



## Aviation Security Training

We believe that the quality of a workforce is built upon, and sustained through, continuous training. Our specialist aviation security training development centre (or training academy) is the ideal place to ensure your employees are trained to the highest standards that we would expect from our own employees. We can design and deliver training for you at our own training centre near to Heathrow Airport or at your own premises. We have delivered training all over the world for; airports, airlines, the Department for Transport (DfT) and government agencies.

We work closely with the DfT to ensure our trainers are up to date with regulations and standards, which are then incorporated into our training programmes. Course dates, costs and duration vary. Contact us for specific information on how we can help you at [avsectraining@uk.g4s.com](mailto:avsectraining@uk.g4s.com) or 0208 564 3409.

- **Aviation ground security operative (Level 1)**

The aviation ground security operative course is an introduction for delegates involved in basic aviation security functions, and covers the mandatory areas that all aviation ground security operatives must be trained in before they are able to work within the aviation security industry. Course content includes:

- The threat to aviation
- Objectives and organisation of aviation security
- Security communications
- Response to security incidents
- Legal powers, the role of the Police and incident reporting
- Maintaining effective security
- General security awareness
- Restricted Zone (RZ) access control and security
- Controlling access to aircraft
- Preparing people for security checks
- Recognition of Firearms, Explosives and Incendiary devices (RFX), and dangerous goods
- Using x-ray equipment
- Conventional x-ray
- Advanced Cabin Baggage X-ray (ACBX)
- Explosive Detection Systems (EDS)
- Goods x-ray equipment
- Threat Image Projection (TIP)
- Explosive Trace Detection (ETD) equipment



- Liquids testing equipment
- Walk Through Metal Detectors (WTMDs) and Hand Held Metal Detectors (HHMDs)
- Searching vehicles, people, baggage and items
- Searching and checking aircraft.

Assessment by: Written test

Renewal: Annually (see aviation ground security operative refresher)

Qualification: Aviation ground security operative certificate, accredited by the DfT

Duration: Eight days (for the full course)

- **Aviation ground security operative - refresher**

This aviation ground security operative – refresher course covers the main areas from the aviation ground security operatives course that require updating within 13 months of the initial course and 12 months thereafter. This includes new relevant training materials issued by the DfT and TRANSEC.

Course content includes:

- Threat incident update
- X-ray theory
- Body and baggage searching procedures
- Any topics that may be introduced by the DfT or that the client may request (up to two pre-arranged topics).

Assessment by: Written test

Documentation: Course registration, modular sign off and written assessment paper

Duration: One day

- **Aviation ground security supervisor (Level 2)**

The aviation ground security supervisor course is aimed at candidates involved in aviation security supervisory roles, and is designed to inform delegates of the standards expected of their staff, the best ways to achieve and maintain those standards and the correct procedural requirements to the modules listed below. Course content includes:

- The role of the supervisor
- Responding to a security incident
- Suspect and prohibited articles
- Using technology
- X-ray equipment
- Explosive Trace Detection (ETD) equipment
- Liquids testing equipment



- Walk Through Metal Detectors (WTMDs), Advanced Walk Through Metal Detectors (AWTMDs) and Hand Held Metal Detectors (HHMDs)
- Searching vehicles, people, baggage and items
- Searching aircraft.

Assessment by: Pre-course verbal/written assessment (client to discuss) and final written test

Renewal: Annually (see aviation ground security supervisor refresher)

Qualification: Aviation ground security supervisor certificate, accredited by the DfT

Duration: Three days

- **Aviation ground security supervisor - refresher**

This course covers the main areas from the aviation ground security supervisor course that require updating within 13 months of the initial course and 12 months thereafter. The course can be tailored to include areas of concern, which need to be raised by you (the client) prior to course commencement and also any developments in training and key lessons which may have been learnt from them. This includes new relevant training materials issued by the DfT and TRANSEC. Course content includes:

- Threat incident update
- X-ray theory
- Body and baggage searching procedures
- Any topics that may be introduced by the DfT or that the client may request (up to two pre-arranged topics).

Assessment by: Written test

Documentation: Course registration, modular sheet and written test paper

Duration: One day

- **Aviation security manager course (Level 3)**

The aviation security manager course is designed to provide delegates with background and specific knowledge to enable them to implement the National Aviation Security Programme (NASP) effectively, to fulfil their roles as security managers, and to appreciate the roles of others.

The course is aimed at persons employed by airports, airlines and their agents, in-flight caterers and their agents who have a responsibility for establishing or influencing the way in which their company implements the requirements of the NASP, and for managing security personnel carrying out aviation security. Course content includes:

- The threat to aviation
- International and national objectives of aviation security and directions\*



- Risk management and policy development
- Airport key points
- Access control - airports and aircraft (advanced level)
- Airline operators' perspective
- Lighting, Closed Circuit Television (CCTV), fencing and Intruder Detection Systems (IDS)
- Contingency planning
- Recognition of Firearms, Explosives and Incendiary devices (RFX), and prohibited articles
- Receiving and assessing a threat
- Overview of the cargo regime - security regulations
- Overview of the in-flight catering and stores regime - security regulations
- Searching and checking aircraft
- Technology in aviation security\*
- Achieving compliance
- Principles of screening and searching people, baggage and vehicles
- Recruitment and training
- Designing for security/exercise.

\* to be delivered by TRANSEC

Assessment by: Written test and presentation

Renewal: 36 months (see aviation security manager course - refresher)

Qualification: Aviation security manager certificate, accredited by the DfT

Duration: Five days

- **Aviation security manager course - refresher**

The aviation security manager refresher course is designed to provide delegates with background to, and an update of, current aviation security procedures and requirements to enable them to continue to implement the National Aviation Security Programme (NASP), consider the wider security issues, fulfil their roles as security managers, and to appreciate the roles of others.

The course is aimed at persons employed by airports, airlines and their agents, in-flight caterers and their agents who have a responsibility for establishing or influencing the way in which their company implements the requirements of the NASP, and for managing security personnel carrying out aviation security.

This is a new requirement currently being rolled out by the DfT. The table below explains how the implementation of this training will be phased.

**Period in which initial training was delivered**

**Required completion date for refresher training**



Prior to 31 December 1997

31 December 2010

Between 1 January 1998 and 31 December  
2006

31 December 2011

Between 1 January 2007 and 31 December  
2009

31 December 2012

After 1 January 2010

Within 36 months of initial training

Course content includes:

- The Current threat to aviation, including current incidents
- International and national objectives of aviation security and regulations
- Risk management and policy development, including new material issued by the DfT
- Maintaining effective security and general security awareness
- Access control – airports and aircraft
- The role of technology in aviation security
- Response to incidents
- Recognition of Firearms, Explosives and Incendiary devices (RFX), and prohibited articles
- Receiving and assessing a threat
- Cargo
- In-flight supplies
- Searching vehicles, people, baggage and items
- Searching and checking aircraft
- Achieving compliance
- Leading and motivating staff

Assessment by: Written test and presentation

Qualification: Aviation security manager refresher certificate, accredited by the DfT

Duration: Two days

- **General Security Awareness Training (GSAT)**

The General Security Awareness Training course is a mandatory requirement for anyone needing to be issued with a full pass permitting unescorted access to the Restricted Zone (RZ), excluding persons who are in receipt of directed training (and refresher training as required). Course content includes:

- The threat to aviation
- Aims of the terrorist



- Why civil aviation?
- Objectives and organisations of aviation security
- Restricted Zone (RZ) protection and access control
- Prohibited articles
- The trainee's role in aviation security
- Recognising suspicious items
- What makes you suspicious?
- Actions on discovering prohibited or suspicious articles.

Assessment by: Written test

Qualification: General Security Awareness Training certificate, accredited by the DfT

Duration: Three hours

- **The National X-Ray Competency Test (NXCT)**

TRANSEC has established a National X-Ray Competency Test (NXCT) for screeners using x-ray equipment to screen items for carriage by air, which G4S can administer this on behalf of the DfT. The purpose of the NXCT is to enforce a minimum, uniform standard of competence for security screening by ensuring that all trainees prove that they have the necessary skills to be effective at the x-ray screening task before they work in the operational environment.

Currently the NXCT is available to cabin baggage screeners and cargo screeners. At the moment there is no requirement for anyone employed in the screening of hold baggage to undertake an NXCT. The hold baggage NXCT is currently undergoing trials.

**Cabin baggage NXCT**

Anyone employed in the screening of cabin baggage using x-ray equipment must be in possession of a valid cabin baggage NXCT certificate. The cabin baggage NXCT takes no longer than an hour to complete and will usually be initially taken as part of induction training. If successful, candidates will receive a certificate which is valid for 13 months (in effect the test is an annual requirement).

**Cargo NXCT**

Anyone employed in the screening of cargo using x-ray equipment must be in possession of a valid cabin baggage NXCT certificate. The cargo NXCT takes no longer than an hour to complete and will usually be initially taken as part of induction training. If successful, candidates will receive a certificate which is valid for 13 months (in effect the test is an annual requirement). At present TIP data may not be used as ongoing evidence of competency at this time.

- **Aviation cargo security training (Levels A-G)**

**Level A**



The aviation cargo security training Level A course is mandatory for staff that have access to secure areas but do not have direct involvement with air cargo. Course content includes:

- General awareness
- Organisation of aviation security
- Principles of air cargo security
- Responding to suspicious circumstances
- Reacting to threat warning

Duration: One day

### **Level B**

This aviation cargo security training Level B course is mandatory for drivers with specific responsibility for known cargo.

Course content as Level A plus:

- Drivers of vehicles

Duration: One day

### **Level C**

The aviation cargo security training Level C course is mandatory for staff involved with controlling access to, searching and loading of aircraft.

Course content as Level A plus:

- Access control, cargo protection and patrolling control areas
- Searching, checking and controlling access to aircraft
- Recognition of firearms and explosives

Duration: One day

### **Level D**

The aviation cargo security training Level D course is mandatory for staff involved in the handling or preparation of air cargo.

Course content as Level B+C plus:

- Methods of concealment
- Methods of making cargo known

Duration: Two days

### **Level E**

The aviation cargo security training Level E course is mandatory for staff involved in the screening of unknown cargo (excludes x-ray examination procedures). Please note delegates are also required to pass the Cargo National X-ray Competency Test (NXCT) before they are qualified to operate an x-ray machine.

Course content as Level D plus:



- Using cargo x-ray equipment (available at client's premises only and must be specific to client's own x-ray equipment. Please call to discuss your requirements)
- Physical examination

Duration: Two days – without x-ray practical / three days – with x-ray practical

### **Level F**

The aviation cargo security training Level F course is mandatory for supervisors of staff qualified up to and including Level E, or staff who have day-to-day responsibility for air cargo security procedures. Please note delegates are also required to pass the Cargo National X-ray Competency Test (NXCT) before they are qualified to operate an x-ray machine.

The Course content as Level E plus:

- Security supervisor

Duration: Two days – without x-ray practical / three days – with x-ray practical

### **Level G**

The aviation cargo security training Level G course is mandatory for the 'Appointed Security Manager' as nominated in your security programme. The course will also be required training for 'Site Security Representatives' as defined in the Single Direction on Cargo (SDoC) which came in to effect on 1 September 2009. Please note delegates are also required to pass the Cargo National X-ray Competency Test (NXCT) before they are qualified to operate an x-ray machine. Before a Level G holder can deliver training, they - and the training programme they propose to use - must be approved by TRANSEC.

Course content as Level F plus:

- Security manager

Duration: Three days – without x-ray practical / four days – with x-ray practical

### **For all aviation cargo security training levels:**

Assessment by: Written test

Renewal: Every two years

Qualification: Cargo certificate, accredited by the DfT

Course material: Includes DVD and PowerPoint presentation