

Aviation System Risk Assessment and Management of Change Workshop – 2 Days

Introduction

This course is offered as both a recurrent training as well as to enable existing Aviation Stakeholders an opportunity to upskill and engage with a Risk-Based Analysis Process and Management of Change Safety Management System.

EASA is increasingly focusing on the introduction of Performance (Risk) Based Regulation (PBR) as a complement to a Prescriptive (Compliance Based) Regulation.

With the goal of ensuring the best allocation of resources to both understand the risk facing the business together with the development of appropriate mitigations. Organizations need to consider Risk as a component of Change Management Decisions.

Consider the fundamental elements of a Risk-Based Oversight Program together with the value of measuring the organizational effectiveness to meet the objective of driving performance improvements.

Understand best practices for carrying out risk assessments of identified hazards avoiding common pitfalls. How to implement a risk assessment process within the Management of Change Activities.

Concerning the Management of Change

The management of change should be a documented process to identify external and internal change that may have an adverse effect on safety. It should make use of the operator’s existing hazard identification, risk assessment and mitigation processes.

AMC1 ORO.GEN.200(a)(1);(2);(3);(5) Management system states the following:

-NON-COMPLEX OPERATORS — GENERAL

-The operator should manage safety risks related to a change. The management of change should be a documented process to identify external and internal change that may have an adverse effect on safety. It should make use of the operator’s existing hazard identification, risk assessment and mitigation processes.

AMC1 ORO.GEN.200(a)(3) Management system states the following:

-COMPLEX OPERATORS — SAFETY RISK MANAGEMENT

-The management of change. The operator should manage safety risks related to a change.

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

- a) Understand how management of change work
- b) Understand the various techniques for building a Risk-Based Management System
- c) Learn how to interpret findings in the context of Risk.
- d) Consider different risk assessment models advantages and disadvantages
- e) Gain a fundamental understanding of the principles to be found within a regulatory risk and performance-based oversight system.
- f) Develop a detailed understanding of the roles and responsibilities related both to the Compliance Oversight and Risk-Based Oversight systems.
- g) Understand the management of Performance Standards and how they may be developed within your organization.
- h) Understand how to assess the effectiveness of an EASA Management System
- i) Consider the does and don'ts of Aviation Risk-Based Performance and Change Management Best Practices –what works Best –Why & How?

Detailed Content / Topics – The following Subjects will be addressed

Day 1

- EASA Risk Based Oversight Introduction
- Abbreviations & Definitions
- Understanding the Nature of Risk in the Aviation System
- Key Components and Challenges of an EASA Aviation Risk-Based Oversight System
- Regulatory Risk and Performance-Based Oversight Fundamentals
- Considering EASA Recommendations Related to Aviation Risk Based Oversight
- Business Risk Change Management Principles
- How to Perform Risk Profiling
- Using SPI's SPT's and KPI's as a Measure of the progress of change.
- Categories of Risk to be Considered Related to Risk-Based Audit
- Risk Based Internal Audit Methodology compared to Traditional Audit Approaches
- Organization Data Capture and Data Analysis Process Considerations
- Roles and Responsibilities related to Risk Communication
- Workshop Activity to Identify Challenges
 - Culture
 - Commitment
 - Constraints
 - Other Aspects?

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Day 2

- EASA 6 Step Risk Assessment Process
- ICAO 5 x 5 Risk Assessment Advantages & Disadvantages
- Using Bow Tie Techniques as Part of Risk Based Management System
- Understand the ARMS Methodology
- Auditing the Management of Change Process for Effectiveness
- Considering the Role of the Risk Register
- Risk Management Software – Developing a Specification
- Exercise to Perform Risk Assessment for a given business
 - OPS
 - Maint/ CAMO
 - ATC /ANS
- General Debrief and Review Assessment Reports

Target groups

This Course is suitable for Competent Authority Members, Existing Quality & Safety Managers & Auditors as well as other stake holders interested in the functioning of Risk Based Oversight & Management of Change

Pre-requisites

A background understanding related to aviation Quality and Safety is Necessary to fully engage with this training as well as an awareness of Basic Risk Management Principles

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Learning Objectives

Achieve a full understanding of the key components within a risk-based oversight audit program.

- Understand the different techniques used to consider Risk within the Business
- Be able to engage with the principles of risk Measurement & Mitigation
- Be Able to explain the process of Change Management

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

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 or Call +359 28210806



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