

EASA Airports Aviation Compliance Management and Auditing – 4 Days

Introduction

EASA, as the pivotal entity in European aviation, has established stringent regulations to govern aerodrome design and operations. The Basic Regulation 2018/1139 is foundational, outlining the fundamental principles and requirements.

This course is designed to familiarize and prepare auditors to assess compliance with European Aviation Safety Agency (EASA) regulatory requirements and the International Civil Aviation Organization (ICAO) standards pertaining to aerodrome design and operations. EASA Airports Aviation Compliance Management and Auditing No 139/2014 provides specific provisions and standards, focusing on the certification and operational needs of aerodromes. With the introduction of REGULATION (EU) No 139/2014 of 12 February 2014 EASA assumed responsibility on behalf of the member states to manage the criteria by which member states will demonstrate compliance with ICAO Annex 14. The development of these regulations has been driven by the need to standardize operations, mitigate risks, and enhance the overall efficiency of aerodromes, in response to the dynamic nature of the aviation industry. The regulation contains the rules for the certification, management, operation, and design of aerodromes.

This training is designed to equip participants with the knowledge and skills necessary to navigate the EASA and ICAO regulatory environment effectively.

What is the Benefit of this Training – What will I learn?

- Gain an understanding of the EASA Aerodrome Regulatory Frameworks
- Understand the requirements for airport certification and the specifications and guidance material for aerodrome design.
- How to create and manage an effective airport compliance system that aligns with EASA regulatory requirements.
- Gain insights into the management system requirements of Regulation (EU) No 139/2014 and understand the role of the compliance manager in maintaining airport management system principles.
- Understand the competencies required for auditors and develop the skills to conduct quality audits, including practical application through workshops.
- Learn the processes involved in handling corrective actions and conducting root cause analysis to address non-compliance issues.
- Understand the link between aerodrome accidents and incidents to safety and human factors and develop strategies to mitigate risks.

tel + 359 2 821 08 06
 email team@sassofia.com

www.sassofia.com

Date	On Demand
Category	Personal Development
Venue	On Demand
Level	Basic
Price	On Demand

Who is the course for?

Anyone who has a stake in the auditing of an airport environment particularly related to the implementation of REG 139/2014, including Competent Authority Regulators and Inspectors, Aerodrome Operations Directors, Managers, and Supervisors. Quality and Safety Directors and Auditors.

Detailed Content / Topics - The following Subjects will be addressed

Day 1

General Introduction
 Abbreviations and Terms
 Compliance Monitoring Principles and Practice
 The Difference Between Compliance, Performance & Safety Auditing
 Dealing with Situations Arising During the Audit / Communication
 European Regulatory Environment & Basic Regulation 2018/1139
 The Management System Requirements of Regulation (EU) No 139/2014
 EASA Aerodrome Management System Principles - Post Holder QC Responsibilities and Relationships
 Creating an Effective Aerodrome Compliance System
 Dealing with Specific Challenges within Your Quality System
 Aerodrome Accidents and Incidents: The Link to Safety and Human Factors

Day 2

Introducing ICAO Annex 14 Volume I Aerodrome Design and Operations
 EASA Airports Aviation Compliance Management and Auditing No 139/2014 Introduction
 Requirements and Administrative Procedures Related To Aerodromes - Introduction
 EASA Aerodrome & Management System Training Requirements
 139/2014 Subpart A – General Requirements (ADR.OR.A)
 139/2014 Subpart B – Certification (ADR.OR.B)
 139/2014 Subpart C – Additional Aerodrome Operator Responsibilities (ADR.OR.C)
 139/2014 Subpart D – Management (ADR.OR.D)
 139/2014 SUBPART E – Aerodrome Manual and Documentation (ADR.OR.E)
 Summary of the EASA Compliant Aerodrome Manual based on AMC3 ADR.OR.E.005
 Aerodrome Certification Considerations
 Certification Specifications and Guidance Material for Aerodromes Design CS-ADR-DSN

Day 3

Developing an EASA Compliant Aerodrome Audit Program
 Auditing the Aerodrome SMS & Manual
 Aerodrome Maintenance Requirements and Best Practice
 Creating an Audit Schedule
 Audit Checklists Management, Development, and Validation – Use of Checklists during the Audit
 Auditing the Emergency Response Plan
 Understanding Complex Problems & Determination of Root Cause
 Understanding The Nature of Risk

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Day 4

Common Errors in Aviation Root Cause Analysis (RCA)
Using Root Cause Analysis to Drive an Effective Quality System
Effective Aviation System Root Cause Analysis using 5 Why & Fishbone Techniques together
Introduction to Fault Tree Analysis
Introduction to Bowtie Risk Assessment Methodology
Compliance Auditing of EASA Aerodrome Information Security Management Systems
Evaluation of the Business Impact of Audit Findings – Effective Mitigations
Classifying Findings –Level 1 / 2 / 3
Effective Report Writing & Corrective Actions
Management Evaluation –How to ensure effectiveness considering the role of the Quality Assurance Function
Quality Auditing Practical Workshop – Requires your Aerodrome Manual
Debrief & Close

Target Groups

This course is designed to accommodate all Airport compliance managers and will be of particular interest to other Airport Managers as well as Airport Safety.

Learning Objectives

To re-enforce a comprehensive understanding of the requirements for both the QA & SMS systems including an understanding of the different types of audit applicable for each area.
To stimulate involvement and provide powerful motivation.

To consider the fundamentals of a fully compliant Aviation Quality System together with the Key elements required to organize the Quality Compliance processes to ensure compliance and to deliver maximum effectiveness.

To re-enforce a comprehensive understanding of the requirements for both the QA & SMS systems including an understanding of the different types of audit applicable for each area.

An essential element of benefiting from this training is to focus on the issues, how they relate to our workplace, and what we need to do to address them.

How to identify areas that need special attention and how to focus our efforts on making sure our training delivers in all relevant areas.

The intention of this training is not to tick the regulatory box but to identify the significant issues that need to be addressed.

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Pre-requisites

A background in an aviation environment is required to fully engage with this course.

What do People Say about Sofema Aviation Services Training?

"I found satisfying answers to all my questions."
"The instructor demonstrated very deep knowledge of the subject."
"The length of the course fit my needs and expectations."
"The content was really effective, I gained a lot of new knowledge."
"The practical examples were perfectly delivered."

Duration

4 days – Start at 09.00 and finish at 17.00, with appropriate refreshment breaks.
To register for this training, please email team@sassofia.com or Call +359 28210806

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