# Comprehensive Introduction to Aviation Regulations Course

31 January – 4 February 2027
Cairo (Egypt)



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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

