Airport Security Intelligence Training Course

Professional Development Training Course Outline

Category	Aviation and Airport Management	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Airport Security Intelligence is a strategic capability that enables airports, airlines, regulators, and security agencies to identify, assess, prevent, and respond to evolving aviation threats through intelligence-driven security operations. As global aviation faces increasing risks from terrorism, cybercrime, insider threats, organized crime, drone intrusions, and transnational criminal networks, intelligence-led airport security has become essential for protecting passengers, infrastructure, cargo, and critical airport systems. Airport Security Intelligence Training Course equips participants with practical skills in threat intelligence, aviation risk assessment, behavioral detection, intelligence analysis, surveillance technologies, cybersecurity awareness, and multi-agency information sharing while aligning with ICAO Annex 17, ICAO Security Manual (Doc 8973), IATA Operational Safety standards, and global aviation security best practices.

Participants will gain hands-on knowledge in collecting, evaluating, analyzing, and disseminating actionable security intelligence to support proactive decision-making within airport environments. The course emphasizes predictive risk management, AI-powered surveillance, biometric security systems, data analytics, crisis intelligence, counter-terrorism strategies, insider threat detection, and integrated airport security operations. Through international case studies, practical simulations, and collaborative exercises, participants will strengthen organizational resilience, improve regulatory compliance, enhance emergency preparedness, and support secure, efficient, and intelligence-driven airport operations.

Programme Curriculum

Airport Security Intelligence Training Course

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Course Objectives

After completing this course, participants will be able to:

1. Apply intelligence-led aviation security strategies.
2. Conduct airport threat and vulnerability assessments.
3. Analyze terrorism and organized crime risks.
4. Strengthen cybersecurity intelligence capabilities.
5. Implement behavioral detection and profiling techniques.
6. Utilize AI-enabled surveillance technologies.
7. Improve intelligence collection and analysis.
8. Enhance interagency intelligence sharing.
9. Develop insider threat prevention programs.
10. Support aviation crisis intelligence management.
11. Strengthen regulatory compliance with ICAO standards.
12. Improve airport risk-based decision-making.
13. Build resilient airport security intelligence systems.

Organizational Benefits

- Strengthened airport security resilience.
- Improved threat detection capabilities.
- Enhanced intelligence-driven decision-making.
- Reduced operational security risks.
- Stronger regulatory compliance.
- Better emergency preparedness.
- Improved cybersecurity protection.
- Enhanced stakeholder collaboration.
- Increased passenger confidence.
- Optimized security resource allocation.

Target Audience

- Airport Security Managers
- Aviation Security Officers
- Intelligence Analysts
- Airport Operations Managers
- Airline Security Personnel
- Border Control and Immigration Officers
- Law Enforcement Officers
- Civil Aviation Authority Personnel

Course Duration: 5 days

Course Modules

Module 1: Airport Security Intelligence Fundamentals

- Principles of aviation security intelligence.
- Global aviation threat landscape.
- Intelligence cycle and processes.
- ICAO Annex 17 requirements.
- Intelligence-led security operations.
- Case Study: Intelligence reforms following the Brussels Airport attack.

Module 2: Aviation Threat Assessment

- Terrorism threat identification.
- Organized crime intelligence.
- Insider threat assessment.
- Risk and vulnerability analysis.
- Threat prioritization techniques.
- Case Study: Heathrow Airport counter-terrorism intelligence operations.

Module 3: Intelligence Collection and Analysis

- Intelligence gathering methods.
- Open-source intelligence (OSINT).
- Human intelligence fundamentals.
- Data validation techniques.
- Intelligence reporting standards.
- Case Study: Changi Airport intelligence integration model.

Module 4: Airport Surveillance and Emerging Technologies

- AI-enabled surveillance systems.
- CCTV intelligence analytics.
- Biometric security applications.
- Drone threat monitoring.
- Smart airport security technologies.
- Case Study: Dubai International Airport smart surveillance deployment.

Module 5: Cybersecurity and Insider Threat Intelligence

- Airport cybersecurity risks.
- Digital threat intelligence.
- Insider threat indicators.
- Cyber incident response.
- Information protection strategies.
- Case Study: Cybersecurity improvements after aviation cyber incidents.

Module 6: Intelligence Sharing and Crisis Coordination

- Multi-agency collaboration.
- National intelligence coordination.
- Airport emergency intelligence.
- Crisis communication protocols.
- Information-sharing frameworks.
- Case Study: Multi-agency coordination at Amsterdam Schiphol Airport.

Module 7: Intelligence-Led Airport Risk Management

- Predictive security analytics.
- Risk-based screening strategies.
- Security performance indicators.
- Business continuity planning.
- Compliance monitoring.
- Case Study: Risk-based aviation security practices at Ben Gurion Airport.

Module 8: Future Trends in Airport Security Intelligence

- Artificial intelligence applications.
- Predictive threat intelligence.
- Big data analytics.

- Aviation security innovation.
- Continuous intelligence improvement.
- Case Study: Singapore Changi Airport digital transformation initiatives.

Training Methodology

- Interactive expert-led presentations.
- Practical intelligence analysis workshops.
- Airport security simulations.
- Global aviation case study discussions.
- Group exercises and collaborative learning.
- Threat assessment scenarios.
- Technology demonstrations.
- Risk analysis activities.
- Role-playing emergency response exercises.
- Knowledge assessments and feedback sessions.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.
f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com