

Safety Management System (SMS) Training

Introduction

This course is specifically designed to give involved personnel a basic understanding of the elements and functions involved in a compliant SMS.

Additionally the course will provide participants the opportunity work together in case studies relating to the topics of participants' highest interests.

The training includes also an introduction to the topic State Safety Programme as it is the framework for the SMS of service providers and that combines elements of both prescriptive and performance-based approaches to the management of safety.

Course Content

Introduction to Safety management Systems:

- ✦ SMS program requirements
- ✦ Components of a Safety Management System
- ✦ Accident causation and root cause analysis
- ✦ Hidden cost of accidents
- ✦ The four types of error
- ✦ Active and latent failures to include: Organizational influences, system influences, and operator influences
- ✦ The Five-Step Accident Prevention Process
- ✦ Information collection systems
- ✦ Risk management systems
- ✦ Effective countermeasures
- ✦ Implementation planning for Safety Management System
- ✦ Developing control measures
- ✦ Safety system administration and documentation
- ✦ Developing and managing an effective safety culture

Introduction to Safety Risk Management:

- ✦ Hazard identification process
- ✦ Risk assessment process
- ✦ Internal and external barriers for Hazard identification and Risk evaluation
- ✦ Risk mitigation process
- ✦ Case study

Introduction to State Safety Programme:

- ✦ Historical framework, what is an SSP?
- ✦ ICAO and EASA legal framework
- ✦ The components and elements of an SSP
- ✦ State Safety Policy and Objectives
- ✦ State Safety Risk management and State Safety Assurance
- ✦ State Safety promotion, Just Culture
- ✦ Implementation and timelines
- ✦ Personnel and the training of Personnel
- ✦ The role of the SSP in supporting an SMS

Learning Objectives

At the completion of this course attendees will be able to:

- ✦ Identify the required content for a compliant SMS
- ✦ Have the knowledge and materials to begin the development and implementation an ICAO/EASA compliant Safety Management System as an organized approach to managing safety. This includes the organizational structure, accountability, policies, and procedures.
- ✦ Assume the responsibility of coordinating and supervising the safety efforts of your organization related to the applicable position.
- ✦ Use the resources provided to start the development, implementation, and management of an effective Safety Management System
- ✦ Be an effective resource to the management team in the safety system.
- ✦ Act as an efficient safety management resource to the Accountable Manager and other managers in the Safety Management System.
- ✦ Assess your current Safety Management System.
- ✦ Modify and tailor your current Safety Management System.
- ✦ Incorporate industry “best practices” into the Safety Management System.
- ✦ Network and share information and materials with other attendees in the class.
- ✦ Identify and use the supplemental resources provided in this course to further develop, implement, and manage an effective Safety Management System

Target Group

Accountable managers, Safety managers, Post holders of various approved aviation organizations, Safety facilitators, and also Authority representatives.