



## **Summary Outcomes of 5<sup>th</sup> Safety Summit**

### **“Collaboration Approach to Managing and Enhancing Aviation Safety in MID Region”**



Over 100 participants attended

### States

(Egypt, Iran, Jordan, Kuwait, Oman,  
Saudi Arabia, UAE, and USA)

### International Organizations/Industries

(ACI, Airbus, Boeing, IATA, ICAO, Kuwait  
Airways, Etihad, Jazeera Airways, Fly  
Nas, Sheik Zayed Air Navigation Centre,  
Kuwait International Airport, )

# Objective

To foster a collaborative approach to managing aviation safety by aligning strategies, sharing experiences, and addressing emerging issues within the MID region.

## Focus areas:

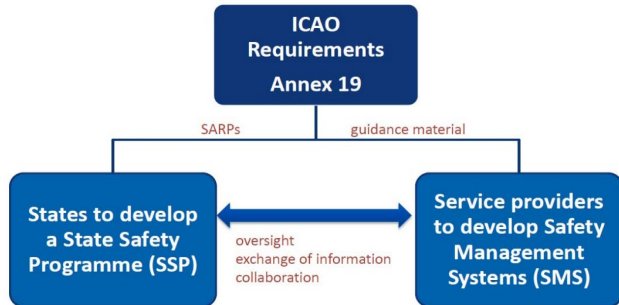
- State Safety Program (SSP) and Safety Management System (SMS) implementation
- Safety risk management frameworks at the state level
- Safety performance Management
- Safety intelligence development and data analysis
- Emerging issues such as GNSS spoofing, Advanced Air Mobility (AAM) integration, and Cybersecurity
- Aerodromes Requirements & Implementation



# Collaborative Approaches to SSP development & Implementation

## State Safety Programme (SSP)

### ICAO Safety Management Requirements



- The participants noted the ICAO Annex 19 requirement for States to develop an SSP and service providers to develop an SMS.
- The participants likely emphasized the importance of state-level collaboration, especially in implementing State Safety Programs (SSP) in compliance with ICAO standards.
- Emphasis on exchanging best practices, lessons learned, and success stories in SSP development and implementation.

# Collaborative Approaches to SSP development & Implementation

## Safety Management System (SMS)

- The participants recognized common SMS implementation challenges, including regulatory compliance, resources, and organizational buy-in.
- The participants stressed the need for sharing successful case studies and practical solutions, as well as setting up a regional forum for continued knowledge-sharing and capacity building.







# Safety Risk Management (SRM)

- Participants underscored the importance of developing a robust, comprehensive safety risk management framework for SSP with emphasis on incorporating data analytics to proactively identify and mitigate risks.
- This would include actionable strategies for states to identify, assess, and mitigate safety risks more effectively
- The participants noted the need for building a collaborative data-sharing system/**Cross-State Risk sharing** to support risk analysis and enhance SRM effectiveness.
- Participants stressed the need to integrate the change management in SSP.



# Safety Performance Management

- The participants underlined the need for establishing State Safety Performance Management mechanism.
- This includes the formulation of guidelines for defining and tracking Safety Performance Indicators (SPIs).
- States encouraged to adapt SPIs to meet unique operational conditions and in line with State safety objectives.







## Developing Safety Intelligence

- To address the increasing complexity of aviation safety risks, the participants likely focused on the importance of data-driven safety intelligence.
- This includes the establishment of safety intelligence strategy and build safety intelligence capabilities to support safety risk management and safety performance management
- The participants noted the importance of enhancing data-sharing platforms and investing in advanced analytics to predict and prevent safety issues. This includes Technology Investments in terms of software to support safety intelligence and risk management.

# Developing Safety Intelligence

- The participants emphasized that a positive safety culture plays a pivotal role in developing safety intelligence within the aviation industry
- This includes:
  - Enhanced Data Sharing and Transparency
  - Improved Decision-Making
  - Proactive Risk Management
  - Development/refinement of SPIs/SPTs
  - Inclusive collaboration among regulators, service providers, and industry partners



# SSP & SMS Assessment

- The participants noted that ICAO SSPIA assessment is in the process to be finalized and rolled out by ICAO.
- The participants emphasized the need for ICAO MID Office to initiate technical assistance missions to support States for the upcoming ICAO USOAP (SSPIA) activities.
- The Participants recognized the need for the development of assessment tools for both SSP and SMS. A framework for periodic assessments should be developed, aiming to ensure continuous improvement of safety management practices.



# Capacity building initiatives

- The participants stressed the need for States to establish **training programs and plans** for personnel involved in developing the SSP.
- This includes regular Capacity building activities such as workshops, training sessions, and seminars focused on SSP core components.
- MID Office to support States in developing SSP by providing capacity building activities including SRM Framework, developing safety intelligence, safety performance management, management change workshops.



# Importance of Collaboration

- There was a consensus amongst participants on the importance of **coordination and collaboration** among various stakeholders, including CAAs, AIG authorities, other agencies, industry, and international organizations.
- States need to work together to share resources, expertise, and lessons learned to enhance the effectiveness of assistance efforts worldwide.
- SSP development and implementation in the MID region should be strengthened through collaboration and the integration of safety intelligence and performance monitoring.



# Implementation Strategies and Challenges

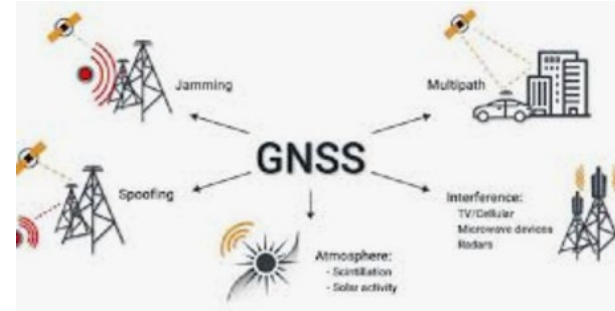
## Emerging Safety Challenges: AAM operations, Cybersecurity, and GNSS Jamming/Spoofing

- There was a consensus amongst participants on safely integrating Advanced Air Mobility (AAM) into the National Airspace System (NAS) through collaboration, regulatory updates, and ecosystem development using a comprehensive roadmap that includes commercial operations, robust regulatory frameworks, and initiatives to build infrastructure, human capabilities, and public acceptance for sustainable and innovative AAM integration.
- Considering the threat of GNSS interference & spoofing, emphasizing design enhancements, operational mitigations, and collaboration with industry and regulatory bodies to improve resilience, develop robust standards, and ensure flight safety globally, the participants emphasized the critical need to address GNSS radio interference/spoofing through enhanced mitigation measures, state-level reporting, regulatory enforcement, and contingency planning to ensure operational resilience and flight safety in the MENA region and beyond.
- The participants underscored the importance of adopting robust cybersecurity strategies, leveraging emerging technologies like AI and blockchain to enhance detection and prevention, while addressing challenges such as evolving threats, skill gaps, and risks from increased connectivity through international cooperation and strategic action plans.



# Addressing Emerging Safety Issues

- The participants noted with concern the increasing significance of GNSS Interference & spoofing and its implications for aviation safety, particularly in or near conflict zones, and
- encouraged MID Region States to actively contribute to addressing these critical challenges by drafting and submitting a working paper to the upcoming ICAO General Assembly.



# Safety Priorities and Challenges for Aerodromes: Aerodrome Certification and Runway Safety Team Implementation

## Aerodromes readiness for the implementation of Safety Requirements

- The participants agreed on the need for the establishment of a regulatory compliance and rigorous safety management when implementing airside infrastructure projects, emphasizing adherence to ICAO standards, robust change management, and stakeholder collaboration to maintain operational safety and security during construction activities.
- Considering the challenges faced by airport operators in aerodrome certification and runway safety team (RST) implementation, the participants emphasized on the need for robust planning, stakeholder collaboration, regulatory compliance, and continuous improvement to ensure safe and efficient operations.
- The participants encouraged States/Airports to explore green airport initiatives, UAS integration, A-CDM implementation, bird strike management, and mitigation of aircraft ground damage, emphasizing data-driven solutions and collaborative efforts to improve safety and efficiency.
- The participants noted with appreciation the Saudi Arabia Experience to overcome the Water Aerodromes Certification and emphasized on the need for globally uniform SARPs avoiding the overlap with the maritime authority's legislation, notably for the States planning to build/operate seaports.

## 6th MID Region Safety Summit

- We are pleased to announce that **the United Arab Emirates (UAE)** has graciously offered to host the **6<sup>th</sup> MID Region Safety Summit during the year 2026**. This reflects the UAE's steadfast commitment to advancing aviation safety and fostering collaboration across the region.
- Building on the success of this 5<sup>th</sup> Summit, the UAE looks forward to providing a platform to further strengthen partnerships, share best practices, and explore innovative solutions to address current and emerging safety challenges in the aviation sector.
- Further details regarding the date, venue, and agenda of the 6<sup>th</sup> safety Summit will be communicated later.



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# Thank You

