Synthetic Vision, RNP AR, EVAS (no smoke) EASA UPRT Course	VITAL IX	SimVu
Savannah	2007	D	FAA, EASA, ANAC, TC, MDGAC, GACA, CAAC	Epic PlaneView Cert H	Honeywell HUD, EFVS, Enhanced Navigation (ADS-C, CPDLC, WAAS/LPV), Synthetic Vision, RNP AR, EVAS (with smoke) EASA UPRT Course	VITAL IX	SimVu
Savannah	2009	D	FAA, MDGAC, TC, GACA	Epic PlaneView Cert H	G450/G550 Convertible Sim, Honeywell HUD, EFVS, Enhanced Navigation (ADS-C, CPDLC, WAAS/LPV), Synthetic Vision, RNP AR, EVAS (no smoke)	VITAL X	SimVu

Program Details

Location	Ground School Software	FTD, CPT, GFS	Differences Courses	High-Tech Classroom
Dallas	MATRIX	GFS, AFT	Gulfstream G450/G550	Yes
Long Beach	MATRIX	GFS, AFT	Gulfstream G450/G550	Yes
Savannah	MATRIX	GFS, AFT	Gulfstream G450/G550	Yes

The FlightSafety Customer Training System

The FlightSafety Customer Training System provides professional, safety-centered training that leads to proficiency, heightened decision-making and leadership skills.





Inside the Most Trusted Name in Training

Global Leadership FlightSafety delivers more than 1.4 million hours of professional aviation training each year. We operate the world's largest aviation training network, with Learning Centers and training locations around the globe. We are honored to serve as the authorized training provider for the majority of business aircraft manufacturers.

Expert Instructors FlightSafety fields more than 1,800 of the industry's best instructors, each devoted to ensuring that our Customers are trained to proficiency. Each with the experience and credentials necessary to help our Customers perform at the highest levels of safety.

Strategic Locations. Worldwide Vision. We train to best meet our Customers' needs, wherever they may be. This is why FlightSafety's Learning Centers are strategically located adjacent to the major aircraft manufacturers or in other areas that best serve our Customers. Many centers offer training for a wide variety of aircraft types, while others are dedicated solely to the aircraft of one manufacturer.

In keeping with our role as the global leader in aviation safety, our training programs and flight simulators are qualified by international regulatory agencies, including the FAA, EASA, CAAC and Transport Canada.*

*Not all programs qualified by all authorities listed.

Gulfstream G450 Pilot Training

COURSE CURRICULUM	INITIAL	RECURRENT	PRIOR EXPERIENCE
COURSE MODULE	23 DAYS	5 DAYS	7 DAYS
Ground School	62.0 hours	15.0 hours	15.0 hours
Systems Integration Training	12.0 hours	1.0 hours	1.0 hours
Briefing/Debriefing	21.0 hours	6.0 hours	8.0 hours
Simulator (Pilot Flying)	14.0 hours	6.0 hours	8.0 hours
Simulator (Pilot Monitoring)	14.0 hours	6.0 hours	8.0 hours

Simulator Training – Simulator hours are based on crew training.

Course Length – Course length does not include simulator check days, if required.

G450 Pilot Initial and Recurrent Courses – Both courses include training for the G350.

Transition Training – Pilots transitioning from the GV to the G450 must take a 6 hour ground school avionics transition course prior to G450 Recurrent.

Differences Training – Differences training is not conducted on a standalone basis and must be taken in conjunction with either a G450 or G550 Initial or Recurrent. These courses will be scheduled immediately when the related aircraft specific recurrent training course is completed, during the same training period.

Course Dates – For course dates, please visit our website at flightsafety.com or contact any of the Learning Centers listed below.

Dallas, Texas

866.486.8733 • 972.534.3200
fax 972.534.3199
dfw@flightsafety.com

Long Beach, California

800.487.7670 • 562.938.0100
fax 562.938.0110
longbeach@flightsafety.com

Savannah, Georgia

800.625.9369 • 912.644.1000
fax 912.644.1096
savannah@flightsafety.com

Gulfstream G450 Category II Training

COURSE CURRICULUM	INITIAL	RECURRENT
COURSE MODULE	1 DAY	0.5 DAYS
Ground School	2.0 hours	1.5 hours
Simulator (per pilot)	2.5 hours	1.5 hours
Simulator (per crew)	5.0 hours	3.0 hours

Prerequisite – CAT II Initial is a prerequisite to the CAT II Recurrent. CAT II Recurrent. Course is only available if taken in conjunction with G450 Pilot Recurrent Course. Customer must have their own Company CAT II Program to train.

Ground School Curriculum Includes the Following:

- General
- Airport and Airplane Equipment
- Operating Procedures and Limitations
- Weather Conditions (Fog and Visual Reference)
- Flight Crew Qualification and Training
- Company Organization
- CAT II Monitoring

Simulator Curriculum Includes the Following:

- Category II Required Equipment
- Performance Computer Demonstration (Landing Distance) – If Applicable
- Instrument Failures and Warning Systems
- Excessive Deviation Demonstration
- Abnormal Procedures (Indication/Action)
- Freeze Simulator/Demonstrate Visual Characteristics at 100' for Various RVRs
- Approach Monitoring
- CAT II ILS (Full Procedures)
- CAT II ILS to 100'/1200' RVR: Land
- CAT II ILS to 100'/1200' RVR: Land (Crossing Wind from Left)
- CAT II ILS to 100'/1200' RVR: Land (Crossing Wind from Right)
- CAT II ILS to 100'/1200' RVR: Land (Visual Deteriorates Below 1200' RVR) – Go-Around
- Engine Failure Before Middle Marker – Go-Around

Course Dates – For course dates, please visit our website at flightsafety.com or contact any of the Learning Centers listed below.

Dallas, Texas

866.486.8733 • 972.534.3200
fax 972.534.3199
dfw@flightsafety.com

Long Beach, California

800.487.7670 • 562.938.0100
fax 562.938.0110
longbeach@flightsafety.com

Savannah, Georgia

800.625.9369 • 912.644.1000
fax 912.644.1096
savannah@flightsafety.com

Gulfstream G450 and G550 Avionics Pre-Course

COURSE CURRICULUM	PRE-COURSE
COURSE MODULE	2 DAYS
Electronic Display System (EDS)/Honeywell FMS System	8.0 hours
Aerosim Training Session	8.0 hours

A two-day Avionics Pre-course has been developed for pilots who are attending the Gulfstream G350/G450 and G500/G550 initial Course to familiarize them with the advanced avionics suite in these aircraft. This avionics suite has been a source of difficulty for those pilots with low experience in glass cockpits and/or Honeywell Avionics Systems.

Electronic Display System includes the following subjects:

- Primary Flight Displays
- Navigation Displays
- Navigation Display Switching
- Engine Instrument Display
- Crew Alerting System
- Synoptic Pages
- Formats
- Color Conventions
- Manipulation of Displays
- Symbol Generators/Switching
- Display Controllers
- Failure Recognition/Actions

Honeywell FMS System Includes the following subjects:

- Position Initialization
- Data Entry
- Flight Plan Loading
- Performance Initialization

Aerosim Training Session – This computer-based session is instructor led, and integrates the following areas:

- FMS/EDS Flight Planning
- Performance Planning
- Inertial Reference Units
- FMS
- Display Controllers
- Weather Radar
- EFIS Displays

The instructor leads the client thru a scenario-based flight session which highlights avionics covered in the initial course. The objective is to build a solid understanding of using the aircraft's avionics system, reducing common mistakes, and improving situational awareness.

Course Dates – For course dates, please visit our website at flightsafety.com or contact any of the Learning Centers listed below.

Dallas, Texas

866.486.8733 • 972.534.3200
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dfw@flightsafety.com

Long Beach, California

800.487.7670 • 562.938.0100
fax 562.938.0110
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Savannah, Georgia

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fax 912.644.1096
savannah@flightsafety.com

Gulfstream G350/G450 Maintenance Training



COURSE CURRICULUM	DAYS	HOURS
TTT Maintenance Initial (20 Day)	20 days	146.00 hours
TTT Initial Maintenance (25 Day) – Regulatory*	25 days	160.00 hours
GVSP Series to GIV-X Series Maintenance Differences – Regulatory*	17 days	109.00 hours
Maintenance Practical – Regulatory*	10 days	60.00 hours
Avionics Practical – Regulatory*	10 days	60.00 hours
Avionics Add-On Practical – Regulatory*	2 days	12.00 hours
Avionics Add-On – Regulatory*	3 days	16.00 hours
Avionics Initial Theory – Regulatory*	20 days	132.50 hours
Update	5 days	35.50 hours
Advanced Troubleshooting	5 days	33.00 hours
Familiarization	5 days	33.50 hours
Engine Run & Taxi	3 days	14.00 hours

These maintenance training courses are provided in partnership with Gulfstream Aerospace Corporation, ensuring our clients receive the most current and accurate training information.

**For more information on regulatory requirements, please contact the Learning Center below.*

Course Dates – For course dates, please visit our website at flightsafety.com or contact the Learning Center listed below.

Long Beach, California

This location is available on request. For scheduling, please contact the Savannah Learning Center.

Savannah, Georgia

800.625.9369 • 912.644.1000
fax 912.644.1085
savannah@flightsafety.com



World-Class Training. Worldwide Reach. FlightSafety International is the world's premier professional aviation training company and supplier of flight simulators, visual systems and displays to commercial, government and military organizations. The company provides more than 1.4 million hours of training each year to pilots, technicians and other aviation professionals from 167 countries and independent territories. FlightSafety operates the world's largest fleet of advanced full flight simulators at Learning Centers and training locations in the United States, Australia, Brazil, Canada, China, France, Japan, Norway, South Africa, the Netherlands and the United Kingdom.

ThinkSafety®

FlightSafety International

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New York, NY 11371

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