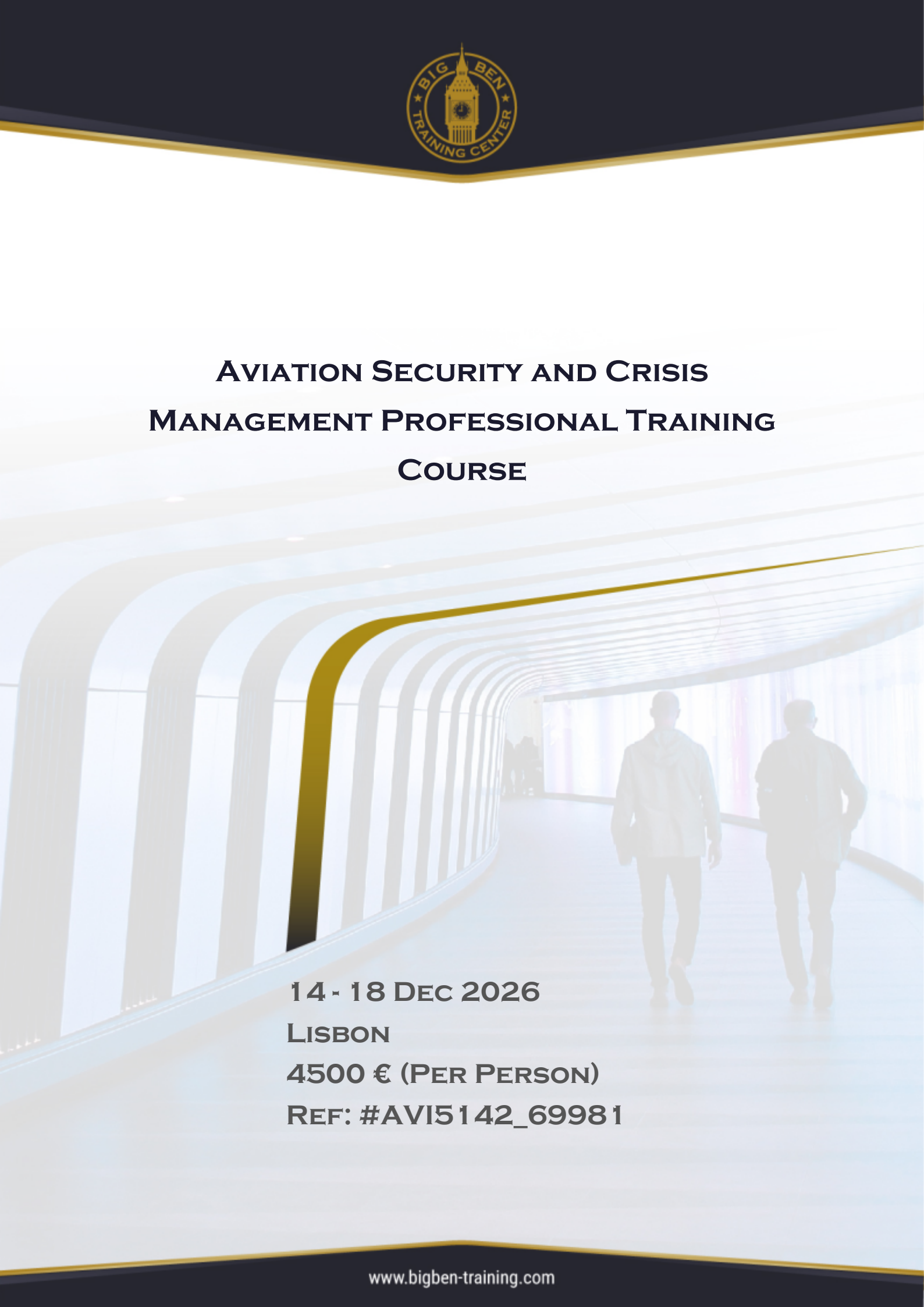
Aviation Security and Crisis Management Professional Training Course



14 - 18 Dec 2026

Lisbon

4500 € (Per Person)

Ref: #AVI5142_69981

Course Introduction / Overview:

The global aviation industry operates within a complex and dynamic threat landscape, demanding a proactive and resilient approach to security and crisis management. This course provides a comprehensive framework for understanding and implementing world-class Aviation Security (AVSEC) protocols while developing robust crisis management capabilities. Moving beyond theoretical knowledge, this program delves into the practical application of international standards set by bodies like the ICAO. As discussed by experts like Dr. Kathleen M. Sweet in her seminal work, "Aviation Security: A National and International Perspective," effective security is a multi-layered system integrating technology, intelligence, and human factors. This training, offered by BIG BEN Training Center, is meticulously designed to equip professionals with the skills to conduct thorough threat assessments, manage sophisticated security technologies, and lead with confidence during high-stakes security incidents. Participants will explore everything from passenger screening protocols and air cargo security to developing an effective emergency response plan and managing post-incident analysis, ensuring they are prepared to protect passengers, assets, and organizational reputation against a spectrum of modern threats.

Target Audience / This training course is suitable for:

- Airport Security Managers and Supervisors.
- Airline Security Directors and Staff.
- Civil Aviation Authority Regulators and Inspectors.
- Crisis Management and Emergency Response Team Members.
- Airport Operations and Ground Handling Managers.
- Law Enforcement and Border Control Officials assigned to airports.
- Air Cargo Security Managers.
- Corporate Security Professionals in the aviation sector.
- AVSEC Instructors and Trainers.

Target Sectors and Industries:

- Commercial Airlines and Air Carriers.
- International and Domestic Airports.
- Air Cargo and Logistics Companies.
- Aviation Fueling and Service Providers.
- Ground Handling Agencies.
- Government Agencies, including Civil Aviation Authorities, and Law Enforcement.
- Private Aviation and Fixed-Base Operators (FBOs).
- Aviation Consulting and Security Service Firms.

Target Organizations Departments:

- Security and Asset Protection Departments.
- Emergency Response and Planning Departments.
- Operations and Flight Control Departments.
- Corporate Security and Risk Management.
- Regulatory Compliance and Quality Assurance.
- Human Resources and Training Departments.
- Ground Handling and Ramp Services.
- Customer Service and Passenger Handling.

Course Offerings:

By the end of this course, the participants will have able to:

- Develop and implement comprehensive AVSEC programs compliant with international regulations.
- Conduct effective threat, vulnerability, and risk assessments for aviation operations.
- Master modern security screening techniques for passengers, baggage, and cargo.
- Design and execute robust airport contingency and emergency response plans.
- Lead and coordinate multi-agency responses during a security crisis.
- Manage crisis communication and media relations effectively during incidents.
- Analyze and mitigate insider threats and cybersecurity risks in aviation.
- Implement quality control measures to ensure sustained AVSEC performance.
- Investigate security incidents and develop actionable post-incident reports.
- Foster a strong security culture throughout their organization.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be immersive, interactive, and highly practical, ensuring that participants can immediately apply their learning in real-world scenarios. We move beyond traditional lectures to foster a dynamic learning environment built on active participation. The course heavily utilizes case studies of actual aviation security incidents, allowing participants to analyze complex situations, debate response strategies, and understand the consequences of critical decisions. Interactive group discussions and workshops encourage the sharing of diverse perspectives and experiences, enriching the learning process for all. A significant portion of the training is dedicated to simulation exercises and role-playing scenarios, where participants will practice managing bomb threats, responding to security breaches, and handling crisis communications under pressure. These practical sessions are guided by experienced instructors who provide constructive, real-time feedback. This blend of theoretical knowledge, practical application, and collaborative problem-solving ensures a deep and lasting understanding of aviation security and crisis management principles.

Course Agenda (Course Units):

Unit One: Foundations of International Aviation Security

- The Global AVSEC Framework and Regulatory Bodies (ICAO, IATA).
- International Conventions and National Civil Aviation Security Programs.
- Understanding the Modern Threat Landscape in Aviation.
- The Critical Role of Security Culture and Awareness.
- Legal Aspects and Compliance in Aviation Security.
- Human Factors in AVSEC and Performance Optimization.
- Introduction to Security Management Systems (SeMS).

Unit Two: Threat Assessment and Risk Management

- Principles of Threat and Vulnerability Assessment.
- Conducting a Comprehensive Airport Security Risk Analysis.
- Intelligence Gathering and Information Sharing Protocols.
- Behavioral Detection and Profiling Techniques.
- Insider Threat Identification and Mitigation Strategies.
- Cybersecurity Threats to Aviation Systems.
- Developing a Proactive Risk Mitigation Plan.

Unit Three: Operational Security Measures and Technology

- Landside, Terminal, and Airside Security Controls.
- Advanced Passenger and Cabin Baggage Screening Procedures.
- Hold Baggage Screening (HBS) Technologies and Processes.
- Air Cargo and Mail Security Protocols.
- Catering and Aircraft-In-Flight Supplies Security.
- Access Control Systems and Perimeter Security.
- Application of Biometrics and Advanced Surveillance Technology.

Unit Four: Crisis Management and Emergency Response

- Fundamentals of Crisis Management and Leadership.
- Developing an Airport Emergency Plan (AEP).
- Establishing an Emergency Operations Center (EOC).
- Incident Command System (ICS) for Aviation Incidents.
- Response Procedures for Hijackings and Unlawful Seizures.
- Bomb Threat Management and Response Protocols.
- Managing Active Assailant and Hostage Situations.

Unit Five: Post-Incident Actions and Advanced Security Concepts

- Crisis Communication and Media Management Strategies.
- Post-Incident Investigation and Root Cause Analysis.
- Business Continuity and Operational Recovery Planning.
- AVSEC Quality Control, Audits, and Inspections.
- Training and Drill Design for Emergency Preparedness.
- The Future of Aviation Security Technology and Strategy.
- Final Simulation Exercise: Integrated Crisis Response.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

How can the aviation industry balance the need for stringent security measures with the imperative for a seamless and positive passenger experience in an era of evolving threats?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by holistically integrating the technical discipline of Aviation Security (AVSEC) with the strategic leadership principles of crisis management. Unlike programs that treat these as separate subjects, this training emphasizes their symbiotic relationship, teaching participants not only how to implement security protocols but how to lead decisively when those protocols are breached. The curriculum is built on a foundation of practical application, moving beyond regulatory memorization to focus on real-world scenario-based learning. Participants engage in high-fidelity simulations that challenge their decision-making, communication, and coordination skills under pressure. Furthermore, the course places a significant emphasis on the human element, exploring the critical role of security culture, behavioral detection, and insider threat mitigation, which are often underrepresented in purely technical training. By blending international best practices with forward-looking concepts in cybersecurity and risk management, this program prepares professionals not just for the threats of today, but for the evolving challenges of tomorrow, fostering a mindset of proactive resilience rather than reactive compliance.