



*International Civil Aviation Organization*

**RASG-MID Steering Committee**

**Fourth Meeting (RSC/4)**  
*(Cairo, Egypt, 15 – 17 December 2015)*

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**Agenda Item 3: Regional Performance Framework for Safety**

**THE ACCIDENT AND INCIDENT ANALYSIS WORKING GROUP (AIA WG)**

*(Presented by the Secretariat)*

**SUMMARY**

The RASG-MID/4 meeting established the AIA WG to review, analyse and categorize on annual basis the accidents and incidents at the regional level and provide an agreed and harmonized regional dataset of accidents and incidents.

Action by the meeting is at paragraph 3.

**REFERENCES**

- The RASG-MID/4 meeting Report

**1. INTRODUCTION**

1.1 The RASG-MID/4 meeting (Jeddah, Saudi Arabia, 30 March-1 April 2015) recognized the need to establish a working group to review, analyse and categorize on annual basis the accidents and incidents at the regional level and provide an agreed and harmonized regional dataset of accidents and incidents. It was highlighted that this Group would also, to the extent possible, identify the main root causes and contributing factors of the reviewed accidents and incidents. Accordingly, the meeting agreed to the following Decision:

*DECISION 4/5: ACCIDENT AND INCIDENT ANALYSIS WORKING GROUP (AIA WG)*

*That, the Accidents and Incidents Analysis Working Group (AIA WG) be established with Terms of Reference (TOR) as at **Appendix 3B**.*

1.2 The AIA WG should be composed of safety experts, from relevant fields such as flight safety, Aerodromes and ANS, with grounded knowledge and experience in Accident and Incident Investigation (AIG), including the ADREP Taxonomy and ECCAIRS, nominated by the RASG-MID Member States and Partners. Accordingly, the meeting urged States and Safety Partners to appoint members with required experience and expertise to the AIA WG, in order to actively support its work. The AIA WG's TOR is at **Appendix A**.

## **2. DISCUSSION**

2.1 At the level of ICAO Headquarters, 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. The objective is to provide an agreed dataset of accidents and serious incidents on an annual basis. It is to be highlighted that accidents and serious incidents are given one or more of Occurrence Categories (using ADREP taxonomy). Some accidents and incidents are classified as “Unknown”, which need to be reviewed and categorized.

2.2 In case of more than one Occurrence Category are given to an event, no decision is made by the SISG on which would be the Primary or Risk Category. The Risk Category are placed on the ICAO iSTARS (ADREP et al.) application, which provides the official ICAO accident and incidents statistics used for the development of the ICAO Safety Reports. In this regard, the AIA WG should review the Occurrence Categories and determine and agree on the applicable Risk Categories to be published on iSTARS.

2.3 In order to ensure consistent analysis and avoid duplication, the AIA WG should consider the global dataset established by SISG when developing the MID Regional dataset and provide feedback to the SISG.

2.4 In this regard, a Regional ECCAIRS Database maybe established and maintained by the AIA WG. The Database would contain the accidents and incidents that are collected and categorized by the AIA WG. This Database should be also shared with the SISG.

2.5 It is to be highlighted that it is very important to analyse accidents and incidents and identify the root causes and contributing factors in order to support the development of mitigation measures for the Focus Areas (FAs) as well as the Emerging Risks in the MID Region.

2.6 The First meeting of AIA WG is scheduled to be held in Cairo, Egypt, 29-31 March 2016.

## **3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) support the AIA WG and provide the required expertise; and
- b) provide guidance related to the proposed work of the AIA WG, as needed.

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## 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 which involved an aircraft registered in the MID Region or owned and/or operated by an Air Operator from the MID Region, for all types of operations, including but not limited to commercial/non-commercial, scheduled/non-scheduled and general aviation.

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 owned and/or operated by an Air Operator from the MID Region (State of the Operator).
- 2) review, analyse and categorize the accidents and incidents using the definitions and descriptions 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 Safety experts from relevant fields such as flight safety, Aerodromes and ANS, with grounded knowledge and experience in Accident and Incident Investigation (AIG), including the ADREP Taxonomy and ECCAIRS, nominated by RASG-MID Member States and Partners.

##### C) 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.