

## GCAA CAR M – CAR 145 Advanced Quality Auditing Techniques – 3 Days

### Introduction

Being able to support an in-depth understanding of non-conformities within the CAR 145 & CAR M Environment is part of the mission.

Being able to clearly explain the exposure to service providers and business area owners and post holders is an essential attribute of an effective Quality Assurance Auditor.

Our Detailed Auditing Techniques Training Masterclass' techniques may be applied in any audit situation including management system processes, determining the effectiveness of existing or client quality & safety audit systems.

The training is extremely effective and is suitable for both regulatory authorities as well as industry. Have you ever wondered how it is that accident investigators understand all the shortfalls and exposures – but after an accident or incident. It is possible to audit at this level before an accident.

This course is highly interactive with all delegates having the opportunity to fully engage to consider best practice techniques related to both auditing techniques and compliance oversight methodology.

Auditing is either a tick the box exercise to keep the regulatory authority at bay or Auditing is a powerful tool for establishing the effectiveness of an organisation. (Incidentally we teach the latter)

### Who is the course for?

This training is suitable for Compliance Managers, Maintenance Managers and Compliance Auditors, as well as people working in the Quality Assurance Department. It is relevant for members of the quality Assurance Audit department, all business area stake holders and owners.

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<b>Date</b>	On Demand
<b>Category</b>	Personal Development
<b>Venue</b>	On Demand
<b>Level</b>	Advanced
<b>Price</b>	On Demand

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

- a) To consider the Key elements required to drive the organizations quality system to both ensure compliance and to deliver maximum effectiveness.
- b) Ensure effective Quality oversight related to Contract Organisations and other Service Providers
- c) Obtain a detailed practical understanding of advanced auditing methodology and how you can apply what you learn in the workplace.
- d) How to identify areas which need special attention and how to focus our efforts on making sure our trainings deliver in all relevant areas.
- e) Significantly improve your own competence related to audit delivery

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

### Day 1

- Introduction
- Abbreviations and Terms
- Compliance Auditing Process Review
- Maintaining Objectivity –Sample Size / Value of Finding Raised / Operator’s Authority on Area of Audit
- Measuring the Effectiveness of 3rd Party Organisation’s QC Management Operations / Maintenance
- Requirements Related to a CAR 145 / EASA Part 145 Quality System
- Requirements Related to an CAR M –EASA Part M Quality System
- Dealing with Specific Challenges within your Quality System
- Advanced Auditing Techniques

### Day 2

- Practical Base Maintenance Audits – Advance Techniques for Auditing the Following Area - Auditing Workshops

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### Day 2

- Practical Base Maintenance Audits – Advance Techniques for Auditing the Following Area - Hangar Activity Auditing
- Practical Base Maintenance Audits – Advance Techniques for Auditing the Following Area - Stores and Tool Calibration / Control Auditing
- Practical Base Maintenance Audits – Advance Techniques for Auditing the Following Area - Quality System Auditing
- Creating an Audit Schedule
- Review of Supporting Checklist How to Evaluate For Effectiveness

### Day 3

- Practical On-Site AMO auditing
- Practical On-Site CAMO auditing including Work Package Auditing
- Quality Auditing of Safety Management Systems
- Developing Audit Interviewing Skills
- Communicating a Finding to the Auditee
- Understanding the Psychology of an Aviation Auditee
- Dealing with Situations Arising During the Audit / Communication
- Using Root Cause Analysis to drive an Effective Quality System
- 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
- Debrief and Close

## Target groups

This course is designed to accommodate all compliance managers, maintenance managers and compliance auditors who require a focus on CAR M & CAR 145 environments.

The Course also focuses on the need of the Quality Assurance Department to support the organisation objective of multiple compliance across a range of standards. It is relevant for members of the quality Assurance Audit department, all business area stake holders and owners.

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## Pre-requisites

A background or understanding of Aviation Audit techniques and process will provide a foundation to build on during this training.

## 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 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 prepare the delegate to undertake the role of Lead auditor and or Quality Manager.

## Certificate Wording

*Compliance Auditing Process Review. Requirements Related to a CAR M / CAR 145 Quality System , Advanced Auditing Techniques, Practical Auditing Base, Line & Workshop Maintenance. Audit Schedules & Checklists, Auditing of SMS, Root Cause & Classification of Findings, Effective Report Writing & Corrective Actions.*

## What do People Say about Sofema Aviation Services Training?

*"The content of the course will be very useful for my future practices."*

*"All my expectations are met."*

*"The course really contributed to expanding my knowledge in that area."*

*"The instructor really added up to me understanding the topic."*

*"The presentation made the material so much more comprehensible."*

## Duration

3 days – Start at 09.00 and finish at 17.00, with appropriate refreshment breaks.

To register for this training, please email [team@sassofia.com](mailto:team@sassofia.com) or Call +359 28210806

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