

# SOFEMA

Aviation services



Aviation Regulatory Experts



TRAINING COURSE DETAILS

## Safety Management System (SMS) – How to use Safety Performance Indicators (SPI) to Deliver an Acceptable Level of Safety (ALOS) – 2 Days

### Introduction

Aviation is an incredibly complex business environment. Demands placed on the organization and individuals to deliver are often considerable and place a burden on key individuals.

On a daily basis, Operators and Managers make decisions in real time, weighing the probability and severity of any adverse consequences implied by the risk against the expected gain of taking the risk. (This process is known as risk management.” – ICAO)

We accept that absolute safety is generally an unachievable and very expensive goal, therefore the concept of acceptable safety has been adopted in aviation. The term “acceptable risk” describes an event with a probability of occurrence and consequences acceptable to the society

### Managing Risks in Aviation

“The risks and costs in commercial aviation necessitate a rational process for decision-making.

The term Acceptable Level of Safety (ALoS) defines an aviation service provider’s minimum level of acceptable risk for a given safety issue.

“Acceptable” describes the need for no further mitigatory actions on the part of the service provider for the safety concern in question.

Safety performance indicators (SPI’s) should meet quality criteria to assure they are quantifiable, representative to safety performance, comprehensible and can be cost-efficiently used. Developed safety performance indicators should be related to the main operational safety issues.

### “You cannot manage what you cannot measure”

The concept of acceptable level of safety is expressed by two specific metrics, namely safety performance targets and safety performance indicators.

This course provides a detailed understanding ALOS and how we can use SPI’s to measure and manage our exposure.

### Date

On Demand

### Venue

### Category

Personal Development

### Price

On Demand

t + 359 2 821 08 06  
e [office@sassofia.com](mailto:office@sassofia.com)

[www.sassofia.com](http://www.sassofia.com)



## Who is the course for?

Accountable Managers, Directors, Managers, Safety System Stakeholders. Competent Authority Regulators and Inspectors, Operations Directors, Managers, Supervisors. Quality and Safety Managers and Auditors.

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

- a) Gain a detailed awareness of the philosophy of Safety Risk management
- b) Be able to fully engage with the assessment of Acceptable Level of Safety
- c) Be able to develop Safety Performance Indicators to generate data for managing an effective SMS
- d) Understand Roles and Responsibilities related to the Effective Risk Management of your SMS
- e) Be able to acquire and manage Data within the Organisational Environment

## Why Should I choose Sofema Aviation Services (SAS) for the training?

Sofema Aviation Services is a Regulatory Training and Consulting company with 45 years of commercial aviation experience and 10 years operational experience. Since the start we have provided certificates to approx 20,000 delegates and we have grown for 2 primary reasons!

The first is that we are professional and we listen to our customers.

The second reason is a combination of outstanding course fees, together with a world beating discount program which leaves our competitors way behind – please do not take our word for it, [check it out!](#)

## What Makes SAS Safety Management System (SMS) - How to use Safety Performance Indicators (SPI) to Deliver an Acceptable Level of Safety (ALOS) - 2 Days Different?

Because our courses are written by people who have lived through the regulations, from the introduction in the early 90's as a JAR through to the transfer to EASA in 2003. The author of the training material has more than 25 years' experience as an EASA auditor across the entire regulatory spectrum including Initial and Continuing Airworthiness. Operations and Airports.

At Sofema Aviation Services our focus is on accepting that compliance with Aviation Regulations is in fact minimum compliance. Interpreting the regulations in a way which enables the development and optimisation of our business is where we should be! seeking opportunities to drive efficiencies and cost saving.

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

- ❖ Review of ICAO SMS Driven Objectives
- ❖ Introduction – What is safety performance
- ❖ Background to Safety Risk and Exposure within an Aviation Environment
- ❖ What is the Difference between AloS and SPI's
- ❖ Understanding the role of safety performance monitoring within SMS
- ❖ Considering the Difference between Safety Objectives and Safety Performance Targets
- ❖ Developing relevant SPIs to meet the business objective to monitor safety performance
- ❖ Safety objectives, safety performance indicators and safety performance targets
- ❖ Acceptable level of safety performance
- ❖ Managing Safety Data
- ❖ A Practical guide to Implementing and managing SPI's within your organisation
- ❖ Pre-requisites
- ❖ A background understanding related to aviation safety is an advantage, specific SMS competencies are not essential.

## Pre-requisites

A background understanding related to aviation safety is an advantage, specific SMS competencies are not essential.

## Learning Objectives

- Understand the Process of Managing SPI within your Organisation
- Understand the purpose and methodology of measuring performance within your SMS
- Be able to fully engage with all effective process for the implementation of a fully compliant SMS achieving an acceptable level of Safety

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## What do People Say about Sofema Aviation Services' Trainings?

*"Questions were welcomed and immediately answered."*

*"The instructor made sure that every person understood the content of the course."*

*"The presentation of the material was perfect."*

*"The content was explained in detail."*

*"The instructor stayed on one subject until it was cleared for everybody and then moved on"*

## Duration

2 days – Each Training day will start at 09.00 and finish at 17.00, with appropriate refreshment breaks.

SofemaAviation Services offers a flexible approach to developing all in-company training courses which are specific to the client's needs. If you would like additional information concerning how course content may be configured to be more appropriate for your organisation please email [office@sassofia.com](mailto:office@sassofia.com)

To register for this training, please email [office@sassofia.com](mailto:office@sassofia.com) or Call +359 2 821 0806

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