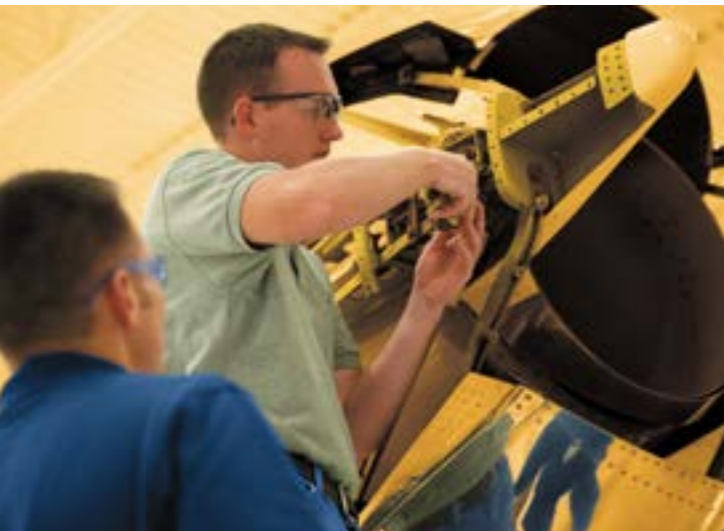


# Embraer Legacy 450/500

*Professional Pilot and Technician Training Programs*





Experienced  
Instructors,  
Superior  
Training  
Technology

*FlightSafety and Embraer have worked together for decades to develop comprehensive pilot and maintenance technician training programs for a wide range of Embraer business aircraft. Our highly qualified and experienced instructors, advanced-technology flight simulators and integrated training systems help ensure proficiency and safety. Embraer Legacy 450/500 pilot training is available at the North Learning Center in Dallas, Texas; and at the Learning Center in St. Louis, Missouri. Maintenance technician training for the Embraer Legacy 450/500 is available at the Learning Centers in Paris-Le Bourget, France; and St. Louis, Missouri.*

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

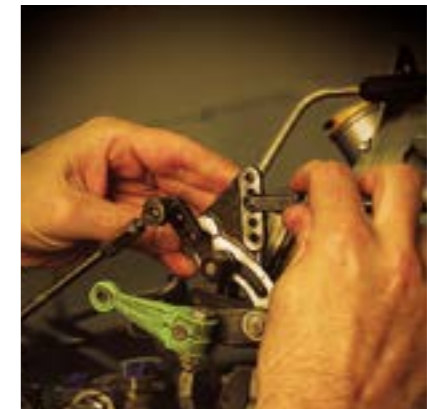
FlightSafety International is the world's leading aviation training organization. The leader in experience. The leader in technological innovation. The leader in global reach. FlightSafety serves the world's aviation community providing total aviation training for pilots, maintenance technicians and 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 provides training for virtually the entire line of Embraer business aircraft. We offer business aviation pilots and maintenance technicians of Embraer aircraft the resources to achieve proficiency and safety, with an experienced instructor base. Learning Centers for Embraer business aircraft are located in Dallas, Texas (North); Houston, Texas; Paris-Le Bourget, France; and St. Louis, Missouri.

# Embraer Legacy 450/500 Training Program Highlights

- FlightSafety and Embraer work closely together to develop new training programs, update existing courses and determine the timing and locations of training devices and equipment needed to support Embraer aircraft operators. This close working relationship enhances standards and safety. Together FlightSafety and Embraer have created a great partnership.
- We offer customized training programs to meet specific training needs.
- Get a head start on your training with pre-course study guides available at [myFlightSafety.com](http://myFlightSafety.com), now compatible with the iPad.
- Advance your career while enhancing safety and improving dispatch reliability with FlightSafety's exclusive Master Technician training for Legacy 450/500 aircraft. Master Technicians are recognized throughout the industry as having achieved the pinnacle of training for their aircraft.
- Training courseware and training devices for Legacy 450/500 aircraft were developed in conjunction with Embraer.

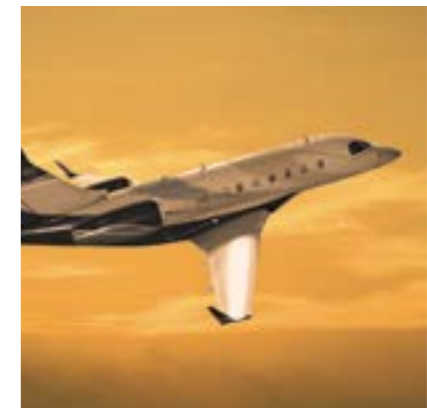
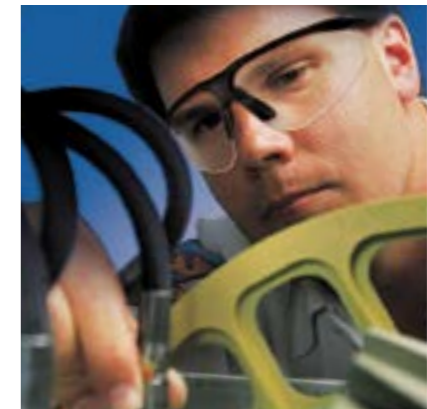
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# Embraer Legacy 450/500 Training Program Highlights

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- We have incorporated Graphical Flight-deck Simulator (GFS) training into the Legacy 450/500 aircraft program. The GFS leverages our exclusive MATRIX system technology, providing real-time and interactive simulation during ground training that is proven to enhance your overall learning experience.
- Our initial course makes extensive use of the Graphical Flight-deck Simulator, with five SIT sessions prior to simulator training. Our Legacy 450/500 GFS is equipped with tactile panels for flight guidance control, cursor control and multifunction keyboard.
- A wide variety of specialty and enrichment training is available through our eLearning and LiveLearning courses.
- iPad convenience – download our application and gain access to classroom training materials. The application puts all these resources at your fingertips, making home study and in-flight planning easy and accessible.
- Maintenance technicians can take advantage of multiple courses including initial, update and avionics. Additionally, an Engine Run & Taxi course and an Advanced Troubleshooting course will soon be available for the Legacy 450/500.



# 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 (North) | 2016       | D         | FAA, EASA, ANAC       | Collins Pro Line Fusion | GPWS, TCS, HUD, EFVS | VITAL 1100    | SimVu             |
| St. Louis      | 2014       | D         | FAA, CAAC, EASA, ANAC | Collins Pro Line Fusion | GPWS, TCS, HUD, EFVS | VITAL X       | SimVu             |

## Program Details

| Location       | Ground School Software | FTD, CPT, GFS |
|----------------|------------------------|---------------|
| Dallas (North) | PowerPoint             | GFS           |
| St. Louis      | PowerPoint             | GFS           |

# 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.



# Embraer Legacy 450/500 Pilot Training

| COURSE CURRICULUM            | INITIAL    | RECURRENT  |
|------------------------------|------------|------------|
| COURSE MODULE                | 23 DAYS    | 5 DAYS     |
| Ground School                | 44.0 hours | 13.0 hours |
| Systems Integration Training | 20.0 hours | 2.0 hours  |
| Briefing/Debriefing          | 10.5 hours | 3.0 hours  |
| Simulator (Pilot Flying)     | 14.0 hours | 6.0 hours  |

**Type Rating Prerequisites** – As a minimum, pilot must possess a multi-engine and instrument rating with 1,000 hours total time for the Type Rating.

**Pre-Course Study Materials** – Pre-Course study materials are available to clients using our FlightBag app or via myFlightSafety on our website.

**Course Dates** – For course dates, please visit our website at [flightsafety.com](https://flightsafety.com) or contact any of the Learning Centers listed below.

**Dallas, Texas (North)**

866.486.8733 • 972.534.3200  
 fax 972.534.3199  
[dfw@flightsafety.com](mailto:dfw@flightsafety.com)

**St. Louis, Missouri**

800.258.4351 • 314.442.3300  
 fax 314.442.3355  
[stlouis@flightsafety.com](mailto:stlouis@flightsafety.com)

# Embraer Legacy 450/500 (Honeywell AS097) Maintenance Training

| COURSE CURRICULUM           | DAYS    | HOURS       |
|-----------------------------|---------|-------------|
| Maintenance Initial         | 15 days | 98.50 hours |
| Maintenance Practical       | 10 days | 60.00 hours |
| Maintenance Familiarization | 5 days  | 27.50 hours |
| Avionics Initial            | 10 days | 74.25 hours |
| Avionics Practical          | 10 days | 60.00 hours |
| Avionics Add-On             | 2 days  | 12.75 hours |
| Avionics Add-On Practical   | 1 days  | 6.00 hours  |

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

**Course Dates – For course dates, please visit our website at [flightsafety.com](http://flightsafety.com) or contact any of the Learning Centers listed below.**

#### **Paris-Le Bourget, France**

+33.1.49.92.1919

fax +33.1.49.92.1892

[paris@flightsafety.com](mailto:paris@flightsafety.com)

#### **St. Louis, Missouri**

800.258.4351 • 314.442.3300

fax 314.442.3355

[stlouis@flightsafety.com](mailto:stlouis@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, the Netherlands, Norway, South Africa and the United Kingdom.

## ThinkSafety®

FlightSafety International

Marine Air Terminal • LaGuardia Airport

New York, NY 11371

718.565.4100 • 800.877.5343

[flightsafety.com](http://flightsafety.com)