Aviation Security Investigations 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

Aviation Security Investigations Training Course is designed to enhance the capabilities of aviation security personnel in conducting effective investigations, managing security incidents, and applying international aviation security standards. The course focuses on advanced aviation security investigation techniques, threat assessment, evidence management, intelligence analysis, incident response, and regulatory compliance aligned with global aviation security frameworks. Participants will develop practical skills required to investigate security breaches, unlawful interference incidents, insider threats, and airport security vulnerabilities.

The course integrates modern aviation security practices, investigative methodologies, risk-based security management, and international case studies from leading airports and aviation organizations. Through scenario-based learning and practical exercises, participants will strengthen their ability to identify security risks, conduct professional investigations, prepare detailed reports, and support continuous improvement of aviation security operations. The program supports ICAO standards, airport security excellence, and global best practices in aviation safety and security management.

Programme Curriculum

Aviation Security Investigations Training Course

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Course Objectives

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

1. Understand advanced aviation security investigation principles and international regulatory requirements.
2. Apply effective investigation techniques for aviation security incidents and threats.
3. Develop skills in evidence collection, preservation, and analysis.
4. Conduct security interviews and gather reliable investigative information.
5. Implement risk-based aviation security investigation approaches.
6. Analyze intelligence data to identify emerging aviation threats.
7. Improve incident reporting and documentation procedures.
8. Apply ICAO Annex 17 security standards and recommended practices.
9. Manage investigations involving insider threats and unlawful interference.
10. Utilize modern security technologies for investigative support.
11. Enhance airport security crisis response and decision-making capabilities.
12. Develop professional investigative leadership and teamwork skills.
13. Strengthen organizational aviation security resilience and compliance.

Organizational Benefits

- Improved aviation security investigation capabilities and operational readiness.
- Enhanced compliance with international aviation security regulations.
- Reduced risks associated with security breaches and vulnerabilities.
- Better incident response and crisis management performance.
- Increased effectiveness in evidence handling and reporting.
- Stronger security intelligence gathering and analysis.
- Improved coordination between airport security stakeholders.
- Enhanced organizational reputation and passenger confidence.
- Development of skilled aviation security investigators.
- Promotion of continuous security improvement culture.

Target Audiences

1. Airport security managers and supervisors.
2. Aviation security officers and investigators.
3. Airline security professionals.
4. Civil aviation authority personnel.

5. Airport operations and safety managers.
6. Law enforcement and security agencies.
7. Aviation risk management professionals.
8. Security intelligence and compliance officers.

Course Duration: 5 days

Course Modules

Module 1: Fundamentals of Aviation Security Investigations

- Overview of aviation security investigation frameworks and global standards.
- Roles and responsibilities of aviation security investigators.
- Investigation planning, objectives, and operational procedures.
- Understanding aviation security threats and vulnerabilities.
- Case study: ICAO aviation security investigation practices worldwide.
- Practical exercise on developing an aviation investigation plan.

Module 2: Aviation Security Threat Assessment and Risk Analysis

- Principles of aviation security risk assessment and threat identification.
- Evaluating airport vulnerabilities and security gaps.
- Applying risk-based security management approaches.
- Intelligence gathering and threat evaluation techniques.
- Case study: Airport security risk assessments at major international hubs.
- Workshop on creating aviation security risk profiles.

Module 3: Investigation Procedures and Evidence Management

- Techniques for collecting and preserving security investigation evidence.
- Documentation standards and investigation records management.
- Chain of custody principles in aviation investigations.
- Digital evidence handling and investigative technology applications.
- Case study: Security breach investigations at global airports.
- Practical simulation on evidence collection procedures.

Module 4: Interviewing Techniques and Investigation Communication

- Professional interviewing methods for aviation security investigations.
- Techniques for obtaining accurate information from witnesses.
- Managing difficult interviews and sensitive investigations.
- Communication strategies for investigation teams.
- Case study: Airline security incident interview processes.

- Role-play exercises for investigator interview skills.

Module 5: Aviation Security Incident Investigation

- Investigating unlawful interference and security incidents.
- Response procedures for suspicious activities and threats.
- Coordinating investigations with airport stakeholders.
- Preparing investigation reports and corrective actions.
- Case study: International airport security incident responses.
- Simulation exercise on aviation security incident management.

Module 6: Insider Threat Investigations and Security Intelligence

- Identifying and investigating insider threat risks.
- Employee security monitoring and behavioral indicators.
- Intelligence analysis for aviation security protection.
- Collaboration between security agencies and aviation operators.
- Case study: Global insider threat prevention programs.
- Development of insider threat investigation strategies.

Module 7: Regulatory Compliance and Continuous Security Improvement

- Understanding ICAO Annex 17 security requirements.
- Auditing aviation security investigation processes.
- Implementing corrective and preventive security measures.
- Improving organizational security performance.
- Case study: International aviation security audit programs.
- Exercise on compliance improvement planning.

Module 8: Advanced Aviation Security Investigation Management

- Leadership principles for aviation security investigation teams.
- Managing complex and high-profile investigations.
- Using technology and data analytics in investigations.
- Developing investigation policies and procedures.
- Case study: Major airport security management systems.
- Final assessment and development of an aviation security investigation action plan.

Training Methodology

- Interactive instructor-led presentations covering aviation security investigation concepts.

- Practical case studies based on international aviation security incidents.
- Scenario-based simulations and investigation exercises.
- Group discussions focusing on real-world security challenges.
- Role-play activities for interviewing and evidence management.
- Workshops for developing investigation reports and security improvement plans.
- Knowledge assessments and practical evaluations.
- Sharing of global aviation security experiences and best practices.

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

Start Date	End Date	Location	Price
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

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