

# UAE GCAA CAR 145 Recurrent – 1 Day

## Introduction

This course has been developed to meet the needs of existing EASA Aviation system personnel (safety practitioners) who are looking to build competence in the practical management of an effective SMS system.

This course is aimed at developing additional skills related to Safety System Analysis Investigation as well as gaining the ability to deliver both understandings as well as the ability to develop mitigations related to the various safety-related occurrences which we face on a regular basis within our organization.

Whilst such incidents do not necessarily lead directly to significant negative outcomes, they may still become a precursor or element of a future event.

We have an opportunity to subject such safety occurrences to correct and proper investigation and analysis, in this way, they may have a significant and beneficial effect on the organisations ability to improve its safety performance.

The outcomes of such activities play a significant role in supporting the organization to achieve its goals to not just maintain, but to exceed regulatory compliance – What is the consequence – risk or opportunity considered and to consider the corrective action disposition?

## Who is the course for?

Determination of causal factors relating to an actual or potential event is a task addressed to Safety System Investigation Staff, Functional Area Managers, Nominated persons and Senior management. Quality assurance staff may also support the process of determination related to the various elements of the investigation. The course is also beneficial for persons involved with interaction with organization SMS. However to note that this course is considered as advanced and attendees should have a broad familiarity with Safety Management Systems Process and Development.

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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 ensure the organisation is able to effectively analyse events to determine the most appropriate and effective outcome.
- b) To be able to explain the requirements of an effective Safety System process and to manage information in a confidential and effective way.
- c) Ability to focus on effective identification of root cause analysis and promotion of positive action.
- d) To be able to assess and develop Safety Performance Indicators
- e) Understand techniques to focus on the organisational issues and to develop an appropriate response
- f) To be able to identifies the root cause of the faults and failures
- g) To gain experience in applying corrective actions for preventing the recurrence of the causes leading to failures.

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

- ICAO Annex 19 & Components of an SMS System
- Understanding the Nature of Risk in the Aviation System
- How to Evaluate the Organization Data Capture and Data Analysis Processes
- Advanced Safety Auditing Techniques

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

- Advanced Analytical Procedures
- How to Approach Contributory Factors, Risk and Severity
- How we Measure and Categorize Risk
- Recognition and Ongoing Management of Threats
- Human Factors Considerations and Integration into the Aircraft Accident Analytical Process.
- Considering Mitigations and Recommendation Proposals
- Safety Performance Targets (SPT), Alert Levels and Safety Performance Indicators (SPIs): The Performance-Based SMS
- Considering Aviation Safety System Performance Indicators

## Target groups

Safety Managers, Safety Investigation Staff, Quality Audit staff, Members of the safety action group, safety experts, SMS stake holders.

## Pre-requisites

A strong understanding of QMS, SMS and organisational processes.

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## Learning Objectives

After completion of this course, Delegates should be able to perform all steps necessary to ensure effective management within an active Safety Management System as well as to perform appropriate analysis and to be equipped to apply those skills in a practical way and propose mitigation within their organisation.

- To re-enforce a comprehensive understanding of the requirements of obtaining the required information necessary to effectively analyse the elements of the exposure.
- To understand the methodology to determine root cause and develop appropriate responses.
- How to identify areas which need special attention and how to focus our efforts on making sure we have a comprehensive understanding of multiple root causes.
- An essential element then 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.

## 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

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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