

# Bell 407 Series

*Professional Simulation-Based Training*





Experienced  
Instructors,  
Superior  
Training  
Technology

*FlightSafety offers comprehensive professional simulation-based training on the Bell 407 Series helicopter. Our highly qualified and experienced instructors, pioneering advanced-technology flight training device – qualified to Level 7 by the FAA – and integrated training systems help ensure proficiency and safety. We designed our Bell 407 training, available at our Learning Center in Lafayette, Louisiana, to meet the professional training needs of all Bell 407 operators, offering pilots and crew the resources to achieve proficiency and safety.*

### **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.

# Bell 407 Series Training Program Highlights

- We offer Bell 407 instruction on a flight training device (FTD) qualified to Level 7 by the FAA, bringing new realism and cost-effective options to your training. We pioneered and exclusively offer Level 7 training technology.
- Using our high-fidelity graphics package, our FTD features special visual scenes and effects to give Bell 407 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.
- Scenario-based training includes prevention of CFIT accidents, high-density altitude training, realistic VMC to IMC with deteriorating conditions and confined landing sites.

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# Bell 407 Series Training Program Highlights

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- Initial and recurrent training both emphasize skills and strategies essential to surviving inadvertent IMC.
- Scenario-based lesson plans developed by experienced Bell 407 pilots.
- Our stand-alone Surviving Inadvertent IMC course gives you the tools you need to react appropriately in the first critical moments when you encounter unexpected weather conditions, as well as successful strategies to ensure that flights conform to plan and don't exceed pilot or equipment limitations.
- FlightSafety helped pioneer Federal Aviation Administration Level D full flight simulation for helicopters, and we're helping to pioneer the next revolution in helicopter training with Level 7 flight training device simulation.



# The Simulation-Based Training Advantage

If you're not taking advantage of FlightSafety's Bell 407 simulation-based training, or if you're still using your valuable aircraft for training, it's time to reconsider. As airlines and corporate fixed-wing 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 simulation training can save you money compared with in-flight training.

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

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



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# The Simulation-Based Training Advantage (continued from previous page)

**The More Effective Alternative** – FlightSafety simulation-based training overcomes these shortcomings. Vastly more thorough and comprehensive, it allows crews to review and practice both normal and – much more importantly – abnormal and emergency procedures. A broad range of scenarios replicate virtually any possible situation, in every conceivable weather and environmental condition. Realistic scenarios force pilots to make split-second decisions, driving home the critical need to understand and follow emergency procedures. It's one thing to know that certain actions take priority during a crisis and quite another to make the right call when the situation is deteriorating by the second.

**Level 7: NextGen Simulation Training** – Bell 407 training employs our exclusive, groundbreaking Level 7 flight training device, which represents a significant advance in instructional technology. This device more closely resembles a full flight simulator without the motion base than it does earlier-generation FTDs. The difference

can easily be seen in the certification process. To qualify a Level 6 device, the Federal Aviation Administration looks at about 65 areas of compliance. For a Level 7 device, the FAA examines 138 areas.

**Increased Training Flexibility** – Our new training device offers a great deal more operational flexibility – such as simulating loss of tail rotor effectiveness or auto-rotation – than earlier generation FTDs. It's also fully compatible with night-vision goggles, a major advantage for crews that regularly fly at night.

**Save Your Aircraft for Paying Customers** – FlightSafety simulation-based training is the most effective, and the most cost-effective training available. Use your aircraft to generate revenue. Avoid the risk of training accidents. Take advantage of the superior effectiveness of simulation 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.



# 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 one 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 1,400 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.

# Bell 407 Pilot Training

COURSE CURRICULUM	INITIAL	RECURRENT
COURSE MODULE	5 DAYS	3 OR 4 DAYS
Ground School	18.5 hours	9.0 hours
Systems Integration Training	1.0 hours	0.5 hours
Briefing/Debriefing	4.0 hours	3.0 hours
Flight Training Device	6.0 hours	4.5 hours

**Systems Integration Training** – This segment provides the pilot with the skills to operate the aircraft, integrate the theory delivered in the ground school, and applies those skills to the operation of the aircraft-specific equipment.

**Prerequisite for Initial Course** – A pilot may enroll in the 61.56 Biennial Flight Review Initial Equipment curriculum if that person:

1. Holds at least a Private Pilot's Certificate with appropriate category and class ratings, or military/foreign equivalent.
2. Meets the takeoff and landing requirements of 61.57 (a) or (b).

**Prerequisite for Recurrent Course** – A pilot may enroll in the 61.56 Biennial Flight Review Recurrent curriculum if that person:

1. Holds at least a Private Pilot's Certificate with appropriate category and class ratings, or military/foreign equivalent.
2. Has completed a Biennial Flight Review/Initial Equipment Training or has at least 100 hours of flight time in the Bell 407 aircraft of which 25 hours have been in the preceding 12 calendar months.
3. Meets the takeoff and landing requirements of 61.57 (a) or (b).

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

**Lafayette, Louisiana**

866.961.3864 • 337.408.2900

fax 337.408.2952

[lafayette@flightsafety.com](mailto:lafayette@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 a million hours of training each year to pilots, technicians and other aviation professionals from 154 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, South Africa, the Netherlands and the United Kingdom.

## ThinkSafety®

FlightSafety International  
Marine Air Terminal • LaGuardia Airport  
New York, NY 11371  
718.565.4100 • 800.877.5343  
flightsafety.com