



avsec LTD  
GLOBAL

# Avsec Global Ltd

Aviation Security & Safety  
Solutions

**Avsec Global Ltd** is a British company that was initially formed to provide design, consultancy, management and training services to civil aviation security.

Our work with Regulators, Airlines and Airports and aviation entities gives us a thorough overview and understanding of the aviation industry in a diverse range of cultures and environments.

Our specialists are all highly experienced in their field and we insist that they keep up to date with all the latest in regulation, technology and procedures that ensure you get the most resilient, compliant and efficient solutions to your security challenges.



*Avsec Global Ltd is a truly global company. Our operations span many countries including*

Afghanistan, Iraq, Oman, Egypt, Lebanon, Iceland, Georgia, Ukraine, France, Canaries, Djibouti, Ghana, Equatorial Guinea, Gambia, Germany, India, Ireland, Jordan, Liberia, Malaysia, Mauritius, Portugal, Saudi Arabia, Sierra Leone, Spain, Switzerland, Australia, Sudan, Cape Verde, Turkey, Bolivia, Canada, United States of America, Kyrgyzstan, Kazakhstan, Tajikistan, Uzbekistan, Belgium, United Kingdom, DRC, Angola

### **Consultancy and specialist security services**

Whether you are designing an airport, upgrading security, writing a compliant security programme, Avsec Global Ltd can help. We provided the Aviation Security element of the EU funded TRACECA I Project for three years in 9 countries. We have just been awarded the aviation security element of the TRACECA II project. Other examples of our consultancy projects include:

- Security programme design for Airports, Airlines, catering Companies and ground handling companies
- Detailed physical security assessment and technical reports for airports, ATM and navigational facilities
- Provision of business plans for the security operations in preparation for the corporatisation of 8 airports
- Supporting the writing and preparation for 3 national aviation security plans
- Preparing post audit corrective action plans for 4 airports
- Provision of fly away security teams for operational support

We do not provide off the shelf manuals and solutions. We tailor all of our products to the individual needs of the client to produce bespoke solutions that work.

Times change and what was right for yesterday may not be right for today. We believe that innovation in security is a good thing to achieve the outcome that you desire in a cost effective way.





## Safety Solutions

### Safety Management Systems

Safety in aviation is paramount. Safety Management Systems (SMS) are becoming mandatory. Correctly implemented, SMS makes safety checks and decisions part of the everyday operation across the organisation. The introduction design and implementation of a Safety Management Systems is critical in shaping the success of the system. We have experience of introducing SMS into airlines, handling agents and airports. We can work with you to develop the building blocks to a system that works for your organisation and operation.

From advice on individual elements to full implementation project management, Avsec Global can provide the experience and understanding to give you the assistance that require.

### Ramp Safety

We are able to offer ramp orientation safety training and consultancy services tailored for ground handling companies and those who have staff or equipment operating airside.

### Emergency Response Planning

Crisis management and response is something that no organisation wants to have to do. Whilst thankfully rare, all organisations require a plan for when things go wrong in order to respond to incidents and work through to the resumption of normal operations assuring business continuity.

Many organisations maybe involved in the crisis and therefore the plan must be robust but adaptable to allow your organisation to interface with the others. All of our emergency response consultants are highly experienced in the field and all have have operational experience in major incident situations and trained by the UK emergency planning system.



### Safety clients Include:

Birk Fight Services (Handling), Astraeus Airlines, Palm Air\*, Sal Airport\*, Aerosur\*, BATA Airport\*, Iceland express, Falcon Consultancy (Sudan Airports Project) Gatwick Airport Ltd , EU funded Project TRACECA (Safety integration with Security systems)

\* As part of Astraeus Project

# CITY & GUILDS ACCREDITED CENTRE

THIS IS TO CONFIRM THAT

**AVSEC GLOBAL LIMITED**

HAS HAD ITS TRAINING PROGRAMMES ACCREDITED  
BY CITY & GUILDS AS MEETING ITS QUALITY ASSURANCE CRITERIA  
FOR THE PERIOD OF

01 DECEMBER 2011 TO 30 NOVEMBER 2012

CENTRE NUMBER 794748



City & Guilds Group includes City & Guilds, ILM and City & Guilds NPTC

*Michael W D Howell*

Michael W D Howell  
Chairman  
The City and Guilds  
of London Institute

*Christopher Jones*

Christopher Jones  
Director (General)  
The City and Guilds  
of London Institute

**City &  
Guilds**  
Accredited

## Training

Avsec Global Ltd is extremely proud of its training department. We believe that the bedrock of any security system is quality training. Avsec Global Ltd is a City & Guilds accredited training centre which is your assurance of educational quality. Most Avsec Courses carry the City & Guilds accreditation on the certification.

Our courses are built on the needs of the role and are delivered by trainers who are operational in the field that is the subject of training making the training effective and practical.

We were recently selected to write and deliver a national Aviation Security Officers & Managers course and for the EU funded TRACECA projects we have developed a number of specialised courses.

We also provide a course in Management of Training, essential for heads of training departments and regulators that have to approve training. This is supported by a course in modern instructional techniques and training design.

We can and design specific packages to your individual needs

Our training programmes are under constant review to ensure that they are up to date and reflect current legislation and best practice.

All instructors are qualified in their area and copies of certification will be provided to customers on request.

We have listed a sample of our current courses. If you require more information or details then please contact us.

Training courses can be delivered in the United Kingdom or at your location. We provide all training aids.



### **Ground Security Course**

This course is designed for persons engaged on ground based aviation security duties. The course is modular in nature and the length of the course will be determined by the modules required. Full details of the modules are available on request, but include screening, guarding, profiling and customer care. There is also **security supervisors' course available**.

### **Ground Security Instructors Course**

A week long course aimed at experienced security operatives who have been identified to provide training for others. Course includes input on the training of each of the ground modules and a more detailed examination of the philosophy of aviation security to assist in the design and delivery of ground security courses.

### **Aviation Security Inspectors Course \***

This course of eight days duration is designed for persons working for aviation security regulatory organisations. It covers International requirements for Aviation security, Interface between regulators, Airport operators and aircraft operators, Technology in aviation security, Security procedures, Air carrier security programmes, Aviation security management, Security inspection and auditing and standards monitoring Design in security.



### **Aviation Security Managers Course \***

This is designed for those involved in the management of aviation security. The programme covers contingency planning, key point evaluation, motivation of security staff, programme design, security procedure design and testing and general security management. More details are available on request.

### **Security Threat Assessors Course.**

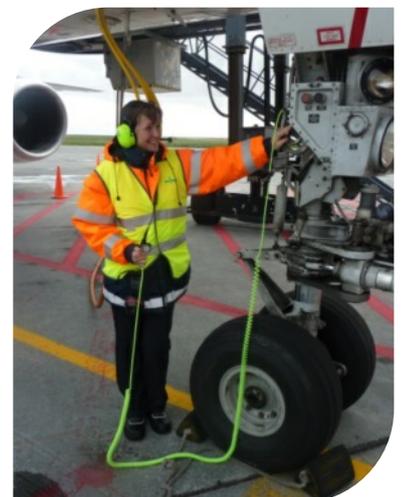
A one day course to teach the process of bomb/security threat assessment training. On successful completion delegates are certified as competent in threat assessment to UK DfT standards. Separate courses are available for aircrew to enable aircraft commanders to assess the threat to the aircraft when no ground assistance is available.

### **Security Risk Management Course**

A course designed for those assessing risk to airline operations in areas of security concern. It covers crew and staff, assets and corporate concerns. It looks how risk assessment and management can affect operating insurance.

### **Aviation Security Programme Design \***

Writing a security programme to ICAO recommendations and ensuring it is practical and effective can be challenging. This course is designed to assist those whose task it is to write National and Air carrier Security programmes in their task using best practice, legal requirement and practical experience of industry members. The course is five days in duration.





### **Air Cargo Security \***

Avsec Global Ltd deliver a number of high quality Air Cargo security courses for regulators, system designers and security managers. This course is tailored to suit client requirements.

### **Security Search Course**

Designed for security staff in locations with limited technology availability. The course consists of theory and practical sessions and includes recognition of firearms and explosives.

### **Defensive Search Techniques Course**

A course designed for the training of staff involved in the defensive search of vehicles, buildings etc. the course is of five days duration and covers search techniques. It also covers explosive effects and structure design for the proper assessment of the search task.

### **Customer Care and Conflict Resolution.**

This course is designed primarily for aircrew and covers communications problems, dealing with disruptive passengers and restraint. It concentrates on non-confrontational solutions based on escalation of force principals and strategies whilst reinforcing good customer relationships. The use of restraints is taught.

### **Aviation Security Aircrew Course**

This is a one day course for aircrew. Subjects covered include General Security Awareness, Hijack Resolution, Prohibited Articles, dealing with suspected explosive devices in flight, Passenger Awareness, Aircraft security and Aircraft search. This course is tailored to meet the requirements of individual country legislation.



### *Some of our clients past and present*

*UK Department for Transport*

*European Union Through TRACECA*

*Icelandic Civil Aviation Authority*

*Oceansky Uk*

*Astraeus Ltd*

*Iceland Express Handling*

*Falcon Consultancy Ltd*

*Redair Group*

*Aero Alliance*

*Air Tanker Ltd*

*UK Ministry of Defence*

*Keflavik Flight Services*

*Ariana Afghan Airlines*

*Easyjet UK &CH*

*Aer Lingus*

*Ryanair*

*Lydd Airport*

*Burundi Airports*

*Air Mauritius*

*DNATA*

*Full list available on request*



### **Aircrew Train the trainer course and course materials**

This is a seven day course held at the airline's premises. It provides in depth knowledge on aviation security procedures, practices and law. Delegates are also taught how to design and deliver security training programmes. On completion of the course a pack containing a PowerPoint presentation produced to the airlines procedures, training films and other teaching materials are provided with a licence for one year (longer licence periods available by agreement), to get the training programme started. The licence includes an update and support service. A recurrent programme can be supplied if required and this is changed on an annual basis.

With these options we will advise if required on record keeping and certification. Course products are available for Dangerous Goods Awareness programmes. Custom written courses can be designed, supplied and licensed on request.



### **Instructional Techniques Course \***

A five day course for those identified to deliver training. The course input covers a variety of theoretical ideas and practical exercises to equip the trainer with the skills to deliver high quality training and to understand the needs of students. Covers presentation skills, use of Power Point, flipcharts, OHP and other training aids.



### **Management of Training Course \***

A course designed for those who have a management function in training in the aviation sector from airlines, airports, service companies and regulators. Covers Staffing and recruitment, equipping a training centre, Training for need, training evaluation, Return on investment and understanding your trainers' needs.

### **Dangerous Goods Awareness**

A course designed to comply with the awareness criteria stipulated in the ICAO Technical instructions

### **Workshops**

In addition to our standard courses we run a number of workshops aimed at assisting the participants in achieving certain security goals. Examples of these included writing of National Aviation Security Programmes, Preparation of Manuals and procedures, Design in Security. The length of the workshops varies depending on the needs of the client and the subject matter.

\* Marked courses have been delivered as part of the EU Project TRACECA



### **Crisis management**

Whilst we all hope that we will never need it, a good crisis plan and management strategy is essential.

Whether that crisis develops from an accident or natural disruption, this course will enable you to construct a plan that will enable your organisation to minimise effect on capacity and capability.

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### **Critical infrastructure and C.A.R.V.E.R. Matrix**

The protection of Critical Infrastructure is paramount to the protection of all states and corporations. Critical infrastructure includes:

- Airports
- Seaports
- Ground transport
- Rail
- Power
- Military Installations
- Fuel infrastructures

The CARVER matrix was developed by the United States special operations forces during the Vietnam War. CARVER is an acronym that stands for Criticality, Accessibility, Recuperability, Vulnerability, Effect and Recognizability and is a system to identify and rank specific targets and critical infrastructure vulnerable points. This risk management based process ensures that resources are correctly targeted to ensure maximum efficiency and that vital processes and installations are protected. During the Vietnam war the US special forces required a system of target acquisition that would rank potential targets according to a scale and the CARVER matrix system was developed to fulfil these needs. Our courses cover the matrix and examines methods for identifying critical infrastructure as well as practical survey techniques and understanding of essential services and their installations.

### *Bespoke Courses*

*Drawing from the experience of our team, we are able to write and provide courses specifically for you because we recognise that you will have specific requirements.*

*Examples of bespoke training provided include:*

*Air Craft protection Officer*

*Writing National Aviation Security Programme*

*Security lighting survey*

*Most courses can be delivered anywhere in the world and through our sister company, MGS, we are able to supply specialist training facilities as these are required.*



Our philosophy is simple, we want to deliver the best solution for the best value. We are proud of our achievements. We will leave you with a complete solution and will continue to support you as you require.

For further information please contact us

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