



## Fifth Meeting of the Directors General of Civil Aviation- Middle East Region

الإجتماع الخامس للمدراء العاميين للطيران المدني في منطقة الشرق الأوسط

DGCA-MID/5

Kuwait 4-6 Nov 2019



الطيران المدني  
Civil Aviation  
دولة الكويت - State of Kuwait

# Developments in the ICAO AVSEC Programmes



**Boubacar Djibo**

Director, Air Transport Bureau

ICAO



ICAO



اىكاو

Doc 10118

Global Aviation Security Plan

First Edition, 2017



Approved by and published under the authority of the Secretary General

INTERNATIONAL CIVIL AVIATION ORGANIZATION

Doc 10118

الخطة العالمية لأمن الطيران

الطبعة الأولى – ٢٠١٧



اعتمدها الأمانة العامة ونشرت بموجب مملتها

منظمة الطيران المدني الدولي



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Doc 10108 — Restricted

Aviation Security  
Global Risk Context Statement

First Edition, 2018



Approved by and published under the authority of the Secretary General.

INTERNATIONAL CIVIL AVIATION ORGANIZATION

Doc 10108 — Restricted

بيان الإيكاو بشأن  
سياق المخاطر العالمية في مجال أمن الطيران

الطبعة الأولى - ٢٠١٨



اعتدتها الأمانة العامة ونشرت بموجب سلطتها

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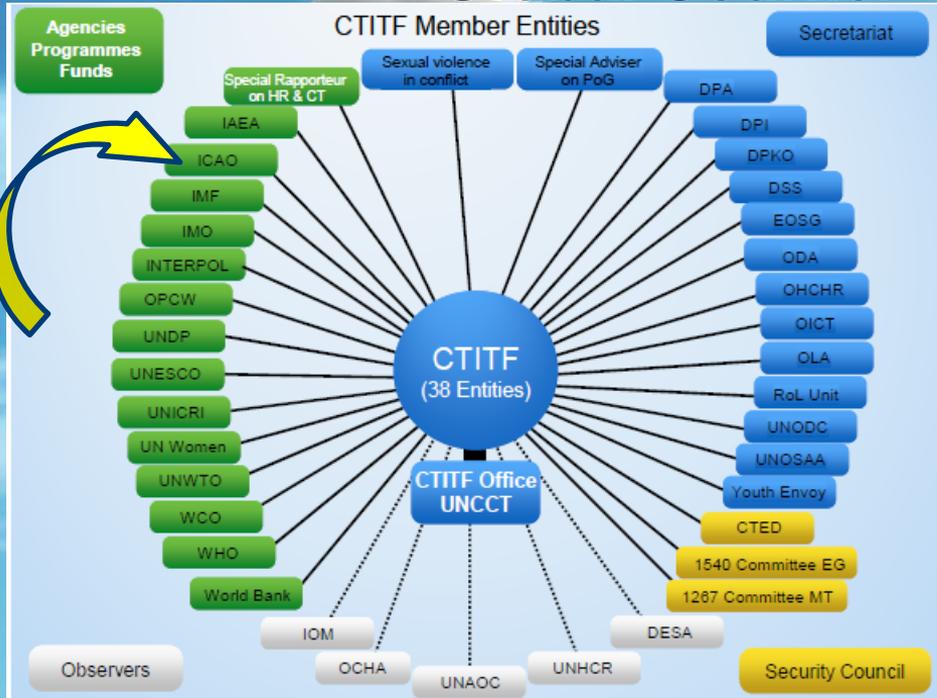
الإيكاو ٢٠١٩  
٧٥ عاماً  
من التأسيس لواء المصم



C.	Summary of Risk Assessments for all Threat Scenarios.....	C-1
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# ICAO and the United Nations Global Counter-Terrorism Strategy



- Counter-Terrorism Implementation Task Force (CTITF) established by the UN Secretary-General in 2005.
- Mandate: strengthen coordination and coherence of counter-terrorism efforts of the UN system to avoid duplication of efforts, and improve accountability.
- CTITF consists of 38 international entities including CTED and ICAO, each of them contributing to the multilateral counter-terrorism efforts consistently with its own mandate.



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# Aviation Security Policy



## Main Outcomes from A40

- Endorsement of the **ICAO Cybersecurity strategy** for the air transport sector
- Endorsement of ICAO's expeditious delivery of the **Global Aviation Security Plan (GASeP)**
- Support for the progress made in the implementation of the Comprehensive Regional Implementation Plan for Aviation Security and Facilitation in Africa (AFI SECFAL)
- Endorsement of continued addressing by ICAO of the **recommendations** that emerged from the **Second High-level Conference on Aviation Security convened in 2018**



## Strategic AVSEC priorities (2020-2022)

- Continued attention to be placed on:
  - implementing HLCAS/2 recommendations fully
  - undertaking work focused on the tenets of UNSCR 2309
  
- Revise GAsEP as necessary based on triennial revision schedule
  
- Implement three Resolutions adopted at 40th Assembly:
  - Resolution A40-10 on *Addressing Cybersecurity in Civil Aviation*
  - Resolution A40-11 on the *Consolidated statement on continuing ICAO policies related to aviation security*
  - Resolution A40-12 on *Affirming Global Commitment to Strengthening Implementation (Declaration on Aviation Security)*



## Key outcomes of AVSECP/30

- Current threats and risks to civil aviation:
  - Risk posed by PBIEDs, the insider threat, RPAS and threats posed by chemical agents
  - Reporting of acts of unlawful interference (AUI) to ICAO
- Produced draft Amendment 17 to Annex 17
- Endorsed new/updated guidance:
  - 11th Edition of Aviation Security Manual (Doc 8973)
  - Second edition of the Global Aviation Security Risk Context Statement (Doc 10108)
- Review of the USAP-CMA methodology



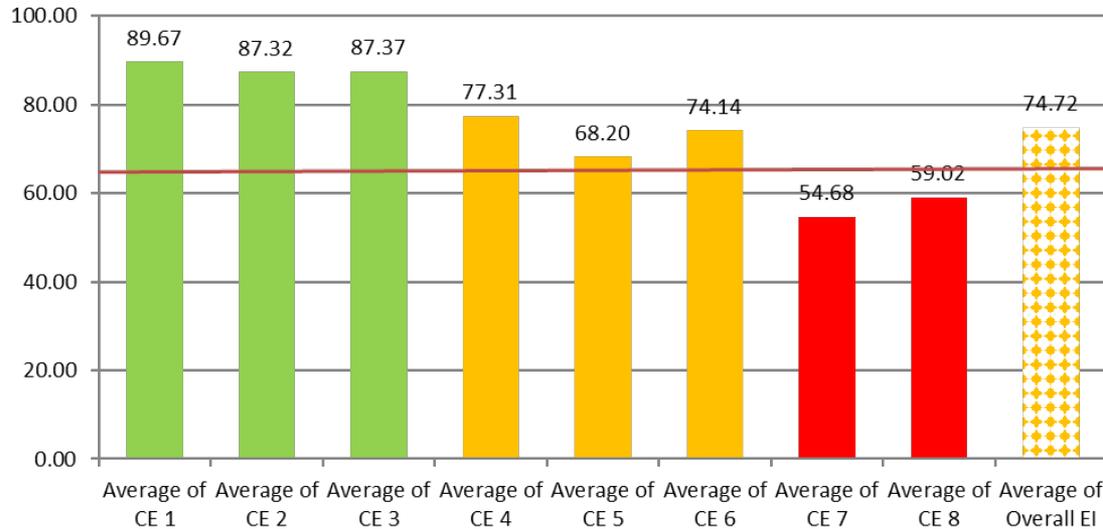
## Global Aviation Security Plan (GASeP)

- GASeP approved by ICAO Council in November 2017
- MID Regional Roadmap updated and approved in 2018
- Regional results indicate 10 of 13 USAP-audited MID States (77%) are above 65%
  - Global aspirational target is **80%** for 2020
  - Shortfalls noted in CE7, Quality Control, and CE8, resolution of security concerns – next slide shows overall results
  - Target for 2023 is much more aggressive: 90% of States above 80%
- ICAO Secretariat has established a secure portal group to assist with understanding and fulfilling GASeP actions and tasks; Regional Officers have access to information
- Triennial revision cycle approved by 40th Session of the ICAO Assembly; 2020-2022 version will reflect updates to Roadmap but no changes to targets or Priority Outcomes



## Security Audit Critical Elements

### Critical Element Averages - MID Region



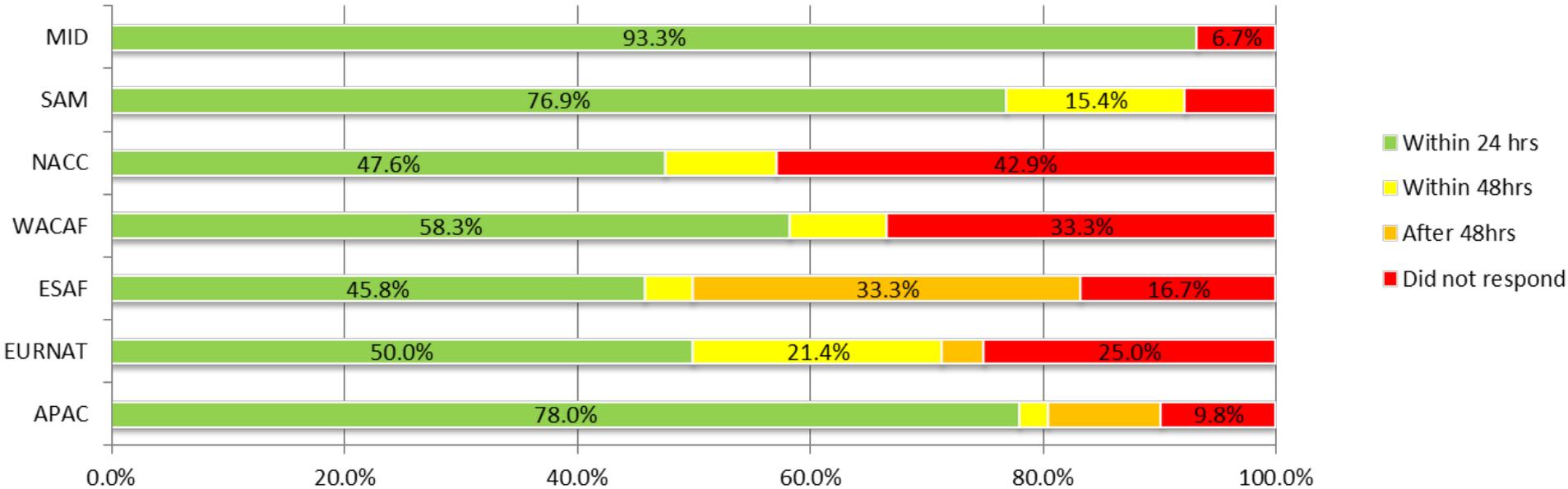
- CE 1: Primary Aviation Security Legislation
- CE 2: Aviation Security Programmes and Regulations
- CE 3: State Appropriate Authority for Aviation Security and Its Responsibilities
- CE 4: Personnel Qualifications and Training
- CE 5: Provision of Technical Guidance, Tools and Security-Critical Information
- CE 6: Certification and Approval Obligations
- CE 7: *Quality Control Obligations*
- CE 8: *Resolution of Security Concerns*

USAP Audit Results for MID Region as at 30 September 2019



## Point of Contact Network (AVSECNET)

### PoC Regional Tests 2019 - Summary of Results





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# Cybersecurity



## ICAO's work on cybersecurity

- Assembly Resolution A39-19 instructed ICAO to develop a comprehensive cybersecurity work plan and governance structure;
- Secretariat Study Group on Cybersecurity (SSGC) developed the Cybersecurity Strategy endorsed by the ICAO 40th Assembly;
- The SSGC is currently working on the implementation plan of the Cybersecurity Strategy.



## ICAO's work on cybersecurity: Next Steps

- States and Industry to implement the Cybersecurity Strategy;
- States to adopt and implement the Beijing 2010 Convention and Protocol;
- ICAO to analyse and develop a future structure for the cybersecurity work programme that will ensure issues are addressed in a cross-functional manner across all Bureaus of ICAO;
- SSGC to finalize the Cybersecurity Implementation Plan;
- ICAO to launch the Cybersecurity Repository and Point of Contact network.



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# Cooperation with Other UN Agencies



## Cooperation with Other UN Agencies

### ➤ Implementation of UNSCR

- 1373 (2001), 1624 (2005), 2178 (2014), 2309 (2016), 2341 (2017), 2395 (2017), 2396 (2017) and 2482 (2019).

### ➤ UN Global Counter-Terrorism Strategy

- Coordination Compact signed 2018
- Participation in Global Compact WG

### ➤ Inter-agency bilateral agreements

- Signed with CTED, UNOCT, UNODC



## Cooperation with Other UN Agencies

### ➤ Inter-agency activities

- Participation in CTED State visits to evaluate implementation of UNSCRs
- Joint CT capacity building activities
- UN Countering Terrorist Travel Programme (OCT, CTED, ICAO, OICT, ODC, Interpol)
- Participation in the development of compendia of good practices on Protection of Critical Infrastructure Against Terrorist Attacks and Responsible Use of Biometrics in Counter-Terrorism
- Participation in the joint OCT, CTED and Interpol regional workshops on protection of critical infrastructure against terrorist attacks (Singapore, Tunisia and Montreal)



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# Implementation Support and Development - Security

ICAO Aviation Security Assistance and Training



## Implementation Support and Development - Security

- Supporting Member States in their endeavours to implement Annex 17 – *Security*, Standards and Recommended Practices (SARPs)
  - Global Aviation Security Plan (GASeP)
  - Aviation Security Assistance
  - Aviation Security Training
  - ICAO Toolkit enhancing Aviation Security Culture



## Global Aviation Security Plan (GASeP)

➤ Help ICAO, States and stakeholders **enhance the effectiveness of global aviation security.**

- Unite the international aviation security community, taking into account evolving threats and risks
- Assist States to fulfil the commitments set out in UNSCR 2309 (2016) and relevant ICAO Assembly Resolutions



## GASeP Overarching Principles

- No Country Left Behind
- Effective implementation and compliance
- Sustainability
- Cooperation and information sharing
- Security culture and human capacity development
- Innovation
- Identifying, understanding and managing risk



## Training-related Priority Outcomes of GASeP

### 1. Enhance Risk Awareness and Response

- ICAO Risk Management Workshop
- Insider Threat and Risk Workshop
- Effectiveness of ICAO Aviation Security Training Centre (ASTC) Network

### 2. Development of Security Culture and Human Capacity

- ICAO AVSEC Training policy (approved in Mar 2018)
- Security Culture Workshop
- Professionalization of the AVSEC Workforce Framework
- Revision of ICAO Training packages



## No Country Left Behind Objectives

- More effective support to ALL willing States that need assistance to develop and improve the aviation system by implementing ICAO policies and provisions in all Strategic Objectives
  - For SARPs implementation
  - To raise States to 60% EI in safety/security or for States with low EIs
  - For States which have local challenges where ICAO can help
- Convince those States that are unwilling
- Assist those States which are willing but unable to progress alone
- Collaborate and pool resources with partners and donors



## ICAO Aviation Security Assistance

- Assist States to comply with Annex 17 – *Security*
- Following an ICAO USAP audit, a State's specific request, or a priority evaluation
- State's commitment to improve their AVSEC capabilities
- Use of ICAO Aviation Security Improvement Plan (ASIP)
- Enhance aviation security oversight system and sustainability
- Collaborate with Regional Officers and experts in Regions

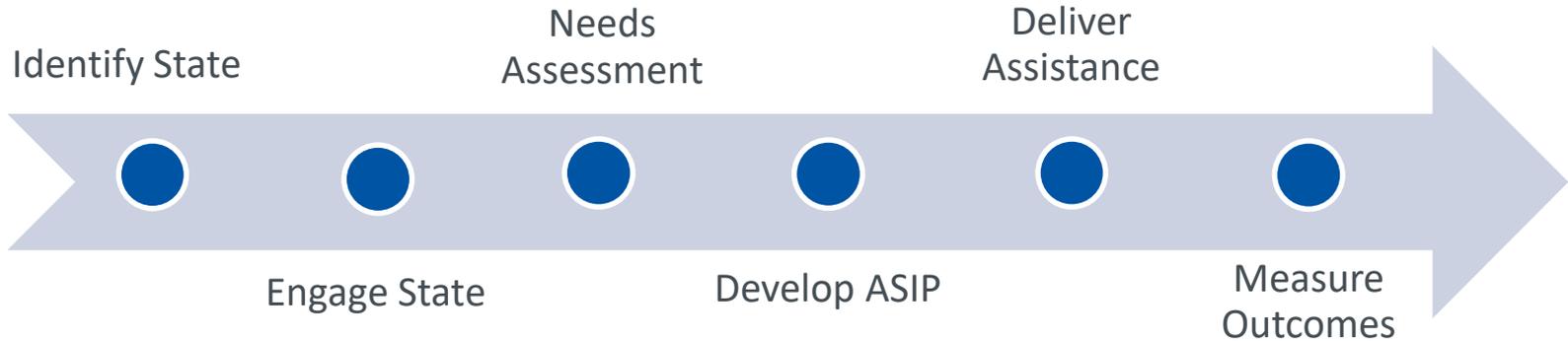


## Aviation Security Improvement Plan (ASIP)

- Short to mid-term multi-phased framework for State capacity building
- Based upon a needs assessment and tailored assistance requirements
- Following a USAP audit or at a State's specific request
- Commitment of the State to improve their AVSEC capabilities
- Developed collaboratively with the appropriate State authority responsible for aviation security, and with stakeholders
- Structured package of activities with monitoring of results



## ASIP Process Map





## Needs Assessment

- What is the State's AVSEC motivation?
- What gaps and challenges need to be overcome?
- Why do these challenges exist?
- How can the challenges be addressed?
- Is assistance needed? If so, how can ICAO help?





## Assistance Methods and Tools

### ↗ Assistance:

- Aviation Security Improvement Plans (14 ASIPs worldwide in 2019)
- Ad-hoc assistance (Cost-recovery)
- 6 Aviation Security Training Packages and 7 Workshops
- ICAO/Concordia Aviation Security Professional Management Course (PMC)
- Aviation Security Training Centre (ASTC) Network: 35 ASTCs
- ICAO Certified Instructor Cadre  
(300 Instructors from 93 Member States as of 23 Aug 2019)
- Collaboration with Regional Offices, Regional Groups, Regional Plans
- ICAO Annexes, Guidance Materials (EB 2019/37 – Sep 2019), etc.
  - \*Amendment 17 of Annex17 (envisaged to become applicable in July 2020)
- Fostering partnerships and coordination of assistance activities



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## Aviation Security Training

- ICAO AVSEC Training Packages and Workshops
- ICAO Certified AVSEC Instructors
- ICAO Aviation Security Training Centre Network (ASTCs)





## ICAO AVSEC Training Packages and Workshops

### ➤ 6 Courses

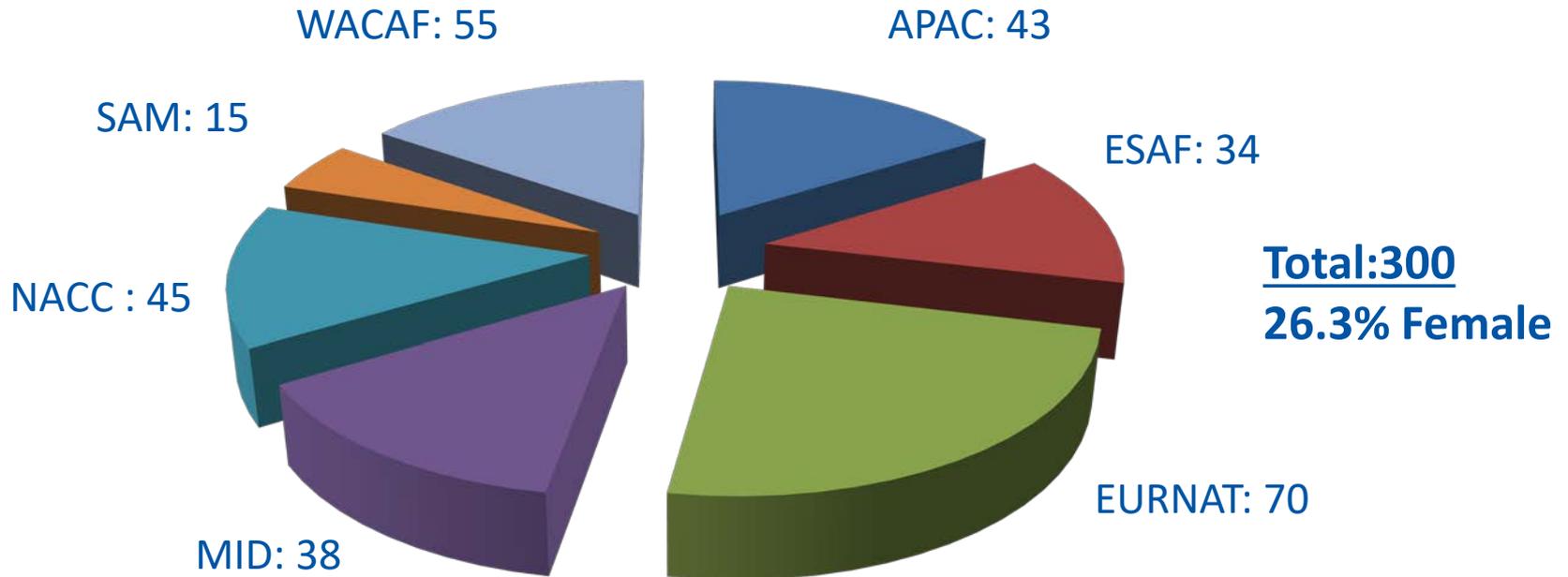
- Air Cargo and Mail Security
- Basic
- Airport Security Supervisors
- AVSEC National Inspectors
- AVSEC Instructors
- Management

### ➤ 7 Workshops

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



## ICAO Certified AVSEC Instructors – by Region





## ICAO Aviation Security Training Centre Network

### NACC & SAM

Buenos Aires  
Mexico City  
Port of Spain  
Quito  
Santo Domingo  
Washington D.C.

### EURNAT

Almaty  
Brussels  
Casablanca  
Doncaster  
Dublin  
Kyiv (2)  
Minsk  
Moscow  
Toulouse  
Tunis

### ESAF & WACAF

Dakar  
Douala  
Johannesburg  
Lagos  
Nairobi

### MID

Amman  
Beirut  
Cairo  
Dubai  
Jeddah  
Manama

### APAC

Auckland  
Hong Kong  
Kuala Lumpur  
Kunming  
New Delhi  
Seoul  
Singapore



## ICAO AVSEC Training: Highlight Achievements

- In 2018, there were a total of **42** ICAO-sponsored courses and workshops (arranged directly by ICAO HQ) conducted through the ASTC Network, with **646** aviation security specialists from a total of **107** Member States having benefitted from training.
- As of 30 Sep 2019, there were a total of **23** ICAO-sponsored courses and workshops conducted in 2019 through the ASTC Network, with **343** aviation security specialists from a total of **76** Member States having benefitted from training.
- Additionally, many more courses and workshops are conducted on a weekly basis by ICAO Regional Offices and other ICAO Programmes (e.g. CASPs) in coordination with ICAO HQ.



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## Risk Management Workshop



ASTC Buenos Aires (CIPE), Argentina, 26-29 August 2019



## ICAO Toolkit on Enhancing Security Culture

- Approved in 2018
- Positive security culture
- Continuous learning activities
- Senior leadership
- Continuous security awareness campaigns
- Confidentiality of reporting individuals





## Regional Initiatives and Partnership Support

### ➤ Major Initiatives including:

- Cooperative Aviation Security Programmes (CASP-AP, CASP-MID)
- Comprehensive Regional Implementation Plan for Aviation Security and Facilitation in Africa (AFI SECFAL Plan)
- Global Affairs Canada (GAC)
- United Nations Office on Drugs and Crime (UNODC)
- World Custom Organization (WCO)

### ➤ Partnership Support including:

- ICAO/Singapore Aviation Academy (SAA) DGCAs Programme on AVSEC
- ACI-ICAO Management of Airport Security Course
- ACI Airport Excellence in Security Program (APEX in Security)
- ICAO/Concordia Aviation Security Professional Management Course (PMC)



## Upcoming events 2019

### Risk Management Workshop

- Nov: at Johannesburg (En)
- Dec: at Toulouse (Fr), Doncaster (En)

### ICAO Certification Session for AVSEC Instructors

- Dec: at Hong Kong (En)

### More courses: ASTC Schedule

<https://www.icao.int/Security/isd/Training/Lists/ASTC%20Schedule/AllItems.aspx>

[ASTC Schedule - AllItems](#)

### ASTPs for sale:

<https://www.icao.int/Security/isd/Training/packages/Pages/default.aspx>

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



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### Action by the meeting:

- To note the initiatives and activities undertaken by ICAO to support States in implementing Annex 17 – Security;
- To provide information to ICAO to support the task of mapping capacity-building resources, providers and activities; and
- To support ICAO in the development and delivery of aviation security training and assistance in line with the Global Aviation Security Training Policy endorsed by the 30th AVSEC Panel and the GASeP.



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# Q & A / Contact us

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**Thank You, Merci, Gracias**  
**Спасибо, Spasiba**  
**شكرا, Shukran**  
**谢谢, Sie Sie**