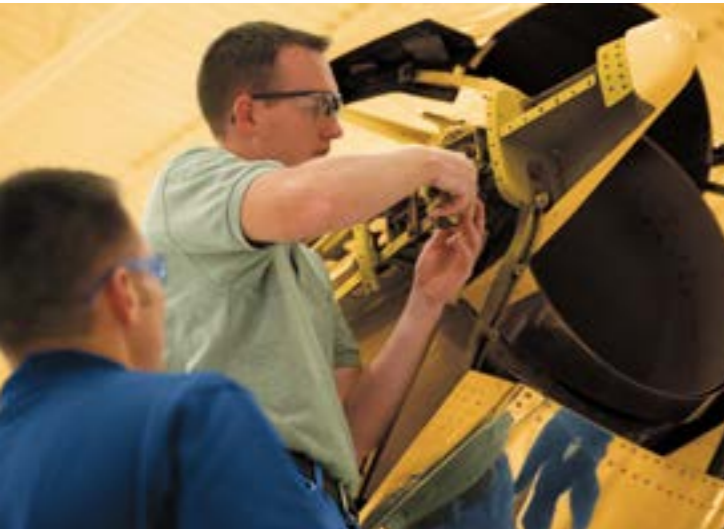


# Embraer E-Jets Series and Lineage 1000

*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 aircraft. Our highly qualified and experienced instructors, advanced-technology flight simulators and integrated training systems help ensure proficiency and safety. Embraer E-Jets Series and Lineage 1000 pilot training is available at FlightSafety Learning Centers in Amsterdam, Netherlands; Cincinnati, Ohio\*; Denver, Colorado\*; Exeter, UK\*; Paris-Le Bourget, France; Salt Lake City, UT\*; and St. Louis, Missouri. Maintenance training for the E-Jets Series is located in St. Louis, Missouri.*

### **Innovation With One Purpose: Training 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 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 and regional aircraft are located in Amsterdam, Netherlands; Atlanta, Georgia; Cincinnati, Ohio; Dallas, Texas; Denver, Colorado; Exeter, UK; Houston, Texas; Paris-Le Bourget, France; Salt Lake City, Utah; and St. Louis, Missouri.

*\*Dry Lease only*

# Embraer E-Jets Series and Lineage 1000 Training Program Highlights

- Embraer 170/190 simulators and training programs are located at strategic sites around the globe. We recognize individual needs and adjust our approach to provide the most successful and enjoyable training environment in the industry.
- We have incorporated Graphical Flight-deck Simulator (GFS) training into the Embraer E-Jets and Lineage 1000 pilot training programs. The GFS leverages our exclusive MATRIX system technology, providing real-time and interactive simulation during ground training which is proven to enhance your overall learning experience.
- Our Embraer E-Jets Series program includes training for the Embraer 170, 175, 190 and 195.
- Our Embraer E-Jets Series and Lineage 1000 program includes integrated differences between models.
- We offer dry lease and instructor-led training at multiple locations worldwide.
- Customized training programs are available to meet specific training needs.

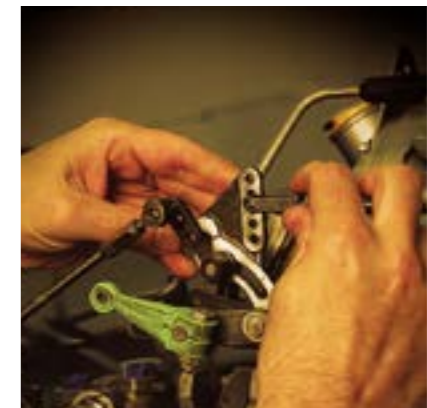
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# Embraer E-Jets Series and Lineage 1000 Training Program Highlights

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- Get a head start on your training with pre-course study materials available in FlightBag. Download our application and gain access to classroom training materials wherever you are from any device. Materials are updated automatically as new information becomes available, yet it keeps all of your previous notes. Our new FlightBag application puts all these resources at your fingertips.
- A wide variety of specialty and enrichment training is available through our eLearning and LiveLearning courses.
- Advance your career while enhancing safety and improving dispatch reliability with FlightSafety's Maintenance training for the Embraer E-Jet series and Lineage 1000. Courses include Initial/Update and Engine Run & Taxi.
- Training courseware and training devices for the Embraer E-Jet Series were developed in conjunction with Embraer.
- Flight attendants, pilots and maintenance technicians can take advantage of our general emergency and familiarization training.



# 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
Amsterdam (170/190)	2007	D	EASA, CAAC	Honeywell Primus Epic	EGPWS, TCAS II, CAT II/III, A/B, CPDLC, Steep APP/CLB/H GS (Single HUD)	Tropos 6000	N/A
Cincinnati (170)	2012	D	FAA	Honeywell Primus Epic	EGPWS, TCAS II, FMS, CAT II	VITAL 1100	SimVu
Cincinnati (170)	2016	D	FAA	Honeywell Primus Epic	EGPWS, TCAS II, FMS, CAT II	VITAL 1100	SimVu
Denver (170)	2014	D	FAA	Honeywell Primus Epic	EGPWS, TCAS II, FMS, CAT II	VITAL 1100	SimVu
Denver (170)	2015	D	FAA	Honeywell Primus Epic	EGPWS, TCAS II, FMS, CAT II	VITAL 1100	SimVu
Exeter (170/190)	2008	D	EASA	Honeywell Primus Epic	EGPWS, TCAS II, FMS, CAT II/III A/B, HGS (Single HUD)	VITAL X	
Paris (170)	2006	D	FAA, EASA, ANAC	Honeywell Primus Epic	EGPWS, TCAS II, FMS, CAT I/CAT II, CPDLC, Steep APP/CLB	VITAL IX	SimVu

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## Simulator Profiles

Location	Year Built	Sim Level	Approvals	Avionics	Additional Equipment	Visual System	Debriefing System
St. Louis (170)	2006	D	FAA, MDGAC	Honeywell Primus Epic	EGPWS, TCAS II, FMS, CAT II	VITAL IX	SimVu
St. Louis (170/190)	2006	D	FAA, MDGAC (190-ANAC) (170-TC)	Honeywell Primus Epic	EGPWS, TCAS II, FMS, CAT II	VITAL 1100	SimVu
St. Louis (170)	2006	D	FAA, MDGAC	Honeywell Primus Epic	EGPWS, TCAS II, FMS, CAT II	VITAL X	SimVu
St. Louis (170)	2013	D	FAA, ANAC	Honeywell Primus Epic	EGPWS, TCAS II, FMS, CAT II	VITAL 1100	SimVu
St. Louis (170)	2013	D	FAA, ANAC	Honeywell Primus Epic	EGPWS, TCAS II, FMS, CAT II	VITAL 1100	SimVu
St. Louis (170)	2014	D	FAA	Honeywell Primus Epic	EGPWS, TCAS II, FMS, CAT II	VITAL 1100	SimVu
St. Louis (170)	2015	D	FAA	Honeywell Primus Epic	EGPWS, TCAS II, FMS, CAT II	VITAL 1100	SimVu
Salt Lake City (170)	2003	D	FAA	Honeywell Primus Epic	EGPWS, TCAS II, FMS, CAT II	VITAL 1100	SimVu

## Program Details

Location	Instructor-Led Training	Dry Lease Simulator Available	Ground School Software	High-Tech Classroom	GFS, CPT
Amsterdam	Yes	Yes	N/A	N/A	N/A
Cincinnati	No	Yes	N/A	N/A	GFS
Denver	No	Yes	N/A	N/A	GFS
Exeter	No	Yes	N/A	N/A	N/A
Paris	Yes	Yes	PowerPoint, DTS, FMS Lab	Yes	GFS, CPT
Salt Lake City	No	Yes	N/A	N/A	GFS
St. Louis	Yes	Yes	PowerPoint, FMS Lab, MATRIX	Yes	GFS, CPT



# 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 170/190/Lineage 1000 Pilot Training

COURSE CURRICULUM	INITIAL	RECURRENT	PRIOR EXPERIENCE
COURSE MODULE	24 DAYS	5 DAYS	8 DAYS
Ground School	68.0 hours	16.0 hours	16.0 hours
Systems Integration Training	12.0 hours	1.0 hours	1.0 hours
Briefing/Debriefing	10.5 hours	3.0 hours	4.0 hours
Simulator (Pilot Flying)	14.0 hours	6.0 hours	12.0 hours
Simulator (Pilot Monitoring)	N/A	N/A	3.0 hours

**Simulator Training** – Both Pilot Flying and Pilot Monitoring time is available if training as a crew. The total simulator hours in an Initial course will be 28, in a Prior Experience course 16 hours, and in a Recurrent course 12 hours, when training as a crew.

**Type Rating Prerequisites** – As a minimum, pilots must possess a multi-engine and instrument rating with 1,000 hours total time for the ERJ 170/190 Type Rating.

**ATP Prerequisites** – FlightSafety is able to administer Airline Transport Certificate (ATP) Checks during the Pilot Initial and Prior Experience Course. To qualify, pilots must meet the requirements of 14 CFR Part 61.153 through 61.159.

**Prior Experience Course** – This course is designed for pilots who are seeking an additional type rating (Single Pilot or Crew), the addition of an ATP, or for those pilots who have been flying the aircraft as SIC and want to obtain a type rating. All Prior Experience Courses are scheduled on request and course prerequisites may apply. Please contact the Learning Center for specific details.

**Second Crewmember Rate** – Pilot training that requires FlightSafety to provide a second crewmember will be charged an additional hourly rate per simulator hour.

**Maintenance Training** – Maintenance Training is also available for this aircraft.

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

### Amsterdam, Netherlands

+312.356.71605

### Paris-Le Bourget, France

+33.1.49.92.1919

fax +33.1.49.92.1892

paris@flightsafety.com

### St. Louis, Missouri

800.258.4351 • 314.442.3300

fax 314.442.3355

stlouis@flightsafety.com

# Embraer 170/190 Maintenance Training

COURSE CURRICULUM	DAYS	HOURS
Mechanical Initial Theory	15 days	110.00 hours
Avionics Initial Theory	5 days	35.00 hours
Update	5 days	36.00 hours
Familiarization	5 days	38.00 hours
Engine Run & Taxi	1 day	7.20 hours

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

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

**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, Norway, South Africa, the Netherlands and the United Kingdom.

## ThinkSafety®

FlightSafety International

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