



# The United Arab Emirates (UAE) Role in the Implementation of the Second Edition of ICAO Global Aviation Security Plan (GASeP)

MID Regional Seminar  
Cairo, Egypt, 15 – 19 June 2025



## Introduction

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## Table of content

01

What is GAsEP?

02

New Areas in the 2<sup>nd</sup>  
Edition of GAsEP

03

The UAE Contribution and  
Commitment to GAsEP

04

The GAsEP Promotion and  
Awareness Day – Dubai

05

Global Priority 5

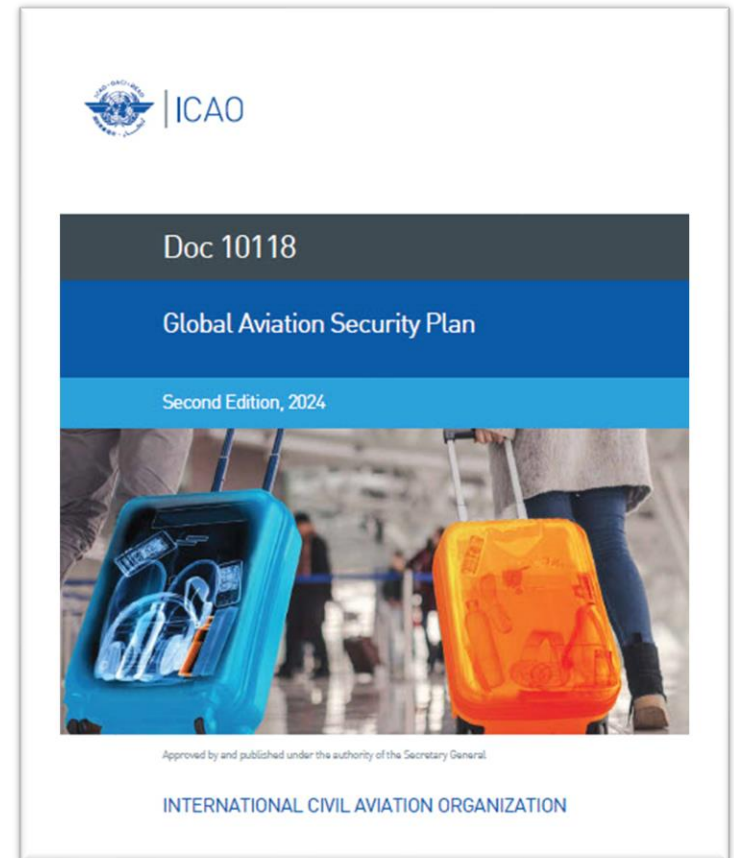
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UAE WP #34 - Advancing  
Aviation Security With the  
Use of AI

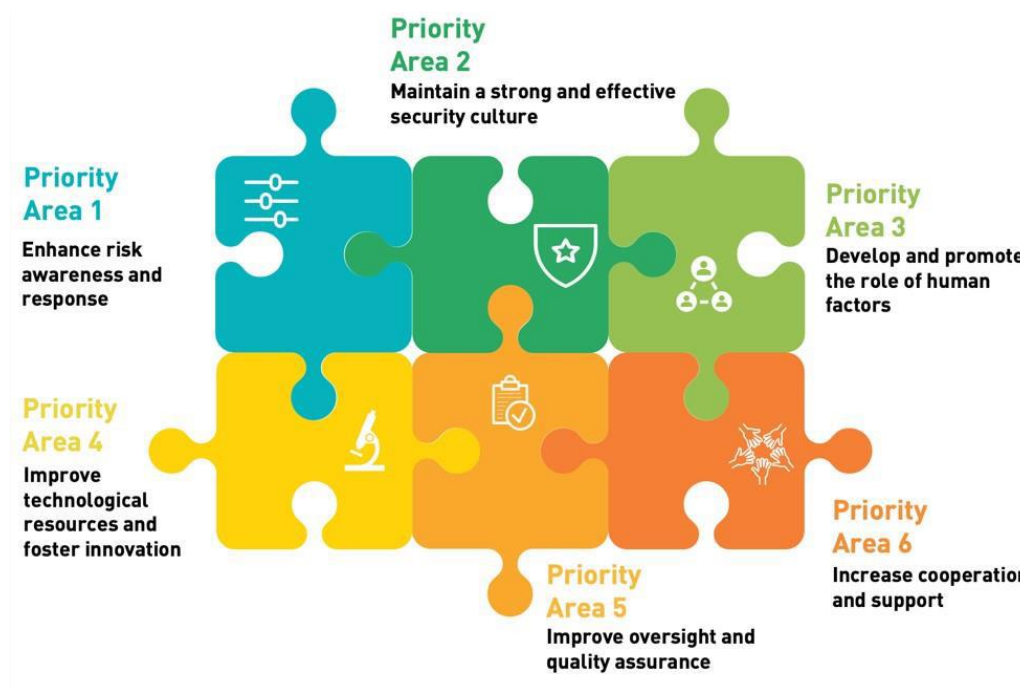


## What is GAsEP?

The ICAO Global Aviation Security Plan (GAsEP) Second Edition is a strategic document for States, industry and ICAO. It outlines six Global Priority Areas which aims to strengthening the aviation security worldwide.



# The Six Global Priority Areas in the 2<sup>nd</sup> Edition of GAsEP



- Risk awareness and response, security culture, human factors, innovation, oversight and quality assurance, cooperation.



# The UAE Engagement in Advancing the GAsEP





# The ICAO Global Aviation Security Plan (GASeP) Promotion and Awareness Day – Dubai, 7<sup>th</sup> of November 2024

**ICAO 50 YEARS 1944-2024 AVIATION SECURITY**

الهيئة العامة للطيران المدني  
GENERAL CIVIL AVIATION AUTHORITY

## GASeP UAE 2024

### Invitation to Attend Launching of the 2<sup>nd</sup> Edition of ICAO Global Aviation Security Plan (GASeP)

We are excited to unveil some of the high-ranking officials and industry leaders who will be speaking at the ICAO Global Aviation Security Plan (GASeP) Promotion and Awareness Day on **7<sup>th</sup> November 2024, from 15:00 - 18:00**, in the Meydan Hotel, Dubai. The theme of this event, first of this kind globally is "Advancing the GASeP with renewed ambition".

The GASeP Promotion and Awareness Day 2024 is a unique and dynamic forum where senior officials and industry leaders will share their experiences, best practices and exchanging ideas on advancing GASeP among ICAO Member States, national, regional, international stakeholders and the industry, with the aim to bring progressive improvements.

The most prominent Aviation Security professionals from all over the world/across the globe will be present at this event, including the ICAO Aviation Security Panel, ICAO Secretariat, Members States, Airport Council International, International Air Transport Association and other important aviation security stakeholder.

We encourage you to participate and ensure that you don't miss out on being a part of this event.

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## GASeP UAE 2024

### MEET OUR SPEAKERS

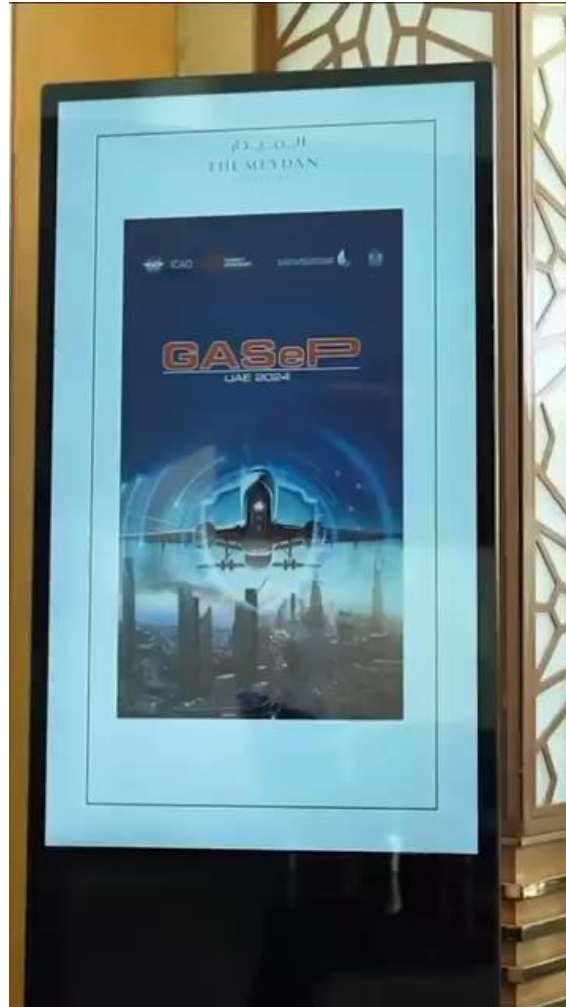
#### ICAO AVIATION SECURITY PANEL OFFICERS

- Mr. Hassan Al Muhaidi**  
Chairperson  
Assistant Director General, Aviation Security Affairs, General Civil Aviation Authority, UAE
- Ms. Soraya Hefli**  
Secretary  
Chief, Aviation Security Policy Section, ICAO
- Mr. Ricardo Ferrazides**  
Vice-Chairperson  
Aviation Security Section Officer and Inspector Civil Aviation Security Inspector, Aviação Segurança do Tráfego Civil (ANAC), Portugal

#### ICAO AVIATION SECURITY PANEL MEMBERS, ADVISOR AND OBSERVERS

- Mr. Nabil Fares de Sousa**  
Member  
Manager, Agência Nacional de Aviação Civil (ANAC), Brazil
- Mr. Abdullah Al-Rasheed**  
Member  
Director, Civil Aviation Security and Foundation, Aviation Security and Foundation, Emirates Civil Aviation Regulatory Commission (ECAFC), UAE
- Mr. Peter Atkinson**  
Member  
Head, In-flight Training, Civil Aviation Authority, Nigeria
- Mr. Juan Gonzalez**  
Chief, Aviation Security Audit (ASAP) Section for the International Civil Aviation Organization (ICAO)
- Mr. Bernard Lim**  
Member  
Chief Director, International Maritime and Security, Ministry of Transport, Singapore
- Mr. Oliver Himmelfarb**  
Member  
Head of Strategy, Innovation and Research Policy Department for Transport, United Kingdom
- Mr. Eric Yalov**  
Member  
Executive Director, International Air Transport Association, Transportation Security Administration, United States
- Ms. Wafa Al Othaidi**  
Observer  
Senior Director - Oversight & Inspection, Aviation Security Affairs, General Civil Aviation Authority, UAE
- Mr. Matthew Vaughan**  
Observer  
Director - Aviation Security & QIP, IATA
- Mr. Billy Shelton**  
Observer  
Senior Director - Security, Innovation & QIP, IATA

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# The ICAO Global Aviation Security Plan (GASeP) Promotion and Awareness Day – Dubai, 7<sup>th</sup> of November 2024





1. **Opening** by Mr. Hamad Al-Muhairi, Chairperson ICAO AVSEC Panel

2. **States Presentations**

3. **III – Round table discussion**



4. Group Photo



5. Celebration of GAsEP Day



## Global Priority 5 Improve oversight and quality assurance

The **GCAA** has established and maintained effective quality control processes and activities in order to fully and effectively ensure the implementation of:

- ICAO Annex 17 ;
- Annex 9 – Facilitation;
- The National Civil Aviation Security Quality Control Programme (NCASQCP) ;
- Quality control platform ;
- Oversight risk-based methodology.





# UAE Working Paper #34 - ICAO AVSECP #36 (Apr,2025) Advancing Aviation Security With the Use of Artificial Intelligence

- The WP was proposed by UAE and co-sponsored by the Members States.
- UAE Proposal to ICAO AVSECP :
  1. Explore how AI may transform AVSEC workforce, in order to enhance efficiency and effectiveness of AVSEC measures, contribute to harmonization, simplify tasks, improve stakeholders experience and support new developments.
  2. Formation of a Task Force specialized in AI matters.

ICAO - OACI - ICAO  
International Civil Aviation Organization  
AVSECP/36-WP/34  
17/3/25  
English only

**WORKING PAPER**

AVIATION SECURITY PANEL (AVSECP)  
THIRTY-SIXTH MEETING  
Hybrid meeting, 7 to 11 April 2025

Agenda Item 2: Work programme of the Panel

**ADVANCING AVIATION SECURITY WITH THE USE OF ARTIFICIAL INTELLIGENCE**

(Presented by the Member nominated by the United Arab Emirates and co-sponsored by the Members from Brazil, France, Germany, Italy, Jordan, Nigeria, Portugal, Qatar, Singapore, Spain, Switzerland and the Observer from the International Air Transport Association (IATA))

**SUMMARY**

This Working Paper explores how Artificial Intelligence (AI) may transform Aviation Security (AVSEC) along with its workforce, with objectives to enhance efficiency and effectiveness of AVSEC measures, contribute to harmonization, simplify tasks, improve customer experience and support new developments in line with the predicted growth of civil aviation. It proposes that the ICAO AVSECP undertakes a holistic study of the impact of AI on Aviation Security and play a leading role by recommending clear direction, objectives, strategies, roadmaps, among others proposals, to the Aviation Security community on the use and implementation of AI in AVSEC.

Action by the Aviation Security Panel is in paragraph 3.

<b>Link to GAsEP Global Priority</b>	Global Priority 1: Enhance risk awareness and response Global Priority 2: Maintain a strong and effective security culture Global Priority 3: Develop and promote the role of human factors Global Priority 4: Improve technological resources and foster innovation Global Priority 5: Improve oversight and quality assurance Global Priority 6: Increase cooperation and support
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1. INTRODUCTION

1.1 Artificial Intelligence (AI) is viewed as a collection of technologies that allow machines to learn, reason, understand, perceive, interact and even sometimes create and invent new things. AI generally involves the development of algorithms that can be used to solve problems that have traditionally been dealt with by humans. AI leverages data received (inputs) to train learning algorithms, which allow a machine to make 'intelligent' decisions and, in certain cases, take action.

1.2 As AI technologies continue to evolve, they present opportunities to enhance efficiency, decision-making, and service delivery, while also introducing challenges related to risks, ethics, policy, and



# AI Projects in UAE Airports

## 1. AI for Automated Security Screening

A technology that reduces the need for manual checks while ensuring that all security standards are met, through processing baggage and personal items more quickly while identifying potential threats with greater accuracy.

## 2. AI for Predictive Passenger Flow

To predict passenger flow and optimize staffing accordingly, through using AI to analyse historical travel data, real-time conditions, and flight schedules to forecast peak times, allowing for proactive management of queues, resulting in smoother passenger experiences.

## 3. AI-Powered Passenger Risk Assessment Systems

'Travel Without Borders', using AI facial recognition of passengers -while they are on the move- to confirm their biometric data, identify them and officially register their arrival or departure at the passport control area.





## Conclusion

The UAE remain committed in aviation security by actively implementing and promoting the GAsEP. This is by sharing the best experience and practices.

The UAE also appreciate the efforts of ICAO AVSEC Panel in particular the Task Force on the Global Aviation Security Plan (TF-GAsEP) in all editions developments.



## Q&A

- “Engage with us – your insights matter.”





**Thank you for your attention!**