

# **Developing EASA Compliant Quality Assurance for CAMO & 145 – 3 Days**

## Introduction

3 Days intensive training covering QA Auditing and Advanced Auditing Techniques. Root Cause Analysis and Performance Auditing Techniques. Organisations which can deliver an effective quality audit system as well as a process to follow up with all issues in an effective and practical way, grow and flourish.

This course is specifically designed to meet the needs of an Auditor working in a Part M / Part 145 organization, written by an Auditor with more than 25 years practical experience gained whilst auditing within Aviation Maintenance and Operations Environments.

The course is highly practical and relevant. The course considers basic and advanced Quality Assurance Auditing plus Root Cause Analysis as well as Performance Auditing Techniques.

This course is aimed at aviation professionals who are seeking to enhance the role of auditing within the CAMO & Maintenance Environment.

The course delivers an in depth understanding of the auditing techniques and behaviours it is suitable as an introduction for new auditors and a refresher for more experience auditors.

### Who is the course for?

It is for persons who are involved in delivering or receiving EASA compliant Quality Assurance (Compliance Audits) In particular Quality Audit Staff, Nominated Persons, CAMO Quality Auditors, as well as anyone with an interest to achieve an effective understanding of the Compliance Audit Process.

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

- a) To be able to explain the key elements required to organize the organization's compliance audit System processes to both ensure compliance and to deliver maximum effectiveness.
- b) Understand the regulations which deliver the Quality Audit Requirements.
- c) To be able to explain the requirements for both the QA and SMS systems including an understanding of the different types of audit applicable for each area together with how the QMS and SMS integrates within the overall Management System Process.
- d) To consider in-depth Compliance Management Auditing and to raise an understanding of the various roles of a quality system within the organisation.
- e) Ability to focus on effective identification of root cause analysis and promotion of positive action.
- f) To be able to place a clear priority on best practice management within a strong quality assurance "compliance-based" system.
- g) Understand techniques to focus on the organisational issues during the audit including the relationship within the workplace and responsibility to address issues.
- h) Understanding how an effective Quality Assurance system can support the effectiveness of the organisation.

# Detailed Content / Topics - The following Subjects will be addressed

#### Day 1

- Contents
- General Introduction
- Abbreviations and Terms
- How to Effectively Determine Compliance
- Auditor Competence
- Quality Review & Delivery of Effective Audits
- Quality Audit Fundamentals Compliance Audits / System Audits / Process
- Audits / Product Audits / Surveillance Audits.
- Basic Quality Auditing Techniques
- Advanced Quality Audit Techniques
- The use of Psychology during Audits
- Performance Auditing Basics
- Delivering Performance Audits
- Developing Preventative Strategies and the role of Performance Auditing
- The impact of Safety Culture on Performance Audits

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#### Day 2

- Performing and Managing Investigations with Practical Examples
- Auditing the Organisations Communication Tools
- Development and use of Audit Check Lists
- Auditing for Process Effectiveness
- Root Cause Understanding the Different Role Between Quality & Safety Auditing
- Practical understanding of the role of Root Cause
- Identification of Root Cause
- Managing Root Cause Processes including techniques for Analysis
- Analysis using Logic Models and Simulations Introduction

#### Day 3

- Accidents and Incidents the link to Safety and Human Factors
- The connection between Human Factors and SMS Exposure
- Understanding Hazard Identification and Risk Management
- Effective Management of your Aviation Quality System
- Creating an Audit Schedule
- Managing Meetings to Open and Close the Audit
- Effective Report Writing
- Dealing with Corrective Actions
- Management Evaluation

# Target groups

Quality Assurance Professionals with existing audit experience and knowledge of aviation quality systems. New staff and other persons wishing to understand best practice techniques associated with Aviation Quality Assurance Processes are also welcome.

## Pre-requisites

Knowledge of Part 145 and Part M Aviation systems is highly beneficial a background knowledge of basic aviation auditing techniques is also an advantage.

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## Learning Objectives

- To consider the fundamentals of a fully compliant Aviation Quality System together with the Key elements required to organize the Quality Audit System processes to ensure compliance and to deliver maximum effectiveness.
- To meet the needs of an Auditor working in a Part M/ Part 145 organization.
- To enhance the role of auditing within the CAMO & Maintenance Environment.
- The course delivers an in-depth understanding of the auditing techniques and behaviours appropriate to experienced auditors.
- An essential element then of benefiting from this training is to focus on the issues, how they
  relate to our work place, and what we need to do to address them.
- How to identify areas which need special attention and how to focus our efforts on making sure our training delivers in all relevant areas.

# What do People Say about Sofema Aviation Services Training?

"The instructor used the right words to explain the material."

"The discussions among the group were very beneficial."

"The instructor showed very resourceful background and experience."

"All sections of the course were related to my field."

"Adequate answers were given to specific questions."

## Duration

3 Days – To commence at 09.00 and finish at 17.00, with appropriate refreshment breaks. To register for this training, please email <a href="mailto:team@sassofia.com">team@sassofia.com</a> or Call +359 28210806



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