



*International Civil Aviation Organization*

**Regional Aviation Safety Group - Middle East**

**Fourth Meeting (RASG-MID/4)**

*(Jeddah, Saudi Arabia, 30 March - 1 April 2015)*

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

**EMERGING RISKS AREA**

*(Presented by the Secretariat)*

**SUMMARY**

Emerging Risks (low priority), which are not identified as Focus Areas (FAs) or main risk in the MID Region, are addressed under the “Emerging Risks Area” within the MID-RAST.

This paper provides updates on the Emerging Risks in the MID Region and the related activities.

Action by the meeting is at paragraph 3.

**REFERENCES**

- RASG-MID/3

**1.       INTRODUCTION**

1.1           The RASG-MID/3 meeting (Kuwait, 27 - 29 January 2014) noted that, although the MID-RAST has been established mainly for the development, implementation and monitoring of SEIs and DIPs related to the identified Focus Areas (FAs), a mechanism should be agreed upon to address other emerging areas (low priority) such as Call Sign Confusion and Laser Attacks. Accordingly, the meeting agreed that all emerging risks will be addressed under the “Emerging Risks Area” within MID-RAST.

1.2           The meeting may wish to note that the RSC/3 meeting (Cairo, 9-11 December 2014) appointed Mr. Badr A. Alharbi, Aviation Safety Specialist, General Authority of Civil Aviation, Saudi Arabia as the new Coordinator for the Emerging Risks Area.

**2.       DISCUSSION**

***In-Flight Damage (IFD)***

2.1           The meeting may wish to recall that although the In-Flight-Damage (IFD) is no longer considered as one of the main risk areas (FAs) in the MID Region, implementation of the

developed DIP for the top priority SEI “Improve Aviation Safety in the MID Region through Mitigation of Birdstrike, Wildlife and FOD Hazards” was carried out in 2014.

2.2 It is to be highlighted that Wildlife and Foreign Object Debris (FOD) were identified as contributing factors to IFD and accordingly mitigation measures were developed including the organization of a Wildlife/FOD Workshop, which was held in Cairo, Egypt (24-26 March 2014) under the frame work of the RGS WG. Accordingly, further mitigation measures and action plans related to Wildlife and FOD will be addressed by the RGS WG.

### ***Call Sign Confusion***

2.3 The meeting may wish to note that although Call Sign Confusion and similarity has been identified as a safety issue by the RADG-MID/2 meeting, mitigation measures are now addressed under the MIDANPIRG framework in coordination with RASG-MID.

2.4 The RSC/3 meeting agreed that the follow-up on Call Sign Confusion and similarity be based on the outcome of the Call Sign Confusion Ad-hoc Working Group (CSC WG) established within the framework of MIDANPIRG.

2.5 The outcome of the First meeting of the Call Sign Confusion Ad-hoc Working Group (CSC WG/1) will be presented to the meeting in a separate working paper. DIPs should be developed based on the Recommendations provided by the CSC WG/1 meeting.

### ***Laser Attacks on Aircraft***

2.6 The meeting may wish to note that the RASG-MID/3 meeting, through Conclusion 3/3, agreed that a survey should be conducted under the MID-ASRT to collect additional information on the subject for the assessment of associated risks and development of mitigation measures. The results of the Laser Attacks analysis and survey are included in the Third MID-ASR.

2.7 In this regard, the RSC/3 meeting urged States to:

- 1) keep record of the Laser Attack incidents reported by the different stakeholders;
- 2) encourage voluntary reporting related to Laser Attacks; and
- 3) formalize the State actions against Laser Attacks and violations.

2.8 It is to be highlighted that the RGS WG is developing a new SEI and DIP related to Laser Attacks with Egypt as a Champion. Accordingly, the RSC/3 meeting agreed that Laser Attacks will be addressed under RGS WG taking into consideration the outcome of the Laser Attacks analysis and survey.

### ***Newly Identified Emerging Risks***

2.9 Third MID-ASR identified the following as new Emerging Risks in the MID Region, which should be addressed by the Emerging Risks Coordinator:

- 1) System/Component Failure or Malfunction-(SCF); and
- 2) Near miss (Airprox/TCAS Alert or Loss of Separation).

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) review the updates related to the Emerging Risks in the MID Region and related activities;
- b) agree that the follow-up on Call Sign Confusion and similarity be based on the outcome of the Call Sign Confusion Ad-hoc Working Group (CSC WG) established within the framework of MIDANPIRG;
- c) agree that Laser Attacks be addressed under RGS WG taking into consideration the outcome of the Laser Attacks analysis and survey;
- d) support the RSC/3 Recommendations in para. 2.7; and
- e) agree that the newly identified emerging risks (System/Component Failure or Malfunction (SCF) and Near miss (Airprox/TCAS Alert or Loss of Separation) be addressed under the Emerging Risks Area.

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