

# Aviation SMS Hazard Identification and Risk Analysis – 1 Day

## Introduction

This course is not intended to be entry level and it is expected that you are quite familiar with the theory regarding Safety Management and understand the concept that SMS is a specific approach to managing safety, including the full accountability procedures processes and policies within the framework of an organisational structures.

The SMS process of Hazard Identification and Risk Analysis takes place within the Safety Risk Assessment Element of the SMS.

Safety risk assessment (SRA) should be performed during periods of change or prior to proposed change. SRA may also be performed on a continuous basis to ensure organisational health and well being.

Safety risk assessment features 8 Key elements and each element is considered within the appropriate context during this specialised 1 day training.

Developing an effective Hazard Identification and Risk Analysis process can play a major role in not just driving safety but also to deliver savings within the organisation.

Hazard Identification is the responsibility of everyone in the work place, nominating and training a specific group will underpin the integrity of the SMS System.

## Who is the course for?

It is for persons who are actively involved in the management or Interaction or the organisations SMS including Quality Audit Staff, Nominated Persons, and business process owners, as well as anyone with an interest to achieve an effective understanding of the SMS Hazard Identification & Risk Mitigation processes.

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

- a) To be able to explain the organisation SMS methodology related to Hazard Identification and Risk Mitigation.
- b) To understand the mechanism whereby the Senior Management can demonstrate effective oversight and management of its risks.

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

- c) Understanding the need to provide Senior Management with full awareness of the key risks or exposures of the business
- d) To develop the ability to Mitigate or control the potential "safety threats.

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

Introduction

Abbreviations and Definitions

SMS Risk Assessment – Challenges

The Risk Management Process in a Safety Management System

Identifying Hazards

To consider how we can effectively manage our Hazard Identification Process

Consequence Analysis

Approval and Management of Residual Risk

Developing Organisational Tools for Analysis

To consider the best process for Optimizing Risk Assessment Techniques

How to identify areas which need special attention and how to focus our efforts on making sure we can deliver in all relevant areas

Safety Risk Control & Mitigation Exercise

## Target Groups

This training is highly relevant for safety and quality assurance as well as business area stake holders.

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## Pre-Requisites?

A background or understanding of Aviation Quality and Safety Systems

## Learning Objectives:

- To understand the 8 key elements of Aviation SMS Hazard Identification and Risk Analysis
- To understand the practical challenges to deliver effective identification and analysis
- To promote best practice solutions to SMS challenges

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

"This training offers very good explanations of difficult topics."  
"All aspects were useful, the examples were great."  
"This training helped me to develop some new skills."  
"The instructor is very resourceful and intelligent."  
"Having a visual material helps a lot the learning process."

## Duration

1 Day – 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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