

Using Bowtie Techniques for Aviation SMS Risk Assessment & Management – 1 Day

Introduction

The Bowtie Technique for Hazard and Risk Assessment and Management provides an effective tool that enables hazard scenarios to be presented in an easily understandable way with visualization which helps to understand how hazards may escalate and also how they may be effectively managed.

This 1-day intensive course is designed to share with the delegates the methodology to understand the construction and analysis of Bow Ties and the technique of employing qualitative risk assessment processes and practices. Delegates will have the opportunity to perform several bowtie exercises in order to gain real experience using Bowties.

Making it Real!

The client is encouraged to provide typical hazard data – possibly from the risk register to provide data to use during the course.

Who is the course for?

This course is for individuals in the aviation industry who are involved in Safety Management Systems (SMS) and risk assessment. Bowtie techniques are commonly used in various industries, including aviation, to visualize and analyze potential hazards and their associated controls in a graphical manner.

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

Participants during this course will learn how to effectively apply the bowtie methodology to visualize and analyze aviation hazards, potential consequences, and risk controls in a graphical manner. The course aims to equip participants with the skills to enhance safety management systems through practical risk assessment and barrier management techniques specific to the aviation industry.

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Date	On Demand
Category	Personal Development
Venue	On Demand
Level	Basic
Price	On Demand

Detailed Content / Topics - The following Subjects will be addressed

- Why Bowties?
- Bowtie Definitions and Nomenclature
- Risk Management Principles
- Understanding the link between Hazards and Risk
- History and Current Use
- The Principles of the Bowtie Methodology
- Bowtie Concepts used for Hazard Identification
- Bow Tie Construction Step by Step
- Barrier-based theory
- Bow Tie Case Studies using Co Data
- Group Debrief and Close

Pre-requisites

A background or understanding of Aviation Quality and Safety Systems is an advantage.

Learning Objectives

To understand the fundamentals of Hazards, Risk Assessment methodologies, and the role of Mitigation

To provide a detailed understanding of the methodology of working with Bowties

To understand how to perform and work with Barrier Based SMS Risk Management Techniques

Target Groups

This training is highly relevant for safety and quality assurance auditors Managers as well as business area stakeholders who need to have a deep appreciation of the safety risk management process.

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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 or Call +359 28210806

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