



## Safety Risk Assessment

Professional Certificate Course

Delivery: Classroom

Duration: 3 days

This course provides personnel from airport operators with a more detailed understanding of the procedures for hazard identification and risk assessment, the related processes, activities and tools, and application within their own Safety Management Systems (SMS). This course is designed to enable delegates to gain an understanding of how hazards can be identified on the aerodrome and the various mitigation techniques that can be established to manage safety effectively.

## Learning Objectives

Upon completing this course, participants will be able to:

- Describe the basic principles of human performance and safety management in aviation operational contexts
- Determine the parameters of a Safety Risk Assessment
- Provide guidance on mitigation measures for managing hazards
- Analyze how aeronautical studies and safety cases can be developed and used to manage safety

## Target Audience

- Airport Managers, Safety and Compliance Managers and Staff
- Duty Managers and Supervisors
- Personnel with active roles in managing safety at an aerodrome

## Course Content

- Four Fundamentals of Hazard Identification
- Safety Risk Assessment process
- Severity
- Probability
- Tolerability
- Safety Accountabilities and Responsibilities
- How to develop and apply Mitigation to
- Hazards Identified
- Aerodrome works risk assessment



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- Aeronautical studies
- Group practical exercise
- Case studies