

**Africa and Middle East Region**

**Aviation Security**

**ICAO – Year of Security Culture**

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# Aviation Security (AVSEC)

- Aviation security is defined as the practice and procedures to prevent and respond to an act of unlawful interference to civil aviation.
- Aviation security (AVSEC) is more than the passengers and planes.
- AVSEC includes a number of processes that work in the back ground to safe guard civil aviation.
- AVSEC is based on the International standards and recommended practices developed by ICAO member states as Annex 17 to the Chicago Convention.
- These standards then are given legal effect by member states in state legislation and through its National Civil Aviation Security Program (NCASP).



International Standards  
and Recommended Practices



This edition supersedes, on 3 August 2017, all previous editions of Annex 17.

For information regarding the applicability of the Standards and Recommended Practices, see Foreword.

INTERNATIONAL CIVIL AVIATION ORGANIZATION



# IATA AVSEC and SeMS

- IATA provides further guidance to its membership in the form of the Security Management System Manual ( Edition, November 2020).
- Aviation Security also forms a component of the IATA Operational Safety Audit (IOSA).
- Security Management System (SeMS) is based on the proven principles of Safety Management System (SMS) and enhances airlines security.
- SeMS strengthens corporate commitment and security culture by way of using systematic, data-driven mechanisms of the security reporting and risk assessment which are based on awareness and training and afterwards embedded into the day-to-day business routine.



# ICAO Global Aviation Security Plan (GASeP) Executive Summary

- Requested during the 39th ICAO Assembly (Sept 2016)
- Developed in March 2017, approved by the AVSEC Panel in May 2017
- Distribution to States approved by the ICAO Council in June 2017 - State Letter sent in July 2017
- Comments received in August and analyzed in September/October 2017
- Collaborative approach (not a Standard, nor imposed on States)



# ICAO Global Aviation Security Plan (GASeP)

## IATA's Role

### **GASeP has 5 key priority outcomes:**

- Enhance risk awareness and response
- Develop security culture and human capability
- Improve technological resources and innovation
- Improve oversight and quality assurance
- Increase cooperation and support

# **Priority 1- Be the first and reliable point of contact for association members and appropriate authorities in terms of industry outreach on aviation security. Threat-led, risk managed.**

## *Objectives*

Support the identification of emerging threats to air transport

lead with risk-based security (RBS) measures

Communicate, educate and share information via the IATA Extranet Security Forum / *Global Security Bulletin* / *Member Airline Security Ticket (issue) Engine (IATA Internal SeMS)*

Multilateral Security Summits 2019, 2020, 2021

Support and enable the (5) Regional Security Focus Groups (RSFGs)

Engage and lead internally on cross-cutting areas such as cargo security, remote piloted aircraft systems (RPAS), NEXTT, human and wild-life trafficking, Facilitation, Baggage, Flight Safety, Airports, and ITS.

# Priority 2- Reduce airline security cost and improve/facilitate understanding of protective security value.

## *Objectives*

Strategies for transfer screening (passenger and hold baggage) (key performance measures)

Airline business case for passenger and staff screening operational differentiation, leverage identity-based initiatives

Solutions for risk information sharing

Develop case study on information sharing for unruly/disruptive

GADM Security

Extraterritorial measures

Participate in EU DG HOME funded Enhancing In-Flight Security (EIFS) for the (7) EU States who implement IFSO operations

Develop cost impact of IFSO operations to members, post 17 years since 9/11



# **Priority 3- Be the lead association in promoting, supporting innovation and development of a forward-thinking culture in aviation security.**

## ***Objectives***

Micro Learning Tools (training)

Blue Skies Thinking Workshop & (security) Strategic Partners

ICAO WGIAS (Innovation)

ECAC TTF (Technical)

EC WG on Aviation Security Technology

AVSEC World 2019/2020

Direct interface with UK FASS, TSA ITF, France Vision Surete, other State's initiatives on check

TSA Aviation Security Advisory Committee (ASAC)



# Priority 4- Lead, support, promote, consult, and advise on international, regional and industry standards, regulations, recommended practices, guidance, and best practices

## *Objectives*

Deliver against industry identified priority actions of the ICAO GAsEP

ICAO AVSEC Panel and General Assembly

Defend, promote, introduce and modify ICAO Annex 17 SARPs through WG

ICAO WGGM (Guidance Material) & ECAC GMTF (Guidance Material)

SeMS Manual 2020 & IATA ADRM

IOSA/ISAGO and other IATA guidance material

Consulting - Security

## **Priority 5 Develop an industry-led Cyber/digital security strategy with the core focus on preventing and defending against intentional acts of electronic interference and/or acts of unlawful interference.**

### ***Objectives***

Support the Aircraft Cyber Security Task Force (ACSTF)

Develop technical relationships with A-ISAC, National CERTs and Hacking community

Support IATA training modules in Cyber Security

# AVSEC Priorities - ENGAGEMENT WITH AIR CARRIERS

- Conduct outreach to air carriers in the region to identify key AVSEC contacts with the carriers.
- Engage with the AVSEC contacts areas to determine AVSEC areas of concern. This may require face to face meetings with air carriers.
- Offer needs assessments to carriers to identify gaps in meeting international standards under Annex 17 and IOSA.
- Conduct outreach with air carriers to use IATA New SeMS Manual and Risk Assessment Methodology (TRAM).
- Form REGIONAL SECURITY FOCUS GROUP (RSFG) of member air carriers in AME.
- These activities could lead to further consultancy and training opportunities for IATA.



# AVSEC Priorities - ENGAGEMENT WITH AIRPORTS

- Conduct outreach to major airports in the region to identify key AVSEC contacts with the carriers.
- Regularly engage with the AVSEC contacts areas to determine AVSEC areas of concern. This may require face to face meetings with airport operators.
- Offer needs analysis assessments to airport operators to identify gaps in meeting international standards under Annex 17. At least one per cluster (4 min), with goal of 6. Identified the following airports prospects for needs assessments:
  - We have allocated funds for four locations.
  - Develop concept for AVIATION SEC-FAL GO TEAM (ASGT)



# AVSEC Priorities - ENGAGEMENT WITH CIVIL AVIATION AUTHORITIES – Africa and the Middle East

- Work with the African and Middle Eastern Civil Aviation Authorities (CAA) by regularly meeting to determine AVSEC areas of concern.
- Explore working with the CAA by providing joint capacity development projects, by either joint sponsoring of capacity development projects or providing SME support to capacity development projects.
- Offer SME support to CAA training.
- Work with the local CAA to examine root causes for additional security measures imposed on carrier in the region, with a view to reducing the burden on the carriers.



# AVSEC Priorities - ENGAGEMENT WITH CIVIL AVIATION AUTHORITIES – Quad States

- Work with the Quad (EU, US, Canada, Australia) states by regularly meeting with the regional liaison officers (UK DfT and US TSA have regional LOs) or International Operations Teams (ECAC, Transport Canada, Australia) to identify areas where there are areas of concern for the region.
- Explore working with Quad states by providing joint capacity development projects, either joint sponsoring of capacity development projects or providing SME support to capacity development projects in the region offered by Quad states.
- Work with Quad states to examine root causes for additional security measures imposed on carrier in the region, with a view to reducing the burden on the carriers.

# AVSEC Priorities - ENGAGEMENT WITH INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO)

- Work with the ICAO by regularly meeting with the regional liaison officers (Cairo Egypt and Dakar, Senegal offices) or respective teams at ICAO HQ to identify areas where there are areas of concern for the region.
- Explore working with ICAO by providing joint capacity development projects, by either joint sponsoring of capacity development projects or providing SME support to capacity development projects in the region offered by ICAO.
- Work with ICAO to examine root causes for additional security measures imposed on air carriers in the region, with a view to reducing the burden on the carriers.
- Participate in ICAO Working Groups if hosted in region or that are of concern to regional members (Risk Working Group), to represent IATA's position on AVSEC issues.
- Attend any meetings, workshops, etc. sponsored by ICAO in the region. Planned attendance at:
  - ICAO MID-RSG/1 and Landside Security Workshop
  - ICAO Regional Aviation Security and Facilitation Implementation Team (RAFIT)
  - ICAO AVSEC Risk Management Workshop
  - ICAO AVSEC Symposium
- For Cyber Security, work with Core for developments from ICAO and attend Cybersecurity & Resilience Symposium in October (TBC).



# AVSEC Priorities - ENGAGEMENT WITH AVIATION GROUPS

- Work with regional aviation groups (Arab Air Carriers' Organization - AACO and African Airlines Association – AFRA) by regularly meeting to determine AVSEC areas of concern.
- Attend any AVSEC meetings, workshops, etc. to represent IATA's position on AVSEC issues.
- Work with Airports Council International (ACI) concerning shared concerns, such as Smart Security, etc.
- Explore working with the groups by providing joint capacity development projects, by either joint sponsoring of capacity development projects or providing SME support to capacity development projects.

# Support from the Region

- Identify key contacts within your area of responsibility;
- Identify AVSEC issues or concerns related to your area;
- Communication to the stakeholders in region that we are able to support AVSEC activities;
- Identification of possible opportunities for AVSEC training or consulting;
- Identification of possible opportunities for engagement in AVSEC.



Thank you

