

# Aviation Safety Management System Audit Techniques – 2 Days

## Introduction

Quality Assurance Audits are essentially prescriptive or compliance driven means that there is a standard against which we are assessing conformity, any deviations are written up as a finding or a corrective action.

Safety Assurance System Audits on the other hand look at more than compliance (although this aspect is indeed a feature) Safety Audits look at the “performance” of the SMS.

Such a variable approach to developing our SMS creates a challenge to deliver a standardised audit. However we are still able to develop a meaningful assessment of the Safety Management System by considering how the organisation sets its objectives and manages the available data to support the delivery of these objectives.

This 2 Day course is focused on the role of both Industry and Authority Personnel who have a need to deliver an assessment of an aviation Safety Management System (SMS)

## Who is the Course for?

This training is highly relevant for safety and quality assurance auditors Manager as well as business area stake holders who need to have a deep appreciation of the safety audit process.

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

- To understand the role of performance audits
- How to engage with the challenges of assessing the effectiveness of SMS processes
- Achieve the confidence to highlight shortfalls and areas of weakness in the SMS process
- Constructing findings in a performance context
- Gain a detailed understanding of the multiple challenges to deliver a practical SMS
- Benefit from understanding Industry Best Practice

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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

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

- General SMS Introduction
- Definitions
- The Difference between Quality and Safety Assurance
- Understanding the Nature of Risk
- Safety Auditor Competences
- Delivering Safety Audits
- Techniques for Advanced Safety Auditing –DATA Driven
- Performance Auditing Challenges
- How to Evaluate the Organization Data Capture and Data Analysis Processes
- How to Approach Contributory Factors, Risk and Severity
- How we Measure and Categorize Risk
- SPT - Alert Level - SPI
- Considering Aviation Safety System Performance Indicators
- Human Factors Safety Culture and Risk Assessment
- Considering Mitigations and Recommendation Proposals
- Assessing SMS Communication Tools
- Auditing the Impact of Safety Culture on SMS
- Safety Management System Occurrence Reporting Considerations
- SMS Audit – Case Study

## Target Groups

Safety and quality assurance auditors Manager, business area stake holders who need to have a deep appreciation of the safety audit process.

## Pre-Requisites?

Attendees to this training should have a detailed understanding of the Aviation SMS Basics as well as a practical understanding regarding implementation of SMS.

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## Learning Objectives

- To understand the fundamentals of Safety Auditing
- To understand the practical challenges to deliver effective Safety Audits
- To deal effectively with the cross department issues

## Certificates wording

*Safety System Auditing – Compliance & Performance, Understanding Gap Analysis Direct, Contributing & Root Causes, Auditing Management of Change, SMS Performance Indicators and Effective Oversight Processes. Assessing Hazard identification & Safety Risk Management Process, Safety Culture & Willingness to Report.*


## 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 a very resourceful background and experience."  
"All sections of the course were related to my field."  
"Adequate answers were given to specific questions."*

## Duration

2 Days – To commence 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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