



TRAINING COURSE DETAILS

## Developing Risk Assessment Strategies

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

The core requirement for an SMS is an effective method of identifying and controlling risk, and an essential element of safety management is the process of risk assessment. The need to identify and control risk is key to protecting the organization and this two-day course will provide the delegates with an understanding of how to identify hazards within their own workplace and to evaluate these hazards to produce a risk assessment.

During the course delegates will work through several examples with the emphasis on group work and discussion to evaluate the differences of opinion, which may come into risk assessment.

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

- Abbreviations & Definitions
- The Evolution of Safety Thinking
- The Difference between Conformance, Compliance and Performance
- The Difference between Safety Assurance and Quality Assurance
- Safety Culture and Risk Assessment
- Human Factors and Risk Management
- Practical Safety Auditing Techniques
- Identifying Hazards
- Risk Assessment & Root Cause Analysis
- Risk Management
- Advanced Risk Analysis
- Safety Risk Management
- Qualitative or Quantitative Risk Assessment
- SMS Return On Investment & The Hidden Costs of Failed Safety Systems

#### Date

On Demand

#### Venue

#### Category

Personal Development

#### Price

On Demand

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## Target groups

This course will be of significant benefit to SMS Managers, Quality Managers and other Stakeholders in the organization who need to have the necessary background and skills to manage the Risk Assessment Strategies or perform Risk assessment in the work place.

## Pre-requisites

A background in an aviation environment. A strong familiarity with ICAO SMS and principles and structure.

## Learning Objectives

The course considers Hazard Identification and Risk Assessment and its direct application within the context of Aviation SMS.

After attending this course the participant should be able to manage and perform the Risk Assessment Techniques and Strategies in the organization.

## Duration

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

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