



ATLANTIC AVIATION GROUP

BRIDGING THE GAP: AVIATION ESSENTIALS FOR SUPPORTING AND PROFESSIONAL ROLES



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About Atlantic Aviation Group Training Academy

Our EASA, award winning Part 147-approved Training Academy has developed industry talent for over 30 years, providing practical, award winning and theoretical training for global clients and is part of the Atlantic Aviation Group.

Atlantic Aviation Group is a leading independent MRO and aviation services provider, with over 60 years of experience in airframe maintenance, design, airworthiness, and training.



Overview

This 2-day course introduces aviation industry essentials to non-technical staff, helping you understand key concepts in aircraft technology and industry operations. You will gain insights into aircraft structure, systems maintenance, and the regulatory environment, even if you have no technical background. Attending this course will enable you to better understand and support aviation functions directly related to your work, bridging knowledge gaps and boosting confidence in industry discussions.

Hands-on sessions and an optional visit to an aircraft in maintenance bring these concepts to life, making complex aviation technology accessible and understandable.

Learning Outcomes

By the end of this course, you will:

- Identify major commercial aircraft types
- Understand the basics of how aircraft fly
- Recognise aircraft construction and system elements.
- Use key aircraft terminology confidently
- Understand aircraft maintenance planning, certification, and airworthiness standards
- Navigate the regulatory environment and understand essential industry terms and acronyms.

Who Should Attend?

By Ideal for non-technical staff working in:

- Professional services supporting aviation, such as Legal, Accounting, Auditing, Taxation, Fund Administration, HR, Recruitment, Government bodies, Training and Education sectors.
- MROs, Airlines, Leasing, Design and Airworthiness.

Prerequisites

- No prior technical knowledge is required.

Course Outline

The course covers the following topics over two days:

Topic	Details
Modern Aircraft Structure	Overview of basic aerodynamics
Aircraft Systems	Introduction to flight controls and landing gear
Fuel Systems	Overview of Fuel storage and distribution systems
Safety Systems	Overview of Fire protection and auxiliary power units
Certification & Release Procedures	Certification processes and maintenance programmes basics
Maintenance Planning	Review what Airworthiness Directives , Service Bulletins, Life-Limited Parts are
Human Factors	Key considerations in maintenance operations
Regulatory Overview	Common terms and regulatory requirements
Key Industry Stakeholders	Overview of roles and responsibilities of key players in the aviation sector, including airlines, regulatory authorities, MROs, CAMOs, and leasing companies



Course Details

- Delivery Method: In-person/Online sessions held at our Shannon academy, with flexible scheduling options to fit your needs.
- Duration: 2 days.
- Day 2 Bonus: Optional visit to the AAG EASA Part 145 facility, where you can observe aircraft maintenance up close.



Course Information

- Maximum Class Size: 16.
- Cost: Contact us for a custom quote.
- Certification: Certificate of Attendance issued by AAG EASA Part 147 Training Academy.

Testimonials

“Double award winner at the 2024 Irish Aviation Industry Awards, the Judges stated “Atlantic Aviation Group Training Academy is a highly effective, regulated aviation training provider with a clear understanding of customer needs and an impressive level of adaptability. The scale and impact of its diverse training offerings are truly remarkable, addressing some of the most pressing challenges in the aviation industry.”

Additional Aviation Advisory Courses Available

- Introduction to the Airbus A320 CEO Aircraft Systems and Structures with NEO Differences
- Approved for Skillnet and Skills to Advance funding.
- Introduction to the Airbus A330 Aircraft Systems and Structures.
- Introduction to the Boeing 737NG Aircraft Systems and Structures with Max differences.
- EASA Part 145 Maintenance Organisation Regulations – Basic Understanding.



“Noel was very engaging and provided real life scenarios which helped to explain each topic better. Our team went away with a much better understanding of what EASA Part 145 entails. We will defiantly be using AAG for our future training needs and would highly recommend same.”

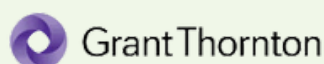
Paul McDermot
Owner – Aerowind Ireland

Aerowind
Ireland LTD
Aviation Motor Rewind & Repair

Massive thanks to Atlantic Aviation Group for arranging these courses for Grant Thornton's Aviation Advisory team. We've now had over 25 team members complete the Technical for Non-Technical course, 14 complete the Introduction to the A320CEO with Neo Differences, and recently, 15 complete the Introduction to the 737 NG with Max Differences.

These courses are a fantastic complement to our ALS offerings at Grant Thornton Ireland. David and his team have been incredible support from start to finish, going above and beyond to explore funding opportunities to help subsidize the course."

Shane Crawte
VP Technical Asset Management | Aviation Advisory | Grant Thornton





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