

AVIATION SECURITY

TRAINING CENTER



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AVIATION SECURITY PROGRAMMES

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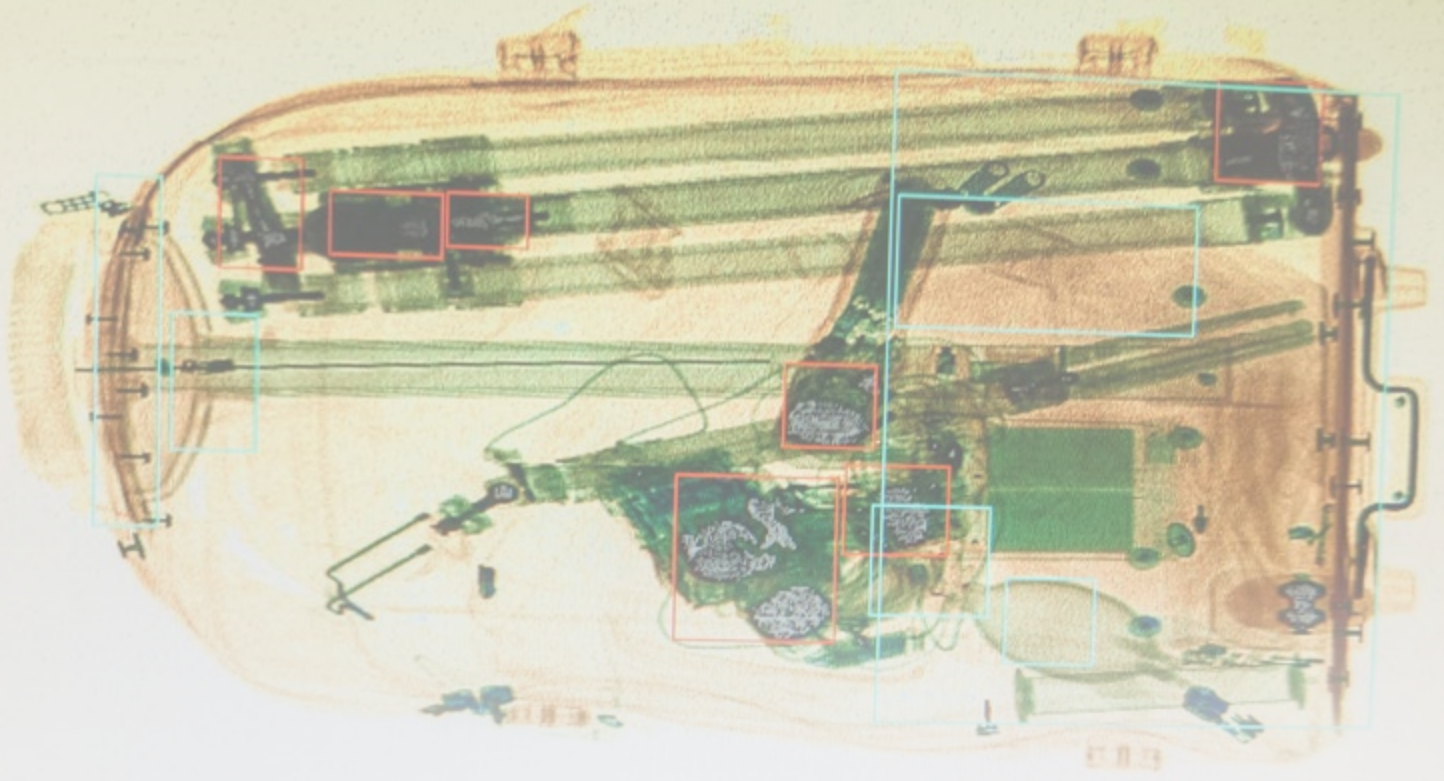




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Saudi Academy of Civil Aviation

It is a leading educational entity in the Kingdom of Saudi Arabia, established in 1962 as a technical training institute in 2007 for a specialized academy offering a set of specialized diploma programs and training courses that suit the needs of the Aviation Sector and contribute to qualification and training of human resources working to support 28 airports in the Kingdom.

The programs and courses offered by the academy include the following **specializations**: Air Traffic Control - Maintenance of Aviation Systems - Fire and Rescue - Airport Operation and Safety - Aviation Security.

Aviation Security Training Center



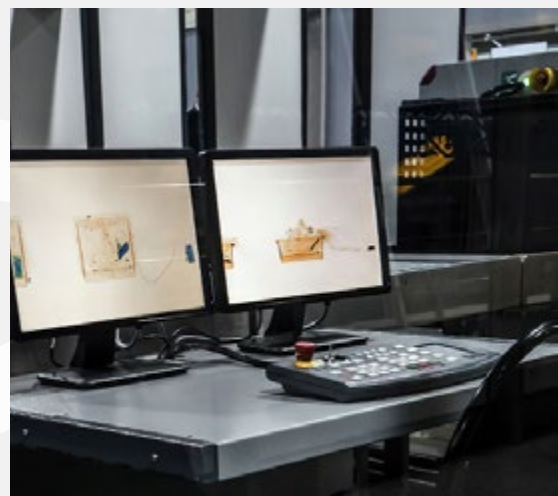
The Aviation Security Training Center aims to train all personnel working in security field at local and international airports, whether they are military or civilian. The center shall train personnel working in the field of air transport in accordance with the national aviation security program.

The Center plays a key role in licensing government agencies and private security companies operating or interfering with the airport and aviation security system.

Equipment and Facilities

Work of the center is based on simulation labs and specialized equipment that supports the training process.

The academy provides security trainees with two X-ray simulated laboratories. Each laboratory contains 9 computers, a physical device for X-ray, walk through metal detector, handheld metal detector, mirror for inspection below vehicles, a security-dedicated camera, and simulated firearms and bombs.



The Specialized Courses

- Basic Aviation Security.
- Air Cargo and Mail Security.
- Crisis Management Workshop.
- Aviation Security National Inspectors.
- Airport Security Supervisors.
- Risk Management Workshop.
- Basic training for Airport Security Personnel.
- Catering Security.
- Aviation Security Awareness.
- Security Management System.
- Basic X-RAY.
- X-RAY Refresher.
- Aviation Security certification system workshop.
- National Civil Aviation Security Quality Control Programme Workshop.

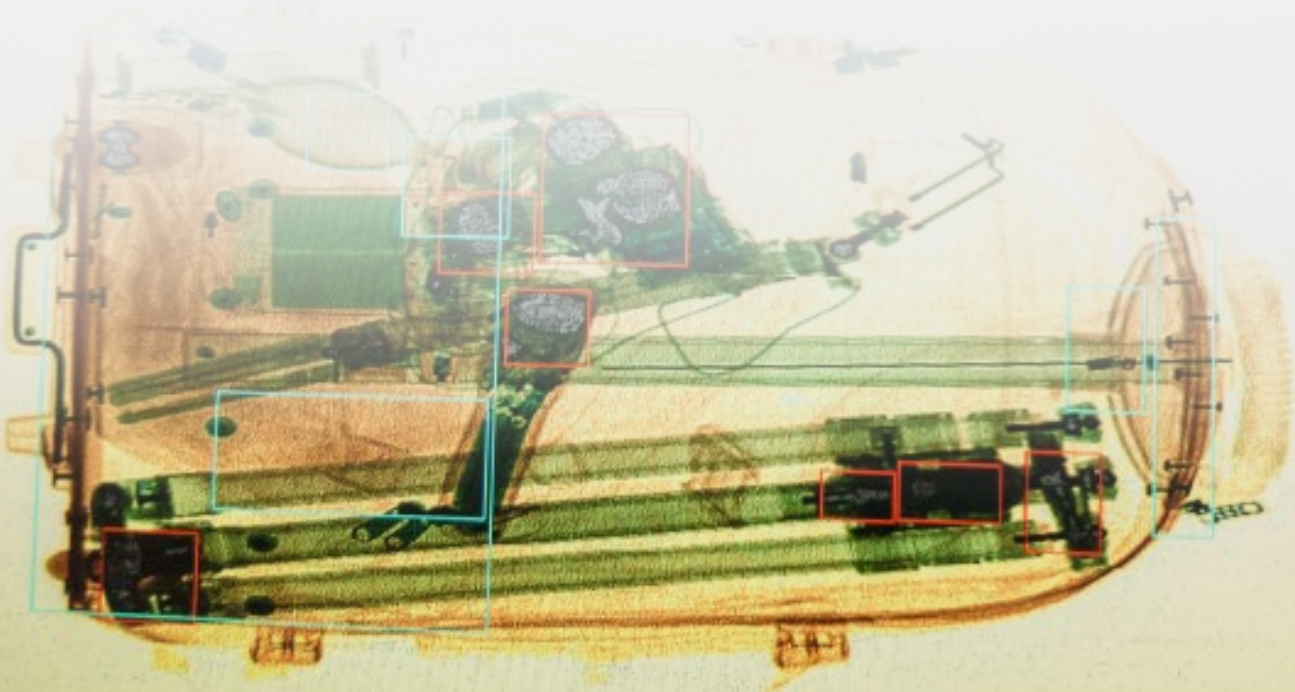
Center Accreditations



Authorized by the International Civil Aviation Authority (ICAO).



Authorized by General Authority of Civil Aviation (GACA).



Basic Aviation Security

What will you learn?

You will be able to monitor and apply airport security measures.

Learning Activities



Group Exercises



Formal Training Classroom

Who should attend?

- Entry-level security personnel and employee who are responsible for the application of aviation security preventive measures at airports and from such other aviation related agencies engaged in support activities.

What is covered?

- International and domestic legislation for aviation security.
- Airport orientation.
- Access control.
- Patrolling and guarding.
- Restricted articles and dangerous substances.
- Searching and screening.
- X-ray introduction.
- Aircraft inspection and protection.



Course Language

- Arabic.



Duration

- 5 days / 30 Hrs.



Assessment and Certification

- Approved by GACA.

Air Cargo and Mail Security

What will you learn?

You will be able to develop, implement and oversight of air cargo and mail security measures with an understanding of Annex 17 cargo related Standards and Recommended Practices (SARPs).

Learning Activities



Airport visit if possible



Formal Training Classroom

Who should attend?

- Aviation Mail.
- Cargo Employee at Airports.
- Cargo companies.

What is covered?

- Concepts of Cargo Security.
- Cargo Security Procedures.
- Management of Cargo Security.
- Methods of Screening Cargo.
- Practical Screening Training.
- Security of Post Office Mail.
- Other Security Controls.



Course Language

- English / Arabic



Duration

- 5 days / 30 Hrs.



Assessment and Certification

- Approved by ICAO and GACA

Crisis Management Workshop

What will you learn?

You will be able to assign, organize, plan, conduct and assess aviation security crisis management exercises.

Learning Activities



Formal Training
Classroom



Airport visit if
possible



Group
exercises

What is covered?

- Introduction to Crisis Management.
- Crisis Management Concept.
- Crisis Management Plan.
- Crisis Management Team.
- Crisis Management Facilities

Who should attend?

- Staff at the mid to senior management level involved to maintain and evaluate effectiveness of the crisis management portion of the response to acts of unlawful interference.



Course Language

- Arabic.



Duration

- 5 Days/30 Hrs.



Assessment and Certification

- Approved by ICAO and GACA.



Prerequisites

- Basic aviation security or Cargo & Mail security.

National Inspectors

What will you learn?

You will be able to understand and know audit and inspections methodologies, techniques, plus document writing.

Learning Activities



Formal Training Classroom



Airport visit if possible



Group exercises

What is covered?

- Introduction to National Inspector Course.
- Definitions.
- Preparation techniques.
- Audit and inspection methodology.
- Audit and Inspection techniques.
- Inspector profile.
- Audit/Inspection Document writing.

Who should attend?

- Managers, supervisors, and personnel involved in the assessment of the implementation of aviation security measures.



Course Language

- Arabic / English.



Duration

- 7 Days/ 42 Hrs.



Assessment and Certification

- Approved by ICAO and GACA.



Prerequisites

- Basic aviation security or Cargo & Mail security.

Airport Security Supervisors

What will you learn?

You will be able to know airport preventive security measures in accordance with the approved airport security programme.

Learning Activities



Formal Training Classroom



Airport visit if possible



Group exercises

What is covered?

- Monitor inspection, screening, searching of passengers and baggage.
- Organizing initial response actions in security emergencies.
- Principles and practices of leadership, motivation, and communication skills.
- Monitor implementation of standard operating procedures.
- Supervising on-the-job training.
- Preparation, recording and submission of incident reports.

Who should attend?

- Prospective The target population will be existing personnel at the basic level with the potential for promotion to the supervisory level, and existing personnel at that level employed by the authority or organization primarily responsible for the application of aviation security preventive measures at airports.



Course Language

- Arabic / English.



Duration

- 5 Days.



Assessment and Certification

- Approved by ICAO and GACA.



Prerequisites

- Basic aviation security or Cargo & Mail security.

Risk Management Workshop

What will you learn?

You will be able to assess risk through the identification and evaluation of threats and apply risk management methodology when determining the appropriate level of security measures to be implemented.

Learning Activities



Formal Training Classroom



Airport visit if possible



Group exercises

What is covered?

- Introduction and overview of civil aviation threats.
- ICAO PROVISIONS.
- Definition of threats and vulnerabilities.
- Definition of risk management and Best practices.
- Risk identification, assessment and mitigation.
- Monitoring and review.
- Handheld Air Defense Weapons.
- Exercise.

Who should attend?

- Staff at the mid and senior management level involved in the evaluating the effectiveness of the security procedures and new risks, consequences in response to acts of unlawful interference.



Course Language

- Arabic / English.



Duration

- 4 Days / 24 Hrs.



Assessment and Certification

- Approved by ICAO and GACA.



Prerequisites

- Basic aviation security or Cargo & Mail security.

Basic training for Airport Security Personnel

What will you learn?

- You will be able to monitor and apply airport security preventive measures in accordance with locally approved programme.

Learning Activities



Formal Training
Classroom



Airport visit if
possible



Group
exercises

What is covered?

- Airport Orientation.
- Access Control People.
- Access Control Vehicle.
- Restricted Articles and Dangerous Substances.
- Emergencies and Fire Prevention.
- Patrolling and Guarding.
- Passenger Screening and Searching.
- X-Ray Introduction.
- Baggage Search.
- Searching and Securing a Sterile Holding.
- Escorting People and Parcels.
- Protection of Parked Aircraft.

Who should attend?

- Entry-level security personnel and employee who are responsible for the application of aviation security preventive measures at airports and from such other aviation related agencies engaged in support activities.



Course Language

- Arabic / English.



Duration

- 10 Days / 60 Hrs.



Assessment and Certification

- Approved by ICAO and GACA.

Catering Security

What will you learn?

- Necessary knowledge and skills required to effectively ensure catering security in accordance with national and international regulation.

Learning Activities



Formal Training Classroom



Airport visit if possible



Group exercises

What is covered?

- Takeover / handover procedures.
- Security screening procedures for individuals.
- Security procedures for catering building.
- Secure procedures for catering delivery.

Who should attend?

- Entry level of catering security employees and all catering staff.



Course Language

- Arabic.



Duration

- 5 Days/30 Hrs.



Assessment and Certification

- Approved by ICAO and GACA.

Aviation Security Awareness

What will you learn?

Security Measures and regulations needed to have knowledge of the work industry. Also provides examples of practices in your workplace to identify and prevent potential security threats.

Learning Activities



Formal Training
Classroom

What is covered?

- Current threats to the aviation industry.
- Aviation security regulations and the international organizations behind them.
- Airport access control for people and vehicles.
- Passenger, baggage, cargo, mail and catering security basics.
- Common airport and in-flight security measures for responding to threats.

Who should attend?

- All airport None security staff employees.



Course Language

- Arabic / English.



Duration

- 1 Day / 6 Hrs.



Assessment and Certification

- Approved by GACA.

Security Management System (SeMS)

What will you learn?

- Security management systems definitions.
- Quality control, quality assurance, human factor from security perspective and crisis management in Sems.

Learning Activities



Formal
Training
Classroom



Airport visit
if possible



Group
exercises



Case-
studies

What is covered?

- Security Management System Definitions.
- Security risk management.
- Human factors.
- Describe and plan a regulatory structure for aviation security and related security management.
- Quality control and Quality assurance.
- Crisis management in the security management system.

Who should attend?

- Security supervisor level and top management.
- Civil aviation authorities' representatives.
- All security staffs.



Course Language

- Arabic.



Duration

- 5 Day / 30 Hrs.



Assessment and Certification

- Approved by GACA.



Prerequisites

- Basic aviation security or Cargo & Mail security.

Basic X-RAY

What will you learn?

You will be able to build a solid infrastructure for x-ray machinery by using a simulator system.

Learning Activities



Formal Training Classroom



Group Exercises



Simulator System

What is covered?

- X-ray screening equipment and methods.
- Inner workings of screening equipment.
- Cargo and mail screening techniques.
- Health and safety using detection technology.
- Identifying weapons and IEDs in an x-ray.
- Screening packed luggage and cargo packages.

Who should attend?

- This course is recommended for entry-level security staff from: Airports, Cargo companies, Security service providers, Law enforcement agencies using screening equipment, and Mail and courier companies.



Course Language

- Arabic.



Duration

- 5 Day / 30 Hrs.



Assessment and Certification

- Approved by GACA.



Prerequisites

- Basic aviation security or Cargo & Mail security.

X-RAY Refresher

What will you learn?

- Refreshing your knowledge about the current and new security threats

Learning Activities



Simulator System



Formal Training Classroom

What is covered?

- New and current threats.
- Identifying weapons and IEDs in an x-ray.
- Screening packed luggage and cargo packages.

Who should attend?

- Whose licenses have expired.



Course Language

- Arabic / English.



Duration

- 1 Day / 6 Hrs.



Assessment and Certification

- Approved by GACA.



Prerequisites

- Basic aviation security or Cargo & Mail security.
- Valid or expired X-ray operator license

Aviation Security certification system workshop

What will you learn?

You will be able to establish the recruitment, selection and training criteria for the personnel that may be certified and improving training procedures.

Learning Activities



Formal Training Classroom



Airport visit if possible



Group exercises

What is covered?

- Introduction.
- Annex 17 Definitions related to Certification System.
- Certification Systems Overview.
- Exercises.

Who should attend?

- Air Traffic Controllers.



Course Language

Arabic / English.



Duration

5 Days/30 Hrs.



Assessment and Certification

Approved by ICAO and GACA.



Prerequisites

Basic aviation security.

National Civil Aviation Security Quality Control Programme Workshop

What will you learn?

You will be able to monitor the implementation of aviation security measures in compliance with State regulations and the national civil aviation security programme (NCASP).

Learning Activities



Formal Training Classroom



Airport visit if possible



Group exercises

What is covered?

- Airport and Aircraft operator security assessment.
- Cargo and mail security assessment.
- Security screening assessment.
- Aircraft caterers and cleaning companies' security assessment.
- Duty-free shops and other retailers/tenant's security assessment.
- Detection, investigation, and enforcement of non-compliance.

Who should attend?

- This course is important to auditors.
- Inspectors.
- Supervisors.
- Administrative staff that conduct quality control activities.

Course Language

- English.



Duration

- 5 Days/30 Hrs.



Assessment and Certification

- Approved by ICAO and GACA.



Prerequisites

- Basic Aviation Security.

Security Culture Workshop

What will you learn?

You This workshop is designed to explain the principles, importance and benefits of effective security culture by using the best practices and efficient tools to ensure sustainability of security culture to develop behavior change through campaigns to maintain effective security culture.

Learning Activities



Formal Training Classroom



Airport visit if possible



Group exercises

What is covered?

- Benefits of an effective security culture
- Implementation of strong and effective security culture
- Understanding of security culture
- Importance of participation in active discussions and group work

Who should attend?

- Auditors / Inspectors
- Supervisors
- Administrative staff that conduct quality control activities



Course Language

- English / Arabic.



Duration

- 5 Days/30 Hrs.



Assessment and Certification

- Approved by ICAO and GACA.

Aviation Security National Instructor Course

What will you learn?

To enable aviation security instructors to perform a competency-based and effective role in the delivery of their national aviation security (AVSEC) training activities, through the application of the relevant competencies and in accordance with Annex 17 and the ICAO Aviation Security Manual (Doc 8973 – Restricted).

Learning Activities



Formal Training Classroom



Airport visit if possible



Group exercises

What is covered?

- Identify the role and responsibility of the aviation security instructor;
- Identify aviation security training requirements and the principles of learning;
- Identify the elements necessary for course organization and preparation;
- Demonstrate knowledge and instructional skills by delivering a pre-prepared presentation;
- Describe the four steps in the evaluation process for assessing trainee's performance
- Deliver individual presentation on aviation security subject matter selected from an ASTP.

Who should attend?

- Auditor /Inspectors.
- Supervisors.
- Administrative staff that conduct security courses activities.



Course Language

- English / Arabic



Duration

- 5 Days/30 Hrs.



Assessment and Certification

- Approved by ICAO and GACA.



Prerequisites

- Basic AVSEC or equivalent
- Crisis Management workshop
- National Inspector course
- Aviation Security Supervisor



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