Comprehensive Introduction to Aviation Regulations Course

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Edinburgh (UK)



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Why This Course

The aviation industry operates within one of the most complex and highly regulated environments in the world. Ensuring safety, compliance, and operational excellence requires a deep understanding of international and national regulatory frameworks — from ICAO SARPs to FAA and EASA requirements. Professionals who understand these regulations are better equipped to enhance safety performance, streamline operations, and support organizational compliance.

The Global Aviation Regulations & Compliance Program is an intensive 1-week course designed for aviation managers, safety officers, regulatory personnel, pilots, maintenance professionals, and anyone involved in aviation compliance. Through a structured and practical learning journey, participants gain essential insights into regulatory requirements, safety oversight mechanisms, certifications, and compliance strategies that shape global aviation operations.

What You'll Learn and Practice

By the end of this program, participants will be able to:

- Understand the structure, authority, and functions of ICAO, FAA, EASA, and other regulatory bodies
- Interpret key aviation regulations, standards, and operational requirements
- Analyze how regulations influence licensing, certification, operations, and airworthiness
- Develop effective compliance strategies aligned with regulatory expectations
- Apply safety management system SMS principles to strengthen organizational safety and compliance

The Program Flow

Day 1 - Introduction to Aviation Regulatory Frameworks

- Overview of global aviation regulatory bodies and their jurisdictions
- ICAO structure, Standards and Recommended Practices SARPs
- Introduction to FAA and EASA regulatory frameworks
- Historical evolution of aviation regulation and international standardization



Day 2 - Licensing & Certification

- Personnel licensing: pilots, AMEs, dispatchers, and other roles
- Aircraft certification processes including type and production certification
- Operator certification requirements and regulatory oversight
- Maintenance organization approvals and continuing oversight

Day 3 - Operational Regulations

- Air operations standards: Part 91, 121, 135, and international equivalents
- Flight and duty time limitations, fatigue management rules
- Dangerous goods regulations and operator responsibilities
- Air traffic management and regulatory obligations in controlled airspace

Day 4 - Airworthiness & Maintenance

- Continuing airworthiness concepts and regulatory requirements
- Developing and maintaining aircraft maintenance programs
- Understanding airworthiness directives, service bulletins, and compliance obligations
- Repair station and MRO regulatory frameworks

Day 5 - Safety Management & Regulatory Compliance

- Implementing Safety Management Systems SMS across aviation organizations
- Quality assurance, internal auditing, and compliance monitoring
- Occurrence reporting, investigation, and corrective actions
- Building long-term strategies for regulatory compliance and safety enhancement

Individual Impact

Participants will leave the program with:

- The confidence to navigate and interpret complex aviation regulatory requirements
- A strong understanding of compliance responsibilities across aviation functions
- Practical tools for contributing to aviation safety, oversight, and risk reduction
- Enhanced professional capability to support organizational alignment with global regulations

Organizational Impact

Organizations will benefit through:

- Stronger regulatory compliance and safety management performance
- Improved readiness for audits, inspections, and regulator interactions
- Enhanced operational effectiveness through clear understanding of regulatory obligations
- Greater consistency in safety, maintenance, and operational oversight



• A more informed workforce supporting a robust safety and compliance culture

Training Methodology

The program uses a practical, aviation-focused learning approach through:

• Real-world case studies from global regulatory environments
• Hands-on exercises interpreting regulations and applying compliance practices
• Group discussions and collaborative learning across aviation disciplines
• Tools, templates, and frameworks applicable to regulatory and safety roles
• Expert-led sessions linking international regulatory theory with operational realities

Beyond the Course

Participants will return ready to:

• Lead or support regulatory compliance initiatives across aviation operations
• Interpret and apply ICAO, FAA, and EASA requirements with precision
• Strengthen safety performance using SMS and quality assurance tools
• Contribute more effectively to regulatory audits, approvals, and oversight activities

