

# Workshop In Aviation Safety Management: 10-Day Intensive

Aviation  
Rome (Italy)  
14 - 25 Jul 2025

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A close-up photograph of chess pieces on a checkered board. In the foreground, a large, ornate gold king piece stands prominently. To its left, a smaller silver pawn is visible. Further back, another silver pawn is positioned. The background features a series of concentric, light gray circles that create a sense of depth and focus on the pieces.

## Workshop In Aviation Safety Management: 10-Day Intensive

**Ref:** 321754\_136238 **Date:** 14 - 25 Jul 2025 **Location:** Rome (Italy) **Fees:** 7100 **Euro**

### Course Description

This intensive 10-day workshop provides a comprehensive overview of aviation safety management principles and practices. Participants will gain in-depth knowledge of safety management systems SMS, risk assessment techniques, human factors in aviation, and strategies for developing a positive safety culture. Through a combination of theoretical instruction and practical exercises, attendees will develop the skills needed to implement and maintain effective safety programs in aviation organizations.

### Learning Objectives

- Understand the core components and implementation strategies of Safety Management Systems SMS
- Develop proficiency in risk assessment and mitigation techniques specific to aviation operations
- Analyze human factors and their impact on aviation safety
- Learn methods for fostering a positive safety culture within aviation organizations
- Gain practical skills in safety data analysis and continuous improvement processes

### Course Modules

#### Day 1: Introduction to Aviation Safety Management

- Evolution of aviation safety
- Regulatory framework and ICAO standards
- Overview of Safety Management Systems SMS
- Safety culture concepts

#### Day 2: SMS Components and Implementation

- Safety policy and objectives
- Safety risk management
- Safety assurance
- Safety promotion

#### Day 3: Risk Management in Aviation

- Hazard identification techniques
- Risk assessment methodologies

The logo for UK Training Partner, featuring the text 'UK Training' in a small font above the word 'PARTNER' in a large, bold, black font. The background of the logo is a stylized chessboard with several chess pieces (a king, a queen, a rook, and a pawn) in gold and silver, set against a background of concentric circles.

- Risk mitigation strategies
- Bow-tie analysis

#### **Day 4: Human Factors in Aviation Safety**

- Human performance and limitations
- Crew Resource Management CRM
- Fatigue risk management
- Human error models

#### **Day 5: Safety Culture Development**

- Just culture principles
- Safety communication strategies
- Leadership's role in safety culture
- Measuring and improving safety culture

#### **Day 6: Safety Reporting Systems**

- Voluntary and mandatory reporting systems
- Confidentiality and non-punitive reporting
- Data collection and analysis
- Feedback mechanisms

#### **Day 7: Safety Performance Monitoring**

- Safety performance indicators
- Safety data analysis techniques
- Trend analysis and forecasting
- Continuous improvement processes

#### **Day 8: Emergency Response Planning**

- Emergency response plan components
- Crisis communication
- Business continuity planning
- Emergency response exercises

#### **Day 9: SMS Auditing and Evaluation**

- Internal audit processes
- External audits and regulatory oversight
- Gap analysis techniques
- Corrective action plans

#### **Day 10: Advanced Topics and Future Trends**

A graphic of a chessboard with several chess pieces. A large gold king piece is in the foreground, with a silver pawn and a silver knight behind it. In the background, there are concentric circles and the text 'UK Training PARTNER'.

- Integration of SMS with other management systems
- Safety management in unmanned aircraft systems
- Artificial intelligence and big data in aviation safety
- Emerging technologies and their impact on safety

## Practical Wins for Participants

- Develop a customized SMS implementation plan for their organization
- Create a comprehensive risk register and mitigation strategies
- Design a safety culture improvement program
- Construct a set of relevant safety performance indicators for ongoing monitoring

A graphic of a chessboard with several chess pieces. A large gold king piece is prominent in the foreground, with a silver pawn and a silver knight behind it. In the background, there are concentric white circles on a dark surface.

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