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**Agenda Item 3: Review of AGA deficiencies**

**3.7 Information on the Latin American and Caribbean Association of  
Airfield Pavements (ALACPA) activities**

**REPORT ON ALACPA'S ACTIVITIES**

(Presented by ALACPA)

**SUMMARY**

This working paper describes the activities that the Latin American and Caribbean Airport Pavement Association (ALACPA) has developed.

**1. Introduction**

1.1 The Latin American Association of Airfield Pavements (known as ALACPA by the Spanish acronym) was reorganized at the 2007 General Assembly under a new Board of Directors, comprised of the following members:

- a) William Fullerton, President
- b) Gilberto Vasquez Alanis, Vice President
- c) Ivan Torralba Casas, Secretary and Treasurer
- d) Gustavo Fernandez Favaron, Administrative Director
- e) Gonzalo Rada, Technical Director
- f) Samuel Mora, Academic Director
- g) Fernando Ratto, Coordinator for Latin America and the Caribbean

1.2 The newly formed Board has revised the statutes of the Association, established the Association as ALACPA International, with a legal domicile of Lima, Peru, and registered its books for management of membership dues and other funds. In short, ALACPA is now an independent entity, in direct association with ICAO and ACI and in partnership with the FAA and other civil aviation authorities in the Latin American Caribbean region.

1.3 At present, ALACPA has 122 active members from 20 States in the CAR/SAM Regions and another 3 from different ICAO Regions. The focus of ALACPA remains, as always, on the challenges of planning, designing, constructing and maintaining Airfield Pavements, that provide a safe, efficient and predictable operating surface for air traffic.

**2. Purpose of ALACPA**

2.1 Support member states of the International Civil Aviation Organization (ICAO) in the fulfillment of norms and recommendations of that body, with regard to the planning, design, construction and maintenance of airfield pavements.

2.2 Provide assistance to public and private organizations, operators, airport administrators and all those involved in civil aviation, disseminating best practices for the planning, design, construction and maintenance of airfield pavements.

2.3 Hold annual seminars and participate with other international organizations such as ICAO, Airports Council International (ACI), the Federal Aviation Administration (FAA), International Federation of Airline Pilots Association (ALPA) and others, to present the results of studies and investigations in the area of airfield pavements, with the aim to exchange experiences and knowledge.

2.4 Encourage awareness and remediation of environmental impacts of airfield pavement activities.

2.5 Promote investigations, studies, workshops, seminars, courses, congresses, among others, pertaining to planning, design, construction, material selection, maintenance, and management systems for airfield pavements.

2.6 Conduct annual meetings of the association separately or in conjunction with the events and/or meetings of international organizations and their specialized working groups and task forces to present the results of studies and investigations conducted by the countries of the North American, Caribbean and South American regions, as well as with other countries in the world, with the aim to exchange experiences and knowledge.

2.7 Raise awareness of the importance of airfield pavements in the conduct of safe airport operations.

### **3. Pavement Seminar and workshop**

3.1 The annual ALACPA seminar is intended to provide a forum for presenting and discussing ideas, concepts and results from studies and investigations conducted and/or related to airport pavements. Its ultimate goal is the exchange of experiences and knowledge. The first seminar was held in Santa Cruz, Bolivia in July 2002. Subsequent seminars were held in Lima, Peru in November 2003, Bogotá, Colombia in September 2005 and Lima, Peru in November 2007.

3.2 The 2007 Seminar included a full agenda of speakers and panel discussions, as well as workshops on the design of runway overlays conducted by the FAA and maintenance of navigational aids conducted by CORPAC (Peru).

3.3 The upcoming seminar in Mexico City, Mexico will be the fifth such gathering and it promises to be extremely informative with 8 technical sessions covering a wide range of pavement issues, field demonstrations, a runway friction clinic and a FAARFIELD workshop. In addition, there will be an exhibit during the first two days of the seminar, where vendors can showcase their products. Managers, engineers, consultants, manufacturers, vendors and government officials from Latin America, the Caribbean and the U.S. who are involved with airport pavements should attend this seminar to exchange experiences and knowledge.

4. **Survey – Performance Based Specifications for HMA Pavements**

4.1 ALACPA supported Project 06-03, a project under the Airfield Asphalt Pavement Technology Program (AATPT) to conduct a series of interviews of various personnel involved with the design, construction, and management of airport pavements. The objective of these interviews was to capitalize on the experience of airport operators and airport pavement experts around the world in support of the development of a framework for performance-based specifications.

4.2 A list of 57 contacts was developed by the project team to provide for interview candidates. The interview candidates consisted of aircraft manufacturers, airport operators, military, consultants, government personnel, experts, and contractors. Eight (8) of the interview candidates were from internationally located agencies and included an aircraft manufacturer, airport operators, government agency personnel and consultants.

5. **Collaboration with Airports Council International – Latin America-Caribbean (ACI-LAC)**

5.1 ALACPA forged a partnership with the Operations, Technical and Safety Committee of ACI-LAC at that organization's General Committee's meeting in Medellin in April, 2008.

5.2 The collaborative activities which are part of the 2008 work plan for both organizations are as follows:

- a) Survey of pavement condition of region's major airports, including roughness and structural capacity.
- b) Survey of RESA status of region's major airports.
- c) Creation of friction testing information center.
- d) Prepare a comparative study of the construction safety programs for airside construction of major airports.

6. **New Web Site: [www.alacpa.org](http://www.alacpa.org)**

6.1 ALACPA's new website is completely updated and provides easy access for current and prospective members. In the future, all seminar papers and General Assembly proceedings will be available.

6.2 The current design includes the following:

- a) Institutional Page: Mission, vision and objectives, Board Members, introduction.
- b) Events: Information about upcoming events sponsored by ALACPA and related organizations.
- c) Technical Articles: Access to the technical library of ALACPA.
- d) Forum: Area for discussion and debate regarding technical aspects of airfield pavements.
- e) Membership information and application,
- f) Contacts.
- g) Links.

7. **Action suggested**

7.1 The Meeting is invited to take note of this working paper.