International Civil Aviation Organization

Accident and Incident Investigation Group

First Meeting (AIIG/1)
(Virtual Meeting, 7-9 September 2021)

Agenda Item 2:   **Regional Performance Framework**

SHARING SAFETY RECOMMENDATIONS

(Presented by the United Arab Emirates)

SUMMARY

This paper presents the Sharing of Safety Recommendations related to Accidents and Serious Incidents questionnaire for review and process by the AIIG/1 virtual meeting

Action by the meeting is at paragraph 3

1. **INTRODUCTION**

1.1   The RSC/6 meeting agreed to form a Safety Enhancement Initiative (SEI) to be considered by RASG-MID to enhance sharing of safety recommendations and to establish a regional database, which would be beneficial for addressing the Focus Areas and Emerging Risks in the MID-Region.

1.2   Thereafter, a working paper (WP/10) was presented to the Safety Support Team (SST/5) meeting that took place in February 2019. The meeting discussed and approved the proposal to establish a MID-Region repository to facilitate sharing and analysis of safety recommendations and issued by the regional States.

1.3   Accordingly, a taskforce was formed for the purpose of conducting a survey aiming at identifying the MID-Region States' interest in such cooperation. A questionnaire was developed for this purpose (attached to this working paper), but with no further processing.

2. **DISCUSSION**

2.1   Safety recommendations are not mandatory by their nature, therefore it is a major challenge to the State conducting the investigation to formulate in the Final Report effective safety recommendations that are persuasive to the addressees to assure their desired attention, and consequently appropriately implemented.

2.2   Safety recommendation is the outcome of the investigation. The lack of safety recommendations implementation is indication of inefficient utilization of resources allocated for the conduct of the investigation.

2.3   This challenge urged the States to develop and implement remarkable improvements to their safety recommendation regulations and standards, guidance, operations systems, and datasets. All these improvement measure are accomplished aiming at enhancing the probability of a safety recommendation to be accepted by the addressee and consequently implemented.

2.4   ICAO also emphasizes on developing adequate Standards and guidance material for safety recommendations. Annex 13 had gone through several amendments to the provisions related to safety recommendations, and the latest was amendment 17 (*Note* to Standard 6.8) which encourages the State conducting the investigation to consult the draft safety recommendations with other States. It reads:

> "Note.— Nothing in this Standard is intended to preclude the State conducting the investigation from consulting States participating in the investigation on its draft safety recommendations, inviting their comments on the appropriateness and effectiveness of these recommendations."

2.5   ICAO also requires States to inform the Accident Investigation Section of the ICAO Air Navigation Bureau of issued Safety Recommendations of Global Concern (SRGC), as well as the responses received to these recommendations. Amendment 18 added a new definition and Standard for SRGC. The new Standard reads:

> "6.9.1 A State issuing a safety recommendation of global concern (SRGC) shall inform ICAO of the issuance of that recommendation and its responses in dated transmittal correspondence, even when the SRGC is not addressed to ICAO."

2.6   A bigger size safety recommendations database can assist States in carrying out more precise and comprehensive analysis, which will enhance their capabilities in formulating more effective safety recommendations, and exponentially improve their State-level risk management. A regional-level dataset will be useful for considering the similarity of the operational environment and commonality of hazards and risks among the regional States.

2.7   The MID-Region States can utilize the MENA ARCM for managing safety recommendations issued by the MID States at the regional level. As a cornerstone for this activity, a State may volunteer to host a joint-dataset/repository in its website.

2.8   The preferable means/media for sharing the safety recommendations and posting them to the joint-dataset/repository can be determined based on the survey outcomes. For this purpose, a questionnaire is developed at **Appendix A** for collecting data pertinent to the States current capabilities and their interest in exchanging safety recommendations through a centralized platform.

2.11   It is recommended that the joint-dataset/repository provides member States with full visibility of the safety recommendations, illustrates the safety recommendations origins, and mentions the type of addressed organizations (NAA, air operator, maintenance organization, design organization, manufacturer, airport, ANS, etc.) with appropriate de-identification. However, this mechanism needs effort, focus, and human resources from the States especially from the State hosting the repository.

3. **ACTION BY THE MEETING**

3.1   The meeting is invited to:

    a) discuss and approve the proposal to establish a repository for MID-Region States to allow sharing and analysis of their safety recommendations; and

    b) include the operational system of this repository within in the MENA ARCM.

APPENDIX A

**Questionnaire on Establishing a Platform for
Sharing Safety Recommendations Issued by the MENA States**

Introduction:

You are kindly requested to answer the following questions regarding the State interest and readiness in sharing safety recommendations issued in the Final Reports and any other documents. The outcomes of this survey will assist the taskforce in evaluating the tendency of States, and determining the scope of and shape of the sharing media and the type of database.

State Name:

Name of AIG Organization:

No.	Question	State Reply
1	Does the State have in place regulations relevant to monitoring safety recommendations implementation?	☐ Yes ☐ No If the answer is "Yes", kindly mention the reference: ………………………………………………………… ……….
2	Does the State have in place a guidance and system for how to formulate and address the safety recommendation and monitor its implementation?	☐ Yes ☐ No If the answer is "Yes", kindly mention the reference and the tool utilized: ………………………………………………………… ……….
	If the answer is "Yes", kindly evaluate conformance of the State's guidance with the guidance of ICAO Doc 9756, Part IV, paragraph 1.6, and Appendices 1 and 6 to Chapter 1.	☐ Yes ☐ No If the answer is "Yes", kindly mention the reference: ………………………………………………………… ……….
3	Is your State interested in sharing Final Reports of accidents and serious incidents investigations with other MENA States?	☐ Yes ☐ No
	If the answer is "Yes", what is the State's preferred medium for sharing the Report?	☐ Website ☐ E-mail ☐ Other: ………………………………………………………… ………….
4	Check which of following components does the safety recommendation issued by the State comprise of?	☐ Description of the hazard identified by the investigation ☐ Description of the risk associated with the hazard ☐ The failed risk controls ☐ The recommended risk mitigation actions; and ☐ Identified addressee
5	Is your State interested in sharing information about safety recommendations with other MENA States?	☐ Yes ☐ No
	If the answer is "Yes", does the State prefer to share the safety recommendations as they are stated in the report or revised to another format?	☐ As stated ☐ Revised [If revised explain how]…………................................... ………………………………………………………… ……….

		……………………………………………………………………………
	If the answer is "Yes", what is the State's preferred medium for sharing the safety recommendation?	☐ E-form in the website ☐ E-mail ☐ Other: ……………………………………………………………………………
6	In your opinion, how often should sharing occur?	☐ Monthly ☐ Quarterly ☐ Semi-annually ☐ Annually
7	Describe how the State's safety recommendations are linked to the State Safety Program	Description: ………………………………………………………………………
8	Do you agree to conduct periodic meetings to review the progress of safety recommendations with other States?	☐ Yes ☐ No

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