MERCURY

Aviation Safety Management Training Course

30 November – 4 December 2026
Brussels (Belgium)



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Ref: 15081_257763 **Date:** 30 November – 4 December 2026 **Location:** Brussels (Belgium) **Fees:** 6200 Euro

Introduction:

This aviation safety management course presents participants with the key tools to manage performance-based safety management systems in aviation. The processes examined equally apply to the airline, airport, Air Traffic Management, and other aviation operations, ensuring a robust aviation safety management system.

In aviation safety, professionals must obtain the aviation safety management certification that showcases their expertise in maintaining safety standards. The role of an aviation safety manager is critical, as they are responsible for the strategic implementation of safety management systems, ensuring a high level of safety within an airline or airport environment.

This aviation safety management training course aims to equip individuals with the required competencies in this specialized field, leading to improved safety measures and the potential to acquire aviation safety certificates.

Targeted Groups:

- Safety and Operations Managers.
- Civil Aviation Authorities.
- Air Navigation Service Providers.
- Individuals are required to supervise an accident prevention/risk management program.

Course Objectives:

By the end of this aviation safety management course, participants will be able to:

- Equip the individual with the skills and practical methods to plan.
- Manage and maintain an effective aviation safety management system.
- Understand the structure of aviation systems.
- Comprehend the intricacies of marketing in aviation.
- Learn strategies for controlling passenger behavior.

Targeted Competencies:

At the end of this aviation safety management training, target competencies will be able to:

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- Risk management.
- Investigate incidents and accidents.
- Health and Safety Management Systems.
- Safety Legislation.
- Foster a positive Health and Safety Culture.
- Managing Work Equipment Hazards and Control.
- Controlling Hazards from Hazardous Agents.

Course Content:

Unit 1: Aviation Safety Training and Risk Management:

- The Key Items From the Risk Management.
- Understanding What is Risk.
- Types of Controls Available.
- Risk Management Process.
- Implementing Risk Management Components.
- Customized Risk Model Development.
- Establishing Risk Rating Parameters.

Unit 2: Airport and Aviation Safety Management:

- The Need for Risk Management in Airport Settings.
- Analyzing Risk Management Successes and Failures.
- Global Risk Management Requirements in Aviation.
- Comparison of Risk Management Components.
- Benefits of Employing Risk Management.
- Critical Requirements to Integrate Risk Efficiently.

Unit 3: The Aviation Safety Management Program:

- Integrating Management Into Operations for Safety.
- Conducting Risk Profiling.
- Developing Risk Treatment Action Plans.
- Involvement in Aviation-Related Case Studies.
- Learning Airport Environment Terminology.
- Introduction to Safety Management Systems SMS.

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Unit 4: Practical Aspects of Aviation Safety Management Software and Systems:

- Human Factors in Airside Operations.
- Understanding Ramp Safety Procedures.
- The Dynamics of Moving Aircraft.
- Protocols for Aircraft Fuelling, Off Load, and Arrival Check.
- The Importance of Personal Protective Equipment.
- Identifying Potential Hazards on The Apron.

Unit 5: Aviation Safety Management System Training and Certification:

- Conducting Thorough Risk Assessments.
- Management of Hazardous Substances and Dangerous Goods.
- Introduction to Airside Safety Audits.
- Implementing Airside Accident Reporting Procedures.
- Understanding Accident Causation And Prevention.
- Techniques for Effective Accident Investigation.

Conclusion:

This course provides comprehensive knowledge and skills related to training and development in aviation safety management, including the potential path toward certification of aviation safety management systems. Participants will learn the complexities of applying aviation safety management software and processes, essential for establishing a secure and efficient aviation safety management program.