



International Civil Aviation Organization

**The Nineteenth Meeting of the Regional Airspace Safety Monitoring Advisory Group (RASMAG/19)**

Pattaya, Thailand, 27-30 May 2014

**Agenda Item 4: Airspace Safety Monitoring Documentation and Regional Guidance Material**

**LLE CATEGORY F and LHD CATEGORY E ERROR DESCRIPTIONS**

(Presented by PARMO/United States)

**SUMMARY**

This paper presents suggested wording to clarify the LLE error descriptions for category F. This paper also contains a suggestion to clarify the error description associated with LHD category E resulting from time errors.

**1. INTRODUCTION**

1.1 The First Meeting of the Regional Airspace Safety Monitoring Advisory Group Monitoring Agencies Working Group (RASMAG/MAWG/1) was held from 2-6 December 2013. The meeting discussed how to categorize time error events. This paper provides RASMAG with the suggested clarification for category F for LLEs from MAWG/1. This paper also contains a suggestion to clarify the category E description for LHDs.

**2. DISCUSSION**

2.1 The MAWG/1 meeting discussed how to categorize time error events. These are events in which the flight crew fails to notify ATC when the time over next position is expected to vary by 3 minutes or more than the previously provided estimate. The MAWG/1 meeting agreed to the following re-wording of category F for LLEs:

Deviation Code	Cause of Deviation
<b>Deviation due to navigational errors</b>	
F	Navigation errors, including incorrect position estimate or equipment failure of which notification was not received by ATC or notified too late for action;

2.2 In addition, the meeting discussed the LHD category E for cases when the ATC transfer error involved a time error. This paper provides a suggestion to clarify the category E description for discussion, the suggested follows:

Deviation Code	Cause of Deviation
Operational Errors	
E	Coordination errors in the ATC-unit-to-ATC-unit transfer of control responsibility as a result of human factors issues (e.g. late/ <del>or</del> non-existent coordination, <del>or incorrect</del> time estimate/ <del>actual</del> , flight level, <del>or</del> ATS route <del>information-etc</del> not in accordance with agreed parameters);

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) provide comments on the suggestions for re-wording the two category descriptions; and
- c) modify the existing category descriptions contained in the relevant Asia Pacific documentation.

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