

# Bell 407GXP

*Professional Simulation-Based Training*





Experienced  
Instructors,  
FS1000  
Level D  
Qualified  
Simulator

*FlightSafety offers comprehensive simulation-based training for Bell 407GXP helicopters at a new helicopter training facility in Denver, Colorado. Training – the world’s first full flight simulation for the single-engine market – takes place on a new FS1000 Level D simulator, designed and built by FlightSafety. Our highly qualified and experienced instructors, exclusive advanced-technology and integrated training systems help ensure proficiency and safety. Training is designed to meet the professional training needs of all Bell 407GXP operators, offering pilots the resources to attain proficiency and qualification.*

### **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.

# Bell 407GXP Training Program Highlights

- This is the world's first Bell 407GXP full flight simulator, bringing simulation training – an essential component of pilot training in every other segment of aviation – to 407GXP operators.
- Our Level D simulators allow night-vision goggle training for high-fidelity, low-light training scenarios.
- Using our high-fidelity graphics package, simulators feature special visual scenes and effects to give operators the most relevant training available.
- Simulation training can incorporate photo-realistic scenes such as urban landscapes, offshore oil rigs, and brownout and whiteout conditions.
- FlightSafety helped pioneer Federal Aviation Administration Level D full flight simulation for helicopters.
- Mission-specific training tailors scenarios to your particular operation, including parapublic and air medical as well as offshore and executive transport.
- A new National Transportation Safety Board guidance for airborne law enforcement specifically recommends integrating simulation-based training, especially to train for Inadvertent IMC events. FlightSafety's training stresses the singular importance of IIMC avoidance and survival training – instruction that can only be effectively taught in a simulator.



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# Bell 407GXP Training Program Highlights

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- Our full flight simulators meet a wide range of training objectives that can't be met in flight training devices and exceed the training parameters possible in aircraft-based instruction.
- Bell 407GXP training courses:
  - Initial and recurrent pilot
  - Night Vision Goggle
  - Inadvertent IMC survival and avoidance
  - Patrol and surveillance mission profiles
  - Pilot and Tactical Flight Officer (TFO) crew training
- FlightSafety's new Master Aviator Program is available to Bell 407GXP operators. This program builds on your proven flying abilities with challenging training that expands your skills and prepares you to react correctly to a broad range of demanding and unexpected situations.
- FlightSafety's exclusive Advanced Pilot Courses, now available to Bell 407GXP operators, are based on analysis of actual incidents and help develop solid flying skills, swift and accurate decisions and precise crew communication. These courses include:
  - Advanced Helicopter Crew Resource Management (CRM)
  - Advanced Helicopter Surviving Inadvertent Instrument Meteorological Conditions (IMC)



## FlightSafety Teams With Air Methods on New Helicopter Learning Center

Training is offered at our new helicopter Learning Center of excellence in Denver, Colorado – being built in response to a comprehensive long-term training agreement with Air Methods, the global leader in air medical transportation. The center includes four Level D full flight simulators, including the Bell 407GXP device. The facility opened in December of 2016. Air Methods is setting a new standard for helicopter safety by specifying Level D qualified simulation-based training for pilots of both single- and twin-engine helicopters.

The Learning Center is equipped with Level D simulators for the Bell 407GXP, and Airbus Helicopters AS350 B3, EC130 T2 and H135. The Airbus Helicopters H135 simulator has been in use at FlightSafety's Dallas Learning Center and was the first simulator installed in Denver. The EC130 T2 simulator will enter service once FlightSafety completes the design, development and manufacture of the simulator. The Center will also offer classrooms and a full complement of Customer service areas. It has been built to accommodate additional full flight simulators as required.

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FlightSafety's new FS1000 Level D qualified full flight simulator.

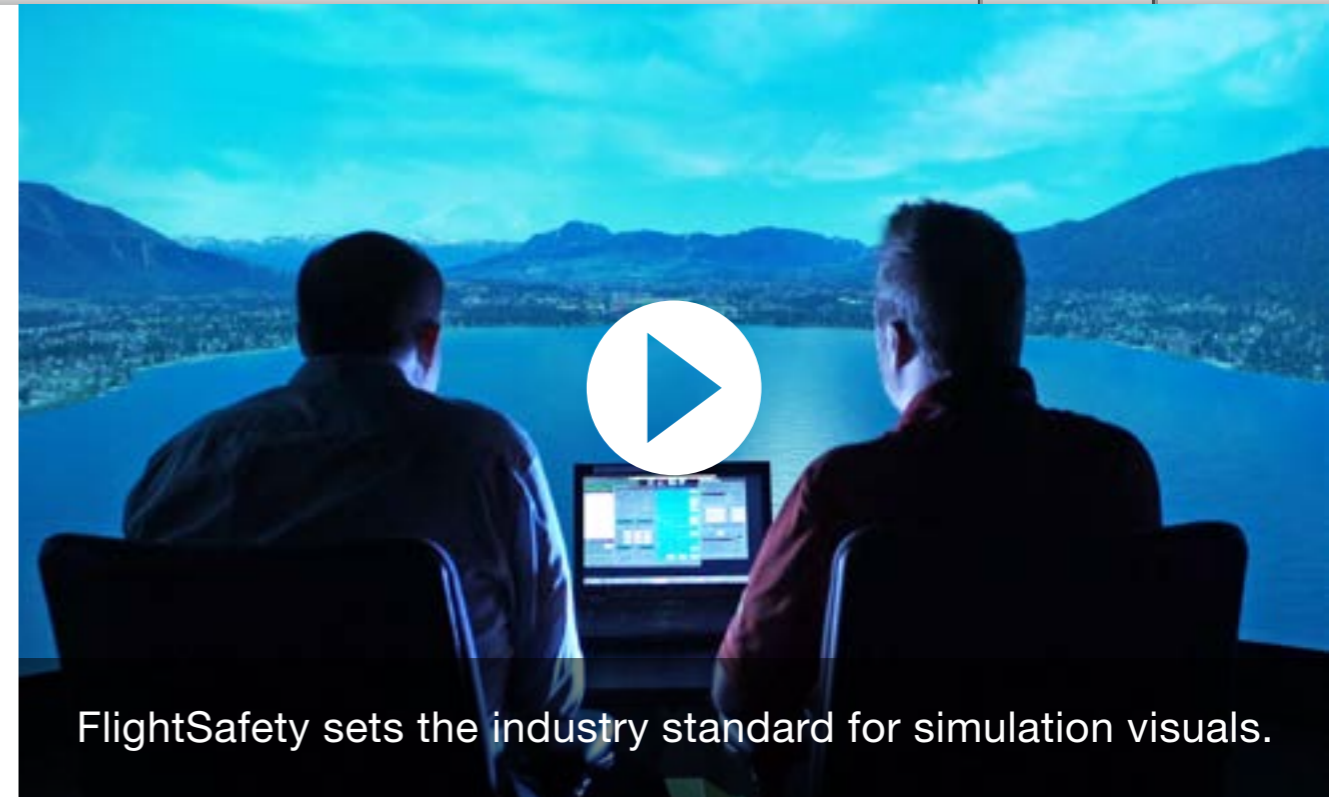
### **VITAL 1100 + CrewView = Unprecedented Fidelity**

The new Bell 407GXP simulator is equipped with FlightSafety's industry-leading VITAL 1100 visual system and CrewView glass mirror displays and 60-inch electric motion base. The unprecedented fidelity and levels of detail offered by the VITAL 1100 visual system significantly enhance training by providing highly detailed mission-specific imagery with vastly improved scene content and exceptional environmental effects. VITAL 1100 provides system resolutions that are over 12 million pixels for a typical three-channel out-the-window field of view of 200 degrees horizontally. This increase in resolution offers a substantial improvement in visual acuity.

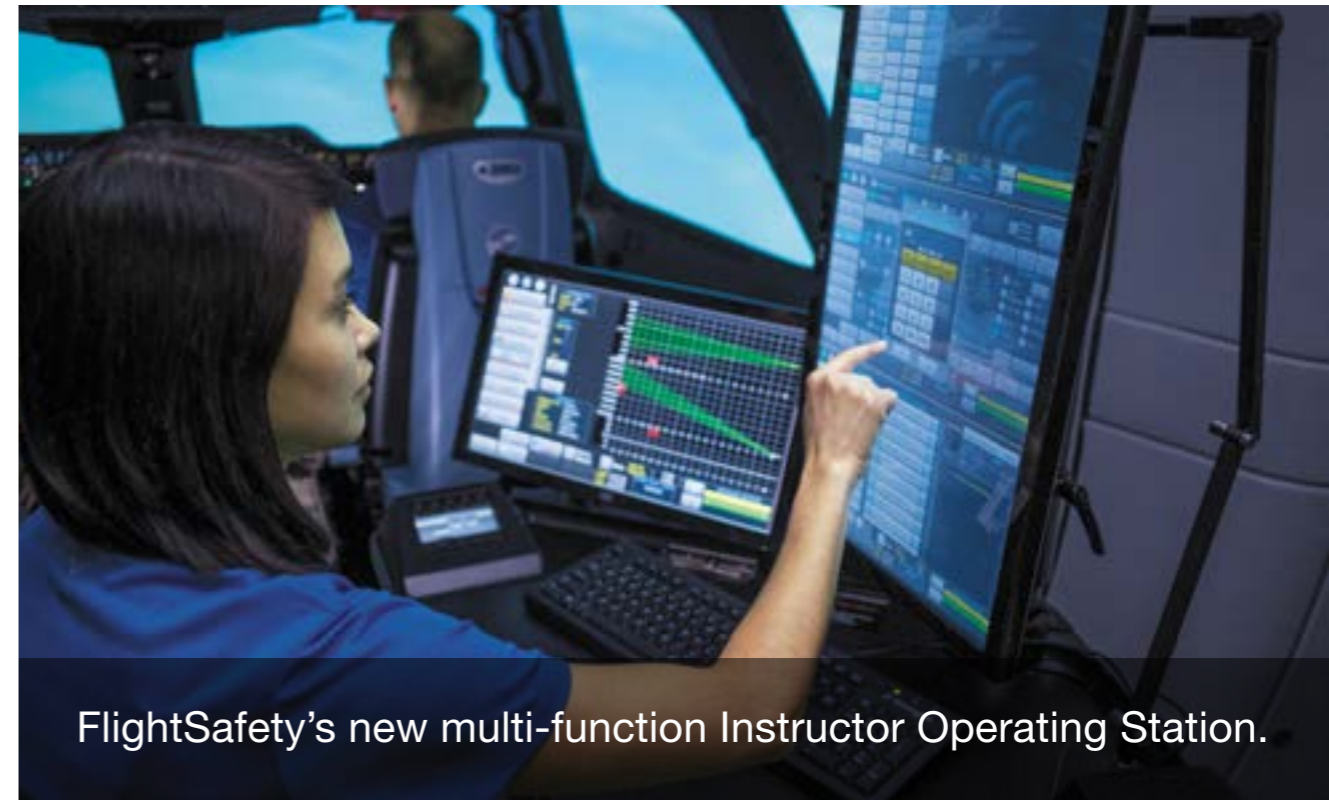
### **Multi-Function Instructor Operating Station**

FlightSafety's FS1000 simulators feature tightly integrated computer hardware and software across subsystems that allow for more accurate and higher fidelity simulation. It offers the latest multi-core 64-bit architecture and the supporting real-time tools. The FS1000 also features FlightSafety's all new multi-function Instructor Operating Station designed to enhance the effectiveness of training by providing instructors with a highly productive and efficient workspace equipped with an intuitive interface, scalable graphics, and large multi-touch displays.

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FlightSafety sets the industry standard for simulation visuals.



FlightSafety's new multi-function Instructor Operating Station.

## THE SIMULATION-BASED TRAINING ADVANTAGE

If you're still using your aircraft for training, it's time to reconsider. As airlines and corporate flight departments have known for decades, there simply is no substitute for simulation-based training. And now, taking direct and indirect costs into account, FlightSafety helicopter simulation training can save you money compared with in-flight training.

**No Comparison** Compared with simulation-based training, in-aircraft training has few advantages and many drawbacks.

- Exposes your crews to unnecessary risk
- Takes your aircraft out of revenue service
- Discourages repetition to build proficiency
- Adds wear and tear to your aircraft
- Requires pretend scenarios with imagined outcomes
- Precludes training in adverse weather or other challenging situations

**The More Effective Alternative** FlightSafety simulation-based training overcomes these shortcomings. More thorough and comprehensive, it allows crews to review and practice normal, abnormal and emergency procedures. A broad range of scenarios replicate virtually any possible situation, in every conceivable weather and environmental condition. Realistic scenarios require pilots to develop the right decisions, driving home the need to understand and follow emergency procedures. It's as important to know that certain actions take priority during a crisis as it is to make the right call when the real-life situation is deteriorating by the second.

**Save Your Aircraft for Your Mission** FlightSafety simulation-based training is the most effective helicopter training available. Use your aircraft for its intended mission and avoid the risk of training accidents.





# 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.





**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®

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