

## MENA ARCM COMMITTEE/8 -REPORT



### **REPORT OF THE MIDDLE EAST NORTH AFRICA AIRCRAFT ACCIDENT AND INCIDENT INVESTIGATION REGIONAL COOPERATION MECHANISM (MENA ARCM) COMMITTEE**

**(MENA ARCM Committee/8)**

***(Riyadh, Saudi Arabia, 2-4 November 2025)***

The views expressed in this Report should be taken as those of the RASG Steering Committee and not of the Organization. This Report will, however, be submitted to the RASG-MID and any formal action taken will be published in due course as a Supplement to the Report.

Approved by the Meeting  
and published by authority of the Secretary General

The designations employed and the presentation of material in this publication do not imply the expression of any opinion whatsoever on the part of ICAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontier or boundaries.

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## **PART I – HISTORY OF THE MEETING**

### **1. PLACE AND DURATION**

1.1 The Eighth Meeting of Middle East North Africa Aircraft Accident and Incident Investigation Regional Cooperation Mechanism (MENA ARCM) Committee meeting. were held *(Riyadh, Saudi Arabia, 2-4 November 2025)*.

### **2. OPENING**

2.1 The meeting was opened by Capt. Tai Alshammari, CEO, NTSC, Kingdom of Saudi Arabia who welcomed all the participants and thanked them for their participation. He highlighted the importance of holding the AIIG/4 Meeting under the theme “Strengthening Regional Aviation Safety Through Collaboration. Capt. Alshammari emphasized that safety is the foundation of the Kingdom’s aviation growth under Vision 2030, noting NTSC’s role as a national center of expertise for accident investigation and proactive safety studies. He also underlined the progress achieved through the State Safety Program and the Transport Safety Observatory in supporting data-driven decisions. He concluded by announcing the regional initiative to establish a shared Safety Recommendation Platform and reaffirmed NTSC’s commitment to supporting regional cooperation to enhance aviation safety.

2.2 The meeting was opened by Capt. Aysha Mohammed Al Hamil, Assistant Director-General, Air Accident Investigations, UAE, who welcomed all participants and thanked them for their active participation. In her opening remarks, Capt. Aysha emphasized the importance of strengthening regional cooperation among accident investigation authorities. She highlighted that the event, hosted by the Kingdom of Saudi Arabia in Riyadh, aimed to establish a regional platform for managing and implementing safety recommendations in alignment with ICAO standards. Capt. Aysha also encouraged participants to share their experiences and best practices to enhance the effectiveness of safety actions and prevent future accidents. She concluded by stressing that the forum underscored the significance of collaboration, knowledge exchange, and the shared commitment of States, industry stakeholders, and ICAO to advancing aviation safety in the MENA region.

2.3 The meeting was opened by Mr. Mohamed Chakib, who welcomed all the participants and thanked them for their participation. He extended his appreciation to the Kingdom of Saudi Arabia for hosting the event and supporting regional safety initiatives. He also highlighted that the workshop marks an important milestone in enhancing regional cooperation in aircraft accident and incident investigation. The Safety Recommendations Platform will support information sharing, identification of common safety issues, and data-driven safety improvements, in line with the ICAO Global Aviation Safety Plan (GASP).

2.4 The meeting was opened by Mr. Hicham Bannani, Safety & Air Navigation Expert, ACAO, which expressed his sincere appreciation to the National Safety Transport Centre in the Kingdom of Saudi Arabia for their generous hospitality and outstanding efforts in making this workshop successful. He also emphasised the MENA region rapid aviation growth and technological transformation, which require to align strategies, harmonize safety policies, and build trust for maintaining the highest levels of operational safety. He added that, by centralizing safety recommendations, tracking their implementation, and enabling States and organizations to analyse common risks, the past lessons are transformed into future safeguards.

### 3. ATTENDANCE

3.1 The meeting was attended by a total of Twenty-three (23) participants from Nine (9) States (Egypt, Jordan, Kuwait, Mauritania, Morocco, Oman, Saudi Arabia, UAE, Yemen) and Four (4) Organizations (ACAO, IATA, ICAO, IFALPA). The list of participants is at **Attachment A**.

3.2 The Workshop was attended by a total of Fifty (50) participants from MD States, other States, international organizations, and industry.

### 4. OFFICERS AND SECRETARIAT

4.1 The meeting was chaired by Capt. Aysha Mohammed Al Hamil, Assistant Director-General - Air Accident Investigations, UAE.

4.2 Mr. Mohamed Chakib, RO/SAF-IMP was the Secretary of the meeting supported by Mr. Hicham Bennani, Safety & Air Navigation Expert, ACAO.

### 5. LANGUAGE

5.1 The discussions were conducted in the English language, and documentation was issued in English.

### 6. AGENDA

6.1 The following Agenda was adopted:

6.2

Agenda Item 1: Election of Chairperson & Vice-Chairperson Adoption of the Provisional Agenda

Agenda Item 2: Regional Performance Framework

- MENA ARCM Coordinator ToRs and nomination mechanism
- Outcome of the ICAO Assembly 42nd session & Outcomes related to AIG WPs presented by MID States
- Updated Progress on Areas of Cooperation and Technical Assistance
- MENA ARCM Shared folders and online platform update
- Outcome of RASG-MID/12 meeting
- Follow up on RASG-MID/12 Conclusion and Decisions
- MID Region safety priorities and performance

- MID-RASP 2026-2028 Edition

Agenda Item 3: Future Work Programme

Agenda Item 4: Any other Business

#### **Fourth Aircraft Accident and Incident Investigation Meeting Workshop**

- Opening session
- Session 1 Experiences of MENA ARCM States in managing safety recommendations Databases
- Session 2 EASA experience on establishing Accident Investigation Safety Recommendations Platforms.
- Session 3 Discussions and development: Mechanism for establishing the MENA ARCM Accident Investigation Safety Recommendations Platform focusing on:
  - i. Governance framework
  - ii. Platform Design & Technical requirements
  - iii. Data privacy & protection
  - iv. Implementation Roadmap
  - v. Drafting the Action Plan.
- Closing Session

#### **7. CONCLUSIONS AND DECISIONS – DEFINITION**

7.1 The MENA ARCM Committee/8 records its actions in the form of Conclusions and Decisions with the following significance:

- Conclusions** deal with matters that, according to the Group's terms of reference, merit directly the attention of States and its stakeholders/partners, or on which further action will be initiated by the Secretary in accordance with established procedures; and
- Decisions** relate solely to matters dealing with the internal working arrangements of the Group and its subsidiary bodies.

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**PART II: REPORT ON AGENDA ITEMS****REPORT ON AGENDA ITEM 1: ELECTION OF CHAIRPERSON & VICE-CHAIRPERSON  
ADOPTION OF THE PROVISIONAL AGENDA**

1.1 The subject was addressed in WP/1, presented by the Secretariat.

1.2 Capt. Aysha Mohammed Al Hamili, Acting Assistant Director-General – Air Accident Investigations, United Arab Emirates, and Mr. Abdulelah Felemban, EVP Safety Investigation and Research, National Transport Safety Center (NTSC), Kingdom of Saudi Arabia, were unanimously re-elected as the Chairperson and Vice-Chairperson of the Middle East North Africa Aircraft Accident and Incident Investigation Regional Cooperation Mechanism (MENA ARCM), and Accident and Incident Investigation Group (AIIG), respectively.

1.3 The meeting also reviewed and adopted the Provisional Agenda as at paragraph 6 of the History of the Meeting.

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**REPORT ON AGENDA ITEM 2: REGIONAL PERFORMANCE FRAMEWORK*****MENA ARCM Coordinator ToRs and nomination mechanism of MENA ARCM Coordinator***

2.1 The subject was addressed in WP/2, presented by MENA ARCM Coordinator. The MENA ARCM Committee reviewed and agreed to the MENA ARCM Coordinator Terms of References (TORs) as at *Appendix 2A*.

2.2 Eng. Albaraa Naser, National Transport Safety Center (NTSC), Saudi Arabia was unanimously re-elected as the MENA ARCM Coordinator.

***Outcome of the RASG-MID/12***

2.3 The subject was addressed in PPT/6, presented by the secretariat. The meeting noted with the appreciation the outcome of the RASG-MID/12.

***Follow-up on the RASG-MID/12 Conclusions and Decisions***

2.4 The subject was addressed in WP/7, presented by the Secretariat. The meeting reviewed the progress made for the implementation of the RASG-MID/12 and PIRG/RASG Conclusions and Decisions as at *Appendix 2B and Appendix 2C*.

***Assembly 42<sup>nd</sup> Outcomes***

2.5 The subject was addressed in PPT/3 & PPT/4, presented by the Secretariat and ACAO.

2.6 The meeting was informed on the main safety-related outcomes of the 42nd Session of the ICAO Assembly (A42), held in Montréal, Canada, 23 September to 3 October 2025.

2.7 The meeting noted the role and level of the Arab countries' participation in the A42 session highlighted by ACAO.

2.8 The meeting also noted with appreciation the increased effectiveness of this participation, particularly following the implementation of the ACAO Coordination Mechanism (ACM) at higher-level events.

2.9 The meeting noted the endorsement of the 2026-2028 edition of the GASP by the Assembly, as well as the need for ICAO providing the necessary support to Member States to develop and implement national aviation safety plans, in line with the latest edition of the GASP. The meeting was also informed that the GASP-SG would consider proposals raised during A42, for the next edition of the GASP and related guidance materials, mainly: the inclusion of mechanisms to enhance data-driven safety planning, by identifying precursor events to the global high-risk categories of occurrences, as well as operational safety risks associated with climate.

2.10 The meeting was informed of the main issues discussed regarding accident investigation and prevention, mainly: the timely publication of investigation final reports; the effective use of regional accident and incident investigation organizations (RAIO) by States with limited aviation capacity and that do not have sufficient resources for the establishment and adequate functioning of a national independent accident investigation authority (AIA); the use of accident/incident investigation cooperation mechanisms (ICM), including support for States with limited capacity through association with RAIO/ICM to ensure independent investigations; challenges associated with the translation of technical terms in the Arabic version of Annex 13 — Aircraft Accident and Incident Investigation and the implementation of the requirements pertaining to independence of accident investigation; as well as the ongoing work in relation to assistance to aircraft accident victims and their families.



2.11 The meeting noted discussions on fatigue management, mainly the effects of the digital transformation of the modern flight deck as a contributing factor to cognitive fatigue and information overload of pilots, and the need to apply human-centered design principles in flight deck design, along with training for skills to manage complex digital information effectively, as a mitigation to these risks. The meeting also noted discussions on the need for ICAO to develop guidance, training, and regulatory provisions on fatigue risk in aviation maintenance.

2.12 The meeting noted that the UAE and Saudi Arabia, in coordination with the MID Office, IFALPA, and IATA, will be developing a Regional Safety Advisory (RSA) on fatigue risk in aviation maintenance, in line with the A42 Resolution.

2.13 The meeting was briefed on discussion related to raising the age limit for pilots and noted that the Assembly committed to continue actively studying the effects of advancing age on flight safety and agreed that any decision to raise the pilot age limit to 67 years old should be based on a thorough analysis of relevant data to be collected, and considerations of safety.

2.14 The meeting noted discussions on global navigation satellite system (GNSS) radio frequency interference (RFI) and its significant impact on aviation safety, security, and efficiency. With the endorsement of amendments to relevant Assembly resolutions on this subject, it was noted that the Assembly requested States' active engagement to ensure that resilient communications, navigation, and surveillance (CNS) capabilities remain available to maintain aviation safety.

2.15 With regards to the implementation and evolution of the ICAO Continuous Monitoring Approach (CMA) audit programmes, the meeting noted the discussions at A42 which concluded that ICAO's safety oversight and aviation security audit programmes should be further enhanced to better suit the needs of all Member States.

2.16 The meeting was also briefed on other A42 outcomes, including those related to remotely piloted aircraft systems (RPAS), unmanned aircraft systems (UAS) and advanced air mobility (AAM), and the expedited development and implementation of measures to facilitate legally compliant and safe UAS operations over the high seas; the important role of regional cooperation mechanisms to assist States with limited aviation capacity and resources.

2.17 The meeting also noted that stronger representation at ICAO MID meetings (including RASG-MID and DGCA meetings) and at ACAO high-level meetings would further enhance the promotion of MENA ARCM activities. Accordingly, it was agreed to request the MENA ARCM Coordinator and concerned members states to provide these activities to the Secretariat for presentation at the next MENA ARCM meeting.

### ***MID Region Safety Priorities and Performance***

2.18 The subject was addressed in PPT/9, presented by the Secretariat. The meeting was provided with updated information on the MID Region safety priorities and safety targets.

### ***Updated Progress on MENA ARCM Areas of Cooperation & Technical Assistance***

2.19 The subject was addressed in PPT/5 presented by the MENA ARCM Coordinator. The meeting was apprised with appreciation of the work progress achieved on the MENA ARCM database management, Technical Assistance, and share folder.

2.20 The meeting noted with appreciation the updated progress made since the MENA ARCM/7 meeting.

2.21 The meeting urged the MENA ARCM Member States to provide their data to MENA ARCM Coordinator if not yet done.

***RASP-MID 2026-2028 Edition***

2.22 The subject was addressed in PPT/8, presented by the Secretariat. The meeting noted with appreciation the development of RASP-MID 2026-2028 Edition including the Safety Enhancement initiatives' (SEIs) and the MID Region Safety Performance Measurement and Monitoring (SPMM).

2.23 The Global Aviation Safety Plan (GASP) presents the global strategy for the continuous improvement of aviation safety.

2.24 The MID Regional Aviation Safety Plan (MID-RASP) presents the strategic direction for the management of aviation safety at the regional level. It constitutes the regional safety plan for the MID Region, setting out the strategic priorities, main risks affecting the regional aviation system, and the necessary actions to mitigate those risks to further improve aviation safety.

2.25 The MID-RASP Edition 2026-2028 aims to enhance the MID Region's commitment to improving safety oversight capabilities, reducing operational risks, and establishing effective State Safety Programmes (SSP). It serves as a key framework for raising awareness of safety risks and their consequences among States, industry, and stakeholders. The MID-RASP encourages the allocation of financial, human, and technical resources to improve safety management, oversight, and operational performance. Additionally, it facilitates information sharing among relevant stakeholders to support timely action and collaborative problem-solving.

2.26 The meeting commended and expressed appreciation for the work accomplished by ICAO MID Office in developing the MID-RASP 2026-2028.

***Accident investigation final report***

2.27 The subject was addressed in PPT/10 presented by IATA. The meeting expressed its appreciation to IATA for presenting an overview of accidents and an updated status on the completion and publication of final accident investigation reports for 2018–2024, with particular emphasis on the MENA region, recognizing the efforts undertaken by the MENA ARCM Committee.

2.28 To address the remaining final investigation reports, the following actions were agreed:

- a. IATA will provide the updated list of outstanding reports to the MENA ARCM Coordinator
- b. The MENA ARCM Coordinator will coordinate with each concerned AIA to obtain the current status of these reports
- c. The MENA ARCM Coordinator will assess whether the finalization of these reports requires assistance from MENA ARCM. If so, a request will be submitted in accordance with the established process.

***Lithium batteries***

2.29 The subject was addressed in PPT/11 presented by IATA. The meeting noted with appreciation the concerns raised regarding the transport of lithium batteries by air.

**Workshop: “Mechanism for establishing MENA ARCM Accident investigation Safety Recommendations Platform (MENA ARCM SRP)”**

2.30 The National Transport Safety Center (NTSC) of the Kingdom of Saudi Arabia has successfully organized “Mechanism for *establishing MENA ARCM Accidents and serious incidents investigation Safety Recommendations Platform (MENA ARCM SRP)*” Workshop in Riyadh, from 2 to 3 November 2025. The workshop brought together accident investigation authorities, international organizations, and industry experts to share experiences and discuss challenges related to establishing and managing safety recommendations.

2.31 The second day of the workshop focused on initiating the development of a draft roadmap for the establishment of the MENA ARCM Accident and Serious Incident Investigation Safety Recommendations Platform (MENA ARCM SRP), with emphasis on:

- i. Governance framework
- ii. Platform Design & Technical requirements
- iii. Data privacy & protection
- iv. Implementation Roadmap
- v. Drafting the Action Plan

2.32 The meeting noted with appreciation that the NTSC of Saudi Arabia generously offered to host the MENA ARCM SRP and develop its supporting software, including the maintenance required to ensure the Platform’s effective and sustainable operation.

2.33 Following the brainstorming session, the meeting reviewed and approved the MENA ARCM Accidents & Serious Incidents Investigation Safety Recommendation Platform (MENA ARCM SRP) Roadmap at **Appendix 2D**.

2.34 The meeting also established Safety Recommendations Platform Working Group (SRPWG) and its composition:

1. Chairperson: Mrs, Ziyana Ali Saud Al Said, OTSB, Oman: [zayana.Alsaeed@mtcit.gov.om](mailto:zayana.Alsaeed@mtcit.gov.om)
2. Hamood Said Rashid Al Jahdhami, OTSB, Oman: [Hamood.AlJahdhami@mtcit.gov.om](mailto:Hamood.AlJahdhami@mtcit.gov.om)
3. Eng. Peter Butie Mashaba, OTSB, Oman: [Peter.Mashaba@mtcit.gov.om](mailto:Peter.Mashaba@mtcit.gov.om)
4. Khalifa Yousif Aljazi, AAI, UAE: [kaljazi@gcaa.gov.ae](mailto:kaljazi@gcaa.gov.ae)
5. Ibrahim Alsabt, AAI, UAE: [ialsabt@gcaa.gov.ae](mailto:ialsabt@gcaa.gov.ae)
6. Belkourati mohamed, AIB, Morocco: [m.belkourati@aviationcivile.gov.ma](mailto:m.belkourati@aviationcivile.gov.ma)
7. Salim Nuhaid, CAA, Yemen: [c.Salim.Nuhaid@cama-aden.org](mailto:c.Salim.Nuhaid@cama-aden.org) & [aviation.investigation@cama-aden.org](mailto:aviation.investigation@cama-aden.org)
8. Samara Ahmed, CAA, Yemen: [Atc.samara.ahmed@gmail.com](mailto:Atc.samara.ahmed@gmail.com)
9. Dr. Abdallah Samarat, AAID, Jordan: [Abdallah.Samarat@CARC.GOV.JO](mailto:Abdallah.Samarat@CARC.GOV.JO)
10. Meshal Alzahrani, NTSC, Saudi Arabia: [malzahrani@ntsc.gov.sa](mailto:malzahrani@ntsc.gov.sa)
11. Majed Dardeer, NTSC, Saudi Arabia: [Mdardeer@ntsc.gov.sa](mailto:Mdardeer@ntsc.gov.sa)

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**REPORT ON AGENDA ITEM 3: FUTURE WORK PROGRAMME**

3.1 The subject was addressed in WP/12, presented by the Secretariat. The meeting noted with appreciation that the Sultanate of Oman generously confirmed to host the Ninth MENA ARCM Committee Meeting (MENA ARCM/9), to be held back-to-back with the ECCAIRS 2 Workshop, tentatively scheduled in Muscat from 6–7 April 2026 and 8–9 April 2026, respectively.

3.2 The meeting also noted that UAE has generously offered to host the Tenth MENA ARCM Committee Meeting (MENA ARCM/10) tentatively during the month of November 2026. The dates and venues will be coordinated by the Secretariat with Chairperson and Vice-Chairperson.

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**REPORT ON AGENDA ITEM 4: ANY OTHER BUSINESS**

4.1 Nothing has been discussed under this Agenda Item.

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## **APPENDICES**

# **Terms of Reference (TOR)**

## **MENA ARCM Coordinator**

### **Purpose**

The MENA ARCM Coordinator is responsible for facilitating cooperation and coordination among MENA ARCM Member States in supporting accident and incident investigation capabilities, sharing expertise, and enabling the effective implementation of ICAO Annex 13 and relevant USOAP requirements.

The Coordinator acts as a central communication and liaison point between Member States and ICAO.

### **Appointment & Tenure**

- The Coordinator is nominated from one of the Member States participating in MENA ARCM.
- The nomination is endorsed by the MENA ARCM Member States during an ARCM meeting.
- The term of the
- States' consensus.
- If the Coordinator becomes unable to continue the role, the Member States shall assign a replacement to complete the remaining term subject to Member States' endorsement.

### **Reporting**

- The Coordinator reports directly to:
  - MENA ARCM Chair.
  - MENA ARCM Member States collectively through periodic updates.
- The Coordinator submits bi-annual progress reports and leads coordination meetings as required.

### **Roles & Responsibilities**

The Coordinator shall:

#### **A. Coordination & Communication**

- Maintain continuous communication between Member States, ICAO, and partners.
- Manage requests for technical assistance or investigator support between the requester State and the provider State.
- Maintain and update the ARCM capabilities database (investigators, facilities, specializations, tools, etc.).

#### **B. Operational Support**

- Track operational performance of provided support and promote standardization of investigation practices.

### **C. Capacity Building**

- Coordinate regional training plans, workshops, and knowledge-sharing initiatives.
- Promote harmonization of policies, processes, and investigator qualifications across the region.

### **D. Governance & Documentation**

- Prepare and maintain administrative documentation related to MENA ARCM processes, including:
  - Technical Assistance Request procedures
  - Points of contact database
  - Terms of Reference
  - Work programs and progress reports
- Ensure compliance with ICAO guidance and MENA ARCM MoUs.

### **E. Meetings & Representation**

- Organize Steering and Technical meetings for MENA ARCM as required.
- Represent MENA ARCM in relevant regional and international events, in coordination with the MENA ARCM Chair.
- Document and circulate meeting outcomes and actions.

### **Decision-Making Authority**

- The Coordinator has no regulatory authority over Member States.
- All decisions remain subject to the approval and voluntary commitment of participating States.
- The Coordinator facilitates consensus-based decision-making.

### **Confidentiality**

- The Coordinator ensures secure handling of sensitive information related to investigations and agreement-based support.

### **Review of TOR**

- These Terms of Reference may be reviewed and updated by Member States with support from ICAO to align with evolving regional collaboration needs.



## Expected Deliverables

Deliverable	Frequency
MENA ARCM Work Program	Annual
Progress Reports	Bi-annual
Updated Capabilities & Contacts Database	Continuous
Meeting Coordination & Documentation	As required

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**FOLLOW-UP ACTION PLAN ON RASG-MID/12 CONCLUSIONS AND DECISIONS**

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 12/1	<b>MENA RSOO</b>  That States be encouraged, if not yet done, to sign the MOA and join the MENA RSOO and actively contribute to the success and sustainability of the MENA RSOO.	Enhance cooperation among MENA States in the area of SSP	Sign the MOA to support MENA States in SSP and USOAP	States	July 2025	<b>Actioned</b>
C. 12/2	<b>GUIDANCE FOR IMPLEMENTING GOAL 6 OF THE 2026–2028 GASP</b>  That, ICAO is invited to develop guidance to assist states in assessing non-ICAO recognised industry evaluation programmes.	Assist states in assessing non-ICAO recognized industry evaluation Programmes	Development of guidance material	ICAO	June 2025	<b>Actioned</b>  Coordination with HQ
C.12/3	<b>13<sup>TH</sup> ASR</b>  That, The Thirteen MID Annual Safety Report is endorsed and be posted on the ICAO MID Website.	Sharing the final 13th MID-ASR for the period 2019-2023 with identified MID Region safety priorities and an update on safety performance	MID-ASR 13th Edition published on the ICAO website	RASG-MID/12	June 2025	<b>Completed</b>
C. 12/4	<b>SHARING OF SAFETY DATA ANALYSIS</b>	Collection of safety data analysis for a Harmonized database	Safety Data Analysis for development of ASR	States	May 2025	<b>Completed</b>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
	In respect of the next MID ASR edition, States are encouraged to provide necessary safety information and safety data analysis to the ICAO MID Office by June 2025, related to each occurrence category in <b>Appendix 4B</b> for the past 5 years (2020– 2024) and using the templates in <b>Appendices 4C and 4D</b> . The Draft of the 14 <sup>th</sup> edition of the MID ASR will be presented to the ASRG/7 meeting for review.					SL ME 4-25/104 Dated 26 May 2025
C. 12/5	<p><b>IMPLEMENTATION PROGRESS ON THE SAFETY ENHANCEMENT INITIATIVES (SEIs)</b></p> <p>That,</p> <p>a) The implementation progress of the Safety Enhancement Initiatives (SEIs) and safety actions included in the MID-RASP 2023-2025 Edition at <b>Appendix 4F</b> is endorsed; and</p> <p>b) States, international organizations and industry are urged to support the MID-RASP 2023-2025 Edition activities, including SEIs and safety actions.</p>	Support the MID-RASP 2023-2025 Edition activities, including SEIs and safety actions	Implementation of SEIs and safety actions	States, organizations, and industry	May 2025	<p><b>Actioned</b></p> <p>45 (72.6%) safety actions out of 62 have been completed and implemented as of August 2025</p>
C. 12/6	<p><b>AAM AND NEW ENTRANTS</b></p> <p>That,</p> <p>a) AAM and AI covered under the ICAO Focus area AAM and new entrants be included as a Safety Enhancement Initiative (SEI) within the MID Region Aviation Safety Plan (MID-RASP) 2026-2028 Edition to ensure structured regional coordination and alignment with global aviation innovation priorities;</p>	Support AAM and new entrants in the MID Region	Include AAM and new entrants as SEI in MID-RASP 2026-2028	States, organizations, and industry	June 2025	<p><b>Actioned</b></p> <p>SL REF:ME4 -25/115 Dated 4 June2025.</p> <p>Has been included as SEIs in MID-RASP 2026-2028</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
	b) Encourage States and industry stakeholders to prioritize and conduct capacity-building initiatives, to foster expertise and knowledge-sharing in AAM and AI technologies, regulatory frameworks, and risk management strategies; and c) Encourage States and stakeholders to actively engage in the proposed SEI by sharing operational insights, best practices, and lessons learned.					
C. 12/7	<p><b>DEVELOPMENT OF NATIONAL AVIATION SAFETY PLAN (NASP) IN MID STATES</b></p> <p>That, States be:</p> a) urged to prioritize the development and implementation of the NASP in line with the GASP and MID-RASP, if not yet done so; b) encouraged to share the latest versions of their NASPs with ICAO HQ and ICAO Regional MID office for publication on the GASP public portal; c) Encouraged to leverage existing ICAO guidance materials, tools, and best practices to accelerate NASP development and implementation; d) Invited to seek technical assistance from the ICAO MID Regional Office for NASP development, including tailored on-site assistance missions and/or State-specific NASP workshops to address unique operational challenges; and e) Encouraged to actively share lessons learned, challenges, and successes in NASP development during SEIG meetings and/or the Regional NASP Workshops,	Compliance with Assembly Resolution A40-1	State Letter	ICAO	July 2025	<p><b>Actioned</b></p> <p>SL REF: ME 4 – 25/159 Dated 7 July 2025</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
	fostering peer-to-peer knowledge exchange and regional collaboration.					
C. 12/8	<p><b>DEVELOPMENT OF SSP IN MID STATES</b></p> <p>That, States be:</p> <ul style="list-style-type: none"> <li>a) urged to prioritize the timely establishment, implementation, and maintenance of State Safety Programmes (SSPs) and to strengthen Safety Management System (SMS) adoption across all aviation service providers, ensuring alignment with ICAO Annex 19 standards;</li> <li>b) encouraged to request assistance from the ICAO MID Regional Office related to the development and implementation of their SSPs including the conduct of: <ul style="list-style-type: none"> <li>i. Targeted SSP technical assistance missions to prepare States for upcoming ICAO SSP assessments</li> <li>ii. Tailored SSP implementation Workshops</li> <li>iii. State Safety Risk Management framework workshops to enhance risk-based decision-making capabilities.</li> </ul> </li> <li>c) Invited to share lessons learned, challenges, and successes in SSP development during SEIG meetings, fostering peer-to-peer knowledge exchange and regional collaboration; and</li> <li>d) encouraged to share their latest version of SSP manuals with ICAO MID Office.</li> </ul>	Support States with the development and Implementation of SSP	MID States SSP development	ICAO and States	July 2025	<p><b>Actioned</b></p> <p>SL REF: ME4-25/16 Dated 4 June 2025</p>
C. 12/9	<p><b>ESTABLISHMENT OF ELECTRONIC PILOT LICENCE</b></p> <p>That</p>	Support States to establish EPL	Conduct of Survey	ICAO and States	June 2025	<p><b>Completed</b></p> <p>SL REF: ME4-25/103 Dated 26</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
	<ul style="list-style-type: none"> <li>a) The survey on the Electronic Pilot Licence (ePL) will be developed by the UAE GCAA, in coordination with the ICAO MID Regional Office;</li> <li>b) The MID Office will circulate the survey to all MID States and encourage them to provide their inputs; and</li> <li>c) The results of the survey analysis will be shared with the UAE to support the development of the Working Paper to be presented at the 42<sup>nd</sup> ICAO Assembly.</li> </ul>					May 2025
C.12/10	<p><b>SARPs, AND GUIDANCE RELATED TO FATIGUE RISK MANAGEMENT (FRM) FOR MAINTENANCE LICENSED PERSONNEL</b></p> <p>That,</p> <ul style="list-style-type: none"> <li>a) a detailed survey to assess the measures taken to mitigate fatigue in the maintenance environment to be developed by UAE and Saudi Arabia, in coordination with the ICAO MID Regional Office, IATA, and IFALPA;</li> <li>b) the ICAO MID Office to circulate the survey to all MID States and collect feedback and proposals;</li> <li>c) the results of the survey to analyzed by UAE and Saudi Arabia, in coordination with the ICAO MID Regional Office, IATA, and IFALPA;</li> <li>d) UAE in coordination with Saudi Arabia, IATA, and IFALPA to develop a Working Paper to be presented at the 42<sup>nd</sup> ICAO Assembly, inviting ICAO to develop SARPs and guidance for maintenance licensed personnel, and</li> <li>e) UAE and Saudi Arabia, in coordination with the ICAO MID Regional Office, IATA, and IFALPA, to develop a Regional Safety Advisory on the subject to be presented to the SEIG/7 Meeting for further discussion and agreement on the way forward.</li> </ul>	Support States with FRMS for maintenance	Conduct of survey	ICAO and States	June 2025	<p><b>Ongoing</b></p> <p>SL REF:ME4-25/108 Dated 29May2025</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C.12/19	<b>ADHERENCE TO ICAO ANNEX 13- ACCIDENT INVESTIGATION FINAL REPORTS</b>  That, The State conducting an aircraft accident investigation must submit a Preliminary report to ICAO within thirty days of the date of the accident and release the final report within twelve months in accordance with ICAO Annex 13 requirement.	Sharing of the Final Investigation Report	RASG-MID/12	States	June 2025	<b>Completed</b>  SL REF ME4-25/113 Dated 2 June 2025

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FOLLOW-UP ACTION PLAN ON PIRG/22 & RASG-MID/12 CONCLUSIONS AND DECISIONS

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 1	<b>MENA ARCM</b> <i>That States be encouraged to sign the MENA AIG Regional Cooperation Mechanism (MENA ARCM) MoU, if not yet done.</i>	Enhancement of cooperation among MENA States in the provision of AIG area	Sign the MoU to support States in AIG area	States	June 2025	<b>Actioned</b>  Discussed during MENA ARCM/7 meeting and SL REF: FS 4/4 -25/161 Dated 7 July 2025
C. 2	<b>CONSOLIDATED REGIONAL APPROACH TO GNSS RFI MANAGEMENT</b>  That, a consolidated regional approach for the management of GNSS RFI be established with the following actions:  a) States be urged to: i. Support the establishment of regional GNSS RFI monitoring and reporting mechanisms through the appropriate MID regional frameworks; ii. Maintain an adequate network of conventional navigation aids to ensure continuity of air navigation services in case of GNSS signal degradation; iii. Strengthen civil-military coordination and ensure timely sharing of information related to intentional GNSS interference. iv. Define reversion scenarios and associated contingency procedures to maintain safe and efficient operations in the event of GNSS unavailability.  b) ICAO MID Office be requested to: i. Coordinate the development of the regional GNSS RFI management framework and potential reporting mechanism; ii. Support States through regional capacity building and awareness activities on GNSS interference detection and mitigation; iii. liaise with ICAO Headquarters to contribute to the deployment of global guidance material specifications,	GNSS interference/Spoofing  Operations Continuity during GNSS RFI or Spoofing	Proposed mitigation measures to be used in case of GNSS interference.	States	June 2025	<b>Actioned</b>  SL REF: AN 7/30.21 – 25/130 Dated 24 June 2025



No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
	including the GNSS RFI mitigation iPack and available information exchange mechanisms.					
D. 3	<b><i>AMENDED RASG-MID SAFETY ADVISORY 14</i></b> <i>That, the amended RASG-MID Safety Advisory 14 (RSA-14) at Appendix 2B is endorsed.</i>	Amendment of the current RSA 14	Amended RSA 14	ACAO, ICAO, IATA, IFALPA.	June 2025	<b>Completed</b>
C. 4	<b><i>CAPACITY BUILDING ON GNSS RFI</i></b> <i>That, ICAO, in collaboration with ICAO partners, organize a Regional Capacity Building event on GNSS Interference during 2025.</i>	GNSS interference capacity building	Organise symposium on GNSS	States, ICAO, Organizations	Nov 2025	<b>Ongoing Symposium Nov 2025</b>

## **MENA ARCM Accidents & Serious Incidents Investigation**

### **Safety Recommendation Platform Roadmap-Draft**

#### **1. Objective**

The MENA ARCM Safety Recommendations Platform (MENA ARCM SRP) aims to strengthen the regional accident and incident investigation system by:

- Facilitating sharing, tracking, monitoring and analysis of safety recommendations arising from accident, serious incidents and incident investigations or from studies. (tracking mechanism to be specified by SRPWG)
- Promoting safety learning, harmonized internal follow-up, and comprehensive implementation. (State level)
- Enhancing data-driven decision-making for safety risk management at State and regional levels.
- Prevention of recurrence of similar incidents

#### **2. Governance & Scope of Work**

MENA ARCM Committee: Approves policy, strategic direction, and annual work Programme for the SRP.

Establishment of Safety Recommendations Platform Working Group (SRPWG):

Composed of experts nominated by MENA ARCM Member States and chaired either by a State-nominated representative or by the MENA ARCM Coordinator, the SRPWG is responsible for ensuring that the platform is developed and maintained in accordance with the following mandate:

The aim of the SRPWG is to develop the Safety Recommendation Platform that includes, but not limited to:

- Develop guidelines for common procedures to be used in the process of Safety Recommendations and the update of related documents (ie responses, assessments, comments, etc.).
- Interact/coordinate with ICAO's E2 for occurrence reporting, including but not limited to the current Taxonomy in use.
- Promote consistent use of SRP among the member states with particular emphasis on quality of data entry and handling

- Develop tools and processes enabling member states SIAs and MENA ARCM Committee to perform any relevant safety analysis in the area of the Safety Recommendations.

### **3. Policy and Legal Framework**

Platform to be established under MENA ARCM MoU.

Operations guided by:

- ICAO Annex 13 and 19 and related guidance (Doc 9756, Doc 10144, Doc 10159).
- ICAO Common Taxonomy for Safety Recommendations (CAST/ICAO).

National laws governing investigation confidentiality and data protection.

### **4. Platform Design & Workflows**

The MENA ARCM SRP will be a secure, web-based, using English language (French & Arabic to be considered) platform allowing authorized MENA ARCM SRPWG to:

- Register, update and categorize safety recommendations issued by MENA ARCM member states.
- Monitor implementation status and effectiveness of entries.
- Generate regional analytics and dashboards.

Note: The NTSC of Saudi Arabia generously offered to host the MENA ARCM SRP and develop its supporting software.

Develop Workflow:

- Entry data, validation, notification to database recipient tracking, closure
- Integration of AI
- MENA ARCM Focal points: Full access for data entry and validation of own safety recommendations in coordination with SRPWG.
- RASG-MID / ASRG & MENA ARCM States: Read-only access for regional safety risk analysis.

### **5. Technical Specifications**

- Consider interoperability with ICAO E2/SRIS2.
- Taxonomy: ADREP (ICAO/CAST)
- Ensure resiliency to cybersecurity
- Define core data fields; to be drafted by the SRPWG.

## **6. Analytical & Reporting Capabilities**

- Define and set performance indicators: Number of recommendations issued per year, Recommendation by Recipient, Recurrence of same safety issue.
- Data analytics: trends analyses, systemic safety hazards
- Regular reports to be submitted to MENA ARCM committee for approval.
- Further details will be drafted by the SRPWG.

## **7. Protection of safety information & Handling Protocols**

Compliance with ICAO Annex 13 provisions on the protection of safety information as well as the NDA included in MENA ARCM MoUs

- Safety recommendations de-identified (before regional sharing.
- No direct publication of confidential accident/incident reports.
- Access governed by role-based permissions.

## **8. Capacity Building**

- Provide training for data managers/ custodian on: Classification and taxonomy, Quality control, Data analytics tools
- Develop SOPs and manuals for SRP management.

## 9. Implementation Roadmap

The MENA ARCM coordinator in coordination with the SRPWG will present a progress update to the MENA ARCM committee during their biannual meetings.

Phase	timeline	Key Activity	Lead Entity
<b>Phase 1: Planning &amp; Governance Setup</b>	Q4-2025	Establish SRPWG; finalize governance, and policy framework	MENA ARCM Coordinator and COMMITTEE in coordination with ICAO MID and ACAO
<b>Phase 2: Platform Design &amp; Development</b>	Q1- 2026	Define requirements, system design	MENA ARCM Coordinator and COMMITTEE in coordination with ICAO MID and ACAO
<b>Phase 3: Pilot Implementation</b>	Q1 2027	Pilot platform, build testing with 3–5 volunteer States; feedback and improvements	MENA ARCM Coordinator and SRPWG as well as Volunteer States
<b>Phase 4: Regional Rollout</b>	Q2-Q3 2027	Full operationalization across all MENA ARCM Member States	MENA ARCM Coordinator, SRPWG and States

## 10. Draft Action Plan

Action	Description	Responsibility	Deliverables	Target Date
<b>1</b>	Establish Safety Recommendations Working Group (SRPWG)	MENA ARCM Coordinator & Committee supported by ACAO /ICAO MID	TOR SRPWG	Dec 2025
<b>2</b>	Draft and adopt MENA ARCM SRP governance and data-sharing policy	MENA ARCM Coordinator & SRPWG supported by ACAO & ICAO MID.	MENA ARCM SRP level doc	Mar 2026
<b>3</b>	Develop detailed system requirements and architecture	MENA ARCM Coordinator & NTSC &SRPWG supported by ACAO &	System requirements document	Apr 2026

		ICAO MID. To be presented to MENA ARCM/9 Meeting		
4	Design and prototype the platform	MENA ARCM Coordinator & NTSC & SRPWG supported by ACAO & ICAO MID	Dedicated SR Platform software / tool	2027
5	Conduct pilot project with volunteer States	MENA ARCM Coordinator & SRPWG	Voluntary States list & requirements	2027
6	Evaluate pilot results and refine platform	SRPWG	Report on pilot project implementation	2027
7	Launch regional rollout and capacity-building workshops	MENA ARCM Coordinator	Workshop	2027
8	Establish monitoring and reporting process on SRP performance	SRPWG	SRP Manual	2027 onward
9	Capacity building: conduct dedicated training for Data managers & State focal	SRPWG, MENA ARCM committee	Training	2027 onward

***LIST OF PARTICIPANTS***

**Eighth Meeting of Middle East North Africa Aircraft Accident and Incident Investigation Regional Cooperation Mechanism (MENA ARCM/8)  
Committee and Fourth Aircraft Accident and Incident Investigation Group (AIIG/4 - Workshop)**

State / Organization	Name in Full	Title / Official Position
<b>States</b>		
Egypt	Mona Ahmed Arafa Ramadan	General Manager Aircraft Accident Investigation
Egypt	Mohamed Akram Fahmy Galal	General Manager Safety Recommendations
Jordan	Abdallah Falah Al Samarat	Subject Expert / Advisor aircraft accident and incident investigation
Jordan	Elham Mohammed AL Rawashdeh	Director of Aircraft Accident Investigation Administration
Italy	VITTORIO BORSI	AIR SAFETY INVESTIGATOR
Kuwait	Heeder F. Abulhasan	Civil Engineer
Kuwait	Abdellateef Waleed Almunayes	Investigator in training
Mauritania	Mohamed Lehdhana	
Morocco	Mohamed BELKOURATI	technical investigator, Responsible for the prevention of civil aviation accidents
Morocco	BAGACHOUL MOURAD	Enquêteur des accidents d'aviation civile
Morocco	El hantit Benachir	Bureau enquete et analyse Maroc BEA-M
Oman	SULIAMAN SAID HAMDAN AL RASHDI	ENGINEER/AIR ACCIDENT INVESTIGATOR
Oman	Mrs. Ziyana Ali Saud Al Said	Air Accident Investigator
Saudi Arabia	Capt. Tai Alshammari	CEO
Saudi Arabia	Capt. Fahad ibne Masood, MRAeS	Faculty - Aviation
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Saudi Arabia	Abdullah H. Bakr	
Saudi Arabia	Mohanad N. Bindablan	
Saudi Arabia	Abdulmajeed Awadh Allah Almoabadi	Specialist, Safety & Quality
Saudi Arabia	Saleh Saud AlMosibeeh	Safety Performance and Assurance
Saudi Arabia	Abdulrahman Alsayegh	Aerodrome Safety Compliance Senior Specialist
Saudi Arabia	Abdulelah Felemban	Acting EVP of safety investigations and research



Saudi Arabia	Abdulrahman A.Alshaya	VP of Shared Services
Saudi Arabia	Albaraa Naser	Acting VP of Engineering Research and Studies
Saudi Arabia	Majed Dardeer	GM of Strategy and organizational Excellence
Saudi Arabia	Omar Sonbol	Acting GM of Operations Control Center
Saudi Arabia	Hisham AL-Draiby	Acting GM of Safety Recommendations
Saudi Arabia	Capt. Mohammed Berenji	Aviation investigation consultant
Saudi Arabia	Wael Rajkhan	Aviation investigation
Saudi Arabia	Tawfik Alkushi	Aviation investigation
Saudi Arabia	Fahad Fadhel	Aviation investigation
Saudi Arabia	Waill Daghistani	Safety Recommendation Department
Saudi Arabia	Capt. Meshal Alzahrani	Safety Recommendation Department
Saudi Arabia	Abdullah Bakhsh	Acting Director of Road investigation
Saudi Arabia	Abdulaziz Alaskar	Road Investigation
Saudi Arabia	Sanad Alghamdi	Road Investigation
Saudi Arabia	Talal Aljohani	Engineering Lab
Saudi Arabia	Nawaf Aldabyani	Corporate communication
Saudi Arabia	Lolwa Albalawi	Corporate communication
Saudi Arabia	Abdulaziz Alghamdi	Corporate communication
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UAE	Khalifa yousif aljazi	Captain
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