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

(MENA ARCM Committee/4)

(Rabat, Morocco, 10-12 July 2023)

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

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PART I – HISTORY OF THE MEETING

1. PLACE AND DURATION

1.1   The Fourth Meeting of Middle East North Africa Aircraft Accident and incident Investigation Regional Cooperation Mechanism (MENA ARCM) Committee and Workshop was held at ***Rabat, Morocco, from 10 to 12 July 2023***. The workshop theme: *"The Prevention of Aircraft Accidents and Incidents through the Collection & Analysis of Safety Data & Safety Information"*.

2. OPENING

2.1   The meeting was opened by Capt. Aysha Mohammed Al Hamil, Assistant Director-General - Air Accident Investigations, UAE who welcomed all the participants to Morocco and thanked them for their participation.

2.2   Capt. Aysha also encouraged States which did not yet join the MENA AIG Regional Cooperation Mechanism (MENA ARCM) to join and support the MENA ARCM.

2.3   Finally, Capt. Aysha thanked all the participants for their attendance and wished the meeting every success in its deliberations.

3. ATTENDANCE

3.1   The meeting was attended by a total of Thirty six (36) participants from nine (9) MENA ARCM Member States (Iraq, Kuwait, Libya, Mauritania, Morocco Oman, Saudi Arabia, UAE, and Yemen), one (1) from other States (Qatar) and Four (4) Organizations (ACAO, ECAC, ICAO, and IFALPA). The list of participants is at **Attachment A**.

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:

Agenda Item 1:   Adoption of the Provisional Agenda

Agenda Item 2:   Regional Performance Framework

- Updated Progress on Areas of Cooperation

- Update on MENA ARCM Technical Assistance

- MENA ARCM Shared folders and online platform update

- RASG-MID/10 outcome

- ICAO Annex 19 Amendment 2 Proposals

Agenda Item 3:   Workshop: "The Prevention of Aircraft Accidents and Incidents through the Collection & Analysis of Safety Data & Information".

Agenda Item 4:   Future Work Programme

Agenda Item 5:   Any other Business

7. CONCLUSIONS AND DECISIONS – DEFINITION

7.1   The MENA ARCM Committee/4 records its actions in the form of Conclusions and Decisions with the following significance:

a) **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

b) **Decisions** relate solely to matters dealing with the internal working arrangements of the Group and its subsidiary bodies.

PART II: REPORT ON AGENDA ITEMS

REPORT ON AGENDA ITEM 1: ADOPTION OF THE PROVISIONAL AGENDA

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

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

REPORT ON AGENDA ITEM 2:   REGIONAL PERFORMANCE FRAMEWORK

2.1   The subject was addressed in PPT/1 & 2 & 3 presented by the MENA ARCM Coordinator. The meeting was apprised with appreciation of the work progress achieved on the MENA ARCM database management and Technical Assistance.

Updated Progress on Database

2.2   The meeting was informed about the analysis of the responses provided by the States on the database questionnaire.

2.3   The analysis shows that nine (9) States out of the 14 Member States responded to the questionnaire and provided an updated information. Therefore, MENA ARCM States which did not so are urged to complete and send the questionnaire to the MENA ARCM Coordinator at the earliest.

2.4   The (7) seven areas and (26) twenty-six subareas of cooperation were presented including human resources and technical capabilities of the Member States.

Update on MENA ARCM Technical Assistance Process

2.5   The meeting agreed to establish a Logo for MENA ARCM to strengthen the MENA ARCM identity. In addition, the meeting noted that The MENA ARCM Member States are invited to send their Logo proposals to the MENA ARCM Coordinator by the end of September 2023 for consideration. The MENA ARCM Chair persons, coordinator, ACAO and ICAO will select the appropriate one.

2.6   The meeting noted that IFALPA kindly offered the use of IFALPA Training capabilities for the purpose of aircraft accident investigation.

2.7   The meeting was informed that a biannual MENA ARCM progress status report to be submitted to the Chairpersons by the MENA ARCM Coordinator for their perusal. Then once finalized, it will be circulated to the MENA ARCM Members for information.

2.8   The meeting noted with appreciation the updated progress on MENA ARCM Technical Assistance process. In order to assess the effectiveness of such process, it was decided the use of onsite training case between the Moroccan AIB and KSA AIB for trial.

2.9   The meeting was also informed that the MENA ARCM Technical Assistance Standard Operation procedures (SOP) is being developed and will be shared by the MENA ARCM Coordinator.

Shared folders and online platform update

2.10   The meeting noted that ACAO established an online Share-folder for data collection and management. A demonstration of the share-folder has been provided in order to familiarize the users with the tool.

2.11   The meeting was informed that for ease of the use of the share-folder, a testing phase will be organized in the upcoming months including awareness virtual training.

2.12   The meeting agreed to allow the sharing of future events via the share-folder as requested by Oman.

2.13   The meeting noted that the technical assistance Form will continue to be used through emails awaiting the official launch of the use of the share-folder.

2.14   The meeting agreed that the Share-folder access and use be only limited for MENA ARCM Member States considering the data sensitivity and protection.

2.15   The meeting noted that the cost estimation related to the MENA ARCM online database platform to be prepared by MENA ARCM Coordinator, ACAO, and ICAO and be shared with Chairpersons by the end of the 2023 for consideration.

2.16   The meeting agreed that the States which will be hosting the upcoming MENA ARCM meetings may consider the establishment of the interpreter system from English language to Arabic language during the meetings.

2.17   The subject was addressed in PPT/4 presented by the Secretariat.

RASG-MID/10 Meeting Outcome

2.18   The meeting was informed about the outcome of RASG-MID/10.

2.19   The meeting recognised the importance of AIG personnel participation on the RASG-MID meetings and requested the ICAO MID office to extend the invitation letter to the accident investigation authorities (AIAs) to attend and participate in the upcoming RASG-MID meetings. For the aircraft accident investigation managed under CAAs, it will be indicated in the SLs the extension of the invitation for the AIG personnel as well to participate in the RASG-MID meetings.

2.20   The meeting agreed that a WP to address the subject will be presented by the Chairperson during the upcoming RASG-MID/11 meeting.

ICAO Annex 19 Amendment 2 Proposals

2.21   The subject was addressed in PPT/5 presented by the Secretariat and ACAO

2.22   The meeting was informed on the latest update on Safety Management activities, including the content of Amendment 2 to Annex 19 and the 5th edition of the Safety Management Manual ICAO Doc 9859.

REPORT ON AGENDA ITEM 3: WORKSHOP

The Prevention of Aircraft Accidents and Incidents Through the Collection & Analysis of Safety Data & Safety Information

3.1   The Fourth Meeting of Middle East North Africa Aircraft Accident and incident Investigation Regional Cooperation Mechanism (MENA ARCM) Committee was held at Rabat, Morocco from 10 to 12 July 2023 back-to-back with *"The Prevention of Aircraft Accidents and Incidents through the Collection & Analysis of Safety Data & Information"* Workshop.

3.2   The workshop was opened by his Highness Mohamed Abdeljalil, Minister of Transport & Logistics of Morocco and Capt. Aysha Mohammed Alhameli, Assistant Director-General - Air Accident Investigations, UAE.

3.3   The workshop was attended by a total of hundred and twelve (112) participants from nine (9) MENA ARCM Member States (Iraq, Kuwait, Libya, Mauritania, Morocco, Oman, Saudi Arabia, UAE, and Yemen), one (1) observer State (Qatar) and sixteen (16) Organizations & industry (ACAO, ACRs, Air Arabia, ATI Industry, Boeing, DT-RAM, EASA, ECAC, Escadron aérien de la Gendarmerie Royale, Forces Royales Air, Heliconia Maroc, ICAO, IFALPA, ONDA, RAMEXPRES, and Royal Air Maroc,). FAA and SAM ARCM supported the workshop virtually.

3.4   Experts and authorities from States, international organizations, and industry discussed the challenges faced in the collection of safety data & safety information and explored various aspects of safety data collection and analysis.

3.5   The event included speeches, presentations, and discussions on topics such as the establishment of safety data collection and analysis, safety culture, risk analysis techniques and safety risk management, FAA Aviation Safety Information Analysis and sharing System (ASIAS), EASA Data For Safety (D4S), and Collection & Analysis of Safety Data in South America (ARCM-SAM).

3.6   The Workshop provided a forum for experts to exchange ideas and best practices to enhance aviation safety worldwide and best practices.

3.7   The Workshop also highlighted that advanced technologies and digital systems provide us with real-time monitoring, maintenance records, flight data, and numerous other valuable sources. Nevertheless, having data alone is not enough. The participants noted that we must develop robust frameworks and mechanisms to collect, collate, and analyse the safety information effectively.

3.8   The Workshop also urged states and industry to embrace a culture of data-driven safety, create and promote a non-punitive safety culture, and foster a culture of transparency and collaboration among all stakeholders.

REPORT ON AGENDA ITEM 4:   FUTURE WORK PROGRAMME

4.1   The subject was addressed in WP/2 presented by the Secretariat.

4.2   The meeting noted with appreciation that Sultanate Oman offered to host the MENA ARCM Committee/5 and AIIG/3 meetings and tentatively scheduled to be held during the Second Quarter of 2024.   The venue will be in Muscat, Oman. The dates of the meetings will be coordinate by the Secretariat with Chairpersons.

MENA ARCM/4 Meeting
(Rabat, Morocco, 10 July 2023)

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