



International Civil Aviation Organization

CAR/SAM Regional Planning and Implementation Group (GREPECAS)

Sixth Meeting of the GREPECAS Aerodrome and Ground Aids/Aerodrome Operational Planning Subgroup (AGA/AOP/SG/6)

San Jose, Costa Rica, 23 to 27 June 2008

AGA/AOP/SG/6-WP/05

7/05/08

Agenda Item 3: Review of AGA Deficiencies

3.3 Aerodrome maintenance

AERODROME MAINTENANCE

(Presented by the Secretariat)

SUMMARY

This working paper draws the attention of the members of the AGA/AOP/SG to the need to take new actions in order to provide the States/Territories with tools to improve aerodrome maintenance as a whole. The purpose of such action is to contribute to the enhancement of aerodrome/aircraft safety.

References:

- Final report of the AGA/AOP/01 meeting, Freeport, Bahamas, 12-15 June 2001;
- Final report of the AGA/AOP/02 meeting, Lima, Peru, 26-29 August 2002;
- Final report of the AGA/AOP/03 meeting, Monterrey, Mexico, 30 September to 3 October 2003;
- Final report of the AGA/AOP/04 meeting, Mexico City, Mexico, 15-18 November 2004; and
- Final report of the AGA/AOP/05 meeting, Montevideo, Uruguay, 20-24 November 2006.

1. Introduction

1.1 The topic of aerodrome maintenance needs to be taken seriously by the AGA/AOP/SG, despite the efforts made by this Subgroup since its first meeting.

1.2 The AGA/AOP/3 and AGA/AOP/10 tasks, which were established at the first and fourth meetings of the Subgroup, respectively, refer to aerodrome maintenance. Therefore, in addition to the action already taken, as listed below, the Subgroup must define new challenges.

2. Discussion

2.1 Some of the main actions taken by the AGA/AOP/SG to improve aerodrome maintenance and help eliminate/mitigate deficiencies in this field are listed below:

- a) ICAO Seminar on Airport Pavement Maintenance and a Quick Course on Aircraft/Pavement Interaction, Santa Cruz de la Sierra, Bolivia, 22-27 July 2002;
- b) Establishment of ALACPA – Latin American and Caribbean Airport Pavement Association, Santa Cruz de la Sierra, Bolivia, 25 July 2002;
- c) ICAO-ACI/LAC International Seminar on Pavement Management Systems and Quick Course on Pavement Condition Index (PCI Method) for the CAR/SAM Regions, Lima, Peru, 19-25 November 2003.
- d) ICAO/FAA/ALACPA/ACI-LAC Seminar on Assessment/Rehabilitation of Airport Pavement Overlay Projects/Workshop on the New FAA Computer Program for the Design of Airport Pavement Overlay/Quick Course on Visual Aids to Air Navigation (NAM/CAR/SAM Regions – Americas), Lima, Peru, 12-17 November 2007.

2.2 ALACPA has worked very closely with ICAO to provide the necessary knowledge for pavement maintenance in runways, taxiways and aprons at CAR/SAM airports. However, closer coordination with this Association might be of more effective assistance to the States/Territories, through specific training on the wide variety of techniques available for pavement maintenance.

2.3 The maintenance of visual aids is another aspect that deserves the attention of the Subgroup, which might consider providing specific training in this area.

3. Suggested action

3.1 The meeting is invited to discuss this working paper and analyse new alternatives for the AGA/AOP/SG to improve aerodrome maintenance, not only in terms of pavements and visual aids, but also in terms of an analysis of aerodrome requirements as a whole.