Professional Simulation-Based Training

For Airbus Helicopters
AS350 B3 and EC130 T2
FlightSafety now offers comprehensive simulation-based training for Airbus Helicopters AS350 B3 at a new helicopter training facility in Denver, Colorado. Training 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 training needs of all AS350 B3 operators, offering pilots the resources to attain proficiency and qualification. In addition, we have installed a FlightSafety Level D full flight simulator for Airbus Helicopters EC130 T2 training at the center.

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

Our highly qualified and experienced instructors, advanced-technology flight simulators and integrated training systems help ensure proficiency. Aviation professionals leverage decades of instruction knowledge and manufacturing expertise for an unmatched training environment.
Program Highlights

• Our Level D simulator allows night-vision goggle training for high-fidelity, low-light training scenarios.

• Using our high-fidelity graphics package, the simulator features 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.

• These are the world’s first Level D qualified full flight simulators for AS350 B3 and EC130 T2, bringing simulation training – an essential component of pilot training in every other segment of aviation – to AS350 B3 and EC130 T2 operators.

• Mission-specific training tailors scenarios to your particular operation, including parapublic and air medical as well as offshore and executive transport.

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Program Highlights

• 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.

• 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.

• FlightSafety training courses for AS350 B3:
  – 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
  – Mission-specific training tailors scenarios to your particular operation, including parapublic and air medical as well as offshore and executive transport

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Program Highlights

• FlightSafety’s new Master Aviator Program is available to Airbus Helicopters AS350 B3 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 Airbus Helicopters AS350 B3 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: Level D Qualified Simulators

Our new simulators for the Airbus Helicopters AS350 B3 and EC130 T2 at our new helicopter Learning Center of excellence in Denver, Colorado, are among the first in the world to bring Level D training to single-engine helicopter operators.

The Learning Center also features a Level D simulator for the Airbus Helicopters H135. That simulator has been in use at FlightSafety’s Dallas Learning Center and was the first installed and certified simulator in Denver.

The newly designed and manufactured Airbus Helicopters EC130 T2 single-engine simulator is ready for training. The Center also offers classrooms and a full complement of Customer service areas.

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

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VITAL 1100 + CrewView = Unprecedented Fidelity

The new simulators will be 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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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 training available. Use your aircraft for its intended mission and avoid the risk of training accidents.
### Simulator Profiles for Airbus Helicopters AS350 B3 Training

<table>
<thead>
<tr>
<th>Location</th>
<th>Sim Level</th>
<th>Visual System</th>
<th>Approvals</th>
<th>Avionics</th>
<th>Additional Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denver</td>
<td>D</td>
<td>VITAL 1100, Glass Mirror</td>
<td>FAA</td>
<td>Two Garmin 430W, One GMX-200, TDFM 9100, GTX-330 Transponder, MK-XXI EGPWS Computer, 7100D 11 Communications Panel</td>
<td>N/A</td>
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</table>

### Program Details for Airbus Helicopters AS350 B3 Training

<table>
<thead>
<tr>
<th>Location</th>
<th>Instructor-Led Training</th>
<th>Dry Lease Simulator Available</th>
<th>Other Equipment</th>
</tr>
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<tbody>
<tr>
<td>Denver</td>
<td>Yes</td>
<td>No</td>
<td>NVG Training Available</td>
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<tr>
<td>Shreveport</td>
<td>No</td>
<td>Yes</td>
<td>N/A</td>
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</tbody>
</table>
## Simulator Profiles for Airbus Helicopters EC130 T2 Training

<table>
<thead>
<tr>
<th>Location</th>
<th>Sim Level</th>
<th>Visual System</th>
<th>Approvals</th>
<th>Avionics</th>
<th>Additional Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denver</td>
<td>D</td>
<td>VITAL 1100, Glass Mirror</td>
<td>FAA</td>
<td>Garmin 500H Electronic Flight Display, TDFM 9100, Garmin 750 and Garmin 650 for VOR/ILS/GPS/WAAS/LPV, AA 95-1000 Audio Control Panel, GMX 200 for Weather, GTX-33H Transponder</td>
<td>EGPWS provided by the Garmin 750, TCAS is provided by the GTS 800, HeliSas Autopilot System</td>
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## Program Details for Airbus Helicopters EC130 T2 Training

<table>
<thead>
<tr>
<th>Location</th>
<th>Instructor-Led Training</th>
<th>Dry Lease Simulator Available</th>
<th>Other Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denver</td>
<td>Yes</td>
<td>Yes</td>
<td>NVG Compatible</td>
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Airbus Helicopters AS350 B3 Pilot Training

<table>
<thead>
<tr>
<th>COURSE CURRICULUM</th>
<th>INITIAL</th>
<th>PRIOR EXPERIENCE</th>
<th>RECURRENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>COURSE MODULE</td>
<td>5 OR 6 DAYS</td>
<td>4 OR 5 DAYS</td>
<td>3 OR 4 DAYS</td>
</tr>
<tr>
<td>Ground School</td>
<td>20.0 hours</td>
<td>9.0 hours</td>
<td>9.0 hours</td>
</tr>
<tr>
<td>Briefing/Debriefing</td>
<td>4.0 hours</td>
<td>4.5 hours</td>
<td>3.0 hours</td>
</tr>
<tr>
<td>Simulator (Pilot Flying)</td>
<td>8.0 hours</td>
<td>9.0 hours</td>
<td>6.0 hours</td>
</tr>
</tbody>
</table>

These courses are designed to provide pilots with the academic and practical “Hands–On” training required to attain Pilot-in-Command (PIC) qualification in the Airbus Helicopters Model AS350B3 2B1.

**Simulator Training** – Simulator sessions are 1.5 to 2.0 hours each, during which each maneuver, or procedure, is demonstrated and practiced to proficiency. The pilot has the opportunity to practice a variety of normal and malfunction/emergency procedures. As pilot’s background and job requirements vary, each pilot will be trained in the environment most closely approximating his or her job requirements.

**Differences Training** – Training available when accompanied by a full course curriculum for Initial Pilot, Prior Experience or Recurrent; training available for AS350B32B1 to AS350B3e and AS350B32B1 to AS350B2. Initial Differences includes four (4) hours of ground school and the Recurrent Differences includes two (2) hours of ground school.

**ATP Prerequisites** – FlightSafety is able to administer Airline Transport Certificate (ATP) Checks for an additional charge during the 61.157 Pilot Initial and Prior Experience Course. To qualify, pilots must meet the requirements of 14 CFR Part 61.155 through 61.159.

**Prior Experience** – Satisfies the requirements to add an ATP in accordance with 61.157.

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

**Denver, Colorado**
720.512.5700
sales@flightsafety.com
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 2,000 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.*