



SAFE SKIES.
SUSTAINABLE FUTURE.

Twelfth North American, Central American and Caribbean Directors of Civil Aviation Meeting (NACC/DCA/12)

P/10 Agenda Item 3

ONE ICAO- Aviation Security Assistance and Training updates

Presented by the Secretariat

Outline

- ISD-SEC Programme
- ICAO ASTC Global Network
- ICAO-certified AVSEC Instructors – by Region
- ICAO AVSEC Training Materials
- ICAO AVSEC Training Achievements
- AVSEC Technical Assistance Summary 2023
- AVSEC Assistance Achievements 2023
- Security Culture: Tools and Resources

ISD-SEC Programme 3/4

AVSEC Assistance and Capacity Building Strategy

The ICAO Aviation Security Assistance and Capacity Building Strategy was updated in **2020**, with emphasis on:

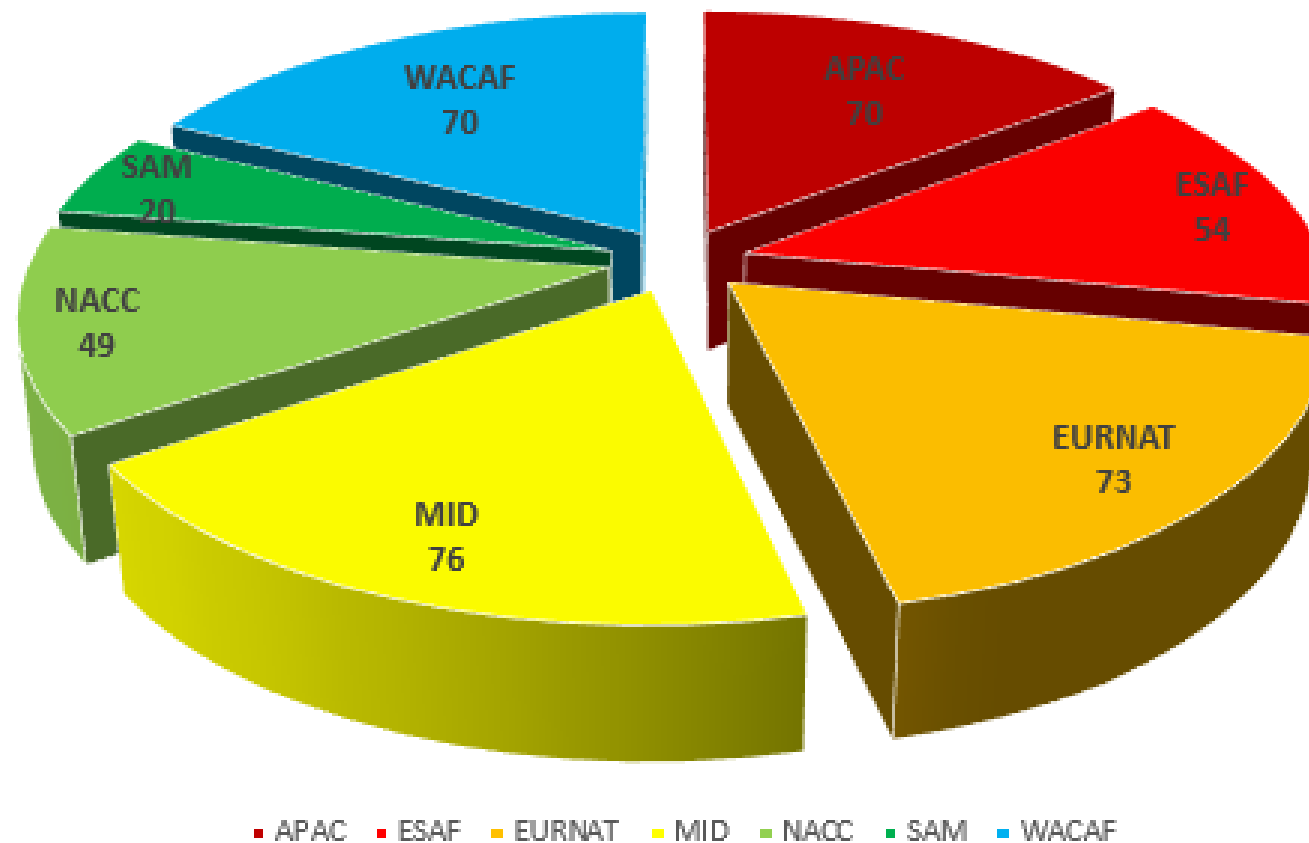
- Supporting compliance with ICAO AVSEC SARPs;
- Addressing priority deficiencies in State aviation security and oversight regimes and promoting long-term sustainability;
- Ensuring that States enhance their capacity to address evolving threats and new security requirements;
- Managing cooperation and collaboration with key stakeholders; and
- Supporting ICAO's global aviation security commitments.

ICAO ASTC Global Network



ICAO-certified AVSEC Instructors – by Region

Total: 412 Instructors from 110 Member States (as of 31 May 2024)



Global
Female: 113 (27.43%)
Male: 299 (72.57%)

ICAO AVSEC Training Materials

7 AVSEC Training Package (ASTP) Courses:

- Air Cargo and Mail Security *
- Airport Security Supervisors *
- AVSEC Managers *
- AVSEC National Inspectors
- AVSEC National Instructors
- Basic Aviation Security
- Behaviour Detection Course *
(new addition in 2023)

***Also available in virtual format**

[ICAO Aviation Security Training Packages \(ASTPs\)](#)



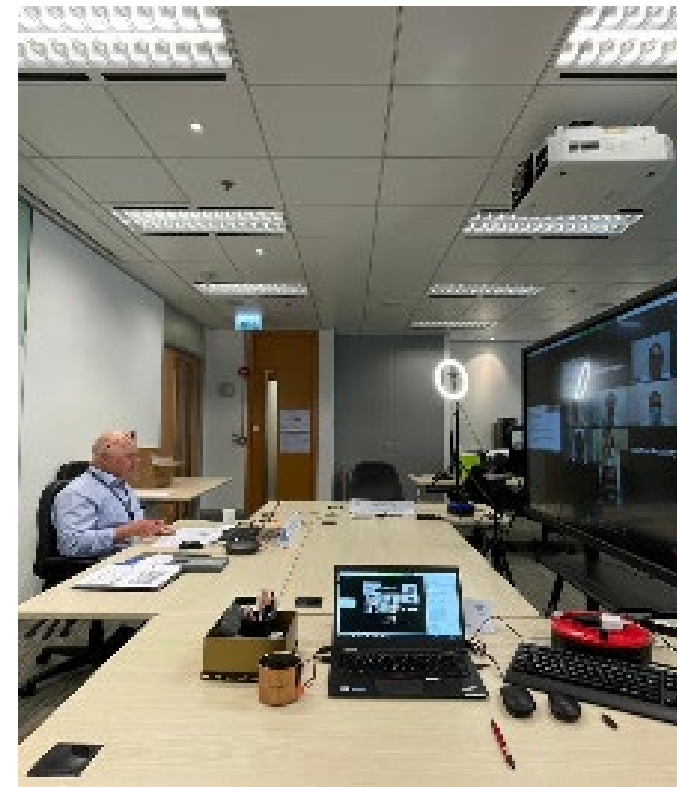
AVSEC Supervisors Course, given by ASTC
Seoul in May 2021

ICAO AVSEC Training Materials

9 Workshops:

- Airport Security Programme *
- Crisis Management *
- Insider Risk
- National Aviation Security Certification System
- NCASP
- NCASTP
- NCASQCP *
- Risk Management *
- Security Culture *

*Also available in virtual format



Security Culture Workshop piloted by
ASTC Hong Kong in June 2021

ICAO AVSEC Training Materials – New

Insider Risk

ICAO Insider Risk Workshop (5 working days):

- Principles of risk management applied to insider threat scenarios
- Security countermeasures to mitigate the insider risk
- Practical exercises
- **ICAO Pamphlet: Managing Insider Risks**

ICAO Insider Threat Toolkit (released in Aug 2022):

- Insider threat mitigation measures and tools
- Supports a wider understanding of security culture and its evolution

[ICAO Insider Threat Toolkit](#)

Edition 01 August 2022



GENERAL This toolkit, created by the Aviation Security Panel's Working Group on Training, is designed to assist organizations operating in the aviation environment to better react to the ever-evolving insider threat. As noted in the ICAO *Aviation Security Global Risk Context Statement* (Doc 10108 - Restricted), terrorists consistently look to exploit vulnerabilities in security controls and commit acts of unlawful interference (AUI) against aviation, which could be facilitated through the exploitation of insiders.

Who are insiders? Insiders are full or part-time employees (including contractors, temporary and self-employed personnel) who are working in or for the aviation sector whose role provides them with privileged access and/or knowledge to secured locations, items or sensitive security information.

What is the insider threat? The insider threat refers to the risk arising from aviation employees conducting or facilitating an AUI through use of their authorized access, thereby giving them a tactical advantage.

What is the rationale of an insider? Insiders may conduct or facilitate an AUI through a lack of awareness, complacency or maliciousness. Lack of awareness of policies and procedures and complacency (lax approach to policies and procedures) can cause insiders to unintentionally facilitate an AUI through their negligence, inaction or failure to follow security policies and procedures.

On the other hand, malicious insiders – those who make a conscious decision to conduct an AUI – may be driven by a mix of personal vulnerabilities, life events and situational factors, such as financial gain, ideology, revenge, desire for recognition, or coercion.

ICAO INSIDER THREAT TOOLKIT



ICAO AVSEC Training Materials – New AVSEC Behaviour Detection Course

- Five-day course
- Effective behaviour detection techniques
- Methods to enhance overall protection against acts of unlawful interference
- Translation scheduled in 2024

ICAO AVSEC Training Materials – New Online AVSEC Inspector Recurrent Training

- 8-hour self-paced online course designed to provide AVSEC national auditors/inspectors with the essential competencies required to maintain a robust national aviation security quality control oversight system
- Aims to standardize work practices, enhance quality control skills, and utilize updated information for effective duty performance

[Online Aviation Security Inspector Recurrent Training](#)



ICAO AVSEC Training Materials – Partnerships

Two Partnership Programmes:

- ACI-ICAO Management of Airport Security *
- AVSEC Professional Management Course (AVSEC PMC) in collaboration with Concordia University *

* Also available in virtual format

[AVSEC PMC](#)

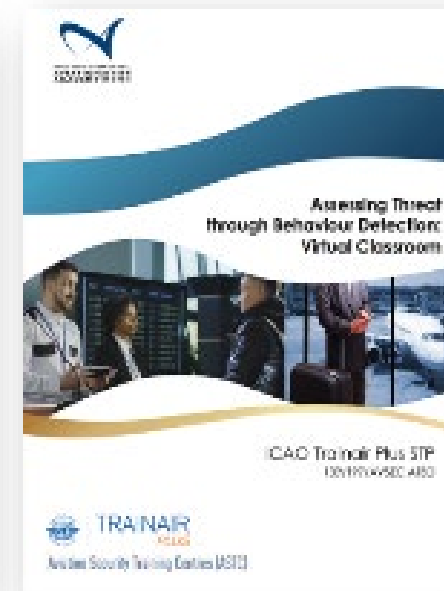


Classroom and virtual courses

ICAO AVSEC Training Materials – Partnerships

ICAO partners with Bucks UK and HKIAA:

- MSc in Aviation Security (with Buckinghamshire New University)
- Assessing Threat through Behaviour Detection (with Hong Kong International Aviation Academy)



Virtual courses Classroom and Virtual courses

ICAO AVSEC Training Materials – Partnerships

ICAO partners with UK Civil Aviation Authority International (UK CAAi)

- Introduction to Security Culture

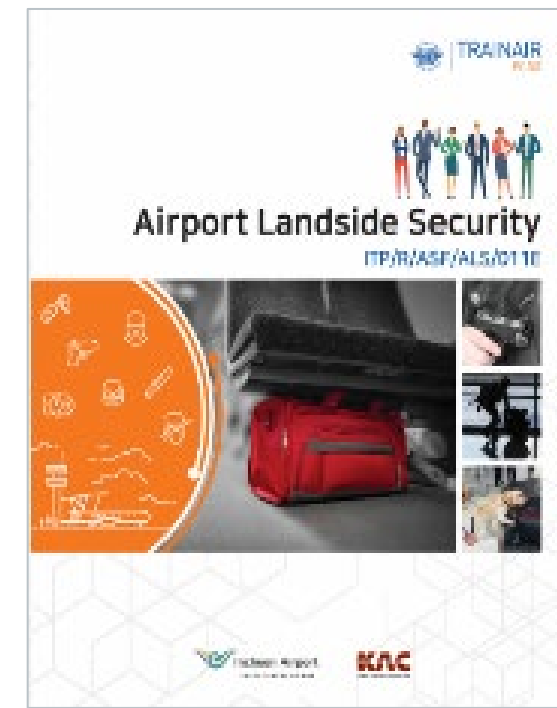
ICAO partners with Incheon Airport Aviation Academy (IAAA)

- Airport Landside Security

[Training Catalogue](#)



Virtual course



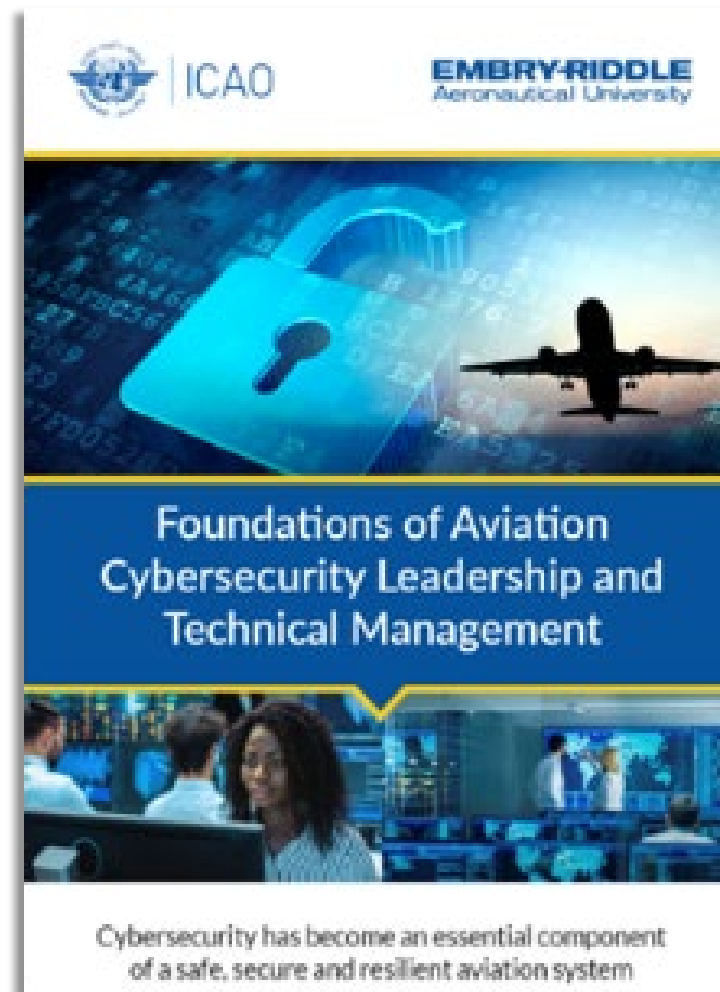
Classroom

ICAO AVSEC Training Materials – Partnerships

ICAO partners with Embry-Riddle Aeronautical University

- Foundations of Aviation Cybersecurity Leadership and Technical Management

[Training Catalogue](#)



Classroom and virtual course

ICAO AVSEC Training Achievements

- **39** ICAO-sponsored AVSEC global training activities were conducted globally in 2023 via ASTCs, benefitting **597** AVSEC specialists from **93** Member States
- **316** ASTC-sponsored AVSEC training activities were conducted globally in 2022 at the initiative of the ASTCs, benefitting **4,656** AVSEC specialists
- Support for AVSECP WG on Training – Technical Products (e.g. Security Culture)
- AVSEC Professional Management Course (4 AVSEC-PMCs conducted – 72 participants from 25 States)

AVSEC Technical Assistance Summary 2023

- 13 States actively involved in Aviation Security Improvement Plans (ASIPs)
- ASIPs follow USAP-CMA Audit Results and CAPs
- Requested assistance and partnership activities based on the prioritized needs of States and funded by the ICAO AVSEC/FAL Fund
- APAC Combined Action Team - AVSEC (CAT-AVSEC)
- ICAO Implementation Package (iPack-AVSEC) – 5 deployments

AVSEC Assistance Achievements 2023

- In 2023, **80** ICAO HQ-supported AVSEC assistance activities, benefitting **1016** AVSEC specialists from **93** Member States
- Air Cargo and Mail Security Course (virtual) and Risk Management Workshop (virtual) through partnership with UNODC/WCO Container Control Programme (CCP): **4** activities benefited **45** participants from **5** States
- Cooperation with UNOCT on the Programme on Threat Assessment Models for Aviation Security (TAM Programme): **2** beneficiary States
- HQ support for:
 - Cooperative Aviation Security Programmes in the Asia and Pacific and Middle East Regions (CASP-AP, CASP-MID)
 - Comprehensive Regional Implementation Plan for Aviation Security and Facilitation in Africa (AFI SECFAL Plan)
 - Regional Aviation Security and Facilitation Groups

ICAO Security Culture Training

- Importance of training and continuous learning
 - Why is a strong security culture necessary
 - What can staff do to ensure it is implemented
- ICAO Security Culture Workshop
- ICAO/ UK CAAi Introduction to Security Culture course
- Various training material from States and Industry is also available on the ICAO Security Culture website

[Security Culture](#)



ICAO Security Culture E-Learning

- “Fundamentals of Security Culture” interactive e-learning
- Objectives: improve staff security performance; understand benefits of positive security culture; build and maintain a secure airport environment
- Suitable for all staff in aviation
- Modules for non-security staff, security staff, and senior managers
- Available for free from ICAO Security Culture website

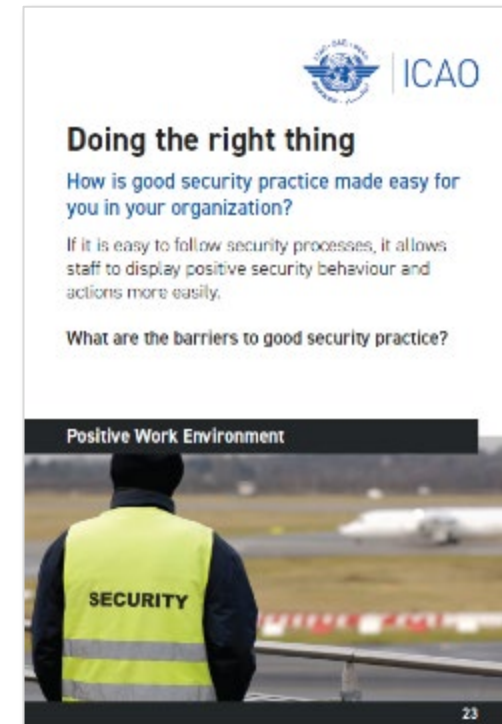
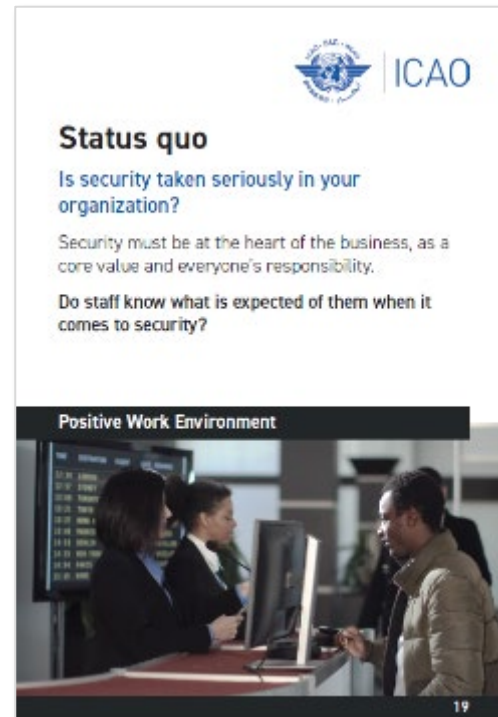
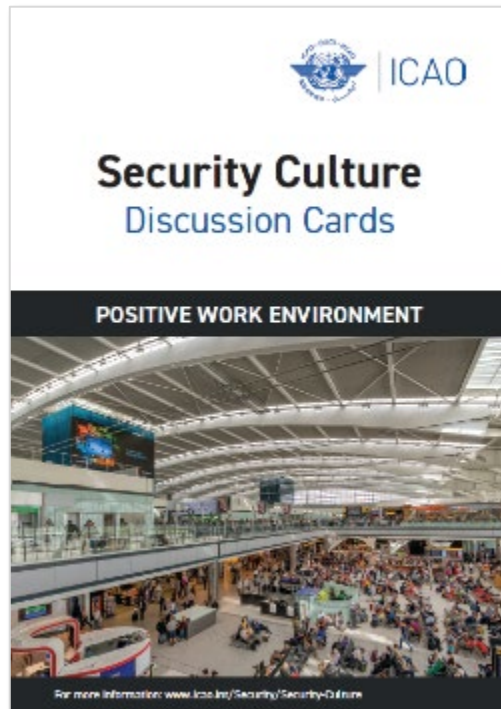
[E-learning Training Package](#)



ICAO Security Culture Discussion Cards



Over ICAO 60 cards to facilitate security culture conversations



ICAO Security Culture Customizable Resources

ICAO

SECURITY CULTURE

Security Interview: Getting the culture right every day

1. How would you describe the security culture in your organization?
2. When compared to other business objectives, do you think security is a priority?
3. What do you understand to be your role in security?
4. How can senior managers demonstrate good security practice?
5. If you observe suspicious behaviour or something which causes concern, how would you report it to your organization?
6. If you observe suspicious behaviour or something which causes concern, what would make it easier for you to report it?

Security is everyone's responsibility

Interview Templates

Security is everyone's responsibility

YOU

Have a role to play in maintaining a positive security culture that helps keep you, your colleagues, and your passengers safe and secure.

Why are we asking you to follow our security procedures?

- Our procedures are designed to keep all of us safe and secure.
- Aviation is an attractive and high profile target for those who mean us harm.
- The threats against aviation are real and we could be targeted at any time.
- Your awareness and vigilance help us counter and deter threats which can come in many forms.
- Your support helps us to prevent security breaches that might enable an attack.

For more information, please contact:

Double-sided flyer

ICAO Security Culture Customizable Resources

Over 25 ICAO customizable materials to promote security culture



PowerPoint Briefing Pack



Wallet Cards

12 ICAO Security Culture Posters For Staff Areas

Security Culture ICAO

Eyes and ears could be monitoring you

Protect Sensitive Information

- Ensure security topics are not publicly discussed
- Remind staff of people reading e-mails about security and only share information with those who need to know
- Follow procedures for storing, transmitting and disposing of sensitive information

For more information, visit
www.icao.int/Security/Security-Culture

Security Culture ICAO

Responding to security incidents

Know your role

Security is everyone's responsibility

Knowing the role you play when responding to security incidents helps keep everyone safe and secure. Always follow security rules.

For more information, visit
www.icao.int/Security/Security-Culture

Security Culture ICAO

Is something not quite right?

See it. Hear it. Report it.

Reporting unusual or suspicious activity helps keep us all safe and secure. When reporting, remember:

- What is it?
- Why is it suspicious?
- When did it occur?
- Where did it happen?
- Who witnessed it?

For more information, visit
www.icao.int/Security/Security-Culture

Security Culture ICAO

Help keep everyone safe & secure

Let us know how security can be improved

- Are security policies and procedures clear?
- Do you have access to the security equipment and resources you need?
- How can your role further support good security?

For more information, visit
www.icao.int/Security/Security-Culture

Security Culture ICAO

You know what's normal

Trust your instincts

Security is everyone's responsibility

Report unusual or suspicious activity immediately. Help keep everyone safe and secure.

For more information, visit
www.icao.int/Security/Security-Culture



Thank You!