



**AW TEAM UP**  
EXCELLING TOGETHER

## LEONARDO TRAINING AW139/AW169/AW189 - AW FAMILY

At Leonardo Training Academy we are fully committed to provide training solutions which enhance safety and operational effectiveness.

Customer satisfaction is the target of our activities and we are constantly looking for innovative methodologies to maximise Customers' crews learning experience through our first class instructional staff and our state of the art learning technology.

Our worldwide training approach is taught in 4 domestic training academies and a wide, expanding range of training partnership.

Training for the AW139, AW169 and AW189 is delivered in our Training Academy in Italy and our satellites in UK, USA and Malaysia.

Leonardo Training Academy employs large amounts of resources that ensures our training is at unmatched level of service and quality.

Our wide range of Operational Training provides Customers' crews with superior skills and to be prepared for their day to day missions.

### AW FAMILY PILOT TRAINING

Pilots, maintenance technicians, HUMS specialists and rear crew who are going to operate and support the AW 139, AW169 and AW189 will benefit of the highly qualified and experienced instructors, a comprehensive training programme and a Learning Content Management System (LCMS) training solution based on Instructional System Design approach. Training is continually updated to match Aircraft evolution, one of the key factors that only the OEM can guarantee.

Pilot training is designed around our wide range of Full Flight Simulators.

AW139, AW169 and AW 189 Level D Full Flight Simulators are available in Italy at our main Training Academy.

A second AW 189 Level D Full Flight Simulator (FFS) is in Aberdeen and additional AW 139 Level D Full Flight Simulators are available in our US and Malaysia Academies.

Further Flight Simulators are available through our Authorized Training Centres network around the world. One of the main benefits offered by FFS training is the option to operate with different types of Visual System (either collimated or direct projection), NVG capability

and a wide range of mission scenarios, including Off Shore, Search and Rescue, Emergency Medical Services and Law Enforcement. The simulators are provided with a CAE visual system with high-definition commercial off-the-shelf projectors, electrical motion system and direct projection dome with full chin window coverage and high-resolution databases tailored to helicopter training operations.

The FFS are also equipped with the helicopter's advanced systems and replicate full flight parameters in all approved conditions, supported by the latest technology such as the digital Automatic Flight Control System, Flight Management System and Cockpit Display System. The FFS are designed to be constantly updated through new kits and features following the implementation of the Aircraft production and reproduce the latest certified avionics standards. Training for the AW Family is delivered via the LCMS training platform, which balances distance learning and touchscreen-based Virtual Interactive Procedural Trainers for instructor-led and blended learning. The VIPT shares most of the software applications with the FFS to run realistic procedures, drills and malfunctions, providing the crews with excellent preparation.

A number of company owned AW139, AW169 and AW189 Aircrafts are used to complete the Live Flight after the Simulator session. That allows the highest course efficiency and safety standards of Training, making Leonardo Training Academy experience even more unique to the Customer.

Leonardo Training Academy has developed additional courses to supplement the preparation for Type Ratings including glass cockpit transition courses through the use of interactive trainers and with embedded Human Factors, Crew Resource Management and Automation concepts.

## AW FAMILY MAINTENANCE TRAINING

Leonardo Training Academy offers full maintenance training for the AW139, AW 169 and AW 189, as well as the aircraft's Engine, through the use of instructor-led and Maintenance Training Simulators to maximise training effectiveness and to enhance the Engineers' skills. Leonardo Training Academy is market leader in applying High Technology training tools to Maintenance Training courses. The state of the art technology that the company applies to its courses guarantees safety and effectiveness at the maximum level. The latest developments in our Maintenance Training involve two practical elements which have been engineered in-house, namely the AW Full Maintenance Training Simulator (MTS) and the AW Virtual Maintenance Trainer (VMT), both with the aim of providing highly specialized, effective and competence-oriented training. The AW Full Maintenance Training Simulator completes the set of advanced training tools which make training just as effective as a real work environment; as a matter of fact training replicates real faults. The knowledge acquired is further refined and brought to a level of excellence by practicing maintenance tasks, adjustment and troubleshooting, and fulfilling servicing and inspections on a device which is a fully real aircraft with real parts, well away from low cost task simulators or mock ups and scale trainers.

Practical training provided through MTS is further performed using all the tools and GSE provided for aircraft maintenance. All Training Academies belonging to the Leonardo Training Academy network offer distance pre-learning for most courses, with information available through the Online Training Academy.

## OPERATIONAL TRAINING FOR ALL YOUR MISSIONS:

When you operate AW models, whatever your mission is, Leonardo Training Academy has the right course to prepare your crew.

Our Operational training offer includes the following courses:

- category "a" operations training courses
- oil and gas advanced training courses
- search and rescue advanced training courses
- law enforcement advanced training courses
- hems advanced training courses
- night vision imaging system training courses
- vip/executive transport advanced training courses

- helicopter hoist operation training courses
  - fast roping and rappelling training courses
  - mission console operation training courses
  - forward looking infrared training courses
  - cargo hook training courses
  - medical crewmember training courses
  - rescue-man and rescue-swimmer training courses
- The courses above mentioned are only a snapshot of Leonardo's capabilities.
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Please contact our Training Account Manager to discuss contents, scheduling and pricing at the following web address:  
<http://www.leonardocompany.com/customer-support/elicotteri-helicopter/support/directory>



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