



International Civil Aviation Organization

**Third Meeting of the RASG-MID Steering Committee
(RSC/3)**

(Cairo, Egypt, 9 – 11 December 2014)

Agenda Item 3: Regional Performance Framework for Safety

**ESTABLISHMENT OF THE ACCIDENTS AND INCIDENTS ANALYSIS
WORKING GROUP (AIA WG)**

(Presented by the Secretariat)

SUMMARY

This paper highlights the need to establish a working group within the RASG-MID framework to review, analyse and categorize on annual basis the accidents and incidents that occurred in the MID Region or involved an operator or an aircraft from the MID Region.

Action by the meeting is at paragraph 3.

1. INTRODUCTION

1.1 The ICAO-HQ established the Safety Indicators Study Group (SISG) with the objective to provide an agreed dataset of accidents and serious incidents on an annual basis.

1.2 The MID Annual Safety Report Team (MID-ASRT) was established to gather safety information from different available sources to determine the main aviation safety risks and Focus Areas (FAs) in the MID Region and develop the MID Annual Safety Reports (MID-ASR).

2. DISCUSSION

2.1 In the MID-ASR, the reactive safety information section represents the largest portion of the report. It contains accident data provided from different sources in order to conclude the Focus Areas (main killers) in the MID Region. Some differences have been identified between the safety information provided by the participating organizations due to the use of different criteria and classifications of accidents.

2.2 At the level of ICAO-HQ, aircraft accidents and serious incidents are reviewed and categorized by the ICAO Safety Indicators Study Group (SISG) using the definition provided in Annex 13 to the Chicago Convention—Aircraft Accident and Incident Investigation. A Regional feedback concerning the accidents and serious incidents would also be beneficial and helpful to the SISG.

2.3 It is very important that all stakeholders in the MID Region meet together on annual basis to review, analyze and categorize the accidents and incidents that occurred in the Region or involved an operator or aircraft from the Region.

2.4 Based on the forgoing, it is proposed that an Accidents and Incidents Analysis Working Group (AIAWG) be established under the MID Annual Safety Report Team (MID-ASRT) to review, analyse and categorize on annual basis the accidents and incidents concerning the MID Region and provide an agreed and harmonized Regional dataset of accidents and incidents. This Group would also, to the extent possible, identify the main root causes and contributing factors of the reviewed accidents and incidents. Draft Terms of Reference for the AIA WG are at **Appendix A**. Accordingly, the meeting may wish to agree to the following Draft Decision:

DRAFT DECISION 3/XX: ACCIDENTS AND INCIDENTS ANALYSIS WORKING GROUP (AIAWG)

*That, the Accidents and Incidents Analysis Working Group (AIA WG) be established with Terms of Reference (TORs) as at **Appendix x**.*

2.5 The AIA WG should be composed of Experts from the ATM and safety fields with good knowledge and experience in Accident and Incident Investigation (AIG), including the ADREP Taxonomy and ECCAIRS. Accordingly, the meeting may wish to urge States and Safety Partners to appoint members to the AIA WG with required experience and expertise in order to actively support the work of the AIA WG. The work of the AIA WG should be closely coordinated with the appropriate subsidiary bodies of MIDANPIRG.

2.6 The meeting may wish to recall that the MID-ASRT highlighted that reporting of accidents and incidents is very low in the MID Region, which underlines the need for regional cooperation to enhance reporting culture including the establishment of a regional safety database.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) agree on the Draft Decision in paragraph 2.4 above;
- b) review and update, as deemed necessary, the draft Terms of Reference of the AIA WG at **Appendix A**;
- c) urge States and Safety Partners to appoint members to the AIA WG with required experience and expertise in order to actively support the work of the AIA WG; and
- d) initiate discussion on the need and feasibility of establishing a MID Region safety database.

APPENDIX A

ACCIDENTS AND INCIDENTS ANALYSIS WORKING GROUP (AIA WG)

TERMS OF REFERENCE

A) PURPOSE OF THE AIA WG:

The AIA WG is established to review, analyse and categorize on an annual basis the accidents and incidents that occurred in the MID Region or involved an operator or an aircraft from the MID Region for all kind of operations, including but not limited to commercial/non-commercial, scheduled/non-scheduled, general aviation and helicopters.

In order to meet its Terms of Reference, the AIA WG shall:

- 1) gather information from different available sources on the accidents and incidents that:
 - a) occurred in the MID Region (State of Occurrence);
 - b) involved aircraft registered in the MID Region (State of Registry); or
 - c) involved aircraft belonging to an Air Operator from the MID Region (State of the Operator).
- 2) review, analyse and categorize the accidents and incidents using the definition provided in ICAO Annex 13 and ADREP/ECCAIRS Taxonomy,
- 3) develop an agreed and harmonized MID Regional dataset of accidents and incidents and provide feedback to the ICAO Safety Indicators Study Group (SISG);
- 4) identify, to the extent possible, the root causes and contributing factors in order to support the MID-RAST in the development of mitigation measures;
- 5) provide necessary information on accidents and incidents to the MID-ASRT for the development of the MID Annual Safety Report; and
- 6) share the outcome of its meetings with the concerned MIDANPIRG subsidiary bodies, as appropriate.

B) COMPOSITION:

The Working Group is composed of of Experts from the ATM and safety fields with good knowledge and experience in Accident and Incident Investigation (AIG), including the ADREP Taxonomy and ECCAIRS, nominated by:

- a) RASG-MID Member States; and
- b) Partners-
 - i. IATA, IFALPA, IFATCA, and FAA; and
 - ii. other representatives from industry and user Organizations could participate as observers, whenever required.

C) ROLES AND RESPONSIBILITIES:

- AIA WG Chairperson – Coordinate the WG activities and provide overall guidance and leadership;
- Member States and Partners – Provide technical expertise and collaborate in the collection and analysis of data; and
- ICAO – Provide Secretariat services and necessary support.

D) ROLES AND RESPONSIBILITIES:

- AIA WG Chairperson – Coordinate AIA WG activities and provide overall guidance and leadership;
- AIA WG Focal Points- Specialists in the AIG related subjects, particularly the analysis of accidents and incidents data in order to actively participate in and contribute to the work of the AIA WG; and
- ICAO – Support

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