



*International Civil Aviation Organization*

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

Pattaya, Thailand, 27 - 30 May 2014

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

**CATEGORY E LARGE HEIGHT DEVIATION ILLUSTRATION**

(Presented by Monitoring Agency for Asia Region)

**SUMMARY**

This paper presents an illustration of category E large height deviation (LHD), which is the major cause of LHDs in the Asia Region. This material will be used to assist States in identifying Category E LHDs and duration more effectively.

This paper relates to –

**Strategic Objectives:**

A: *Safety* – Enhance global civil aviation safety

**Global Plan Initiatives:**

GPI-2 Reduced vertical separation minima

**1. INTRODUCTION**

1.1 During the course of safety assessment, MAAR found some disparities in the number of Category E LHD reports from States in the regions. In order to resolve the inconsistencies, MAAR created an illustration to promote a common understanding of such LHD, and presented it to the 1st meeting of the Regional Airspace Safety Monitoring Advisory Group Monitoring Agency Working Group (RASMAG/MAWG/1) held in Honolulu, Hawaii, USA, during 2-6 December 2013.

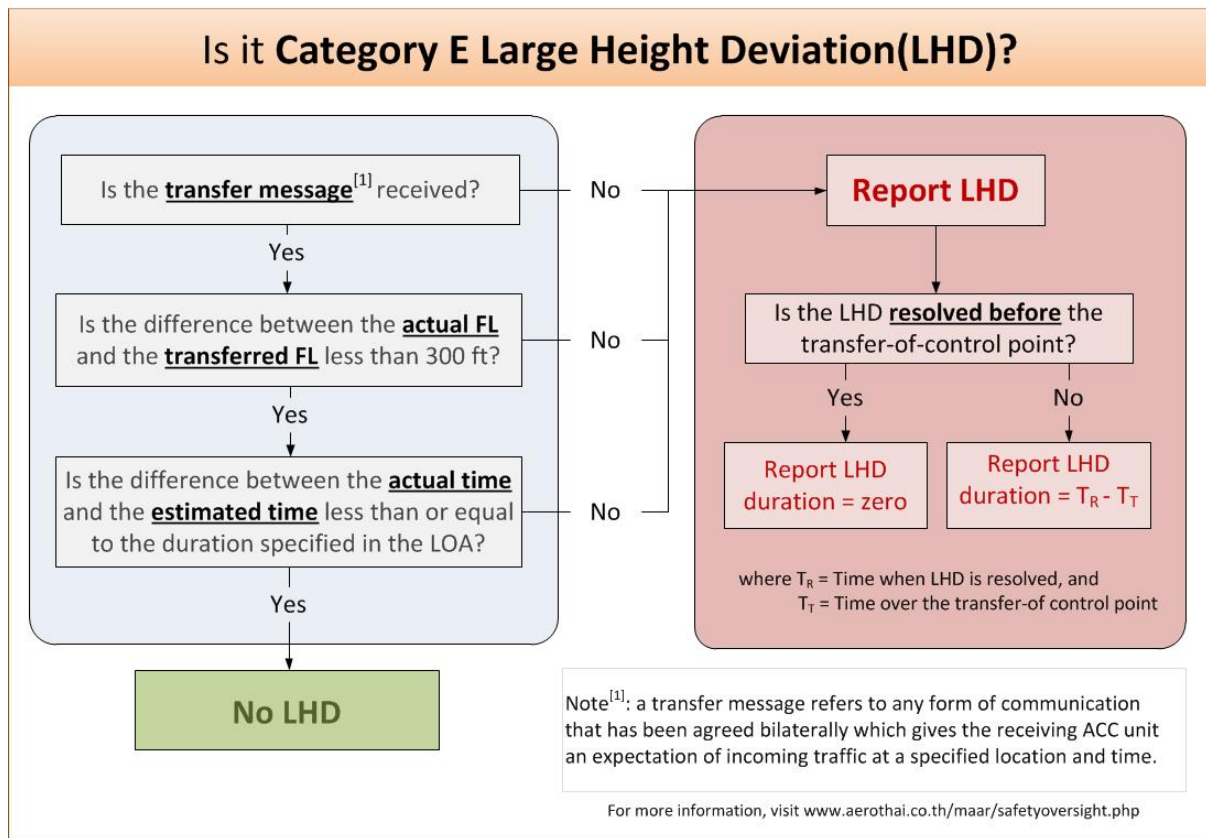
1.2 RASMAG/MAWG/1 congratulated MAAR on taking this initiative and endorsed the format and content with some suggestion on the calculation of LHD duration.

1.3 RASMAG/MAWG/1 also proposed MAAR to develop the illustration into a poster type format and present it to RASMAG/19 for endorsement and to identify a suitable means by which the information could be distributed to States and ANSPs.

**2. DISCUSSION**

2.1 MAAR incorporated the suggestions from RASMAG/MAWG/1 and reformatted the illustration into a poster suitable for distribution, as shown in Figure 1.

2.2 MAAR hopes that the illustration will help improve States' understanding of category E LHDs and consequently report them to their respective RMA based on a common guideline.



**Figure 1: Illustration of Category E LHD**

**ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information contained in this paper,
- b) review and endorse the illustration of Category E LHD (Figure 1),
- c) identify a suitable means by which the information could be distributed to States and ANSPs, and
- d) discuss any relevant matters as appropriate.

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