



Developing Quality Assurance Techniques in a CAR M & CAR 145 Environment – 3 Days

INTRODUCTION

Organisations which can deliver an effective quality audit system and 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 CAR M / CAR 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. Part 145 organisations are required to have an effective Quality audit Program to ensure that all required compliance's (both external and Internal) are met by the organization.

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 appropriate to experienced auditors.

Detailed Content / Topics - The following Subjects will be addressed

Day 1

- General Introduction
- Abbreviations and Terms
- EASA Regulatory Frame Work
- The Difference between Quality Assurance and Safety Assurance
- Introduction to EASA Compliant Aviation Quality Audit Techniques
- Considering the Basics
- How to Effectively Determine Compliance
- Auditor Competence
- Quality Review & Delivery of Effective Audits
- Practical understanding of the role of Root Cause
- Identification of Root Cause
- Managing Root Cause Processes including Analysis
- Development and use of Audit Check Lists

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Day 2

- Advanced Quality Audit Techniques
- Performance Auditing Basics
- Delivering Performance Audits
- Developing Preventative Strategies and the role of Performance Auditing
- Performing and Managing Investigations with Practical Examples
- The impact of Safety Culture on Performance Audits
- The use of Psychology during Audits
- Aviation Maintenance Post Check Analysis and Follow up – Case Study for Performance Audit
- Auditing for Process Effectiveness

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
- Auditing for Process Effectiveness
- Managing Meetings to Open and Close the Audit
- Effective Report Writing
- Creating Corrective Actions
- Management Evaluation

Target groups

Quality Assurance Professionals with existing audit experience and knowledge of aviation quality systems.

Pre-requisites

This is not an entry level course and assumes a good background knowledge of aviation auditing techniques.

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TRAINING COURSE DETAILS

Learning Objectives

The goal of the training is to achieve a consensus of practical understanding. Particularly regarding in depth and best practice processes for managing the aviation auditing role. Focused within a CAR M and CAR 145 Audit department.

Duration

3 days - each day will commence at 09.00 and finish at 17.00, with appropriate refreshment breaks

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