

# Aviation SMS – Safety Performance Indicators (SPI) & Acceptable Level of Safety (ALOS) Executive Review – 1 Day

## 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 (SPIs) should meet quality criteria to assure they are quantifiable, representative of 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 an acceptable level of safety is expressed by two specific metrics, namely safety performance targets and safety performance indicators.

This course provides a detailed understanding of ALOS and how we can use SPIs to measure and manage our exposure.

tel + 359 2 821 08 06  
email team@sassofia.com

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

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<b>Venue</b>	On Demand
<b>Level</b>	Basic
<b>Price</b>	On Demand

## 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 the 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

## Who is the course for?

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

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

- Background to Safety Risk and Exposure within an Aviation Environment
- What is the Difference between AloS and SPI
- 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

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## Target Groups

Aviation executives, senior managers, safety managers, and key personnel involved in safety management systems and safety performance monitoring within aviation organizations.

## 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 processes for the implementation of a fully compliant SMS achieving an acceptable level of Safety

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

*"I found satisfying answers to all my questions."  
"The instructor demonstrated a very deep knowledge of the subject."  
"The length of the course fits my needs and expectations."  
"The content was really effective, I gained a lot of new knowledge."  
"The practical examples were perfectly delivered."*

## 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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