



## Catalogue Training Services

AgustaWestland Products

 **LEONARDO**  
HELICOPTERS

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## FOREWORD



# FOREWORD

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Safety and professionalism have always been the Leonardo Helicopters' priority. As the AgustaWestland Helicopter Product Original Equipment Manufacturer (OEM), our mission is to provide outstanding flight and maintenance training enabling our customers to achieve the highest level of safety and efficiency in the operation and maintenance of their helicopters. We integrate proven expertise from other similar projects to enhance and tailor the Training Content to the customers' actual needs. The offered training solutions use a combination of tried and tested sub-systems.

Featuring the latest synthetic training devices combined with a comprehensive program of training courses for air crew, rear crew, ground crew and maintainers, the Leonardo Helicopters, acting through its Training Academy, is confident that the proposed approach will provide a reliable and efficient system. The available courses range from basic training for unskilled personnel to specialised training for skilled personnel.

We are a World leader in Rotary Wing Ab-Initio, Type and Role Conversion Training, with over 50 years' experience of delivering high quality training to aircrew and technicians, Leonardo Helicopters has a training capability underpinned by four Training Academies: Sesto Calende in Italy, Yeovil in the UK, Philadelphia in the United States and in Kuala Lumpur, Malaysia.

Leonardo Helicopters is proud to work in partnership with some of the world's leading training and defense companies to deliver effective training solutions deployed around the world. This includes our partnerships with CAE (Canada), Rotorsim (Italy and USA), PWNE (Malaysia) and SAT (Switzerland).

Leonardo Training Academy – "A. Marchetti"  
Via Indipendenza, 2  
21018 Sesto Calende (VA) – Italy



# LEONARDO TRAINING ACADEMIES



# LEONARDO TRAINING ACADEMY - ITALY

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The Leonardo Training Academy 'A. Marchetti' is located in Sesto Calende - Italy, and is considered as a worldwide center of excellence for training. The Academy was officially opened in July 2006 and is located next to Lago Maggiore in Northern Italy, some 60 kilometers from Milan and just south of the Italian Alps that tower over the region. The Leonardo Training Academy is able to support all training needs of our Customers.

The Leonardo Training Academy boasts:

- 21 (twenty-one) dedicated classrooms equipped with whiteboards and projectors. Our multimedia solutions allow the utilisation of modular, Computer-Based Training (CBT) and computer aided instruction that can be linked to aircraft Interactive Electronic Technical Publications (IETPs).
- 1 (one) Flight Training Device (FTD) Level 3 and 1 (one) Full Flight Simulator (FFS) Level D for the AW109 helicopter series, able to cover several variants of the model through the use of four different cockpits (AW109E, AW109S, AW109N and AW109LUH); 2 (two) FFS Level D for the AW139, 1 (one) FFS Level D for the AW189, 1 (one) FTD for the AW169, and 1(one) FFS Level D for the AW169 .
- A number of Maintenance Training Simulators covering the entire AgustaWestland product line (AW119, AW109 Series, AW139, AW189 and AW169) can be used for practical skills acquisition.
- A number of different training devices, (Distance Learning, Computer Based Training, Virtual Interactive Procedural Training and Virtual Maintenance Trainer) are used to reinforce the training and improve the *training* experience (for details, please see Paragraph "Other Training Devices" below).

The Leonardo Training Academy is an Authorized Training Organization (ATO) approved by the Italian Authority in accordance with PART-FCL, which offers Theoretical Knowledge and Flying Training for ab-initio and experienced students and a Maintenance Training Organization (MTO) approved by the Italian Civil Aviation Authority in accordance with EASA Part – 147, which offers Basic Training and Maintenance Type Training for the entire AgustaWestland Product Range.

With the experience gained at the Leonardo Training Academy and in order to meet the increasing customers demand for training services close to the place of operation, Leonardo Helicopters has developed a training center network with facilities in the United Kingdom, Malaysia and USA.

# LEONARDO TRAINING ACADEMY - UK

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In the United Kingdom, the Leonardo Training Academy UK is located in Yeovil, Somerset, approximately 135 miles south-west of London and just 2 hours from Heathrow airport.

In addition to the delivery of courses specifically dedicated to military products (AW101, AW159, Lynx & Sea King) the Training Academy UK provides Instructional Design and Development services to support customers in the design and in the development of tailored training solutions to meet their specific training needs.

# LEONARDO TRAINING ACADEMY - USA

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In the USA, the Leonardo Training Academy located in Philadelphia provides ground and flight training for AW119, AW109 Series and AW139 products, while the synthetic training (with the use of one AW139 FFS Level D) is delivered in Morristown (New Jersey). The Academy is also an approved Air Transport of Canada facility.

The range of available courses will be expanded in the near future to cover new types, including the AW169 and AW189.

# LEONARDO TRAINING ACADEMY - MALAYSIA

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The Leonardo Training Academy in Kuala Lumpur, Malaysia offers a range of technical, logistic and training services for the AW109 Power and AW139 helicopters for the Eastern markets and expects to expand the range of courses available and to cover new types including the AW169 and AW189 in the future.

# SATELLITE CENTRES

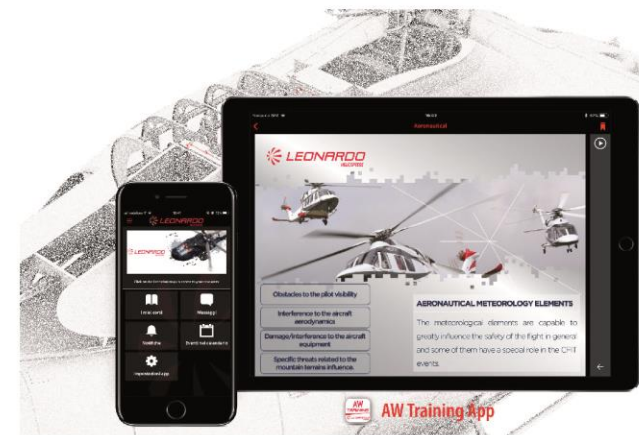
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With the partnership of PWN Malaysia, the Leonardo Training Academy is able to offer synthetic training on the AW139 model with the utilization of a FFS Level D located in Shah Alam (Malaysia) and in Europe with the partnership of Swiss Aviation Training (SAT), the Leonardo Training Academy is able to offer synthetic training on the AW109SP model with the utilization of a FFS Level B/FTD Level 3 located in Zurich (Switzerland).

All the facilities around the world have been recognised as Satellite Centers of the Leonardo Training Academy Italy and guarantee the same standards and practices, teaching methods and instructional materials as our major training hub.



# E-LEARNING



# E-LEARNING

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To support our courses, Leonardo Helicopters Training Academies utilise state of the art training aids such as:

- **E-Learning**, adapted for any desktop and portable devices, can be reached by using any web browser or the “AW Training” App (for details see Paragraph “APPS” here below). Students can take advantage of e-Learning training 24 hours a day, 7 days a week. Furthermore Instructor support is also available depending on the selected training course. The e-Learning course portfolio encompasses a wide range of training courses, from basic aeronautical concepts to Type Training subjects, including optional equipment and helicopter features. For those Students enrolled into a Type Training Course, completing the applicable e-Learning Type Training modules prior to entering the classroom provides them with a sound understanding of the basic information. This enables the time spent in the classroom to be focused on the more advanced subjects, thereby maximizing the benefits of the direct interaction with the instructors and the usage of advanced training aids.

The list of the courses available is constantly growing, here below some examples:

- Controlled Flight Into Terrain (CFIT)
- AW139 Familiarization
- AW139 Helicopter Terrain Awareness and Warning System (HTAWS)
- AW139 Primus EPIC® Phase 7
- AW139 Full Ice Protection System (FIPS)
- AW139 Passenger Briefing
- AW139 SAR Mode
- AW169 Cabin Management System e-Learning Briefing
- AW169 HTAWS - SVS
- AW189 Fire Safety Information
- AW189 RFM Charts (Limitations and Performances)
- AW189 Passenger Briefing
- AW189 Phase 4 Software Update
- AW189-AW169 HUMS
- Interactive Electronic Technical Publications (IETP)

Full list and information here: [https://academy.agustawestland.com/local/staticpage/view.php?page=AW\\_eLearningArea](https://academy.agustawestland.com/local/staticpage/view.php?page=AW_eLearningArea)

- **Distance Learning** (for AW139, AW169 and AW189 pilot courses) which covers the basic configuration of the helicopter. Our students can access advanced multimedia technology from their own facilities and arrive at the Training Academy with a good general knowledge of the aircraft model they will be trained on.

For AW139, 169 and AW189 Type Rating Ground Courses, the Distance Learning website will be automatically available one month before the scheduled classroom phase via our website in My Training Section / My Distance Learning (for further details, please see Paragraph “Leonardo Helicopters Account” here below).



## OTHER SERVICES



## OTHER SERVICES

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In the framework of the companywide “TeamUp” initiative, Leonardo Helicopters is continually reviewing its services and technologies in order to maximise their value:

**Skyflight Mobile** is the flight planning service that enhances the flying experience while operating with AgustaWestland products. In particular it supports AW189, AW169, AW139 and AW109.

Skyflight enables evaluating on ground all the aspects of the mission, guaranteeing thorough safety assessment and increasing the mission effectiveness. The AW Skyflight app enables the access to the service.

From anywhere, Customers receive information and calculations relevant to their mission, fully compliant with the Rotorcraft Flight Manual. Skyflight automatizes the daily operations to reduce the flight crew workload and their head-down time, to increase the pilot situational awareness and to optimise costs.

It has been designed and developed entirely by the Helicopters Division of Leonardo, by leveraging on its knowledge and experience. Its services and technologies are continuously updated in order to maximise the value and to enhance the Customer experience.

The AW Skyflight app is a free download from the Apple App Store. A subscription is required to use the app and to access to Skyflight.

For further information about our Skyflight Service please contact us at:  
[skyflight.support@leonardocompany.com](mailto:skyflight.support@leonardocompany.com)

## OTHER TRAINING DEVICES



# OTHER TRAINING DEVICES

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- **Virtual Interactive Procedural Trainers (VIPT)**, a cockpit trainer for the AW109SP, AW139, AW169 and AW189 models. These devices employ advanced graphical visualization techniques to simulate the helicopter cockpit in a virtual environment, where flight deck controls, equipment, systems and components are faithfully reproduced using graphics and touch screen technology.

The VIPT is a powerful, cost effective, familiarisation training tool in which pilots learn normal and emergency procedures through practical application. The system enables trainees to rapidly and efficiently familiarise themselves with cockpit controls and avionics, developing procedural proficiency in a highly cost effective manner.

- **Virtual Maintenance Trainers (VMT)** for the AW139/AW169/AW189 models have been designed to support maintenance technicians in obtaining the knowledge and skills required to maintain the helicopter through the correct application of maintenance procedures and in the troubleshooting analysis task to correctly diagnose faults.



# CERTIFICATIONS

## Certifications Training Academy "A. Marchetti"

www.finmeccanica.com/customer-support/elcotteri-helicopters/training-solutions/training-academy/academy-italy/Wt.ac-italy

Ref.	Organisation	Area	Authority	Approval N°	Issue Date	Details
01	TA	PTD	EASA	IT-ATO1002-nv-7	Jan-2018	<a href="#">+ view</a>
02	TA	PTD	OECA	045-ATO-010	Jan-2018	<a href="#">+ view</a>
03	TA	PTD	FAA	US480556A	Jan-2018	<a href="#">+ view</a>
04	TA	PTD	OMAN	ATO-A-0014	Aug-2015	<a href="#">+ view</a>
05	TA	MTD	EASA	IT-147-0002-nv-7	Jan-2018	<a href="#">+ view</a>
06	TA	MTD	TCCA	TC 2006-06-7340 TC 2006-06-7340 TC 2006-07-7385 TC 2006-07-7385 TC 2006-07-7385 TC 2006-07-7385 TC 2006-07-7385 TC 2006-07-7385	Jun-11-2012	<a href="#">+ view</a>
07	TA	MTD	CASA	CASA-107 MTO-0007	May-19-2015	<a href="#">+ view</a>
08	TA	MTD	DAA	950	Dec-7-2012	<a href="#">+ view</a>
09	TA	MTD	CAAC	C-147-000002	Jan-20-2016	<a href="#">+ view</a>
10	TA	MTD	CCAA	340-IT	Nov-24-2014	<a href="#">+ view</a>
11	TA	MTD	CCAA	UAE-CMI UAE-CMI	Jan-2-2015	<a href="#">+ view</a>
12	TA	PTD	ANAC	053-ANAC SP03075	May-19-2015	<a href="#">+ view</a>

• Rotorsim Certificates  
• Other Operators Certificates

EASA

TCCA

DAA

ENAC

CAAC

CASA

QCCA

GCAA

FAA

ANAC

# CERTIFICATIONS

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The Leonardo Training Academy Italy is an Approved Training Organisation (ATO) in accordance with EASA Part – ORA and an EASA Part-147 Maintenance Training Organization (MTO) certified by ENAC - Ente Nazionale Aviazione Civile (Italian Civil Aviation Authority - ICAA).

Training Centre approved by the U.S. Federal Aviation Administration (FAA) in accordance with FAA CFR PART 142 (Approval Certificate UGAWA) the Leonardo Training Academy offers FAA Type Rating and Recurrent training on the Full Flight Simulators in Sesto Calende (ITALY) and Morristown NJ. (USA).

Leonardo Training Academy ATO and MTO hold approximately fifteen National Civil Aviation Authorities approvals from different Countries.

Major Leonardo Training Academy Certifications include:

- Approved Training Organisation – ATO
  - United States – Federal Aviation Administration (FAA)
  - Russian Federation – Federal Air Transport Agency (FATA) – Rosaviatsiya
- Maintenance Training Organisation – MTO
  - Canada – Transport Canada Civil Aviation (TCCA)
  - Australia – Civil Aviation Safety Authority (CASA)
  - China – Civil Aviation Administration of China (CAAC)

For further details you can find and download all the Leonardo Training Academy certifications related to training and to all the synthetic Training Devices available worldwide, on the Leonardo Helicopters web site via the following link:

<http://www.leonardocompany.com/customer-support/elicotteri-helicopter/training-solutions/training-academies>



## ADDITIONAL SERVICES



# LANGUAGE AND INTERPRETER SERVICES

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All of our courses are delivered in English and they are based on existing commercial courses. On the first day of training, each student is provided with specific training notes and/or hand-outs for his/her retention and all the Training Material used during the training courses (Training Manuals, Presentations, etc) are in English.

However, in order to ensure an efficient training experience, in all our training facilities a translation service from English is available on request. Furthermore, Leonardo Training Academy supports the ability to bring a translator; provided that the requirements established by Leonardo Training Academy in terms of experience and qualification are satisfied.

If you need to be assisted by a translator/interpreter, feel free to ask us, giving advance notice as early as possible within the booking process.

## HOSPITALITY SERVICE

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Before arrival at the Leonardo Training Academy you can contact the Training Academy Hospitality personnel to get information about how to reach the Training Academy and about the accommodation facilities nearby.

On the first day of training, after having received your personal badge and security pass, you will be welcomed at the Training Academy Hospitality Desk, where our staff will inform you on how to find your assigned classroom and will support you for all the logistic aspects during your stay at the Training Academy.

We clearly recognise the value of direct communication between you, the customer, and the business management team at the Leonardo Training Academy. To ensure we have direct, unfiltered conversation, we are able to dedicate some time for students to meet members of the Training Academy's personnel.

During course breaks, feel free to ask our Hospitality Desk's team how to get in contact with Leonardo Training Academy personnel.

How to contact the Training Academy Hospitality Desk:

[Hospitality.Training.AW@leonardocompany.com](mailto:Hospitality.Training.AW@leonardocompany.com)

Tel: + 39 0331 915102

# CANTEEN SERVICES

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During courses a lunch at the Leonardo Training Academy canteen is provided from 12:00 - 13:00 each working day at no charge for you. The daily menu includes a wide range of local and international dishes for your enjoyment.

In the case of practical elements of courses, which may be carried out in shifts, the canteen will also be available for dinner.

The training team will provide exact time details during the first day of the training.

# CUSTOMER BUSINESS LOUNGE

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A Business Lounge has been dedicated to you in order to let you enjoy some free time between lessons, whilst having a coffee break newspapers are always at your disposal and the lounge is also equipped with computers with internet access.

# Wi-Fi

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For students attending courses at the Leonardo Training Academy in Sesto Calende (Italy), free Wi-Fi Access will be available for the entire duration of the training courses. Free Wi-Fi Access will be available for online registered participants only (for details, please see Paragraph "Leonardo Helicopters Account" below).

Upon your arrival at the Leonardo Training Academy in Sesto Calende, you will find your access details via our website [http://www.leonardocompany.com/customer-support/elicotteri-helicopter/customer\\_portals/my-training](http://www.leonardocompany.com/customer-support/elicotteri-helicopter/customer_portals/my-training)

# TRAINING AND BOOKING INFORMATION

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In order to receive information about the available training courses and/or to receive commercial proposals related to training delivered at Leonardo Helicopters Training Academies please address your request, depending on your geographical area, to the following email addresses:

**Americas:**

[training.americas.mbx.AW@leonardocompany.com](mailto:training.americas.mbx.AW@leonardocompany.com)

**Southern Europe & Italy:**

[training.sei.mbx.AW@leonardocompany.com](mailto:training.sei.mbx.AW@leonardocompany.com)

**Northern Europe & Australia/NZ:**

[training.nea.mbx.AW@leonardocompany.com](mailto:training.nea.mbx.AW@leonardocompany.com)

**East Europe, Russia & Stan Countries:**

[training.ers.mbx@leonardocompany.com](mailto:training.ers.mbx@leonardocompany.com)

**Africa:**

[training.africa.mbx.AW@leonardocompany.com](mailto:training.africa.mbx.AW@leonardocompany.com)

**Far East:**

[training.fe.mbx.AW@leonardocompany.com](mailto:training.fe.mbx.AW@leonardocompany.com)

**Middle East:**

[training.me.mbx.AW@leonardocompany.com](mailto:training.me.mbx.AW@leonardocompany.com)

**Global Oil & Gas Operators:**

[training.go.mbx.AW@leonardocompany.com](mailto:training.go.mbx.AW@leonardocompany.com)

In order to receive information about the available training courses and/or to receive commercial proposals related to training delivered at the Training Academy in Malaysia, please contact:

[Claessa.Stalin@agustawestland.com](mailto:Claessa.Stalin@agustawestland.com)

Tel: + 60 3-78423027

In order to receive information about the available training courses and/or to receive commercial proposals related to training delivered in the UK, please contact:

[training.solution@agustawestland.com](mailto:training.solution@agustawestland.com)

Tel: +44 (0) 1935 703907

In order to receive information about the available training courses and/or to receive commercial proposals related to training delivered in the USA, please contact:

[US\\_TrainingRequest@agustawestland.com](mailto:US_TrainingRequest@agustawestland.com)

Tel: +1 (215) 2811400

# LEONARDO HELICOPTERS ACCOUNT

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Excluding complimentary courses which are normally associated with aircraft sales, after contacting one of the Training Academies and having agreed about the training required, the Customer will receive a commercial proposal.

Post acceptance of the commercial proposal the Customer will be asked to complete the on-line registration formalities before arriving at the training facility. Students who have not registered previously will be provided with a web link to create an account on our website [www.leonardocompany.com](http://www.leonardocompany.com). After creating a personal account, the student will be granted access to a private area, *My Training*, where they must complete the applicable Bio Data Form (Pilot or Technician). In the same webpage (Student's Profile) it is also requested that a scanned copy of their passport, a passport size photo, their flight/maintenance license and a current medical certificate (for pilots only) are uploaded.

Providing these details along with the completion of the Bio data will enable students' Leonardo Training Academy Identification badge to be ready at student arrival minimizing any need to queue. Should you not be in the position to provide this advance information, a digital picture of the student will be taken on their arrival and passport will be scanned as well, this might take some time on student's arrival, prior to be admitted to the Training Academy. It is important that the Scan Copies, Digital Pictures and Bio data are accurate and ready before the course starts.

For each booked course the student will receive a booking code which must be entered into their reserved area (*My Calendar* Section) in order to officially enroll onto the course and have a new badge printed at the gate. The original copies of the documents uploaded into his reserved area must always be carried with you when you are at the Training Academy. Please remember your health insurance (if you are not an EU citizen).

For Pilot Training courses, after online registration and booking code assignment, your Training Schedule will be available via the website in the *My Calendar* Section. Course details will be published six weeks before the session starting date. Should your training schedule change during the six weeks before the session start date, you will be advised promptly.

# LEONARDO WEB PORTAL

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We are pleased to inform you that is now available on Leonardo Helicopters Customer Support and Training website, *Leonardo* a section designed with the aim of providing quick and simplified access to our training services.

*Leonardo* provides you with significant additional benefits including:

- Participants online enrolment for your entire company
- View 'My Courses' where all the training courses your students have registered for will be grouped together
- Access your 'Find Courses' to search the courses you need within our global network with an easy-to-use and instant course finder
- View live time availability for a specific course
- View your training history, including log of actual flight hours and training details
- Crew scheduling to see your entire company training plan in one place
- Review and manage all your contracts and personnel training in one place, including entitlement per contract and follow on orders.



# APPS

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Leonardo Helicopters is committed to continuously support our customer teams, aircrews and ground crews, in accomplishing their helicopter missions.

Two Apps are now available at this scope:

- **AW Training Mobile App**, which allows students to access the Helicopter Training Course information through their own devices (iOS, Android). This App enhance the customers' learning experience before they even reach the Training Academy classroom. All training notes and files stored during the training will to be accessible anywhere, and at any time, on personal devices.

The features offered by AW Training are as follows:

- Multi-language (up to 23 languages available)
  - Quick access, download and view course resources
  - e-Learning Modules, which allow the students to perform the e-Learning Course through the App, on and off-line
  - View calendar events
  - Upload file (audio, pictures, photo, video, etc.) into private file area
  - Send messages to other course participants
  - Browse and download your private course files
  - View and reply to forum discussions
  - Receive information from instructors (e.g. slides with notes)
- **AW Team App**, the new CS&T (Customer Support and Training) App which provides real time access to the CS&T world, giving direct link to our services, contacts, latest news and achievements.

The benefits offered by AW Training are as follows:

- Find out and get in touch with CS&T people, explore CS&T capabilities and facilities navigating our interactive map.
- Know more about our Support and Training Services, book your training course and create your own private area logging into our portals.
- Enter our CS&T newsletter archive, download the latest edition and always be updated on Leonardo news and achievements.
- Stay connected through the Push Notification service which provides content update for Training (new courses, features and approvals) and Support (service and fleet event critical updates).

# VISA PROCEDURE

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Obtaining the necessary VISA is the individual student's responsibility. Leonardo Training Academy will support you by sending the invitation letters directly to the relevant Embassy in order to justify your trip to Italy but letters will only be released after having completely confirmed the training and having received all the information needed and the copy of your passport.

# PAYMENT INFORMATION

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Full payment of the course(s) is required prior to commencement of training.

Generally at the same time of course confirmation, the advanced payment of 100% shall be provided by wire transfer. Alternatively 100% payment can be made before the start of the course by credit card directly at the Leonardo Training Academy's cash dash (every day from 10:30 to 11:00). All payments must be in Euro.

# CANCELLATION POLICY

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The Leonardo Training Academy reserves the right to cancel any course that does not meet minimum enrollment requirements. Customer will be notified of a cancellation at least 2 weeks prior to the course start date. We recommend that you contact us to verify minimum enrollment prior to purchase of a non-refundable airline ticket.

# CLASS ATTENDANCE POLICY

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Standard Classroom hours for theoretical training are as specified below:

**9:00 am - 4:30 pm, Monday through Friday**

Please be informed that Practical Elements Courses could be carried out in shifts.

Leonardo Training Academy will provide exact time details during the first day of the training.

Simulator training activities take place 7 days a week for about 20 hours a day.

For simulator training, please consider that 1 hour of Classroom Briefing will be performed at the beginning of each Training Session and 1 hour of Debriefing will be performed at the end of the same Training Session.

We kindly ask you to not make airline reservations which may interfere with the completion of the course. Should you miss some class time, please note that you will be responsible for the material covered during your absence.

Course Length vs Allowable Absence	
Less than two weeks	None
Two weeks	Half day
Three weeks	1 day

Our facility is approximately 30 minutes from Milan Malpensa Airport. We recommend that the departing airline reservations for a flight are made after 6:00 p.m. on the last day of training.

Training during weeks including Italian bank holidays may be extended to Saturdays.

# OFFSITE TRAINING

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The Leonardo Training Academy may conduct maintenance technician, pilot ground and flight training at Customer's facility upon request. It is recommended that requests for offsite training are submitted at least 180 days in advance to coordinate instructor availability.

The Customer must provide necessary training aids (tools, equipment, etc...) and classroom space appropriately sized and equipped to comfortably accommodate the scheduled attendees, and in case of flight training all the necessary clearances or authorisations needed to conduct the training.

# TRAINING MATERIAL

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All supplies, training materials and tools required for training are provided by the Training Academy on the first day of class, unless otherwise stated. Training materials are not for sale and will not be supplied to any student in advance.

The texts for all courses are Training Academy publications, supplemented by the course notebooks designed to follow the instructor's presentation and increase comprehension and retention.

Instructor's demonstrations and shop exercises are conducted on red-marked components, using the appropriate test equipment, where possible. The shop work is designed to permit hands-on practice on maintenance tasks.

# TRAINING ACADEMY COURSE & CERTIFICATE DISCLAIMER



## CERTIFICATE OF RECOGNITION

Reference: IT-167-00007 SC-760000001.0

This Certificate of Recognition is issued to:

*Surname Name*

Date of Birth: *Month Day, Year*

Place of Birth: *Place, Country*

By

**Fimmeccanica S.p.A. - Helicopter Division**  
Via Indipendenza, 2 - 21018 Sesto Calende (Va) - Italy

Reference: IT-167-00007

a Maintenance Training Organization approved to provide training and conduct examinations within its approved schedule and in accordance with Annex IV (Part 145) of Regulation (EC) No 1321/2004

This Certificate confirms that the above named person successfully passed the practical elements of the approved type training course stated below and the related examination in compliance with Regulation (EC) No 216/2008 of the European Parliament and of the Council and its Commission Regulation (EU) No 1321/2004 for the time being in force.

**Agusta AB139/AW139 (PWC PT6)**  
**Airframe Maintenance Type Training Course**  
(Category B1.3)  
(Engine Included)

Course From: *Month Day, Year* - To: *Month Day, Year*  
Assessment Passed on: *Month Day, Year*

*Practical elements only*

For Fimmeccanica S.p.A.  
Helicopter Division  
Training Manager  
Filippo Di Stefano  
ENAT 1000 149 issue 2

Date: *Month Day, Year*

Training Academy  
"A. Marchetti"



# CERTIFICATES

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We are proud that a certificate from the Leonardo Training Academy is recognized around the world as a symbol of the highest quality and excellence in pilot and maintenance training in the helicopter industry

It is an honor to graduate customers and officially induct them into the AgustaWestland helicopter operating community.

The Certificates issued by the Leonardo Training Academy may be of different types:

## FOR PILOTS:

- CERTIFICATE of TRAINING SUCCESSFULLY PASSED

To certify the completion of a training course for which passing a final examination is required.

- CERTIFICATE of TRAINING ATTENDED

To certify the attendance of a training course for which passing a final examination is not required or in the event that the examination has not been taken or has been failed.

## FOR TECHNICIANS:

- CERTIFICATE OF RECOGNITION

To certify the completion of a training course approved by the competent authority that has granted to Leonardo Training Academy the privilege to carry out the course. This certificate will be released provided that the applicant holds the necessary pre-requisites.

- CERTIFICATE OF TRAINING SUCCESSFULLY PASSED

To certify the completion of a training course for which passing a final examination is required.

- CERTIFICATE OF TRAINING ATTENDED

To certify the attendance of a training course for which passing a final examination is not required; or in the event that the examination has not been taken or has been failed.



# TRAINING ACADEMY COURSE & CERTIFICATE DISCLAIMER

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The use of Leonardo Training Academy curriculum by operators and service facilities is not authorized and does not constitute an approved school program.

The use of Leonardo Helicopters Training Manuals and materials is not authorized outside the Leonardo Helicopters Training Academies.

The EASA certification and FAA Approval apply ONLY to training performed by Leonardo Training Academy approved instructor personnel.

## PROHIBITIONS

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All hand-carried items may be subject to inspection by the Security Guards. Leonardo Training Academy security requirements do not allow the following items: personal cameras, tape recorders, firearms or drugs and alcohol. Computers will be accepted only if an authorization/clearance is requested upon arrival to the security department. The equipment must only be operated in a stand-alone mode. No attempt must be made to connect it to any data or telecommunications network on site. No data is to be passed to or from the equipment by other means (flash drives, transit disks or IR/Bluetooth links). You will not be allowed to produce any protectively marked material. The computer cannot be used in any other departments unless specific permission to do so is given.

Note: Mobile phones with a camera are only allowed on the bottom floor of building 7 (TA).

## COURSES CATALOGUE



# Courses Catalogue

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## INTRODUCTION

The training courses included in this Catalogue are not all the courses within the Leonardo Training Academy's capabilities. You will find enclosed only the courses that the market most frequently demands.

The admission requirements included in this Training Course Catalogue will be needed in order to be admitted to the relevant training course. However an evaluation of the student's license and experience will be required in order to identify the applicable training program.

The description of the training courses, the training contents and applicable duration specified in this document may be subject to change in order to fulfil the Regulating Authority requirements, and the programs delivered will be the valid/applicable ones at the time of their delivery.

### ► PILOT COURSES

### ► FAA TRAINING COURSES

### ► ADVANCED TRAINING COURSES

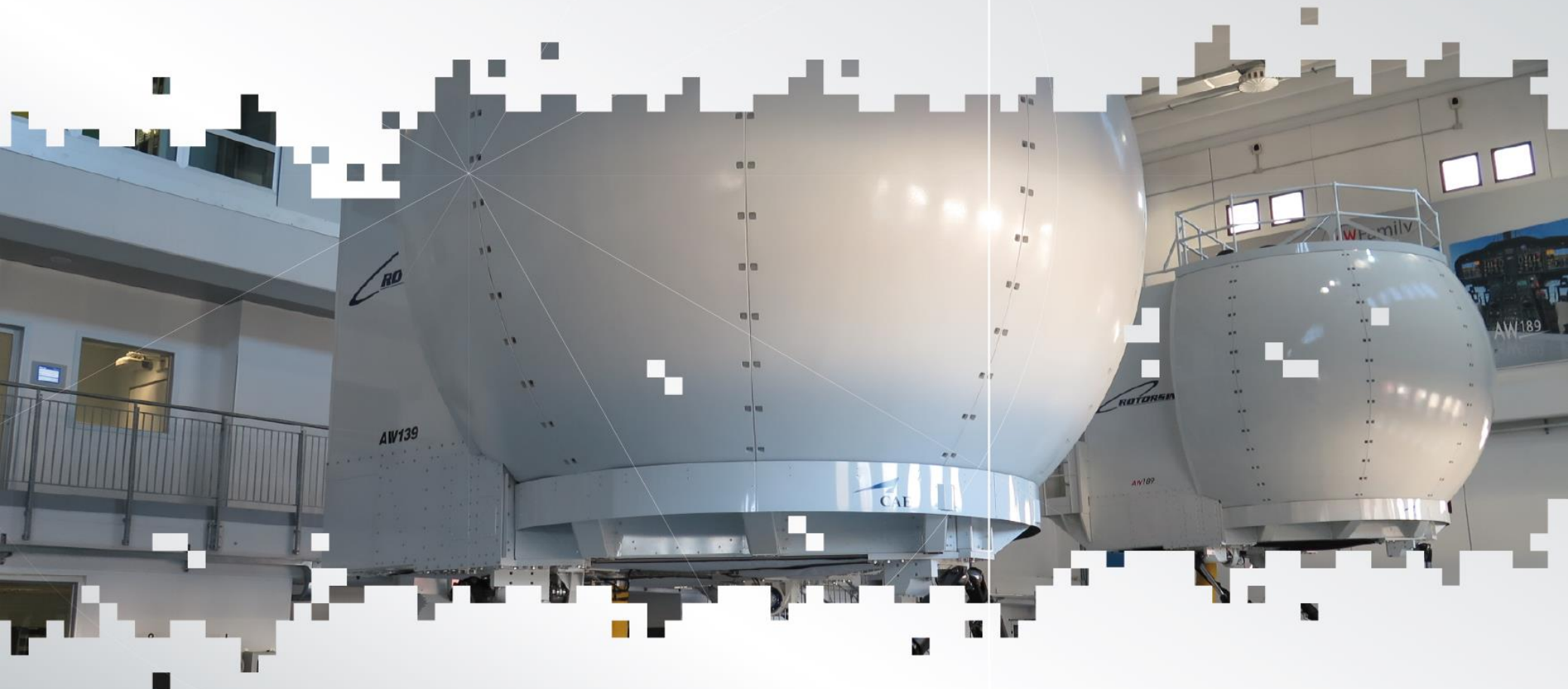
### ► BASIC COURSES

### ► PILOT OPERATIONAL TRAINING COURSES

### ► TECHNICIAN COURSES

### ► REAR CREW OPERATIONAL TRAINING COURSES

## PILOT COURSES



# Pilot Courses

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- ▶ VRF/IFR TYPE RATING COURSE – SINGLE PILOT
- ▶ INITIAL VFR/IFR TYPE RATING COURSE– SINGLE PILOT
- ▶ ADDITIONAL VFR/IFR TYPE RATING COURSE – SINGLE PILOT
- ▶ VFR/IFR TYPE RATING COURSE – MULTI PILOT
- ▶ INITIAL VFR/IFR TYPE RATING COURSE– MULTI PILOT
- ▶ ADDITIONAL VFR/IFR TYPE RATING COURSE – MULTI PILOT
- ▶ HELICOPTER CONTROL FLIGHT INTO TERRAIN (CFIT) INTRODUCTION PROGRAMME
- ▶ COMMONALITY SECTION
- ▶ DIFFERENCES COURSES
- ▶ REFRESHER COURSES
- ▶ RECURRENT COURSE
- ▶ FROM SINGLE PILOT (SPO) TO MULTI PILOT (MPO) / FROM MULTI PILOT (MPO) TO SINGLE PILOT (SPO) EXTENSION TRAINING COURSE
- ▶ TRI – TYPE RATING INSTRUCTOR PILOT– INITIAL ISSUE
- ▶ TRI – TYPE RATING INSTRUCTOR PILOT– TYPE EXTENSION
- ▶ INSTRUCTOR OPERATING STATION TRAINING COURSE
- ▶ S.F.I. TRAINING



**Approval**

Part FCL

**Certificate**

Certificate of Training Successfully Passed

**Scope of Training**

The scope of the Type Rating courses is to enable the Pilot to achieve the Type Rating for a specific helicopter model.

At the end of the Type Rating courses the attending pilot must be able to operate the specific helicopter model and all its systems completely safely and carry out the VFR and/or IFR procedures specified for normal and emergency conditions in a skillful manner.

Type Rating Courses are divided into two different training patterns:

- Initial Type Rating (ITR) courses
- Additional Type Rating (ATR) courses

## Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

ITR courses are aimed at applicants for whom the course is the first Type Rating on a multi-engine turbine (MET) helicopter.

**Approval** Part FCL

**Certificate** Certificate of Training Successfully Passed

**Scope of Training** The scope of the Type Rating courses is to enable the Pilot to achieve the Type Rating for a specific helicopter model. At the end of the Type Rating courses the attending pilot must be able to operate the specific helicopter model and all its systems completely safely and carry out the VFR and/or IFR procedures specified for normal and emergency conditions in a skillful manner.

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Hold a valid Helicopter Pilot's license (PPL(H) or CPL(H) or ATPL(H))
- Hold an appropriate Medical Certificate
- Satisfy all of the psychological and physical requirements
- Have a good English language knowledge both written and spoken (Part-FCL Level 4: Operational or equivalent)
- Hold a certificate of satisfactory completion of a pre-entry approved course in accordance with FCL.720.H(c) to be conducted by an ATO or have passed at least the ATP(H) theoretical knowledge examinations

NOTE: The possession of a certificate of satisfactory completion of the pre-entry approved course shall not be a substitute for showing compliance for the grant of an ATP(H).

- Have a current ME/IR-H

NOTE: In case pilots are not in possession of a valid IR(H) Rating on a Multi-Engine helicopter, the IFR portion of Training will be converted into VFR additional hours or in other training activities to be mutually agreed between the Parties.

## Admission Requirements

- Have a previous experience in glass cockpit aircraft or have completed the Glass Cockpit and Automation Management course on the applicable helicopter model.

*NOTE: Applicable only for Glass Cockpit helicopter models (i.e. A109S Trekker, AW109SP, AW139, AW189 and AW169)*

- Have logged at least 70 flight hours as Pilot In Command

## Training Content

INITIAL TYPE RATING COURSE – SINGLE PILOT									
MODEL	P/N	GROUND	OTD	FFS		HELICOPTER		SKILL TEST	
				VFR	IFR	VFR	IFR	VFR	IFR
AW119	1E-T-086-PAW	30				5		1	
AW109E	0E-T-159-PAW	30		8	8	2	2	1	1
AW109S*	0S-T-249-PAW	30		8	8	2	2	1	1
AW109S Trekker**	0T-T-J29-PAW	48	4			8	8	1	1
AW109SP	0P-T-283-PAW	48	8	8	8	4	2	1	1
AW139	30-T-L12-PAW	60	6	12	8	2	2	1	1
AW189	80-T-487-PAW	60	12	12	8	2	2	1	1
AW169	60-T-E17-PAW	60	6	12	8	2	2	1	1

### NOTES:

*\*For the A109S Type Rating course, the FFS phase is intended to be performed on the A109E Full Flight Simulator Level D. For this reason the Skill Test for the A109S Type Rating course can be performed on the real helicopter only.*

*\*\* The Training Programme applicable for the A109S Trekker helicopter model may be subject to changes in accordance with EASA approval. For this reason, the content and duration of the training provided will be the applicable and valid ones at the moment of training delivery.*

## Approval

Part FCL

## Certificate

Certificate of Training Successfully Passed

## Scope of Training

ATR courses are aimed at candidates who already have an authorization type on multi engine turbine helicopter and require the issuance of an additional qualification of type for the same category of helicopter (MET, MPH).

## Admission Requirements

In order to be admitted to this course, an attending student must satisfy the following requirements:

- Hold a valid Helicopter Pilot's license (PPL(H) or CPL(H) or ATPL(H))
- Hold an appropriate Medical Certificate
- Satisfy all of the psychological and physical requirements
- Have a good English language knowledge both written and spoken (Part-FCL Level 4: Operational or equivalent)
- Hold a valid ME-IR(H)

*NOTE: In case pilots are not in possession of a valid IR(H) Rating on a Multi-Engine helicopter, the IFR portion of Training will be converted into VFR additional hours or in other training activities to be mutually agreed between the Parties.*

- Have previous experience in glass cockpit aircraft or have completed the Glass Cockpit and Automation Management course on the applicable helicopter model

*NOTE: Applicable only for Glass Cockpit helicopter models (i.e. A109S Trekker, AW109SP, AW139, AW189 and AW169)*

- Have logged at least 70 flight hours as Pilot In Command

## Training Content

### Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

ADDITIONAL TYPE RATING COURSE – SINGLE PILOT									
MODEL	P/N	GROUND	OTD	FFS		HELICOPTER		SKILL TEST	
				VFR	IFR	VFR	IFR	VFR	IFR
AW119		30				3		1	
AW109E	0E-T-485-PAW	30		4	4	2	2	1	1
AW109S*	0S-T-251-PAW	30		4	4	2	2	1	1
AW109S Trekker**	0T-T-N74-PAW	48	4			4	3	1	1
AW109SP	0P-T-285-PAW	48	4	6	4	4	2	1	1
AW139	30-T-L15-PAW	60	4	8	6	2		1	1
AW189***	80-T-488-PAW	60	12	8	6	2		1	1
AW169	60-T-E18-PAW	60	4	8	6	2		1	1

### NOTES:

\* For the A109S Type Rating course, the FFS phase is intended to be performed on the A109E Full Flight Simulator Level D. For this reason the Skill Test for the A109S Type Rating course can be performed on the real helicopter only.

\*\* The Training Programme applicable for the A109S Trekker helicopter model may be subject to changes in accordance with EASA approval. For this reason, the content and duration of the training provided will be the applicable and valid ones at the moment of training delivery.

\*\*\* For pilots holding AW139 type rating a reduced ADDITIONAL TYPE RATING training program may be applied (Ref. Commonality Section Paragraph)



**Approval**

Part FCL

**Certificate**

Certificate of Training Successfully Passed

**Scope of Training**

The scope of the Type Rating courses is to enable the Pilot to achieve the Type Rating for a specific helicopter model.

At the end of the Type Rating course the attending Pilot must be able to operate the specific helicopter model completely safely and carry out the VFR and/or IFR procedures specified for normal and emergency conditions in a skillful manner.

Type Rating Courses are divided into two different training patterns:

- Initial Type Rating (ITR) courses
- Additional Type Rating (ATR) courses

ITR courses are aimed at applicants for whom the course is the first Type Rating on a multi-engine turbine (MET) helicopter.

**Approval** Part FCL

**Certificate** Certificate of Training Successfully Passed

**Scope of Training** The scope of the Type Rating courses is to enable the Pilot to achieve the Type Rating for a specific helicopter model. At the end of the Type Rating course the attending Pilot must be able to operate the specific helicopter model completely safely and carry out the VFR and/or IFR procedures specified for normal and emergency conditions in a skillful manner.

**Admission Requirements** If the Type Rating is the first on a multi-pilot helicopter (multi pilot operations), the attending pilot shall:

- Hold a valid Helicopter Pilot's license (PPL(H) or CPL(H) or ATPL(H))
- Hold an appropriate Medical Certificate
- Satisfy all of the psychological and physical requirements
- Have a good English language knowledge both written and spoken (Part-FCL Level 4: Operational or equivalent)
- Hold a certificate of satisfactory completion of a pre-entry approved course in accordance with FCL.720.H(c) to be conducted by an ATO or have passed at least the ATP(H) theoretical knowledge examinations

*NOTES: The possession of a certificate of satisfactory completion of the pre-entry approved course shall not be a substitute for showing compliance for the grant of an ATP(H).*

- Have a current ME/IR-H

*NOTE: In case pilots are not in possession of a valid IR(H) Rating on a Multi-Engine helicopter, the IFR portion of Training will be converted into VFR additional hours or in other training activities to be mutually agreed between the Parties.*

## Admission Requirements

- Have a previous experience in glass cockpit aircraft or have completed the Glass Cockpit and Automation Management course on the applicable helicopter model

*NOTE: Applicable only for Glass Cockpit helicopter models (i.e. AW109SP, AW139, AW189 and AW169)*

- Have logged at least 70 flight hours as Pilot In Command

*NOTE: An applicant for a type rating in multi-pilot operations graduating from ATP(H)/IR, ATP(H) or CPL (H)/IR integrated course (provided that the flight activity has been carried out entirely in dual control, and were still completed at least 50 hours as PIC, all certified by the log book) who has less than 70 hours as PIC of helicopters shall have the type rating issued limiting the privileges to co-pilot only.*

- Hold a certificate of satisfactory completion of MCC course (Multi Crew Cooperation) or have an experience of at least 500 hours as pilot in multi –pilot operations.

*NOTES: The completion of MCC course could be considered fulfilled if the Pilot attends the MCC Embedded Type Rating training course on a multi-engine helicopter.*

*The 500 hours mentioned above can be considered fulfilled if the multi-pilot operations are carried out on single pilot multi-engine helicopters.*

## Training Content

### Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

INITIAL VFR/IFR TYPE RATING – MULTI PILOT									
MODEL	P/N	GROUND	OTD	FFS		HELICOPTER		SKILL TEST	
				VFR	IFR	VFR	IFR	VFR	IFR
AW139	30-T-L13-PAW	60	6	12 PF + PNF*	8 PF + PNF*	2	2	1	1
AW189	80-T-C70-PAW	60	15	12 PF + PNF*	8 PF + PNF*	2	2	1	1
AW169	60-T-E19-PAW	60	6	12 PF + PNF*	8 PF + PNF*	2	2	1	1

### NOTES:

*\*In case MPO type rating is required the course shall be attended by a complete crew consisting of two crew members. During FFS training one flight crew member will operate as PF and the other member as PNF during maneuvers/procedures of the scheduled sortie in accordance with MCC. At least 1 sortie as a PNF shall be conducted by each flight crew member.*

## Training Content

### Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

INITIAL VFR/IFR TYPE RATING – MULTI PILOT - MCC EMBEDDED									
MODEL	P/N	GROUND	OTD	FFS*		HELICOPTER		SKILL TEST	
				VFR	IFR	VFR	IFR	VFR	IFR
AW139	AA-T-M01-PAW** 30-T-K77-PAW	60+21		18 PF + 12 PNF	14 PF + 8 PNF	2	2	1	1
AW189***	AA-T-E42-PAW** 80-T-F04-PAW	60+25****	12	12 PF + 12 PNF	10 PF + 10 PNF	2	2	1	1
AW169***	AA-T-E42-PAW** 80-T-F05-PAW	60+25****	2	12 PF + 12 PNF	10 PF + 10 PNF	2	2	1	1

### NOTES:

\*In case MPO type rating is required the course shall be attended by a complete crew consisting of two crew members. During FFS training one flight crew member will operate as PF and the other member as PNF during maneuvers/procedures of the scheduled sortie in accordance with MCC, for the total number of FFS flight hours as PF and PNF included in the table above.

\*\* The PP/NN AA-T-M01-PAW and AA-T-E42-PAW have to be considered additional and not alternative to the PP/NN applicable for each helicopter model

\*\*\* The duration of these courses is currently under revision and will be subject to changes in accordance with EASA Part FCL regulation. Subject to EASA approval, the Initial Type Rating Multi-Pilot Training Program for the AW189 and the AW169 will be harmonized with the applicable program for the AW139 helicopter model. The training programmes provided by the Leonardo Training Academy will be the applicable and valid ones at the moment of training delivery.

\*\*\*\* 25 hours: 2 days of 7,5 hours plus 10 hours theory embedded in pre/post sortie briefings.



Approval Part FCL

Certificate Certificate of Training Successfully Passed

Scope of Training ATR courses are aimed at candidates who already have an authorization type on multi engine turbine helicopter or multi engine turbine helicopter in multi-pilot operations and require the issuance of an additional qualification of type for the same category of helicopter (MET, MPH).

Admission Requirements If the Type Rating is the first on a multi-pilot helicopter (multi pilot operations), the attending pilot shall:

- Hold a valid Helicopter Pilot's license (PPL(H) or CPL(H) or ATPL(H))
- Hold an appropriate Medical Certificate
- Satisfy all of the psychological and physical requirements
- Have a good English language knowledge both written and spoken (Part-FCL Level 4: Operational or equivalent)
- Have passed the ATPL (H) theoretical knowledge examinations

*NOTE: The level of theoretical knowledge assumed to be held by holders of the PPL(H) or CPL(H) and type rating s for multi-pilot helicopters issued under requirements of Third Countries will not be a substitute for showing compliance with the requirements here above.*

## Admission Requirements

- Valid ME-IR (H)

*NOTE: In case pilots are not in possession of a valid IR(H) Rating on a Multi-Engine helicopter, the IFR portion of Training will be converted into VFR additional hours or in other training activities to be mutually agreed between the Parties.*

- Have a previous experience in glass cockpit aircraft or have completed the Glass Cockpit and Automation Management course on the applicable helicopter model

*NOTE: Applicable only for Glass Cockpit helicopter models (i.e. AW109SP, AW139, AW189 and AW169)*

- Have logged at least 70 flight hours as Pilot In Command

*NOTE: An applicant for a type rating in multi-pilot operations graduating from ATP(H)/IR, ATP(H) or CPL (H)/IR integrated course (provided that the flight activity has been carried out entirely in dual control, and were still completed at least 50 hours as PIC, all certified by the log book) who has less than 70 hours as PIC of helicopters shall have the type rating issued limiting the privileges to co-pilot only.*

- Hold a certificate of satisfactory completion of MCC course (Multi Crew Cooperation) or have an experience of at least 500 hours as pilot in multi – pilot operations

## Training Content

### Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

ADDITIONAL TYPE RATING COURSE – MULTI PILOT									
MODEL	P/N	GROUND	OTD	FFS		HELICOPTER		SKILL TEST	
				VFR	IFR	VFR	IFR	VFR	IFR
AW139	30-T-L16-PAW	60	4	8 PF + PNF*	6 PF + PNF*	2		1	1
AW189	80-T-A45-PAW	60	12	8 PF + PNF*	6 PF + PNF*	2		1	1
AW169	60-T-E20-PAW	60	2	8 PF + PNF*	6 PF + PNF*	2		1	1

### NOTES:

*\*In case MPO type rating is required the course shall be attended by a complete crew consisting of two crew members. During FFS training one flight crew member will operate as PF and the other member as PNF during maneuvers/procedures of the scheduled sortie in accordance with MCC. At least 1 sortie as a PNF shall be conducted by each flight crew member.*

*\*\* The courses included in the above table are currently under revision in accordance with EASA regulation. For this reason, the content and duration of the training provided will be the applicable and valid ones at the moment of training delivery.*

# Pilot Courses Helicopter Control Flight Into Terrain (CFIT) Introduction Programme

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The aim of this course is to provide the Pilots with a familiarization programme on how to operate at Low Level VFR in marginal weather situation using the AW Helicopter at its best performance during Search and Rescue Operations. Special emphasis will be given to the TAWS/EGPWS, CRM, Inadvertent IMC Procedure, Brown Out / White Out Procedure.

**Admission Requirements** In order to be admitted to this course, an attending Pilot must satisfy the following requirements:

- Have a valid ME-IR (H);
- Have logged at least 70 flight hours as Pilot In Command;
- Have a valid rating on the applicable helicopter model;
- Have a good English language knowledge both written and spoken (Part-FCL Level 4: Operational or equivalent);
- Hold an appropriate Medical Certificate;
- Satisfy all of the psychological and physical requirements.

## Training Content

HELICOPTER CONTROL FLIGHT INTO TERRAIN (CFIT) INTRODUCTION PROGRAMME						
MODEL	P/N	GROUND	OTD	FFS*	HELICOPTER	SKILL TEST
AW109SP	0P-T-L54-PAW	4		2 PF+2PNF		
AW139	30-T-L51-PAW	4		2 PF+2PNF		
AW189	80-T-L53-PAW	4		2 PF+2PNF		
AW169	60-T-L52-PAW	4		2 PF+2PNF		

*\*NOTE: In case of Single Pilot Training, the Sortie will be repeated in a different LOFT scenario, for a total of 4 Full Flight Simulator hours per pilot.*

## Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

**Approval** AW Type Specification

**Certificate** Certificate of Training Attended

**Scope of Training** Scope of the Commonality Section is to evidence the privileges of a pilot extending the rating to another aircraft type within the same family (i.e. AW139 - AW189).

At the end of the training course the attending student must be able to pilot the new helicopter model completely safely and carry out the VFR and/or IR procedures specified for normal and emergency conditions in a skillful manner.

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Hold a valid Helicopter Pilot's license (PPL(H) or CPL(H) or ATPL(H))
- Hold a valid Flying Medical Certificate
- Satisfy all of the psychological and physical requirements
- Have a good English language knowledge both written and spoken (Part FCL Level 4 -operational)
- Having completed the VFR and/or IFR Type Rating on the helicopter model.



## Training Content

ADDITIONAL TYPE RATING COURSE for pilots rated on AW139									
MODEL	P/N	GROUND	OTD	FFS		HELICOPTER		SKILL TEST	
				VFR	IFR	VFR	IFR	VFR	IFR
AW189	80-T-442-PAW	60	12	6	4	1		1	1
AW169	*								

*\*NOTE: The training contents and applicable durations will be the ones requested in order to fulfil the Regulation Authority requirements and achieve the EASA Certification/Approval. Subject to EASA Certification/Approval, the programs delivered will be the valid/applicable ones at the time of their delivery.*

## Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

Approval Part FCL

Certificate Certificate of Training Successfully Passed

Scope of Training The scope of the Difference courses is to extend the privileges of a pilot to another aircraft type within the same family (i.e.: AW109E – S - SP), in accordance with Part FCL requirements.

At the end of the training course the attending pilot must be able to operate the new helicopter model completely safely and carry out the VFR and/or IR procedures specified for normal and emergency conditions in a skillful manner.

Admission Requirements In order to be admitted to this course, an attending student must satisfy the following requirements:

- Hold a valid Helicopter Pilot's license (PPL(H) or CPL(H) or ATPL(H))
- Hold a valid Flying Medical Certificate
- Satisfy all of the psychological and physical requirements
- Have a good English language knowledge both written and spoken (Part FCL Level 4 -operational)
- Having completed the VFR and/or IFR Type Rating on one helicopter model variant

*NOTE: The differences training shall be entered in the pilot's logbook or equivalent document and signed by a TRI/SFI(H) as appropriate and Head of Training.*

**Training Content** The table below details the available courses

## Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

DIFFERENCE COURSES									
MODEL	COURSE TYPE	P/N	GROUND	OTD	FFS		HELICOPTER		SKILL TEST
					VFR	IFR	VFR	IFR	
AW109E	VFR/IFR from AW109E to AW109S	OS-T-N94-PAW	9				2	1	
	VFR/IFR from AW109E to AW109S Trekker*	**	30	2			4	4	
	VFR/IFR from AW109E to AW109SP	OP-T-486-PAW	30	6	2	4	2		
AW109S	VFR/IFR from AW109S to AW109E	**	9				2	1	
	VFR/IFR from AW109S to AW109S Trekker*	**	27	2			2	2	
	VFR/IFR from AW109S to AW109SP	OP-T-310-PAW	27	6	2	4	1		

NOTES:

\* The Training Programme applicable for the A109S Trekker helicopter model may be subject to changes in accordance with EASA approval. For this reason, the content and duration of the training provided will be the applicable and valid ones at the moment of training delivery.

\*\* Available upon request

**Training Content** The table below details the available courses

## Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

DIFFERENCE COURSES									
MODEL	COURSE TYPE	P/N	GROUND	OTD	FFS		HELICOPTER		SKILL TEST
					VFR	IFR	VFR	IFR	
AW109S Trekker*	VFR/IFR from AW109S Trekker to AW109E	**	16		2	2			
	VFR/IFR from AW109S Trekker to AW109S	**	15				2	2	
	VFR/IFR from AW109S Trekker to AW109SP	**	27		2	2			
AW109SP	VFR/IFR from AW109SP to AW109E	**	15		2	2			
	VFR/IFR from AW109SP to AW109S	**	12				2	2	

## NOTES:

*\*The Training Programme applicable for the A109S Trekker helicopter model may be subject to changes in accordance with EASA approval. For this reason, the content and duration of the training provided will be the applicable and valid ones at the moment of training delivery.*

\*\* Available upon request

**Training Content** The table below details the available courses

DIFFERENCE COURSES									
MODEL	COURSE TYPE	P/N	GROUND	OTD	FFS		HELICOPTER		SKILL TEST
					VFR	IFR	VFR	IFR	
AW109SP	VFR/IFR from AW109SP to AW109S Trekker*	**	21				2	2	

## NOTES:

*\*The Training Programme applicable for the A109S Trekker helicopter model may be subject to changes in accordance with EASA approval. For this reason, the content and duration of the training provided will be the applicable and valid ones at the moment of training delivery.*

*\*\* Available upon request*

## Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

Approval Part FCL

Certificate Certificate of Training Successfully Passed

Scope of Training The scope of the Refresher courses is to enable the pilot to renew the expired currency of the Type Rating on the relevant aircraft type.

The course extends the type rating validity in accordance with Part FCL regulations.

At the end of the training course the attending student must be able to pilot the relevant helicopter model completely safely and carry out the VFR and/or IFR procedures specified for normal and emergency conditions in a skillful manner.

Admission Requirements In order to be admitted to this course, an attending pilot must satisfy the following requirements:

- Hold a valid Helicopter Pilot's license (PPL(H) or CPL(H) or ATPL(H))
- Hold a valid Flying Medical Certificate
- Satisfy all of the psychological and physical requirements
- Have a good English language knowledge both written and spoken (Part-FCL level 4: Operational)
- Hold a Type Rating in the helicopter even if the VFR and/or IR qualifications are no longer valid

*NOTE: If the Refresher course only involves the Instrument Flight, the attending pilot must be at least current for the Type Rating.*

Training Content The Refresher course training program is different according to the number of months passed by from the expiry date of the pilot rating and will be defined on the basis of pilots' qualifications and experience.

*NOTE: The content and duration of the training provided will be the applicable and valid ones at the moment of training delivery.*

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The scope of the recurrent courses is to provide attending pilots with VFR/IFR or VFR only recurrent training in order to update knowledge and proficiency in an operational context and improve pilot skills in different conditions.

At the end of the training course the attending student must be able to carry out the VFR and/or IFR procedure specified for normal and emergency conditions in a skillful manner.

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Hold a valid Helicopter Pilot's license (PPL(H) or CPL(H) or ATPL(H))
- Hold a valid Flying Medical Certificate
- Satisfy all of the psychological and physical requirements
- Have a good English language knowledge both written and spoken (Part-FCL level 4: Operational)
- Be in possession of a current VFR/IFR or VFR only Type Rating on the helicopter model



## Training Content

### Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

VFR/IFR RECURRENT					
MODEL	P/N	GROUND	OTD	FFS	HELICOPTER
A119	1E-T-850-PAW				6*
AW109E	0E-T-318-PAW	1 day ***		6	
AW109S	0S-T-306-PAW	1 day ***		6	
AW109S Trekker**	***	1 day ***		6	
AW109SP	0P-T-A04-PAW	1 day ***		6	
AW139	30-T-319-PAW	2 days ***		6	
AW189	80-T-E24-PAW	2 days ***		6	
AW169	60-T-E25-PAW	2 days ***		6	

### NOTES:

\* VFR only

\*\* The Training Programme applicable for the A109S Trekker helicopter model may be subject to changes in accordance with EASA approval. For this reason, the content and duration of the training provided will be the applicable and valid ones at the moment of training delivery.

\*\*\* Available upon request

# FROM SINGLE PILOT (SPO) TO MULTI PILOT (MPO) / FROM MULTI PILOT (MPO) TO SINGLE PILOT (SPO) EXTENSION TRAINING COURSES

**Approval** Part FCL

**Certificate** Certificate of Training Successfully Passed

**Scope of Training** The scope of the SPO to MPO / MPO to SPO Extension Training Courses is to extend the privileges of AW helicopter Type Rating holders from Single Pilot Operations to Multi Pilot Operations (on the same type), or from Multi Pilot Operations to Single Pilot Operations (on the same type).

At the end of the SPO to MPO training course the attending student will be able to pilot the AW helicopter completely safely and carry out the VFR and IR procedures specified for normal and emergency conditions in a skillful manner as part of a multi pilot crew.

At the end of the MPO to SPO training course the attending Pilot will be able to pilot the AW helicopter completely safely and carry out the VFR and IR procedures specified for normal and emergency conditions in a skillful manner as a single pilot.

**Admission Requirements** Bridge training courses are divided into two different training patterns:

- From SPO to MPO Extension Training Course
- From MPO to SPO Extension Training Course

In order to be admitted to an Extension Training Course, an attending Pilot must satisfy the following common requirements:

- Hold a valid Helicopter Pilot's License (CPL(H) or ATPL(H)).
- Hold an appropriate Medical Certificate.
- Satisfy all of the psychological and physical requirements.
- Have a good English language knowledge both written and spoken (Part-FCL level 4: Operational)

As well as the requirement peculiar to the required course:

## From SPO to MPO Extension Training Course

- Hold a valid AW Single Pilot Type Rating and the IFR privileges on the same type
- Hold a valid MP Type Rating (including IFR privileges) on any helicopter type

## From MPO to SPO Extension Training Course

- Hold a valid AW Multi Pilot Type Rating and the IR privileges on the same type

# FROM SINGLE PILOT (SPO) TO MULTI PILOT (MPO) / FROM MULTI PILOT (MPO) TO SINGLE PILOT (SPO) EXTENSION TRAINING COURSES

## Training Content FROM SPO TO MPO EXTENSION TRAINING COURSE

## Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

EXTENSION TRAINING COURSE – from Single Pilot to Multi Pilot						
MODEL	P/N	GROUND	OTD	FFS*	HELICOPTER	SKILL TEST
A119						
AW109E**						
AW109S**						
AW109SP	0P-T-D13-PAW	4***		2 (PF+PNF)	1	2
AW139	30-T-L26-PAW	2***		2 (PF+PNF)	1	1
AW189	80-T-B49-PAW	4***		2 (PF+PNF)	1	2
AW169	60-T-K85-PAW	4***		2 (PF+PNF)	1	2

### NOTES:

\* One flight crew member will operate as PF and the other member as PNF during maneuvers/procedures of the scheduled sortie in accordance with MCC. At least 1 sortie as a PNF shall be conducted by each flight crew member.

\*\* Available upon request.

\*\*\* Theory is embedded in Pre-Sortie Briefs.

\*\*\*\* The courses included in the above table are currently under revision in accordance with EASA regulation. For this reason, the content and duration of the training provided will be the applicable and valid ones at the moment of training delivery.

# FROM SINGLE PILOT (SPO) TO MULTI PILOT (MPO) / FROM MULTI PILOT (MPO) TO SINGLE PILOT (SPO) EXTENSION TRAINING COURSES

## Training Content FROM MP TO SP EXTENSION TRAINING COURSE

## Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

EXTENSION TRAINING COURSE – from Multi Pilot to Single Pilot						
MODEL	P/N	GROUND	OTD	FFS*	HELICOPTER	SKILL TEST
A119						
AW109E	0E-T-B48-PAW			4	1	2
AW109S	0S-T-B47-PAW			4	1	2
AW109SP	0P-T-B46-PAW			4	1	2
AW139	30-T-L25-PAW			2	1	1
AW189	80-T-B45-PAW			4	1	2
AW169	60-T-E32-PAW			4	1	2

### NOTES:

*\*One flight crew member will operate as PF and the other member as PNF during maneuvers/procedures of the scheduled sortie in accordance with MCC. At least 1 sortie as a PNF shall be conducted by each flight crew member.*

*\*\* The courses included in the above table are currently under revision in accordance with EASA regulation. For this reason, the content and duration of the training provided will be the applicable and valid ones at the moment of training delivery.*

**Approval** Part FCL

**Certificate** Certificate of Training Successfully Passed

**Scope of Training** The scope of the TRI(H) – Initial Issue courses is to train pilots to the level of competences necessary to deliver a Type Rating on the applicable helicopter model.  
At the end of the training course the attending student must be able to provide the Type Conversion Training to the pilots in possession of the required Pre Requisites.

**Admission Requirements** In order to be admitted to this course, an attending pilot must satisfy the following requirements:

- Be at least 18 years of age;
- Hold an appropriate Medical Certificate;
- Satisfy all of the psychological and physical requirements
- Hold at least a CPL(H) and a current VFR/IFR rating on the aircraft type for which flight instruction is to be given;
- Have a good English language knowledge both written and spoken (Part-FCL level 4: Operational)
- Have completed the IOS Course on the applicable series model
- Have completed at least 15 hours of flight as a pilot on the type of helicopter on which instruction is to be given, of which a maximum of 7 hours may be in a FSTD representing the type of helicopter
- Be entitled to act as pilot-in-command on the aircraft type.
- For a TRI(H) certificate for single-pilot single-engine helicopters, have completed at least 250 hours as a pilot of helicopters
- For a TRI(H) certificate for single-pilot multi-engine helicopters, have completed at least 500 hours as pilot of helicopters to include 100 hours as pilot-in-command of single-pilot multi-engine helicopters;
- For a TRI(H) certificate for multi-pilot helicopters, have completed at least 1000 hours flight time as a pilot on helicopters, including 350 hours as a pilot on multi-pilot helicopters; or for applicants already holding a TRI(H) certificate for single-pilot multi-engine helicopters, 100 hours as pilot of that type in MP operation.

## Training Content

## Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

T.R.I. INITIAL ISSUE - Single Pilot						
MODEL	P/N	GROUND*	OTD	FFS	HELICOPTER	Assessment of Competence****
AW119	AA-T-861-PAW** 1E-T-586-PAW	12+25			5	1,5
AW109E	AA-T-861-PAW*** 0E-T-L23-PAW	12+25		4	3	1,5
AW109S**		12+25		4	3	1,5
AW109SP	AA-T-861-PAW** 0P-T-L24-PAW	12+25		4	3	1,5
AW139	AA-T-861-PAW** 30-T-L17-PAW	12+25		4	3	1,5
AW189	AA-T-861-PAW** 80-T-L19-PAW	12+25		4	3	1,5
AW169	AA-T-861-PAW** 60-T-L21-PAW	12+25		4	3	1,5

## NOTES:

\* The 37 hours of Ground school include 25 hours of Teaching and Learning and 12 hours of Technical Training. If the student has already attended the Teaching and Learning course, he will only perform the Technical Training.

\*\* This course is available for the A109S Trekker helicopter model as well. Content and duration of the applicable training programme will be the ones valid at the moment of training delivery.

\*\*\* The P/N AA-T-861-PAW has to be considered additional and not alternative to the P/N applicable for each helicopter model.

\*\*\*\* The assessment shall be performed on the same type of helicopter or FSTD used for the flight instruction and the duration of the Assessment of Competence will be at least one hour and the content of the assessment will be i.a.w. FCL.935. If the Assessment of Competence is performed on the FFS, the TRI Certificate will be restricted to flight instruction on FFS (i.a.w. FCL.910.TRI(a) & FCL.935.TRI).

## Training Content

## Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

T.R.I. INITIAL ISSUE - Multi Pilot						
MODEL	P/N	GROUND*	OTD	FFS	HELICOPTER	Assessment of Competence***
AW139	AA-T-861-PAW** 30-T-L18-PAW	12+25		4	6	1,5
AW189	AA-T-861-PAW** 80-T-L20-PAW	12+25		4	6	1,5
AW169	AA-T-861-PAW** 60-T-L22-PAW	12+25		4	6	1,5

## NOTES:

\* The 35 hours of Ground school include 25 hours of Teaching and Learning and 10 hours of Technical Training. If the student has already attended the Teaching and Learning course, he will only perform the Technical Training.

\*\* The P/N AA-T-861-PAW has to be considered additional and not alternative to the P/N applicable for each helicopter model.

\*\*\* The assessment shall be performed on the same type of helicopter or FSTD used for the flight instruction and the duration of the Assessment of Competence will be at least one hour and the content of the assessment will be i.a.w. FCL.935. If the Assessment of Competence is performed on the FFS, the TRI Certificate will be restricted to flight instruction on FFS (i.a.w. FCL.910.TRI(a) & FCL.935.TRI).



**Approval** Part FCL

**Certificate** Certificate of Training Successfully Passed

**Scope of Training** The scope of the TRI(H) – Type Extension courses is to provide pilots already qualified as Type Rating Instructors with the level of competences necessary to extend their privileges on a new helicopter model.

At the end of the training course the attending student must be able to provide the Type Conversion training to the pilots possession of the required Pre Requisites.

## Admission Requirements

In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be at least 18 years of age;
- Hold an appropriate Medical Certificate;
- Satisfy all of the psychological and physical requirements
- Have a good English language knowledge both written and spoken (Part-FCL level 4: Operational)
- Have completed the IOS Course on the applicable series model
- Hold at least a CPL(H) and a current VFR/IFR rating on the aircraft type for which flight instruction is to be given;
- Hold a valid TRI(H) qualification on a different aircraft type;
- Have completed at least 15 hours of flight as a pilot on the type of helicopter on which instruction is to be given, of which a maximum of 7 hours may be in a FSTD representing the type of helicopter
- Be entitled to act as pilot-in-command on the aircraft type.
- For a TRI(H) certificate for single-pilot single-engine helicopters, have completed at least 250 hours as a pilot of helicopters
- For a TRI(H) certificate for single-pilot multi-engine helicopters, have completed at least 500 hours as pilot of helicopters to include 100 hours as pilot-in-command of single-pilot multi-engine helicopters;
- For a TRI(H) certificate for multi-pilot helicopters, have completed at least 1000 hours flight time as a pilot on helicopters, including 350 hours as a pilot on multi-pilot helicopters; or for applicants already holding a TRI(H) certificate for single-pilot multi-engine helicopters, 100 hours as pilot of that type in MP operation.

# TRI – TYPE RATING INSTRUCTOR PILOT – TYPE EXTENSION

**Training Content** Table 1 below refers to the TRI extension from an AgustaWestland helicopter Type to another AgustaWestland helicopter Type;

TABLE 1

TO HELICOPTER	FROM HELICOPTER							
	AB206	A119	Group 1 (A109A/AII/ C A109K2)	Group 2 (A109E, A109LUH, A109S, AW109SP)	AB212/4 12	AW139	AW189	AW169
	AB206	2	2	2	2	2	2	2
	A119	2	2	2	2	2	2	2
	Group 1 (A109A/AII/C A109K2)	2		2	2	2	2	2
	Group 2 (A109E, A109LUH, A109S, AW109SP*)	4	4	2	2 (3*)	2 (4*)	2	2
	B212/412	6	6	4	2	2	2	2
	AW139	6	6	4	4	2	2	2
	AW189	TRI Initial Course Required	6	6	4	4	3	2
	AW169	TRI Initial Course Required	6	6	4	4	3	2

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

**Training Content** Table 2 below refers to the TRI extension from a non-AgustaWestland helicopter Type to an AugustaWestland helicopter Type\*;

TABLE 2

TO HELICOPTER	FROM HELICOPTER			
		SP/SE H/C	SP/ME H/C	MP/ME H/C
	AB206	2	2	2
	A119	2	2	2
	Group 2** (A109E, A109LUH, A109S, AW109SP)	4	3	2
	B212/412	4	3	2
	AW139	6	5	4
	AW189	TRI Initial Course Required	6	5
	AW169	TRI Initial Course Required	5	4

## NOTES:

\*If the TRI Extension training is carried out in FFS only, the privileges of the TRI will be restricted to training in FFS (i.a.w. FCL.910.TRI(a)) If the Assessment of Competence is performed on the FFS, the TRI Certificate will be restricted to flight instruction on FFS (i.a.w. FCL.910.TRI(a) & FCL.935.TRI).

\*\* This course is available for the A109S Trekker helicopter model as well. Content and duration of the applicable training programme will be the ones valid at the moment of training delivery.

**Pilot Courses**Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

Please note that, together with Type Rating courses for Instructor Pilots, the Leonardo Training Academy is pleased to offer additional training courses for Instructor Pilots as follows:

- Type Rating Instructor Refresh course, for revalidation and renewal of the certificate expired from less than 1 year
- Type Rating Instructor Refresh course, for revalidation and renewal of the certificate expired from more than 1 year
- Type Rating Instructor Bridge course, from Single Pilot Multi Engine to Multi Pilot Multi Engine
- Instrument Rating Instructor – IRI(H)
- Multi Crew Cooperation Initial Issue for Instructor Pilots
- Multi Crew Cooperation Extension for Instructor Pilots

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The scope of the IOS Training is to provide the student with knowledge and skills required to operate the Instructor Operator Station (IOS).

At the end of the course, the pilot will be able to correctly set, control and manage training on simulators.

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be at least 18 years of age;
- Hold an appropriate Medical Certificate;
- Satisfy all of the psychological and physical requirements
- Have a good English language knowledge both written and spoken (Part-FCL level 4: Operational)
- Hold or have held at least a CPL(H);
- Have or have held a Type Rating on the applicable type (Medallion Series i.e. A109E – AW139) (Series 3000 i.e. AW139 – AW189) (Rega FFS i.e. AW109SP)

# INSTRUCTOR OPERATING STATION TRAINING COURSE

## Training Content

### Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

### IOS Training – Module A – Medallion Series FFS

MODEL	P/N	GROUND	OTD	FFS	HELICOPTER	SKILL TEST
A109E	0E-T-K46-PAW			4		
AW139 # 1	30-T-K47-PAW			4		
A109LUH	*					
A109N	*					

### IOS Training – Module B – Medallion Series 3000 FFS

MODEL	P/N	GROUND	OTD	FFS	HELICOPTER	SKILL TEST
AW139 # 3	30-T-K48-PAW			4		
AW189	80-T-K50-PAW			4		
AW169	60-T-K49-PAW			4		

### IOS Training – Combination of Modules (Module A + Module B)

MODEL	P/N	GROUND	OTD	FFS	HELICOPTER	SKILL TEST
A109E/A109LUH/A109N, AW139 # 1 AW139 # 3 & AW189				8		

### REGA FTD level III/FFS B

MODEL	P/N	GROUND	OTD	FFS	HELICOPTER	SKILL TEST
AW109SP	0P-T-K51-PAW			4		

NOTES:

\* Available upon request

**Approval** Part FCL**Certificate** Certificate of Training Successfully Passed**Scope of Training** The scope of the SFI(H) Training is to train pilots to the level of competences necessary for obtaining the issue/extension/renewal of a SFI(H) certificate.

At the end of the training course the attending pilot must be able to provide synthetic flight training to other pilots in possession of the necessary pre requisites.

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:  
Be at least 18 years of age;

- Hold an appropriate Medical Certificate;
- Satisfy all of the psychological and physical requirements
- Have a good English language knowledge both written and spoken (Part-FCL level 4: Operational)
- Hold or have held at least a CPL(H);
- Have completed the proficiency check for the issue of the specific type rating in an FFS representing the applicable type, within the 12 months preceding the application;
- In the case of single-pilot multi-engine helicopters, completed 500 hours as a pilot of helicopters, including 100 hours as PIC on single-pilot multi-engine helicopters;
- In the case of multi-pilot helicopters, at least 1000 hours of flying experience as a pilot on helicopters, including at least 350 hours as pilot on multi-pilot helicopters;

**NOTES:**

- An applicant for a SFI(H) certificate who holds or have held further instructor certificate will be credited with teaching and learning skills already demonstrated for the instructor certificate held.
- An applicant for a SFI(H) certificate who holds a TRI(H) certificate for the relevant type will be fully credited towards the requirements for the issue of a SFI(H).
- An applicant for a SFI(H) certificate who have already attended a training on the specific IOS of the relevant FSTD, will be fully credited towards the IOS training.
- An applicant for a SFI(H) certificate who have already completed the FFS content of the relevant TR course, will be fully credited towards the FFS type rating training



## Training Content

TABLE 1 below refers to the program for an Initial Issue of a SFI qualification.

S.F.I. TRAINING - INITIAL ISSUE						
MODEL	P/N*	GROUND**	OTD	FFS	HELICOPTER	Assessment of Competence
AW119						
AW109E		35 + IOS Course		The FFS content of the applicable TR course. The TRI Initial flight training course on the FFS only.	1 h of flight time on the flight deck***	FFS****
AW109S						
AW109SP						
AW139						
AW189						
AW169						

## NOTES:

\* Available upon request

\*\* The 35 hours of Ground school include 25 hours of Teaching and Learning and 10 hours of Technical Training. If the student has already attended the Teaching and Learning course, he will only perform the Technical Training.

\*\*\* The SFI Applicant shall complete, as a Pilot or observer, at least 1 h of flight time on the flight deck of the applicable type, within the 12 months preceding the application. (i.a.w. FCL.915.SFI(e)(1))

\*\*\*\* The SFI Assessment of Competence should consist of at least 3 hours of flight instruction related to the duties of a SFI on the applicable FFS or FTD 2/3 (i.a.w. AWC4 FCL.935).

## Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

**Training Content** TABLE 2 below refers to the program for an SFI extension to another helicopter type.

S.F.I. TRAINING – TYPE EXTENSION						
MODEL	P/N*	GROUND	OTD	FFS	HELICOPTER	Assessment of Competence
AW119						
AW109E		IOS Course		The FFS content of the applicable Type Rating**		FFS***
AW109S						
AW109SP						
AW139						
AW189						
AW169						

**NOTES:**

\* Available upon request

\*\* The Assessment of Competence will be performed on the FFS.

\*\*\* Conduct on a complete Type Rating course, at least 3 hours as SFI under supervision and to the satisfaction of a TRE expert.

Please note that Leonardo Training Academy is pleased to offer additional training courses for Synthetic Flight Instructors as follows:

- Synthetic Flight Instructor Refresh course, for revalidation and renewal of the certificate expired from less than 1 year
- Synthetic Flight Instructor Refresh course, for revalidation and renewal of the certificate expired from more than 1 year
- Synthetic Flight Instructor Bridge course, from Single Pilot Multi Engine to Multi Pilot Multi Engine
- Instrument Rating Instructor for Simulator Flight Instructor (IR Limitation Removal)
- Multi Crew Cooperation Initial Issue for Instructor Pilots
- Multi Crew Cooperation Extension for Instructor Pilots

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

## ADVANCED TRAINING COURSES



# Advanced Training Courses

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- ▶ ADVANCED TRAINING COURSES CAT. A
- ▶ OIL AND GAS ADVANCED TRAINING COURSES
- ▶ SEARCH AND RESCUE ADVANCED TRAINING COURSES
- ▶ LAW ENFORCEMENT ADVANCED TRAINING COURSES
- ▶ HEMS ADVANCED TRAINING COURSES

## Advanced Training Courses

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**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** At the end of the course, the pilot will be able to perform these maneuvers safely in accordance with the standard required by Leonardo Training Academy.

Advanced Courses are divided into different training patterns according to the helicopter mission profile:

- Oil and Gas
- Search and Rescue (SAR)
- Law Enforcement
- Emergency Medical Service (EMS)
- VIP

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Hold a valid Helicopter Pilot's license (civil and/or military equivalent);
- Hold an appropriate Medical Certificate;
- Satisfy all of the psychological and physical requirements;
- Have a good knowledge of the English language both written and spoken (Part-FCL level 4: Operational)
- Hold the Type rating for the helicopter on which the Advanced training will be carried out

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

**Scope** The scope of the Advance Training Courses Cat. A is to supply the student with training about the “Advance VFR” maneuvers performed in Cat. A.

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

ADVANCED TRAINING – CAT.A			
MODEL	P/N	FFS	HELICOPTER*
AW109E	0E-T-193-PAW	4	
AW109S	**		4
AW109SP	0P-T-423-PAW	4	
AW139	30-T-730-PAW	6	
AW189	**	4	
AW169	60-T-I34-PAW	4	

**NOTES:**

\* Under request the Advance Training Course Cat. A can be performed on real helicopter. The training course duration will be adjusted accordingly.

\*\*P/N Available upon request

**Scope** The scope of the Oil and Gas Advanced Training course is to train attending pilots to further explore the flying techniques learned during the Type Rating Course in accordance with the Oil and Gas mission profile.

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

ADVANCED TRAINING – OIL AND GAS		
MODEL	P/N	FFS
AW139	30-T-F37-PAW	10
AW189	80-T-G06-PAW	
AW169	60-T-G13-PAW	



**Scope** The scope of the Search and Rescue Advanced Training course is to train attending pilots to further explore the flying techniques learned during the Type Rating Course in accordance with SAR mission profile.

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

ADVANCED TRAINING – SEARCH AND RESCUE		
MODEL	P/N	FFS
AW139	30-T-G03-PAW	8
AW189	80-T-G09-PAW	
AW169	60-T-G16-PAW	

**Scope** The scope of the Law Enforcement Advanced Training course is to train attending pilots to further explore the flying techniques learned during the Type Rating Course in accordance with Law Enforcement mission profile

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

ADVANCED TRAINING – LAW ENFORCEMENT		
MODEL	P/N	FFS
AW139	30-T-F41-PAW	10
AW189	80-T-G10-PAW	
AW169	60-T-F42-PAW	

**Scope** The scope of the Hems Advanced Training course is to train attending pilots to further explore the flying techniques learned during the Type Rating Course in accordance with Hems (Helicopter Emergency Medical Service) mission profile.

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

ADVANCED TRAINING – HEMS		
MODEL	P/N	FFS
AW139	30-T-G01-PAW	6
AW189	80-T-G07-PAW	
AW169	60-T-G14-PAW	

## PILOT OPERATIONAL TRAINING COURSES



# Pilot Operational Training Courses

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- ▶ SEARCH AND RESCUE TRAINING COURSES - SAR MODES COURSE
- ▶ SEARCH AND RESCUE – VFR TRAINING COURSE
- ▶ PILOT ADVANCED SAR OPERATIONS
- ▶ NIGHT VISION IMAGING SYSTEM TRAINING COURSES – MULTI PILOT OPERATION
- ▶ NIGHT VISION IMAGING SYSTEM – BASIC TRAINING COURSE
- ▶ NIGHT VISION IMAGING SYSTEM – RECURRENT TRAINING COURSE
- ▶ PERFORMANCE BASED NAVIGATION (PBN)
- ▶ LOW VISIBILITY TAKE OFF (LVTO)

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

The following pages have to be intended as a guide to the classroom and flight times required to deliver SAR training and operational courses for pilots. We need to highlight that relevant operating experience and helicopter configuration may require adjustment of the parameters given in this document in order to deliver the most appropriate training solution for the individual customers.

Furthermore, all SAR and Pilots Operational Courses which foresee a flight phase on real helicopter must be performed on Customer's own fully equipped helicopter at Customer's base. The complete list of the required equipment will be provided before the delivery of the course.

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The scope of the SAR Modes course is to enable the attending Pilot to fly the relevant helicopter model in all conditions with the AFCS SAR Modes option with full effectiveness and safety.

At the end of the training course the attending student must be able to operate all the functions of the AFCS SAR Modes option.

**Admission Requirements** In order to be admitted to this course, the attending Pilot must satisfy the following requirements:

- Have a valid Helicopter Pilot's license (civil and/or military equivalent);
- Hold a valid Medical Certificate.
- Have a current Type Rating for the helicopter on which the training will be carried out
- Satisfy all of the psychological and physical requirements
- Have a good knowledge of the English language both written and spoken (Part-FCL level 4: Operational)

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

## Training Content

The training activity consists of a Ground Course of one day classroom activity and a Flight Session on helicopter or simulator.

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

SAR MODES COURSE						
MODEL	P/N	COURSE TYPE	GROUND	OTD	FFS	HELICOPTER
AW139	30-T-580-PAW	SAR Modes	6			3
AW189	80-T-G37-PAW	SAR Modes	6			4



**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The scope of the Search and Rescue Training course is to provide the attending Pilot with an introduction to basic Search and Rescue techniques.  
At the end of the course, the attending pilot will be able to perform basic Search and Rescue maneuvers safely and in accordance with the standards required by Leonardo Training Academy.

**Admission Requirements** The admission requirements for this training are different for each of the three modules which constitute the course.

In order to attend an Over Land SAR Type Rating training module, a pilot has to:

- Hold a valid Helicopter Pilot's license (civil and/or military equivalent);
- Hold a valid Medical Certificate;
- Have a good knowledge of the English language both written and spoken (Part-FCL level 4: Operational);
- Hold the Type Rating for the relevant helicopter model;
- Hold the VFR Night Rating;
- Have 350 hours on the specific helicopter model.

In order to attend a SAR Navigation Mode training module a pilot has to:

- Hold a valid Helicopter Pilot's license (civil and/or military equivalent);
- Hold a valid Medical Certificate;
- Have a good knowledge of the English language both written and spoken (Part-FCL level 4: Operational);
- Hold the Type Rating for the relevant helicopter model;
- Hold the VFR Night Rating;
- Have 350 hours on the specific helicopter model;
- Hold the IFR Rating for the specific helicopter model.

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

Admission  
Requirements

In order to attend a SAR Maritime Mode training module a pilot has to:

- Hold a valid Helicopter Pilot's license (civil and/or military equivalent);
- Hold a valid Medical Certificate;
- Have a good knowledge of the English language both written and spoken (Part-FCL level 4: Operational);
- Hold the Type Rating for the relevant helicopter model;
- Hold the VFR Night Rating;
- Have 350 hours on the specific helicopter model;
- Hold the IFR Rating for the specific helicopter model.

## Training Content

The training program is divided into three modules:

SEARCH AND RESCUE VFR TRAINING COURSE					
MODULES	COURSE TYPE	GROUND	OTD	FFS	HELICOPTER
MODULE 1	SAR Over Land Mode - VFR	10 (2 days)			4,5
	SAR Over Land Mode - Night				3
MODULE 2	SAR Navigation Mode - VFR	10 (2 days)			2
	SAR Navigation Mode - Night				2
MODULE 3	SAR Maritime Mode - VFR	10 (2 days)			4,5
	SAR Maritime Mode - Night				4,5

## NOTES:

*The flight phase can be performed on FFS according to AgustaWestland availability*

*The total duration of the training is 2 weeks for each module*

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** This course is designed for helicopter pilots in possession of a current Part FCL License or the equivalent license issued by a military or regulatory agency and holding a current flying medical category. The aim of the course is to allow the attending pilots to safely conduct SAR Overland/Overwater operations with the applicable helicopter model. The training will cover only daytime operations.

In accordance with Customer's operating role the course is divided in two alternative Modules:

- Overland Day Time, including: Confined Area, Stretcher & hi-line
- Overwater Day Time, including, between the others: Single/Double Lifts, Life Rafts and Rescue Basket Lifts;

**Admission Requirements** In order to be admitted to the course, the attending Pilots must:

- Hold a valid Helicopter pilot license (Civil and/or Military);
- Hold a valid Type Rating on the applicable helicopter model;
- Have a good knowledge of the English language both written and spoken - ICAO Level 4 or • equivalent;
- Hold a current medical flying category;

**Training Content**

PILOT ADVANCED SAR OPERATIONS			
MODULE	GROUND	FFS	HELICOPTER
Overland Day Time	2 days	4	6
Overwater Day Time	2 days	8	6

NOTES:

*The flight phase at Customer's premises on Customer's own helicopter to be intended as optional, subject to TA evaluation.*

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

In order to tailor the Night Vision Imaging System Training to the actual Customer's needs, Leonardo Training Academy has designed several training courses based on the pilot's personal experience in NVG environment.

With this objective, Leonardo Training Academy can offer Basic Training for unskilled personnel (e.g. Basic Training Course) or Training for skilled personnel (e.g. Basic Training Course for Night Expert or Basic Training Course for Night Expert with previous (Military) NVG experience) with previous experience in night training or NVG scenario. In addition to these, other training programs like Recurrent and Refresher courses can be proposed. Here below are the main courses proposed

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The scope of the Night Vision Imaging System Initial Training course is:

- To allow the attending pilots to safely conduct night operations with the use of Night Vision Goggles (NVG);
- To allow the attending pilots to understand the basic principles of operation of NVG goggles and familiarize with the use of the device in flight under normal and emergency condition.

**Admission Requirements** In order to be admitted to the course supplied by Leonardo Training Academy, the attending Pilots must:

- Hold a valid Helicopter Pilot's license (civil and/or military equivalent)
- Hold a valid Medical Certificate
- Have a good written and spoken command of the English Language - ICAO Level 4 is mandatory
- Hold a valid VFR/IFR Type Rating on the specific helicopter model (civil and/or military equivalent)
- Have at least 20 flight hours (min 10 flight hours on type) as PIC night VFR

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

## Training Content

NIGHT VISION IMAGING SYSTEM – BASIC TRAINING COURSE*						
MODEL	P/N	GROUND	OTD	FFS	HELICOPTER	SKILL TEST
AW109E	0E-T-819-PAW	12		12 PF + 12 PNF***	6	1,5
AW109S	**					
AW109SP	0P-T-F98-PAW					
AW139	30-T-821-PAW					
AW189	80-T-G11-PAW					
AW169	60-T-G17-PAW					

## NOTES:

\*The Night Vision Imaging Systems – Initial Training Course allows the flight and navigation at an altitude not less than 500 ft. including take-off and landing in pre-recognized sites only. The flight portion on the helicopter will be completed at Customer's premises on Customer's helicopter that will be made available for this purpose.

\*\* Available upon request.

\*\*\* The course shall be attended by a complete crew consisting of two crew members. During FFS training one flight crew member will operate as PF and the other member as PNF during maneuvers/procedures of the scheduled sorties.

Please note that Leonardo Training Academy is pleased to offer additional courses for Night Vision Imaging System training as follows:

- Basic Training Course IF phase (for Pilots with no IFR rating);
- Basic Training Course for night expert;
- Basic Training Course for night expert with previous NVG experience;
- NVIS Refresh Course.
- NVIS Conversion To Type

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The scope of the Night Vision Imaging System Recurrent course is to retrain the pilot in the use of NVGs.

**Admission Requirements** In order to be admitted to the course supplied by Leonardo Training Academy, the attending Pilots must:

- Hold a valid helicopter pilot's license (civil and/or military equivalent);
- Hold a current flying medical category;
- Have a good knowledge of the English language both written and spoken (ICAO Level 4 is mandatory);
- Hold a valid Type Rating on the specific helicopter model (civil and/or military equivalent) with recent flight experience in NVG;

**Notes:**

*The applicant pilots and technical crew members conducting NVIS operations shall have completed three NVIS flights in the last 90 days.*

*Recency may be re-established on a training flight in the helicopter or an approved Full Flight Simulator (SPA.NVIS.130)*

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

## Training Content

NIGHT VISION IMAGING SYSTEM – RECURRENT TRAINING COURSE						
MODEL	P/N	GROUND	OTD	FFS	HELICOPTER	SKILL TEST
AW109E	0E-T-F92-PAW	6**		4 PF + 4 PNF***		
AW109S	*					
AW109SP	0P-T-F99-PAW					
AW139	30-T-G05-PAW					
AW189	80-T-G12-PAW					
AW169	60-T-G18-PAW					

## NOTE:

\* Available upon request.

\*\* The Ground Phase of 6 hours is Available upon request

\*\*\* The course shall be attended by a complete crew consisting of two crew members. During FFS training one flight crew member will operate as PF and the other member as PNF during maneuvers/procedures of the scheduled sorties.

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses



**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The training is aimed at flight crews and is safety oriented: it provides all the theoretical knowledge and practical training necessary to operate, with competence and confidence, these new methods of modern navigation. The aim of PBN Flight Crew Qualification training is to provide pilots already holding an instrument rating (IR) the theoretical and practical knowledge necessary to comply with the 'new' concepts of operations or new navigation systems outlined by the Performance Based Navigation (PBN). The training programme is design for module delivery and includes ground segment training, practical training segment.

**Admission Requirements** In order to be admitted to the course, the attending Pilots must:

- Hold a valid helicopter pilot's license (civil and/or military equivalent);
- Hold a current flying medical category;
- Have a good knowledge of the English language both written and spoken;
- Hold a valid Type Rating on the relevant Helicopter Model;
- Valid Instrument Rating (IR) SPO ; or
- Valid Instrument Rating (IR) MPO; or
- Valid Instrument Rating (IR) SPO/MPO

**Training Content**

PERFORMANCE BASED NAVIGATION (PBN)	
GROUND	FFS
2 days	4 plus Skill Test*

NOTE:

\*The Proficiency Check will be minimum 1Hr if IR only. However the PBN course may be combined with TR (LPC). In this case the check will be minimum 1.5 hr. if either SP or MP and minimum 2 hr. if SP/MP. The course duration (dual flight hours of instruction) must be intended as minimum hours and can be subject to changes, depending upon trainees' experience and/or performance. The duration of this course may be subject to changes and it will be the one applicable and approved at the time of delivery of the course.

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

# LOW VISIBILITY TAKE OFF (LVTO)

**Approval**

TA Specification

**Certificate**

Certificate of Training Attended

**Scope of Training**

The Low Visibility Take-Off (L.V.T.O.) course is designed as a Low Visibility Training Course for AW aircraft, to support an operator in the crew qualification process. The training and checking programme is conducted in accordance with a detailed syllabus and it's specific to the operation and the helicopter type.

**Admission Requirements**

In order to be admitted to the course, the attending Pilots must:

- Hold a valid helicopter pilot's license (civil and/or military equivalent);
- Hold a current flying medical category;
- Have a good knowledge of the English language both written and spoken;
- Hold a valid Type Rating on the relevant Helicopter Model;
- Hold a valid Instrument Rating (IR) MPO

**Training Content**

LOW VISIBILITY TAKE OFF (LVTO)	
GROUND	FFS
3 hours	2 plus Skill Test*

**NOTE:**

\*The Proficiency Check will be minimum 1Hr if IR only. When combined with TR (LPC), the check will be minimum 2 hrs However the course duration (dual flight hours of instruction) must be intended as minimum hours and can be subject to changes, depending upon trainees' experience and/or performance.

Please note that Leonardo Training Academy is pleased to offer additional courses for LVTO training as follows:

- LVTO Conversion Training
- LVTO Recurrent Training

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

## REAR CREW OPERATIONAL TRAINING COURSES



# Rear Crew Operational Courses

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- ▶ HELICOPTER HOIST OPERATOR COURSE
- ▶ AIRCREWMEN FAMILIARIZATION COURSE
- ▶ HELICOPTER HOIST OPERATION –  
CONVERSION TO TYPE
- ▶ HELICOPTER HOIST OPERATION – BASIC  
TRAINING PROGRAMME
- ▶ HELICOPTER HOIST OPERATOR  
OPERATIONS (OVERLAND/OVERWATER)
- ▶ TRAINING COURSES FOR REAR CREW
- ▶ FAST ROPING/RAPPELLING
- ▶ NIGHT VISION IMAGING SYSTEM COURSES  
FOR OPERATORS
- ▶ MISSION CONSOLE OPERATOR COURSES
- ▶ CARGO HOOK OPERATOR COURSES
- ▶ RESCUEMAN COURSES
- ▶ RESCUEMAN – CONVERSION TO TYPE
- ▶ RESCUEMAN – BASIC TRAINING  
PROGRAMME
- ▶ RESCUEMEN OPERATIONS  
(OVERLAND/OVERWATER)
- ▶ INSTRUCTOR – HOIST OPERATOR AND  
RESCUEMEN
- ▶ TRAINING SAR FOR FULL CREW

# HELICOPTER HOIST OPERATOR COURSE

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

In order to tailor the Helicopter Hoist Operator Training to the actual Customer's needs, Leonardo Training Academy has designed several training courses based on the individual student's level of experience in the Helicopter Hoist Operation (HHO) environment.

With this objective, Leonardo Training Academy can offer:

- Helicopter Hoist Operation - Conversion to Type;
- Helicopter Hoist Operation – Basic Training Programme;
- Helicopter Hoist Operation – Operations Training Courses.

The following pages have to be intended as a guide to the classroom and flight times required to deliver rear crew training courses. In many cases, customer requirements, operating experience and helicopter configuration may require adjustment of the parameters given in this document in order to deliver the most appropriate training solution for the individual customers.

Furthermore, all Rear Crew Operational Courses which foresee a flight phase on real helicopter must be performed on Customer's own fully equipped helicopter at Customer's base. The complete list of the required equipment will be provided before the delivery of the course.

# AIRCREWMEN FAMILIARIZATION COURSE

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

Approval TA Specification

Certificate Certificate of Training Attended

Scope of Training This course provides the students with the necessary understanding of the customer basic helicopter type and its systems/limitations required before commencing operational duties or further training on the type.

Admission Requirements In order to be admitted to this course, the attending students must:

- Hold a current flying medical category
- Have a good knowledge of the English language both written and spoken

Training Content

AIRCREWMEN FAMILIARIZATION COURSE			
MODEL*	P/N	GROUND	HELICOPTER
AW119Kx	1X-T-H94-PAW	3 days**	
A109Series	*		
AW139	30-T-L03-PAW		
AW189	80-T-F28-PAW		
AW169	60-T-H95-PAW		

NOTES:

*\*Available upon request*

*\*\*Further 12 hours will be provided for students who are not familiar with the kits installed on the helicopter for hoist missions*

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** This course provides the students with the theoretical knowledge and practical skills necessary to perform basic operation with the rescue hoist system on the specific helicopter model.

This course is designed for day time training activity only and includes ground training followed by a flight portion to be performed on the helicopter.

**Admission Requirements** In order to be admitted to the course supplied by Leonardo Training Academy, the attending students must\*:

- Hold a current flying medical category
- Have a good knowledge of the English language both written and spoken
- Be Helicopter Hoist Operators (HHO) already qualified in their specialty on other helicopters and/or be experienced as HHOs according to applicable national rules.
- Have completed and successfully passed the Aircrewmen Familiarization Course on the relevant helicopter model

## Training Content

HELICOPTER HOIST OPERATOR COURSE – CONVERSION TO TYPE				
MODEL**	P/N***	GROUND	HELICOPTER	ASSESSMENT
AW139		2 days	4	
AW189				
AW169				

## NOTES:

\* One Customer Pilot and one Customer Air Crewman will be trained as a team by one Instructor Pilot and one Aircrew Instructor Operator.

In order to be admitted to the course the attending pilots must:

- be pilots already qualified and experienced in hoist operations and have a valid type rating on the helicopter type,
- have at least 20 flight hours experience as PIC on the helicopter type,
- be in possession of a current flying medical category,
- have a good knowledge of the English language both written and spoken (ICAO Level 4 as a minimum)

\*\* The helicopter models included in the table above have to be intended as a reference. The course in object is applicable to other AgustaWestland helicopter models including A109Series and A119.

\*\*\*Available upon request

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses



**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** This course provides the Ab-Initio or low experience students with the theoretical knowledge and practical skills necessary to perform basic operations with the rescue hoist system on the specific helicopter model.

The course is designed through a ground training progression of general aviation theory, conversion to type training and basic hoist operations, followed by a flight portion to be performed on the helicopter.

**Admission Requirements** In order to be admitted to this course, the attending students must\*:

- Hold a current flying medical category
- Have a good knowledge of the English language both written and spoken

**Training Content**

HELICOPTER HOIST OPERATION – BASIC TRAINING PROGRAMME				
MODEL **	P/N***	GROUND	HELICOPTER	ASSESSMENT
AW139		3 weeks	9	1,5
AW189				
AW169				

**NOTES:** \* One Customer Pilot and one Customer Air Crewman will be trained as a team by one Instructor Pilot and one Aircrew Instructor Operator.

In order to be admitted to the course the attending pilots must:

- be pilots already qualified and experienced in hoist operations and have a valid type rating on the helicopter type,
- have at least 20 flight hours experience as PIC on the helicopter type,
- be in possession of a current flying medical category,
- have a good knowledge of the English language both written and spoken (ICAO Level 4 as a minimum)

\*\* The helicopter models included in the table above have to be intended as a reference. The course in object is applicable to other AgustaWestland helicopter models including A109Series and A119.

\*\*\*Available upon request

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

# Rear Crew Operational Training Courses **HELICOPTER HOIST OPERATION – OPERATIONS (OVERLAND/OVERWATER)**

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The scope of the Helicopter Hoist Operator (HHO) Operations Courses is to provide experienced operators with the theoretical knowledge and practical skills that may be considered an exposure to Overland and Overwater operations to be performed with the relevant helicopter model.

The course is divided in two alternative modules:

- Overland Day Time
- Overwater Day Time

Both modules consist of a Ground phase followed by a Flight portion to be performed on the helicopter together with Customer's pilots.

**Admission Requirements** In order to be admitted to the course supplied by Leonardo Training Academy, the attending students must\*:

- Be in possession of a current flying medical category
- Have a good knowledge of the English language both written and spoken
- If already experienced, the attending students must have completed and successfully passed the Helicopter Hoist Operator (HHO) - Conversion To Type on the Helicopter model
- If Ab-Initio or low experience, the attending students must have completed and successfully passed the Helicopter Hoist Operator (HHO) – Basic Training Program

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

# Rear Crew Operational Training Courses **HELICOPTER HOIST OPERATION – OPERATIONS (OVERLAND/OVERWATER)**

## Training Content

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

HELICOPTER HOIST OPERATOR OPERATIONS – OVERLAND DAY TIME				
MODEL**	P/N***	GROUND	HELICOPTER	ASSESSMENT
AW139		3 days	6	1,5
AW189				
AW169				

HELICOPTER HOIST OPERATOR OPERATIONS – OVERWATER DAY TIME				
MODEL**	P/N***	GROUND	HELICOPTER	ASSESSMENT
AW139		3 days	6,5	1,5
AW189				
AW169				

### NOTES:

\* One Customer Pilot and one Customer Air Crewman will be trained as a team by one Instructor Pilot and one Aircrew Instructor Operator.

In order to be admitted to the course the attending pilots must:

- be pilots already qualified and experienced in hoist operations and have a valid type rating on the helicopter type,
- have at least 20 flight hours experience as PIC on the helicopter type,
- be in possession of a current flying medical category,
- have a good knowledge of the English language both written and spoken (ICAO Level 4 as a minimum)

\*\* The helicopter models included in the table above have to be intended as a reference. The course in object is applicable to other AgustaWestland helicopter models including A109Series and A119.

\*\*\* Available upon request

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

The courses identified hereinafter provide the necessary classroom and flight instruction to enable the student operator to be able to safely operate the specified role equipment as configured on the customer aircraft. Due to the variance of equipment available on the market and differing operating roles of customers, these courses will require appropriate individual training needs analysis in order to arrive at the correct training solution for customers requesting these courses.

The following pages have to be intended as a guide to the classroom and flight times required to deliver rear crew training courses. In many cases, customer requirements, operating experience and helicopter configuration may require adjustment of the parameters given in this document in order to deliver the most appropriate training solution for the individual customers.

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

### Approval

TA Specification

### Certificate

Certificate of Training Attended

### Scope of Training

This course is designed to provide an overview to achieve proficiency and safety in performance for fast rope/rappelling operation.

The Fast Roping/Rappelling Course consists of a Ground phase followed by a Flight portion to be performed on the helicopter together with Customer's pilots.

### Admission Requirements

In order to be admitted to the course supplied by Leonardo Training Academy, the attending students must\*:

- Be already qualified/experienced rear crew on other helicopter type(s);
- Have a good knowledge of the English language both written and spoken;
- Be in possession of a current flying medical category;
- If Ab-Initio or low experience, students must have successfully completed the Helicopter Hoist Operator – Basic Training Program.
- If hoisting operations are not required by the customer then the Aircrewmembers Familiarization Course and the General Aviation Theory (included under HHO – Basic Training Program Course) must be successfully completed before attending these courses.

# FAST ROPING/RAPPELLING

## Training Content

FAST ROPING/ RAPPELLING				
MODEL**	P/N***	GROUND	HELICOPTER	ASSESSMENT
AW139		2 days	3	
AW189				
AW169				

### NOTES:

\* One Customer Pilot and one Customer Air Crewman will be trained as a team by one Instructor Pilot and one Aircrew Instructor Operator.

In order to be admitted to the course the attending pilots must:

- be pilots already qualified and experienced in hoist operations and have a valid type rating on the helicopter type,
- have at least 20 flight hours experience as PIC on the helicopter type,
- be in possession of a current flying medical category,
- have a good knowledge of the English language both written and spoken (ICAO Level 4 as a minimum)

\*\* The helicopter models included in the table above have to be intended as a reference. The course in object is applicable to other AgustaWestland helicopter models including A109Series and A119.

\*\*\*Available upon request

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

### Approval

TA Specification

### Certificate

Certificate of Training Attended

### Scope of Training

The aim of the course is:

- To allow the attending operator to safely conduct night operations with the use of Night Vision Goggles (NVG);
- To allow the attending operator to understand the basic principles of operation of the NVG goggles and familiarize with the use of the device in flight.
- The course includes Day/Night Time Training activity.

### Admission Requirements

In order to be admitted to the course supplied by Leonardo Training Academy, the attending students must\*:

- Be already qualified/experienced rear crew on other helicopter type(s);
- Have a good knowledge of the English language both written and spoken;
- Be in possession of a current flying medical category;
- If Ab-Initio or low experience, students must have successfully completed the Helicopter Hoist Operator (HHO) – Basic Training Program.
- If hoisting operations are not required by the Customer then the Aircrewmembers Familiarization Course and the General Aviation Theory (included under HHO – Basic Training Program Course) must be successfully completed before attending these courses.

## Training Content

NIGHT VISION IMAGING SYSTEM COURSES FOR OPERATOR				
MODEL **	P/N ***	GROUND	HELICOPTER	ASSESSMENT
AW139		3 days	3	1,5
AW189				
AW169				

## NOTES:

\* One Customer Pilot and one Customer Air Crewman will be trained as a team by one Instructor Pilot and one Aircrew Instructor Operator.

In order to be admitted to the course the attending pilots must:

- be pilots already qualified and experienced in hoist operations and have a valid type rating on the helicopter type,
- have at least 20 flight hours experience as PIC on the helicopter type,
- be in possession of a current flying medical category,
- have a good knowledge of the English language both written and spoken (ICAO Level 4 as a minimum)

\*\* The helicopter models included in the table above have to be intended as a reference. The course in object is applicable to other AgustaWestland helicopter models including A109Series and A119.

\*\*\*Available upon request

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses



Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

### Approval

TA Specification

### Certificate

Certificate of Training Attended

### Scope of Training

The scope of the Mission Console Operator Course is to provide the students with the theoretical knowledge and practical skills necessary to perform basic operation of the systems that can be controlled from the mission console/workstation in the cabin.

This course consists of a Ground phase, including Classroom specific training and a ground portion to be performed on the helicopter, followed by a Flight portion on the helicopter together with Customer's pilots.

### Admission Requirements

In order to be admitted to the course supplied by Leonardo Training Academy , the attending students must\*:

- Be in possession of a current flying medical category
- Have a good knowledge of the English language both written and spoken
- Be familiar with FLIR theory
- Be familiar with principles of general aviation theory (ATC , comms, meteorology, navigation, altimetry, CRM and human factors)
- Have successfully completed the Aircrewmen Familiarization Course

## Training Content

MISSION CONSOLE OPERATOR COURSES				
MODEL**	P/N***	GROUND	HELICOPTER	ASSESSMENT
AW139		1 week	5	
AW189				
AW169				

### NOTES:

\*One Customer Pilot and one Customer Air Crewman will be trained as a team by one Instructor Pilot and one Aircrew Instructor Operator.

In order to be admitted to the course the attending pilots must:

- be pilots already qualified and experienced in hoist operations and have a valid type rating on the helicopter type,
- have at least 20 flight hours experience as PIC on the helicopter type,
- be in possession of a current flying medical category,
- have a good knowledge of the English language both written and spoken (ICAO Level 4 as a minimum)

\*\* The helicopter models included in the table above have to be intended as a reference. The course in object is applicable to other AgustaWestland helicopter models including A109Series and A119.

\*\*\*Available upon request

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The aim of the course is to provide the students with the theoretical knowledge and practical skills necessary to perform basic operation with the Cargo Hook Systems.

This course consists of a Ground phase, including Classroom specific training and a ground portion to be performed on the helicopter, followed by a Flight portion on the helicopter together with Customer's pilots.

**Admission Requirements** In order to be admitted to the course supplied by Leonardo Training Academy, the attending students must\*:

- Be already qualified/experienced rear crew on other helicopter type(s);
- Have a good knowledge of the English language both written and spoken;
- Be in possession of a current flying medical category;
- If Ab-Initio or low experience, students must have successfully completed the Helicopter Hoist Operator (HHO) – Basic Training Program.
- If hoisting operations are not required by the Customer then the Rear Crew Familiarization Course and the General Aviation Theory (included under HHO – Basic Training Program Course) must be successfully completed before attending these courses.

## CARGO HOOK OPERATOR COURSES

## Training Content

CARGO HOOK OPERATOR COURSE				
MODEL*	P/N**	GROUND	HELICOPTER	ASSESSMENT
AW139		2 days	3	
AW189				
AW169				

## NOTES:

\*One Customer Pilot and one Customer Air Crewman will be trained as a team by one Instructor Pilot and one Aircrew Instructor Operator.

In order to be admitted to the course the attending pilots must:

- be pilots already qualified and experienced in hoist operations and have a valid type rating on the helicopter type,
- have at least 30 flight hours experience as PIC on the helicopter type,
- be in possession of a current flying medical category,
- have a good knowledge of the English language both written and spoken (ICAO Level 4 as a minimum)

\*\* The helicopter models included in the table above have to be intended as a reference. The course in object is applicable to other AgustaWestland helicopter models including A109Series and A119.

\*\*\*Available upon request

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

In order to tailor the Rescueman Training to the actual Customer's needs, Leonardo Training Academy has designed several training courses based on the personnel's experience in helicopter rescue operations.

With this objective, Leonardo Training Academy can offer:

- Rescueman Conversion to Type;
- Rescueman Basic Training Programme;
- Rescueman Operations Training Courses.

# RESCUEMAN – CONVERSION TO TYPE

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** This course provides the students with theoretical knowledge and practical skills necessary to perform basic rescue operation on the specific helicopters model. This course is designed for day time activity only and includes ground training followed by a flight portion to be performed on the helicopter.

**Admission Requirements** In order to be admitted to the course supplied by Leonardo Training Academy, the attending students must\*:

- Hold a current flying medical category
- Have a good knowledge of the English language both written and spoken
- Be Rescuemen already qualified in their specialty on other helicopter model and/or be experienced as Rescuemen according to the applicable national rules
- have successfully completed the Aircrewmen Familiarization Course

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

# RESCUEMAN – CONVERSION TO TYPE

## Training Content

RESCUEMAN - CONVERSION TO TYPE				
MODEL**	P/N***	GROUND	HELICOPTER	ASSESSMENT
AW139		2 days	2 (+2 H)****	
AW189				
AW169				

### NOTES:

\* One Customer Pilot and one Customer Rescueman will be trained as a team by one Instructor Pilot and one Rescueman Instructor.

In order to be admitted to the course the attending pilots must:

- be pilots already qualified and experienced in hoist operations and have a valid type rating on the helicopter type,
- have at least 20 flight hours experience as PIC on the helicopter type,
- be in possession of a current flying medical category,
- have a good knowledge of the English language both written and spoken (ICAO Level 4 as a minimum)

\*\* The helicopter models included in the table above have to be intended as a reference. The course in object is applicable to other AgustaWestland helicopter models including A109Series and A119.

\*\*\*Available upon request

\*\*\*\*Overland (+ Overwater if Customer role requires)

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

Approval TA Specification

Certificate Certificate of Training Attended

Scope of Training This course provides the students with the theoretical knowledge and practical skills required to perform basic rescue operations and covers the necessary aspects of helicopter safety, emergency response, preparation, hazard mitigation and technical rescue.

This course is designed through ground training including general aviation theory, conversion to type training and basic Rescueman operations followed by a flight phase on the customer helicopter.

Admission Requirements In order to be admitted to the course supplied by Leonardo Training Academy, the attending students must\*:

- Have a good knowledge of the English language both written and spoken
- Hold a current medical flying category
- Have the correct level physical fitness required for the role



## Training Content

RESCUEMAN - BASIC TRAINING PROGRAMME				
MODEL **	P/N***	GROUND	HELICOPTER	ASSESSMENT
AW139		2,5 weeks	8	1,5
AW189				
AW169				

### NOTES:

*\*One Customer Pilot and one Customer Rescueman will be trained as a team by one Instructor Pilot and one Rescueman Instructor.*

*In order to be admitted to the course the attending pilots must:*

- be pilots already qualified and experienced in hoist operations and have a valid type rating on the helicopter type,*
- have at least 20 flight hours experience as PIC on the helicopter type,*
- be in possession of a current flying medical category,*
- have a good knowledge of the English language both written and spoken (ICAO Level 4 as a minimum)*

*\*\* The helicopter models included in the table above have to be intended as a reference. The course in object is applicable to other AgustaWestland helicopter models including A109Series and A119.*

*\*\*\*Available upon request*

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The scope of this course is to provide experienced operators with the theoretical knowledge and practical skills that may be considered an exposure to Overland and Overwater operations to be performed with the relevant helicopter model.

The course is divided in two alternative modules:

- Overland Day Time
- Overwater Day Time.

Both modules consist of a Ground phase followed by a Flight portion to be performed on the helicopter together with Customer's pilots.

**Admission Requirements** In order to be admitted to the course supplied by Leonardo Training Academy , the attending students must\*:

- Have a good knowledge of the English language both written and spoken;
- Be in possession of a current flying medical category.
- If already qualified, the attending students must have completed and successfully passed the Rear Crew Familiarization Course on the Helicopter model.
- If Ab-Initio or low experience students, the attending students must have completed and successfully passed the Rescuemen Basic Course Training Program.

## Training Content

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

RESCUE MEN OPERATIONS TRAINING COURSE – OVERLAND DAY TIME				
MODEL **	P/N***	GROUND	HELICOPTER	ASSESSMENT
AW139		3 days	6	1,5
AW189				
AW169				

RESCUE MEN OPERATIONS TRAINING COURSE – OVERWATER DAY TIME				
MODEL **	P/N***	GROUND	HELICOPTER	ASSESSMENT
AW139		1 week****	6	1,5
AW189				
AW169				

## NOTES:

\* One Customer Pilot and one Customer Rescueman will be trained as a team by one Instructor Pilot and one Rescueman Instructor.

In order to be admitted to the course the attending students must:

- be pilots already qualified and experienced in hoist operations and have a valid type rating on the helicopter type,
- have at least 20 flight hours experience as PIC on the helicopter type,
- be in possession of a current flying medical category,
- have a good knowledge of the English language both written and spoken (ICAO Level 4 as a minimum)

\*\* The helicopter models included in the table above have to be intended as a reference. The course in object is applicable to other AgustaWestland helicopter models including A109Series and A119.

\*\*\*Available upon request

\*\*\*\*Swimming Pool

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

## Approval

TA Specification

## Certificate

Certificate of Training Attended

## Scope of Training

This course delivers ground and flight instruction to experienced hoist operators and rescuemen to enable them with the necessary skills required in order to teach effectively and safely in the classroom and airborne environments

## Admission Requirements

In order to be admitted to the course supplied by Leonardo Training Academy , the attending students must\*:

- Have a good knowledge of the English language both written and spoken;
- Hold a current medical flying category;
- Be already qualified in his specialization with at least 500 flight hours experience in the customer operating role.
- Be assessed by the customer authority as being above average ability in his specialization and personal qualities

## Training Content

INSTRUCTOR – HOIST OPERATOR AND RESCUEMEN				
MODEL **	P/N***	GROUND	HELICOPTER	ASSESSMENT
AW139		2,5 weeks	8	1,5
AW189				
AW169				

## NOTES:

\* One Customer Pilot and one Customer Air Crewman / Rescueman will be trained as a team by one Instructor Pilot and one Air Crewman / Rescueman Instructor.

In order to be admitted to the course the attending pilots must:

- be pilots already qualified and experienced in hoist operations and have a valid type rating on the helicopter type,
- have at least 30 flight hours experience as PIC on the helicopter type,
- be in possession of a current flying medical category,
- have a good knowledge of the English language both written and spoken (ICAO Level 4 as a minimum)

This training does not authorize the attending instructors to conduct courses in name of the Seller.

\*\* The helicopter models included in the table above have to be intended as a reference. The course in object is applicable to other AgustaWestland helicopter models including A109Series and A119.

\*\*\*Available upon request

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** This course is designed for helicopter pilots, operators and rescuemen to act as a crew during SAR operations. The aim of this course is to provide experienced helicopter pilots, operators and rescuemen with the theoretical knowledge and practical skills that may be considered an exposure to SAR advanced operations.

In accordance with Customer's operating role the course is divided in four alternative Modules:

- Overland Day Time, including: Confined Area, Stretcher & hi-line;
- Overland Night Time;
- Overwater Day Time, including, between the others: Single/Double Lifts, Life Rafts and Rescue Basket Lifts;
- Overwater Night Time.

**Admission Requirements** In order to be admitted to the course supplied by Leonardo Training Academy , the attending Pilots must\*:

- Be pilots already qualified and experienced in rescue operation and with a valid type rating on the helicopter model;
- Have completed the Pilot Advanced SAR Operations on the helicopter model (Overland or Overwater accordingly);
- Be in possession of a current flying medical category;
- Have a good written and spoken command of the English language – ICAO Level 4 or equivalent.

### Admission Requirements

In order to be admitted to the course supplied by Leonardo Training Academy , the attending Hoist Operators must:

- Be Hoist Operators already qualified in their specialty in accordance with Customer's standards;
- If already qualified, the Hoist Operators must have completed and successfully passed the Helicopter Hoist Operator Conversion To Type on the helicopter model;
- if Ab-Initio or low experience students, the Hoist Operators must have completed and successfully passed the Helicopter Hoist Operator Basic Training Program on the helicopter model;
- Have completed and successfully passed the Module 4 - Helicopter Hoist Operator Operations (Overland/Overwater) on the helicopter model.
- Have a good written and spoken command of the English Language;
- Be in possession of a current flying medical category.

In order to be admitted to the course the attending Rescuemen must:

- Be Rescuemen already qualified in their specialty in accordance with Customer's standards;
- If already qualified, the Rescuemen must have completed and successfully passed the Rescuemen Conversion To Type on the helicopter model; if Ab-Initio or low experience students, the Hoist Operators must have completed and successfully passed the Rescuemen Basic Training Program on the helicopter model;
- Have completed and successfully passed the Rescuemen Operations (Overland/Overwater) on the helicopter model;
- Have a good written and spoken command of the English Language;
- Be in possession of a current flying medical category.

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

# TRAINING SAR FOR FULL CREW

Training Content

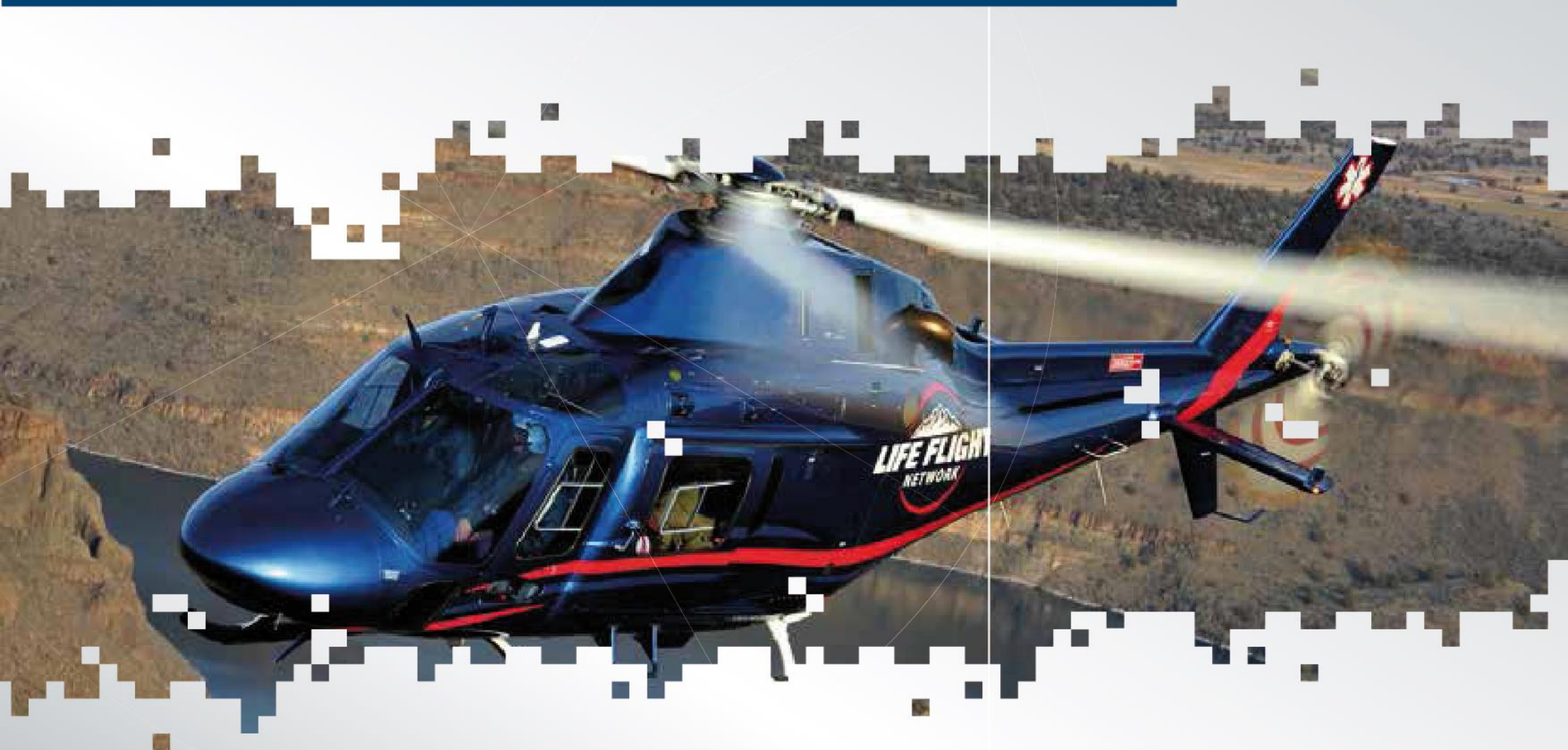
TRAINING SAR FOR FULL CREW			
MODULE	P/N*	GROUND	HELICOPTER
Overland Day Time		3 days	4,5
Overland Night Time**			6
Overwater DayTime		3 days	4,5
Overwater Night Time**			6

NOTES:  
\*Available upon request  
\*\* In order to be admitted to the Night Time portion of the “Training SAR for Full Crew” the students must have completed and successfully passed the Day Time portion of the course.

- Pilot Courses
- Advanced training courses
- Pilot operational training courses
- Rear crew operational training courses
- FAA training courses
- Basic Courses
- Technician Courses



## FAA TRAINING COURSES



# FAA Training Courses

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- ▶ FAA TYPE RATING
- ▶ FAA RECURRENT
- ▶ S.I.C. (SECOND IN COMMAND)
- ▶ UPGRADE TO FULL RATING FOR PILOT IN POSSESSION OF A SIC ONLY

The following pages present the FAA training courses that the market most frequently demands, however they are not all the products and services inside the Leonardo S.p.a. Helicopters Training Academy capabilities.

Other FAA training courses that the Leonardo S.p.a. Helicopters Training Academy is capable to provide are (not exhaustive list):

- Foreign License Holder Type Rating Training
- ATP Prior Experience Type Rating Training
- MP to SP Bridge Training
- LOFT Training
- Instructor Training
- Training Center Evaluator Training

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

## Approval

FAA Part 142

## Certificate

Certificate of Training Successfully Passed i.a.w. FAA regulation

## Scope of Training

The scope of this course is to provide FAA licensed pilots with fundamental skills and knowledge in order to be able to act as pilot in command or co-pilot on the specific helicopter model.

## Admission Requirements

In order to be admitted to this course, an attending student must satisfy the following requirements:

- Hold at least a valid FAA Private Certificate with Instrument privileges, Rotorcraft-Helicopter, OR
- Hold either a foreign airline transport pilot license with instrument privileges, or a foreign commercial pilot license with an instrument rating, issued by a contracting State to the Convention on International Civil Aviation that contains no geographical limitations.

This will also require:

- A Verification Letter from the FAA's Airmen Certification Branch AFS-760 valid until the completion of the planned qualification event (check ride) or a US private pilot certificate based on a foreign license, and
- Proof of having passed the appropriate FAA Written Knowledge Test within the preceding 24 calendar month before the completion of the planned qualification event (check ride), and
- Hold a valid foreign medical certificate.
- English proficient or at least English level 4 (ICAO level 4) on the foreign license.
- Non-US citizens must obtain TSA (Category 1 or 2) approval prior receiving instruction in the flight simulator (FFS).
- Attending pilots wanting to obtain an ATP certificate, must also meet the following requirements of FAR Part 61, Subpart G:
  - §61.153 (a),(b),(c),(d),(f),(g),(h),(i) - Eligibility Requirements
  - §61.157 (a),(b),(d),(e)(4) - Flight Proficiency
  - §61.161 - Aeronautical Experience

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

## Admission Requirements

NOTE 1: For the applicants that don't meet the experience requirements of Part 61.64 (a),(d),(f),(g) the type will be subject to PIC limitations (Supervised Operating Experience - SOE).

NOTE 2: If the applicant is applying based solely on the completion of the training and a practical test in a simulator, then a FAA medical certificate is not required. In order to exercise the privileges of a U.S. Airmen certificate, the pilot must hold an appropriate medical certificate.

## Training Content

The FAA Type Rating course is made of 3 parts or Segments:

- SEGMENT 1: This Segment provides the students with a theoretical knowledge of the helicopter's structure, its systems, characteristics and procedures.
- SEGMENT 2 & 3: The aim of this Segment is to provide VFR and IFR Training (including LOFT) on Full Flight Simulator.
- SEGMENT 4: Qualification Segment

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

FAA TYPE RATING COURSES								
MODEL	P/N	GROUND	OTD	FFS		HELICOPTER		QUALIFICATION*
				VFR	IFR	VFR	IFR	
AW139	30-T-015-PAW	60	6	12	10			3
AW189	80-T-L56-PAW	72	6	12	10			3

**NOTES:**

*\* If the applicant wishes to achieve the certificate without the "SIC required" limitation it is necessary to perform the training segment of the MP to SP course before the qualification segment. In this case both courses qualification segments will be embedded into a single event at the end of the training segments and the total length will be of at least 3.0 hrs.*

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

## Approval

FAA Part 142

## Certificate

Certificate of Training Successfully Passed i.a.w. FAA regulation

## Scope of Training

The scope of this course is to provide FAA licensed pilots with the knowledge and skills necessary to refresh theoretical and practical subjects as pilot in command or co-pilot of a specific helicopter.

## Admission Requirements

In order to be admitted to this course, an attending student must satisfy the following requirements:

- Hold at least a valid FAA private certificate with Instrument privileges, Rotorcraft-Helicopter, with the Type Rating on the applicable helicopter model (PIC or SIC, as appropriate).
- English proficient.
- Non US citizens must obtain TSA (category 4) approval prior receiving instruction in the flight simulator (FFS).

## Training Content

The course is made of 4 parts or segments:

- SEGMENT 1: This segment consists of ground instruction to allow the attending pilots to refresh their knowledge of the helicopter's structure and its systems.
- SEGMENT 2 & 3: This segment includes a review of normal flight maneuvers and emergency procedures in VFR and IFR Conditions.
- SEGMENT 4: Qualification Segment

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

FAA RECURRENT					
MODEL	P/N	GROUND	OTD	FFS	QUALIFICATION*
AW139	30-T-J88-PAW	2 days		4	3
AW189	80-T-L57-PAW	2 days		4	3

**NOTES:**

*\* If the applicant wishes to achieve the certificate without the "SIC required" limitation it is necessary to perform the training segment of the MP to SP course before the qualification segment. In this case both courses qualification segments will be embedded into a single event at the end of the training segments and the total length will be of at least 3.0 hrs.*

*For "SIC Only" type rated pilots, successful completion of the Ground Training and the Simulator Training Segments with an average or above performance evaluation constitutes successfully completion of the course and therefore the Qualification Segment is not required.*

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses



**Approval**

FAA Part 142

**Certificate**

Certificate of Training Successfully Passed i.a.w. FAA regulation

**Scope of Training**

The scope of this course is to enable a Pilot to achieve the Qualification as Second In Command – SIC

**Admission  
Requirements**

In order to be admitted to this course, an attending student must satisfy the following requirements:

- Hold at least a valid FAA Private Certificate with Instrument privileges, Rotorcraft-Helicopter
- English proficient.
- Non US citizens must obtain TSA (category 1 or 2) approval prior receiving instruction in the flight simulator.
- Proof of one take-off and one landing in the actual helicopter (CFR 14 Part 61.55 (j)) before the Qualification Segment.

**NOTES:**

If the applicant doesn't meet the above requirement within 12 months preceding the month of the QUALIFICATION SEGMENT then the TCE will not be able to issue the Temporary Certificate Form 8060-4.

In this case the applicant must appear in person, within 12 calendar months from the completion of the training, at a FAA Flight Standards District Office with his/her logbook/training records, including the one take-off and landing in the actual helicopter (CFR 14 Part 61.55 (j)), and with the completed and signed FAA Form 8710-1.

If the applicant is applying based solely on the completion of the training and a practical test in a simulator, then a FAA medical certificate is not required. In order to exercise the privileges of a U.S. Airmen certificate, the pilot must hold an appropriate medical certificate.

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

## Training Content

The course is made of 4 parts or segments:

- SEGMENT 1: This segment provides the student with a theoretical knowledge of the helicopter's systems, characteristics and procedures.
- SEGMENT 2 & 3: During this segment the student will be instructed on the basic use of the helicopter and its systems, performing normal, abnormal and emergency procedures. The in VFR and IFR conditions.
- SEGMENT 4: Qualification Segment.

### NOTES:

If the applicant does not meet the requirement of one take-off and one landing performed in the actual helicopter (CFR 14 Part 61.55 (j)) within 12 months preceding the month of the Qualification Segment then the TCE will not be able to issue the Temporary Certificate Form 8060-4. In this case the applicant must appear in person, within 12 calendar months from the completion of the training, at a FAA Flight Standards District Office with his/her logbook/training records, including the one take-off and landing in the actual helicopter (CFR 14 Part 61.55 (j)), and with the completed and signed FAA Form 8710-1.

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

FAA Training Courses

# S.I.C. (SECOND IN COMMAND)

- Pilot Courses
  - Advanced training courses
  - Pilot operational training courses
  - Rear crew operational training courses
- FAA training courses
- Basic Courses
- Technician Courses

SIC TYPE RATING COURSES								
MODEL	P/N	GROUND	OTD	FFS		HELICOPTER		QUALIFICATION
				VFR	IFR	VFR	IFR	
AW139	30-T-L91-PAW	30		4	4			1h Certification Procedure (on Ground)
AW189	80-T-027-PAW	30		4	4			1h Certification Procedure (on Ground)

## Approval

FAA Part 142

## Certificate

Certificate of Training Successfully Passed i.a.w. FAA regulation

## Scope of Training

The scope of this course is to complete PIC flight training in order to remove the "SIC privileges Only"

## Admission Requirements

In order to be admitted to this course, an attending student must satisfy the following requirements:

- Hold at least a valid FAA Private Certificate with Instrument privileges, Rotorcraft-Helicopter with a current AB/AW139 "SIC privileges only" Type Rating
- Having achieved the AB/AW139 SIC rating with Leonardo Helicopters (LH) TCO course AWTA.F7, or
  - Having performed the last AB/AW139 SIC recurrent training within LH TCO, course AWTA.F2, or
  - Demonstrate to have achieved the AB/AW139 SIC rating in another training organization that meets a level of training equivalent to the LH TCO course AWTA.F7 at the discretion of the LH TCO Head of Training.
- Failing to meet these requirements will entitle only to attend the full initial type rating course (AWTA.F1).
  - Have logged at least 300 FH total time on the AB/AW139 helicopter, of which 50 FH in the last 12 months.
  - English proficient.
- Non-US citizens must obtain TSA (category 4) approval prior receiving instruction in the flight simulator (FFS).
- Attending pilots wanting to obtain an ATP certificate, must meet the following requirements of FAR Part 61, Subpart G:
- Proof of having passed the appropriate FAA Written Knowledge Test within the preceding 24 calendar month before the completion of the planned qualification event (check ride)
  - §61.153 (a),(b),(c),(d),(f),(g),(h),(i) - Eligibility Requirements
  - §61.157 (a),(b),(d),(e)(4) - Flight Proficiency
  - §61.161 - Aeronautical Experience

**Admission  
Requirements**

NOTE 1: For the applicants that don't meet the experience requirements of Part 61.64(d) the type will be subject to PIC limitations (Supervised Operating Experience - SOE).

NOTE 2: If the applicant is applying based solely on the completion of the training and a practical test in a simulator, then a FAA medical certificate is not required. In order to exercise the privileges of a U.S. Airmen certificate, the pilot must hold an appropriate medical certificate.

**Training Content**

The course is divided in 4 parts, or segments:

- SEGMENT 1: The main objective of this segment is to provide the student with a thorough review of the helicopter's systems and procedures.
- SEGMENT 2 & 3: During this segment the student will be instructed on the basic use of the helicopter and its systems, performing normal, abnormal and emergency procedures. The in VFR and IFR conditions.
- SEGMENT 4: Qualification Segment.

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

UPGRADE TRAINING FROM SIC TO PIC								
MODEL	P/N	GROUND	OTD	FFS		HELICOPTER		QUALIFICATION
				VFR	IFR	VFR	IFR	
AW139*	30-T-M50-PAW	18		4	6			3
AW189	80-T-026-PAW	24		4	4			3

**NOTES:**

*\*This Training Programme will be applicable starting from the 1<sup>st</sup> January 2019.*

*Until the 31<sup>st</sup> December 2018, the Ground portion will consist of 12 hours classroom training.*

*For this reason, the content and duration of the "Upgrade training from SIC to PIC" provided will be the applicable and valid ones at the moment of training delivery.*

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

## BASIC COURSES



# Basic Courses

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- ▶ FIRST MULTI-ENGINE TURBINE COURSE (MET)
- ▶ GLASS COCKPIT AND AUTOMATION TRANSITION COURSE
- ▶ NIGHT QUALIFICATION(H)
- ▶ BASIC TRAINING – PPL(H)
- ▶ BASIC TRAINING – CPL(H) Modular Course
- ▶ MULTI ENGINE INSTRUMENT RATING (H)



# FIRST MULTI-ENGINE TURBINE COURSE (MET)

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The scope of this course is to provide attending pilots with the theoretical knowledge necessary to achieve the first type rating for a multi-engine turbine helicopter.

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be 16 Year old before the first Solo Flight
- Be 17 Year old (minimum for license achievement)
- Be Current Class 2 Medical Certificate
- Have a good English language knowledge both written and spoken

**Training Content** This theoretical course will allow the student to attend an “ab-initio” IR training course and/or attend the first VFR/IR Type Rating on a multiengine turbine helicopter.

FIRST MULTI-ENGINE TURBINE COURSE					
MODEL	P/N	GROUND	OTD	FFS	HELICOPTER
All	AA-T-351-PAW	30			

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The scope of this course is to provide attending students with an initial approach to Glass Cockpit technology introduced in the last generation helicopters.

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be in possession of a valid PPL(H), CPL(H) or ATPL(H)
- Hold a current flying medical certificate
- Have a good knowledge of the English language both written and spoken

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

**Training Content** The course includes typical Glass Cockpit layouts, Warning, Caution and Advisory messages visualisation, FMS typical display/pages including Communication and Navigation management.

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

GLASS COCKPIT AND AUTOMATION TRANSITION COURSE					
MODEL	P/N	GROUND	OTD	FFS	HELICOPTER
A109LUH	AA-T-M20-PAW	9			
AW109SP					
AW139					
AW189					
AW169					

*NOTE: This course is available for the A109S Trekker helicopter model as well. Content and duration of the applicable training programme will be the ones valid at the moment of training delivery.*

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The scope of this course is to qualify the attending pilots to exercise the privileges of their license at night.

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be in possession of a valid PPL(H), CPL(H) or ATPL(H)
- Hold a current flying medical certificate
- Have a good knowledge of the English language both written and spoken (Part-FCL level 4: Operational)
- Have completed 100 hours of flight time as pilot of helicopters after the issue of the license, including at least:
  - 60 hours as PIC
  - 20 hours of cross-country flight

**Training Class Size** The standard class size is 4 students.

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

**Training Content**

Leonardo Training Academy ATO has produced a program of theoretical knowledge instructions based on a total of 5 hours, covering all the disciplines, with a total of lessons depending on the complexity of the arguments presented, followed by a practical portion on a Single Engine Turbine helicopter as detailed in the table here below:

NIGHT QUALIFICATION					
MODEL	P/N	GROUND	OTD	FFS	HELICOPTER
All	AA-T-B44-PAW	5			15,5

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

**Approval**

Part FCL

**Certificate**

Certificate of Training Successfully Passed

**Scope of Training**

The scope of this course is to train the student pilot to fly safely and efficiently under Visual Flight Rules (VFR).

**Admission Requirements**

In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be 16 years old before the first Solo flight
- Be 17 years old (minimum for license achievement)
- Be in possession of a Current Class 2 Medical Certificate
- Have a good knowledge of the English language both written and spoken

**Training Class Size**

The standard class size is 4 students.

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

# BASIC TRAINING – PPL(H)

## Training Content

The Leonardo Training Academy ATO has produced a program of theoretical knowledge instructions based on a total of 100 hours, covering all the disciplines, with a total of lessons depending on the complexity of the arguments presented, followed by a practical portion on a Single Engine Turbine helicopter as detailed in the table here below:

PPL(H)		
THEORETICAL INSTRUCTION	HELICOPTER	SKILL TEST (H/C)
100 hrs*	50 hrs **	1 hr

### NOTES:

\* *Excluding mission ground and Qualifying Examinations*

\*\* *Excluding Night Qualification and Qualifying Test.*

*Subject to any other conditions in Part-FCL, an applicant shall be deemed to have successfully completed the theoretical examinations for the PPL(H) when awarded a pass in all parts within a period of 18 months. A pass in the theoretical knowledge examination will be accepted for the grant of the private pilot license during the 24 months from the date of successfully completing the examinations.*

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

## Approval

Part FCL

## Certificate

Certificate of Training Successfully Passed

## Scope of Training

The scope of this course is to train pilots to the level of proficiency necessary to enable them to be eligible for the issue of a CPL(H).

## Admission Requirements

In order to be admitted to this course, an attending student shall:

- Be the holder of a valid PPL(H) issued in accordance with Annex 1 to the Chicago Convention.
- Before commencing the flight training the applicant shall:
- (a) Have completed 155 hours flight time as a pilot in helicopters, including 50 hours as PIC of which 10 hours shall be cross-country;
  - (b) Have complied with FCL.725 and FCL.720.H if a multi-engine helicopter is to be used on the skill test:
    - **Multi-pilot helicopters.** An applicant for the first type rating course for a multi-pilot helicopter type shall:
      - (1) Have at least 70 hours as PIC on helicopters
      - (2) Except when the type rating course is combined with an MCC course:
        1. Hold a certificate of satisfactory completion of an MCC course in helicopters or
        2. Have at least 500 hours as a pilot on multi-pilot airplanes or
        3. Have at least 500 hours as a pilot in multi-pilot operations on multi-engine helicopters
      - (3) Have passed the ATPL(H) theoretical knowledge examinations

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses



## Approval

Part FCL

## Certificate

Certificate of Training Successfully Passed

## Scope of Training

The scope of this course is to train pilots to the level of proficiency necessary to enable them to be eligible for the issue of a CPL(H).

## Admission Requirements

- **Single-pilot multi-engine helicopters.** An applicant for the issue of a first type rating for a single-pilot multi-engine helicopter shall:
  - (1) Before starting flight training:
    - 1. Have passed the ATPL(H) theoretical knowledge examinations or
    - 2. Hold a certificate of completion of a pre-entry course conducted by an ATO
  - (2) In the case of applicants who have not completed an ATP(H)/IR, ATP(H), or CPL(H)/IR integrated training course, have completed at least 70 hours as PIC on helicopters
  - (c) Hold a valid Class 1 medical certificate (before starting practical training)
  - (d) Be at least 18 years of age
  - (e) Have a sufficient knowledge of Mathematics and Physics, to facilitate an understanding of the theoretical knowledge instruction content of the course, and
  - (f) Have a sufficient knowledge of English language that must at least determine the ability to understand and express in technical English and of the scientific matters is checked by the Head of Training or his delegate

## Training Class Size

The standard class size is 4 students.

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

# BASIC TRAINING – CPL(H) MODULAR COURSE

## Training Content

The Leonardo Training Academy ATO has produced a program of theoretical knowledge instructions based on a total of 252 hours, covering all the disciplines, with a total of lessons depending on the complexity of the arguments presented, followed by a practical portion on Single and Multi-Engine Turbine helicopters as detailed in the table here below:

CPL(H)		
THEORETICAL INSTRUCTION	HELICOPTER	SKILL TEST (H/C)
252 hrs	30 hrs*	1 hr

### NOTES:

*\* Excluding Night Qualification*

*The CPL modular course should last 18 months. This period may be extended where additional training is provided by the ATO. The flight instruction and skill test need to be completed within the period of validity of the pass in the theoretical examinations. An applicant to an CPL(H) modular course shall complete all the instructional stages in one continuous approved course of training as arranged by ATO.*

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

**Approval**

Part FCL

**Certificate**

Certificate of Training Successfully Passed

**Scope of Training**

The scope of this course is to train pilots to the level of proficiency necessary to operate helicopters under IFR and in IMC in accordance with ICAO PANS-OPS Document 8168. At the end of the training course the attending Pilot must be able to pilot the relevant helicopter completely safely and carry out the IR procedures specified for emergencies and malfunctions in a skilful manner.

**Admission Requirements**

In order to be admitted to this course, an attending student must satisfy the following requirements:

- Current Class 1 (for CPL(H) or ATPL(H)) or Class 2 (for PPL(H)) Medical Certificate;
- Satisfy all of the psychological and physical requirements for the holding license
- Have a good English knowledge both written and spoken (Part-FCL Level 4: Operational)
- Attend a Type Rating training course VFR and/or IR
- Hold a valid PPL(H) license including a night qualification (issued in accordance with FCL.810(b)), or
- Hold a valid CPL(H) or ATPL(H) license including a night qualification (issued in accordance with ICAO Annex 1);
- Have completed at least 50 hours cross-country flight time as pilot-in-command in helicopters or airplanes of which at least 10 hours shall be in helicopters;

*NOTE: An applicant who has satisfactorily followed and completed an integrated flying training course as ATP(H)/IR, ATPL(H), CPL(H)/IR or CPL(H) shall be exempt from the 50 hours requirement.*

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

# MULTI ENGINE INSTRUMENT RATING (H)

## Admission Requirements

- Hold the type rating on the Helicopter used for the IR(H) skill test, or have completed approved type rating training on that type;
- Have a basic knowledge of mathematic and physic;
- Hold a certificate of satisfactory MCC course, if the skill test is to be conducted in Multi-Pilot condition

The Leonardo Training Academy ATO will evaluate that before being admitted to the course the applicant has sufficient knowledge of Mathematics, Physics, and English language to facilitate an understanding of the theoretical knowledge instruction content of the course. This evaluation will be done by pre-entry test.

## Training Class Size

The standard class size is 4 students.

## Training Content

The Leonardo Training Academy ATO has produced a program of theoretical knowledge instructions based on a total of 200 hours, covering all the disciplines, with a total of lessons depending on the complexity of the arguments presented followed by a practical portion on a Synthetic Training Device (FTD Level III) and by a final activity on a Multi-Engine Turbine helicopter as detailed in the table here below

Multi Engine Instrument Rating (H)			
THEORETICAL INSTRUCTION	STD	HELICOPTER	SKILL TEST (H/C)
200 hrs*	40 hrs	15 hrs	1,5 hrs

### NOTES:

\* Excluding Night Qualification.

The course of theoretical instruction shall be completed within 18 months. The flight instruction and the skill test shall be completed during the 36 months from the date of first gaining a Pass or Partial Pass in the required examinations.

Pilot Courses

Advanced training courses

Pilot operational training courses

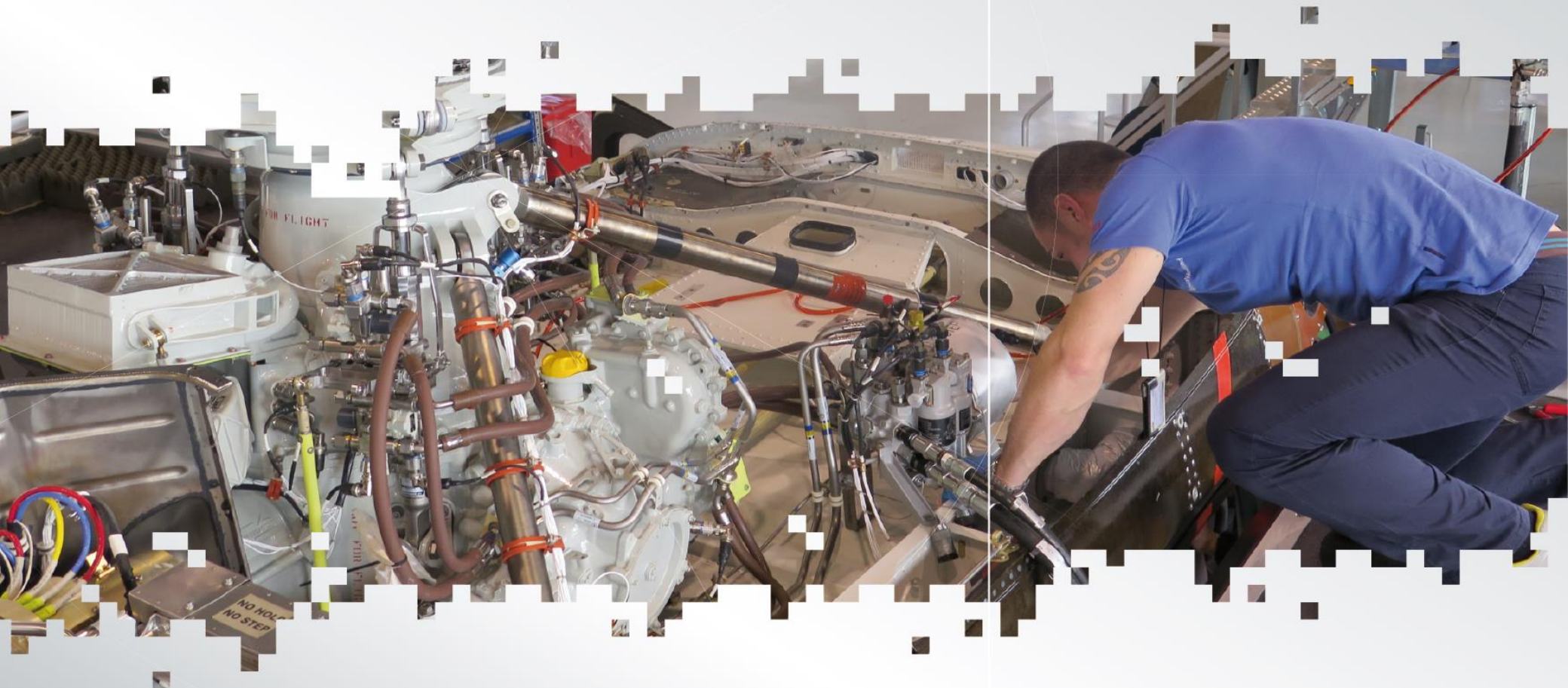
Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

## TECHNICIAN COURSES



# Technician Courses

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- ▶ AIRFRAME MAINTENANCE TYPE TRAINING B1.3 THEORETICAL ELEMENTS
- ▶ AIRFRAME MAINTENANCE TYPE TRAINING B1.3 PRACTICAL ELEMENTS
- ▶ AVIONIC MAINTENANCE TYPE TRAINING B2 THEORETICAL ELEMENTS
- ▶ AVIONIC MAINTENANCE TYPE TRAINING B2 PRACTICAL ELEMENTS
- ▶ AIRFRAME AND AVIONIC MAINTENANCE TYPE TRAINING B1/B2 THEORETICAL ELEMENTS
- ▶ AIRFRAME AND AVIONIC MAINTENANCE TYPE TRAINING B1/B2 PRACTICAL ELEMENTS
- ▶ AIRFRAME & AVIONIC SYSTEM MAINTENANCE REFRESHER TRAINING COURSES – THEORETICAL ELEMENTS
- ▶ GENERAL FAMILIARIZATION COURSE Cat. C
- ▶ MECHANICAL PRE- ENTRY COURSE
- ▶ AVIONIC PRE-ENTRY COURSE
- ▶ STRUCTURAL REPAIR TRAINING COURSE
- ▶ MAIN AND TAIL ROTOR BLADE MINOR REPAIR TRAINING COURSE
- ▶ HUMS COURSE
- ▶ RESCUE HOIST 'O' - LEVEL MAINTENANCE COURSE
- ▶ FLOAT & RAFT MAINTENANCE COURSE
- ▶ MODULE 9 – HUMAN FACTORS
- ▶ MODULE 10 – AVIATION LEGISLATION

Approval EASA Part-147

Certificate Certificate of Recognition

Scope of Training To provide the attending technician with a detailed theoretical understanding of the helicopter model airframe systems, their operations and maintenance, components replacement procedures, use of technical literature and Interactive Electronic Technical Publications (IETP).

Admission Requirements In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be in possession of a valid Part-66 Aircraft Maintenance License (Category B1.3 - Helicopters Turbine) or military equivalent. It is strongly recommended to have at least 6 months of practical experience on helicopter airframe within the prior 24 months.

*NOTE: If the applicant is not in possession of the required license, he will not receive a Certificate of Recognition but only a Certificate of Attendance.*

- Be in possession of a good English language knowledge both written and spoken in order to be able to read and understand the official maintenance documentation and to have the ability to write and communicate in comprehensive English to prevent any misunderstanding

During the course, the trainee will perform intermediate and final written examination in compliance with PART 147 requirements.

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses



## Training Content

AIRFRAME MAINTENANCE TYPE TRAINING COURSE B1.3 -THEORETICAL ELEMENTS-				
MODEL	P/N	GROUND	MTS	HELICOPTER
A119	1E-T-F60-TAW	90		
AW109E	ES-T-089-TAW	120		
AW109S	ES-T-089-TAW	120		
AW109SP	ES-T-089-TAW	120		
A109S Trekker	0T-T-I36-TAW	102		
AW139	30-T-096-TAW	120		
AW189	80-T-155-TAW	120		
AW169	60-T-B82-TAW	120		

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses



Approval EASA Part-147

Certificate Certificate of Recognition

Scope of Training To provide the attending technician with practical skills of the helicopter model airframe systems required to ensure safe performance of maintenance, inspections and routine work on the helicopter according to the Maintenance Manual.

Admission Requirements In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be in possession of a valid Part-66 Aircraft Maintenance License (Category B1.3 - Helicopters Turbine) or military equivalent. It is strongly recommended to have at least 6 months of practical experience on helicopter airframe within the prior 24 months.

*NOTE: If the applicant is not in possession of the required license, he will not receive a Certificate of Recognition but only a Certificate of Attendance.*

- Be in possession of a good English language knowledge both written and spoken in order to be able to read and understand the official maintenance documentation and have the ability to write and communicate in comprehensive English to prevent any misunderstanding
- Have completed and successfully passed the Airframe Maintenance Type Training B1.3 (Theoretical Elements) for the relevant helicopter model

During the course, the trainee will perform intermediate and final written examination in compliance with PART 147 requirements.

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

## Training Content

AIRFRAME MAINTENANCE TYPE TRAINING COURSE B1.3 –PRACTICAL ELEMENTS–				
MODEL	P/N	GROUND	MTS	HELICOPTER
A119	1E-T-B37-TAW		60	
AW109E	ES-T-090-TAW		60	
AW109S	ES-T-090-TAW		60	
AW109SP	ES-T-090-TAW		60	
A109S Trekker	0T-T-I37-TAW			60
AW139	30-T-097-TAW		60	
AW189	80-T-156-TAW		60	
AW169	60-T-B81-TAW		60	

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

Approval EASA Part-147

Certificate Certificate of Recognition

Scope of Training To provide the attending technician with a detailed theoretical understanding of the helicopter model electrical and avionic systems, their operations and maintenance, components replacement procedures, use of technical literature and Interactive Electronic Technical Publications (IETP).

Admission Requirements In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be in possession of a valid Part-66 Aircraft Maintenance License (Category B2 - Helicopters Turbine) or military equivalent. It is strongly recommended to have at least 6 months of practical experience on helicopter airframe within the prior 24 months.

*NOTE: If the applicant is not in possession of the required license, he will not receive a Certificate of Recognition but only a Certificate of Attendance.*

- Be in possession of a good English language knowledge both written and spoken in order to be able to read and understand the official maintenance documentation and have the ability to write and communicate in comprehensive English to prevent any misunderstanding

During the course, the trainee will perform intermediate and final practical assessment in compliance with PART 147 requirements.

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

## Training Content

AVIONIC MAINTENANCE TYPE TRAINING COURSE B2 -THEORETICAL ELEMENTS-				
MODEL	P/N	GROUND	MTS	HELICOPTER
A119	1E-T-437-TAW	70		
AW109E	ES-T-092-TAW	120		
AW109S	ES-T-092-TAW	120		
AW109SP	ES-T-092-TAW	120		
A109S Trekker	0T-T-I38-TAW	90		
AW139	30-T-294-TAW	120		
AW189	80-T-417-TAW	120		
AW169	60-T-B84-TAW	120		

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

Approval EASA Part-147

Certificate Certificate of Recognition

Scope of Training To provide the attending technician with practical skills of the helicopter model electrical and avionic systems required to ensure safe performance of maintenance, inspections and routine work on the helicopter according to the Maintenance Manual.

Admission Requirements In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be in possession of a valid Part-66 Aircraft Maintenance License (Category B2 - Helicopters Turbine) or military equivalent. It is strongly recommended to have at least 6 months of practical experience on helicopter airframe within the prior 24 months

*NOTE: If the applicant is not in possession of the required license, he will not receive a Certificate of Recognition but only a Certificate of Attendance.*

- Be in possession of a good English language knowledge both written and spoken in order to be able of reading and understanding the official maintenance documentation, and have the ability to write and communicate in comprehensive English, to prevent any misunderstanding
- Have completed and successfully passed the Avionic Maintenance Type Training B2 (Theoretical Elements) for the relevant helicopter model

During the course, the trainee will perform intermediate and final written examination in compliance with PART 147 requirements.

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

## Training Content

AVIONIC SYSTEM MAINTENANCE TYPE TRAINING COURSE B2 - PRACTICAL ELEMENTS				
MODEL	P/N	GROUND	MTS	HELICOPTER
A119	1E-T-C95-TAW		60	
AW109E	ES-T-093-TAW		60	
AW109S	ES-T-093-TAW		60	
AW109SP	ES-T-093-TAW		60	
A109S Trekker	0T-T-I39-TAW			60
AW139	30-T-100-TAW		60	
AW189	80-T-443-TAW		60	
AW169	60-T-B83-TAW		60	

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

# AIFRAME AND AVIONIC MAINTENANCE TYPE TRAINING B1/B2

## THEORETICAL ELEMENTS

**Approval** EASA Part-147

**Certificate** Certificate of Recognition

**Scope of Training** To provide the attending technician with a detailed theoretical understanding of the helicopter model airframe and electro-avionics systems, their operations and maintenance, components replacement procedures, use of technical literature and Interactive Electronic Technical Publications (IETP).

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be in possession of a valid Part-66 Aircraft Maintenance License (Category B1.3 and/or Category B2 - Helicopters Turbine) or military equivalent  
or Hold an equivalent ICAO approved aircraft maintenance license issued by a Civil Aviation Authority member of the ICAO;  
or any equivalent NAA recognition;  
It is strongly recommended to have at least 2 years of practical experience on helicopter systems;

*NOTE: If the applicant is not in possession of the required license, he will not receive a Certificate of Recognition but only a Certificate of Attendance.*

- Be in possession of a good English language knowledge both written and spoken in order to be able of reading and understanding the official maintenance documentation, and have the ability to write and communicate in comprehensive English, to prevent any misunderstanding

During the course, the trainee will perform intermediate and final written examination in compliance with PART 147 requirements.

# AIFRAME AND AVIONIC MAINTENANCE TYPE TRAINING B1/B2

## THEORETICAL ELEMENTS

### Technician Courses

#### Training Content

AIRFRAME & AVIONIC SYSTEM MAINTENANCE TYPE TRAINING COURSE B1/B2 - THEORETICAL ELEMENTS				
MODEL	P/N	GROUND	MTS	HELICOPTER
A119	1E-T-F11-TAW	90		
AW139	30-T-E89-TAW	150		
AW189	80-T-F13-TAW	150		
AW169	60-T-F15-TAW	150		

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses



# AIFRAME AND AVIONIC MAINTENANCE TYPE TRAINING B1/B2

## PRACTICAL ELEMENTS

**Approval** EASA Part-147

**Certificate** Certificate of Recognition

**Scope of Training** To provide the attending technician with a detailed theoretical understanding of the helicopter model airframe and electro-avionics systems, their operations and maintenance, components replacement procedures, use of technical literature and Interactive Electronic Technical Publications (IETP)

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be in possession of a valid Part-66 Aircraft Maintenance License (Category B1.3 and/or Category B2 - Helicopters Turbine) or military equivalent  
or Hold an equivalent ICAO approved aircraft maintenance license issued by a Civil Aviation Authority member of the ICAO;  
or any equivalent NAA recognition;  
It is strongly recommended to have at least 2 years of practical experience on helicopter systems;

*NOTE: If the applicant is not in possession of the required license, he will not receive a Certificate of Recognition but only a Certificate of Attendance.*

- Be in possession of a good English language knowledge both written and spoken in order to be able of reading and understanding the official maintenance documentation, and have the ability to write and communicate in comprehensive English, to prevent any misunderstanding

During the course, the trainee will perform intermediate and final written examination in compliance with PART 147 requirements.

# AIFRAME AND AVIONIC MAINTENANCE TYPE TRAINING B1/B2

## PRACTICAL ELEMENTS

### Technician Courses

#### Training Content

AIRFRAME & AVIONIC SYSTEM MAINTENANCE TYPE TRAINING COURSE B1/B2 - PRACTICAL ELEMENTS				
MODEL	P/N	GROUND	MTS	HELICOPTER
A119	1E-T-F12-TAW		60	
AW139	30-T-E90-TAW		90	
AW189	80-T-F14-TAW		90	
AW169	60-T-F16-TAW		90	

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

# AIRFRAME & AVIONIC SYSTEM MAINTENANCE REFRESHER TRAINING COURSES

## – THEORETICAL ELEMENTS

### Technician Courses

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The aim of these courses is to provide the attendee with the necessary information about the latest helicopter systems updating, including a general review of the major systems.

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be in possession of a valid Part-66 Aircraft Maintenance License (Category B1.3 and/or Category B2 - Helicopters Turbine) or military equivalent; or hold an equivalent ICAO approved aircraft maintenance license issued by a Civil Aviation Authority member of the ICAO; or any equivalent NAA recognition; It is strongly recommended to have at least 2 years of practical experience on helicopter systems;
- Be in possession of a good English language knowledge both written and spoken in order to be able of reading and understanding the official maintenance documentation, and have the ability to write and communicate in comprehensive English, to prevent any misunderstanding
- Have completed and successfully passed the Airframe and Avionic Maintenance Type Training B1/B2 (Theoretical Elements and Practical Elements) for the relevant helicopter model.

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

# AIRFRAME & AVIONIC SYSTEM MAINTENANCE REFRESHER TRAINING COURSES

## – THEORETICAL ELEMENTS

### Technician Courses

#### Training Content

AIRFRAME & AVIONIC SYSTEM MAINTENANCE REFRESHER TRAINING COURSES – THEORETICAL ELEMENTS*			
MODEL	P/N	GROUND	MTS
A109Series	**	30	
AW139	30-T-955-TAW	30	
AW189	80-T-D61-TAW	30	
AW169	**	30	

#### NOTES:

\* Refresher Training courses for Airframe (Cat. B1) technicians only and for Avionic (Cat. B2) technicians only are available at the Training Academy.

\*\* Available upon request

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

**Approval** EASA Part-147

**Certificate** Certificate of Recognition

**Scope of Training** To provide the attending applicant with the operating and maintenance philosophy of the helicopter model along with key features and a description of all the major system.

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Have a good English language knowledge both written and spoken in order to be able to read and understand the official maintenance documentation and have the ability to write and communicate in comprehensive English to prevent any misunderstanding

### Training Content

GENERAL FAMILIARIZATION COURSE CAT. C				
MODEL	P/N	GROUND	MTS	HELICOPTER
A119	1E-T-A96-TAW	30		
AW109E/S/SP	ES-T-094-TAW	30		
AW109S	ES-T-094-TAW	30		
AW109SP	ES-T-094-TAW	30		
AW109S Trekker	*	30		
AW139	30-T-101-TAW	30		
AW189	80-T-295-TAW	30		
AW169	60-T-672-TAW	30		

NOTES:

\* Available upon request

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The objective of the course is to provide the attending technicians with a basic theoretical and practical coverage of the major aeronautical subject applicable to airframe maintainers including components, procedure and material application.

**Admission Requirements** The course is addressed to currently qualified technicians with three years of experience as an active mechanical technician on helicopters. In order to be admitted to this course, an attending student must also satisfy the following requirements:

- Have a valid Part-66 Aircraft Maintenance License (Category B1.3 – Helicopter Turbine);
- Be in possession of a good English language knowledge both written and spoken in order to be able of reading and understanding the official maintenance documentation, and have the ability to write and communicate in comprehensive English, to prevent any misunderstanding

**Training Content** A basic coverage of the most common maintenance practices, use of technical literature, use of tools and ground test equipment, repair and assembly techniques. The course is structured into 21 mechanical and procedural chapters, plus one for electrical and avionic familiarization. A practical familiarization is devoted to recognize the mechanical components, new materials, care and protection, safety, shop tools, repair materials, inspection methods, damage evaluation and repair procedures with the use of AgustaWestland Products Maintenance Manuals.

MECHANICAL PRE- ENTRY COURSE				
MODEL	P/N	GROUND	MTS	HELICOPTER
All	AA-T-O85-TAW	60	30	

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The objective of the course is to provide the attending technicians with a basic theoretical and practical coverage of the major aeronautical subject applicable to avionic/technicians maintainers.

**Admission Requirements** The course is addressed to currently qualified technicians with a minimum of three years of experience as an active avionic technician on helicopters. In order to be admitted to this course, an attending student must also satisfy the following requirements:

- Have a valid Part-66 Aircraft Maintenance License (Category B2 – Helicopter Turbine);
- Be in possession of a good English language knowledge both written and spoken in order to be able of reading and understanding the official maintenance documentation, and have the ability to write and communicate in comprehensive English, to prevent any misunderstanding

**Training Content** A basic coverage of the most common maintenance practices, use of technical literature, use of tools and ground test equipment, repair and assembly techniques. The course is structured into 26 electrical and avionic chapters plus one for the familiarization on mechanical and structure aspects. A practical familiarization is devoted to recognize components, LRU's, the interface with the computer and the methodologies for installation or update of the software.

AVIONIC PRE- ENTRY COURSE				
MODEL	P/N	GROUND	MTS	HELICOPTER
All	AA-T-333-TAW	60	30	

**NOTES:**

\* The course included in the above table is currently under revision . The duration and content of this course will be the applicable and valid ones at the moment of training delivery.

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The objective of the course is to enable the attendee to identify and evaluate for repair, structural areas of the aircraft and carry out the necessary repairs.

**Admission Requirements** The course is addressed to currently qualified technicians with a minimum of three-year experience as an active mechanic on helicopters.

In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be in possession of a good English language knowledge both written and spoken in order to be able of reading and understanding the official maintenance documentation, and have the ability to write and communicate in comprehensive English, to prevent any misunderstanding

In order to attend this course, an attending student is recommended to satisfy the following requirements:

- Have completed and successfully passed the Airframe Maintenance Type Training B1.3 (Theoretical Elements and Practical Elements) on the relevant helicopter model.

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses



# STRUCTURAL REPAIR TRAINING COURSE

## Training Content

The course will assist in typical structural repairs as called out in the AgustaWestland aircraft Maintenance Manuals. Classroom and/or work shop in the following areas will be covered: care and protection, safety, shop tools, repair materials, inspection methods, damage evaluation and repair procedures.

STRUCTURAL REPAIR TRAINING COURSE			
MODEL	P/N	GROUND	MTS
A119	1E-T-C23-TAW	60	
AW109E	0E-T-C42-TAW	60	
AW109S	0S-T-C43-TAW	60	
AW109SP		60	
AW139	30-T-556-TAW	60	
AW189 and AW169	AA-T-N22-TAW	60	

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

**Approval** TA Specification

**Certificate** Certificate of Training Attended

**Scope of Training** The objective of the course is to enable the attendee to identify and evaluate for repair, areas of the main and tail rotor blades and carry out necessary repairs.

**Admission Requirements** The course is addressed to currently qualified technicians with three-year experience as an active mechanic on helicopters. In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be in possession of a good English language knowledge both written and spoken in order to be able of reading and understanding the official maintenance documentation, and have the ability to write and communicate in comprehensive English, to prevent any misunderstanding

In order to attend this course, an attending student is recommended to satisfy the following requirements:

- Have completed and successfully passed the Airframe Maintenance Type Training B1.3 (Theoretical Elements and Practical Elements) on the relevant helicopter model.

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

# MAIN AND TAIL ROTOR BLADE MINOR REPAIR TRAINING COURSE

## Training Content

The course will assist in typical main and tail rotor blade minor repairs as called out in the AgustaWestland aircraft Maintenance Manuals. Classroom and/or work shop in the following areas will be covered: care and protection, safety, shop tools, repair materials, inspection methods, damage evaluation and minor repair procedures.

MAIN AND TAIL ROTOR BLADE MINOR REPAIR TRAINING COURSE					
MODEL	P/N	GROUND	OTD	FFS	HELICOPTER
A119	1E-T-C20-TAW	30			
AW109E	ES-T-784-TAW	30			
AW109S	0S-T-868-TAW	30			
AW109SP	0S-T-868-TAW	30			
AW139	30-T-574-TAW	30			
AW189	80-T-N21-TAW	30			
AW169*					

### NOTES:

\* Available upon request. The duration and content of these courses will be the applicable and valid ones at the moment of training delivery.

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

**Approval** TA Specification/Vendor Course

**Certificate** Certificate of Training Attended

**Scope of Training** The aim of this course is to enable the participants to have a general knowledge on the HUMS system and of the main maintenance procedures related to the systems. The course consists of two different Modules: Theoretical Course and Heliwise Training Course. The theoretical course teaches the attendees the fundamentals characteristics of the health and usage monitoring system in terms of: purpose, architecture, components and functions, whereas the Heliwise Training Course has the objective to enable the attendees to develop the knowledge on the use of Heliwise ground station that represents the common HUMS software for AW helicopters.

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Possess a current Aircraft Maintenance Licence (Category B1.3, Mechanical Technician) as per EASA Part-66 or per the equivalent military rules;
- Be qualified airframe/engine technicians that successfully completed the Airframe or Avionic Maintenance Type Training Course relevant to the applicable type.
- Have at least 2.5-year experience in multi-engine turbine powered helicopters mechanical system maintenance;
- Be in possession of a good English language knowledge both written and spoken in order to be able of reading and understanding the official maintenance documentation, and have the ability to write and communicate in comprehensive English, to prevent any misunderstanding

Pilot Courses

Advanced training  
courses

Pilot operational training  
courses

Rear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

**Training Content**

Comprehensive coverage of the HUMS system, its components, their location and principle of operations. The course will cover also the main procedures related to the maintenance of the HUMS System (e.g. data download)

HUMS COURSE					
MODEL	P/N*	GROUND	OTD	FFS	HELICOPTER
AW139	30-T-J28-TAW AA-T-J01-TAW	30			
AW189	AA-T-I99-TAW AA-T-J01-TAW	30			
AW169	AA-T-I99-TAW AA-T-J01-TAW	30			

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses

# RESCUE HOIST 'O' - LEVEL MAINTENANCE COURSE

**Approval** Vendor Course

**Certificate** Certificate of Training Attended

**Scope of Training** The aimed course is to enable the participants to perform basic maintenance on the Rescue Hoist. The training covers the technical information and maintenance activities that a technician requires to properly maintain the equipment.

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be qualified airframe/engine technicians that successfully completed the Airframe Maintenance Type Training Cat. B1.3 (Theoretical and Practical Elements) on the relevant helicopter model.
- Be in possession of a good English language knowledge both written and spoken in order to be able of reading and understanding the official maintenance documentation, and have the ability to write and communicate in comprehensive English, to prevent any misunderstanding

**Training Content**

RESCUE HOIST MAINTENANCE COURSE *				
MODEL	P/N	GROUND	MTS	HELICOPTER
AW139	30-T-D67-TAW	Min. 1 day		
AW189	80-T-E53-TAW	Min. 1 day		
AW169	60-T-E50-TAW	Min. 1 day		

## NOTES:

The course will be provided in collaboration with the OEM of the hoist system installed on Customer's helicopter. Content and duration of this course will be subject to changes in accordance with the OEM selected and will be the ones applicable at the time of delivery of the course. The Customer will need to provide training facilities (classroom), workshop facilities and tools (electrical power, work bench/area, standard shop tools), and the Rescue Hoist System equipment (hoist, pendant, boom, control panel, etc.) installed on the aircraft.

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

**Approval**

Vendor Course

**Certificate**

Certificate of Training Attended

**Scope of Training**

The aim of the course is to have staff trained and operative about annual inspection on Float & Raft system.

**Admission Requirements**

In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be qualified airframe/engine technicians that successfully completed the Airframe Maintenance Type Training Cat. B1.3 (Theoretical and Practical Elements) on the relevant helicopter model;
- A good knowledge of aeronautics regulations relative to maintenance filed (EASA/FAR 145) applicable to the country where the helicopter is operated;
- Be in possession of a good English language knowledge both written and spoken in order to be able of reading and understanding the official maintenance documentation, and have the ability to write and communicate in comprehensive English, to prevent any misunderstanding

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

**Training Content**

The course has theory and practice nature to cover activities including the following tasks inspection and testing components:

- Dismantling parts
- Leak Test party inflatable's
- Visual Inspection
- Assembly
- Folding

FLOAT & RAFT MAINTENANCE COURSE				
MODEL	P/N*	GROUND**	MTS	HELICOPTER
AW139		4-5 Days		
AW189		4-5 Days		
AW169		4-5 Days		

**NOTES:**

\* Available upon request

\*\* The Course will be provided in collaboration with the OEM of the Floats and of the Rafts installed on Customer's helicopter. Content and duration of this course may be subject to changes and will be the ones applicable and approved by the OEM at the time of the delivery of the courses.

The courses duration may be subject to the number of students enrolled in the course.

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses



**Approval** EASA Part-147

**Certificate** Certificate of Recognition

**Scope of Training** The aim of the course is to provide adequate and qualified technical personnel with the notions on human factor aspects directly related to the activities of aeronautical technicians on AW helicopter models.

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirements:

- Be in possession of a good English language knowledge both written and spoken.

**Training Content**

MODULE 9 - HUMS COURSE				
MODEL	P/N	GROUND	MTS	HELICOPTER
All	AA-T-340-TAW	30		

**NOTE:**

*The Human Factor training course is available also for pilots, with a dedicated training program.*

Pilot Courses

Advanced training courses

Pilot operational training courses

Rear crew operational training courses

FAA training courses

Basic Courses

Technician Courses

**Approval** EASA Part-147

**Certificate** Certificate of Recognition

**Scope of Training** The aim of the course is to provide adequate and qualified technical personnel with a general overview of the civil aviation regulations in force in the aeronautical environments.

**Admission Requirements** In order to be admitted to this course, an attending student must satisfy the following requirement:

- Be in possession of a good English language knowledge both written and spoken

**Training Content**

MODULE 10 – AVIATION LEGISLATION COURSE				
MODEL	P/N	GROUND	MTS	HELICOPTER
All	AA-T-343-TAW	30		

Pilot Courses

Advanced training  
coursesPilot operational training  
coursesRear crew operational  
training courses

FAA training courses

Basic Courses

Technician Courses



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HELICOPTERS

**AgustaWestland**  
Training Academy