



COMPREHENSIVE RISK-BASED SECURITY FOR AIRPORTS TRAINING COURSE

19 - 23 OCT 2026

KUALA LUMPUR

5200 € (PER PERSON)

REF: #AIR3880_78529



COURSE INTRODUCTION / OVERVIEW:

The global aviation landscape is in a state of constant evolution, with emerging threats demanding a shift from traditional, static security measures to a more dynamic, intelligence-led, and risk-based approach. This course provides a comprehensive framework for understanding and implementing Risk-Based Security (RBS) principles within the complex airport environment. Moving beyond simple compliance, the curriculum delves into the methodologies of proactive threat identification, vulnerability assessment, and strategic risk mitigation, aligning with international standards such as ICAO Annex 17. As discussed by experts like Andrew R. Thomas in works such as "Aviation Security: A Nuts-and-Bolts Approach," the future of airport protection lies in a holistic Security Management System (SeMS) that is both resilient and adaptable. BIG BEN Training Center has designed this program to equip security professionals with the critical thinking and practical skills needed to develop and manage security programs that effectively allocate resources to the highest-risk areas. Participants will explore

- Governmental bodies, including Civil Aviation Authorities and Ministries of Transport.
- Private Security Service Providers.
- Travel and Tourism.
- Critical National Infrastructure Protection.



TARGET ORGANIZATIONS DEPARTMENTS:

- Security and Aviation Security (AVSEC) Departments.
- Operations and Terminal Management.
- Risk Management and Compliance.
- Safety and Quality Assurance.
- Emergency Planning and Crisis Management.
- Corporate Security.
- Information Technology and Cybersecurity.
- Human Resources (for insider threat programs).
- Facilities and Infrastructure Management.

and communication skills. The program incorporates expert-led discussions, peer-to-peer knowledge sharing, and practical exercises that bridge the gap between theory and practice. Continuous feedback from the instructor ensures that learning is reinforced and that participants can confidently apply the acquired risk-based security principles directly to their operational environments upon completion of the course.



COURSE AGENDA (COURSE UNITS)

UNIT ONE: FOUNDATIONS OF RISK-BASED AVIATION SECURITY

- Introduction to Aviation Security (AVSEC) evolution.
- Core principles

- Managing the media and public perception during a crisis.
- Post-incident analysis and continuous improvement.



UNIT FIVE: COMPLIANCE, AUDITS, AND FUTURE SECURITY TRENDS

- Quality control and assurance in airport security.
- Preparing for and managing regulatory security audits.
- Best practices for documentation and record-keeping.
- Addressing emerging threats: drones, cyber-physical attacks, and chemical threats.
- The future of airport security: seamless travel and data-driven screening.
- Public-private partnerships in enhancing airport security.
- Course review, final assessment