



International
Civil Aviation
Organization

Organisation
de l'aviation civile
internationale

Organización
de Aviación Civil
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Международная
организация
гражданской
авиации

منظمة الطيران
المدني الدولي

国际民用
航空组织

LT 3/3.4 – SA720

8 September 2008

To: Mr. Vincent Carmigniani, DIRAC French Guiana

Mr. Mohamed Zulficar, CAD Guyana
Mr. John Veira, CAD, Suriname

cc.: Mr. Philippe Guivarc'h, CSNA French Guiana
ICAORD, México

Subject: **Fifth Seminar and First Business Meeting on Airport Pavement – Third Workshop on FAARFIELD Pavement Design for North America, Central America, the Caribbean and South America (NAM/CAR/SAM)**
(Mexico City, Mexico, 27 to 31 October 2008)

Action required: **Reply by 15 October 2008**

Sir,

I have the honour to inform you that the International Civil Aviation Organization (ICAO), together with the Latin American and Caribbean Association of Airfield Pavements (ALACPA) and Instituto Politécnico Nacional (IPN) is organizing the above-mentioned events, which will be held in Mexico City from 27 to 31 October 2008. In this respect, I invite your Administration to participate in these events.

The Seminar/Workshop will provide an excellent opportunity to share ideas and to facilitate the exchange of information among participants from several parts of the world. For ease of reference, I am forwarding as **Appendix A**, the reasons why these events are being conducted. Special attention will be given to the newest technology for designing airfield pavements based on the research carried out in actual conditions by the FAA Technical Centre in Atlantic City, New Jersey.

For accomplishing these goals, we are inviting the NAM/CAR/SAM civil aviation authorities and other governmental agencies, airport operators, as well as regional representatives of international organizations, software providers, consultants and contractors, etc, to attend these events. The Seminar/Workshop will be conducted in both English and Spanish with simultaneous interpretation.

The programme for the Seminar/Workshop and the Registration Form are attached to this letter (**Appendices B and C**) and I would appreciate receiving your reply by **15 October 2008**.

The events will be held at the IPN, Escuela Superior de Ingeniería y Arquitectura, Unidad Zacatenco, Ave. Juan de Dios Bátiz S/N, Buildings 10, 11 and 12, Unidad Profesional “Adolfo López Mateos” Zacatenco, Mexico City, 07738, D.F.

To obtain Mexico City general information, please visit our website www.icao.int/nacc

Links:

- ICAO NACC Office Location Map
- Polanco and Zona Rosa Hotel Sector
- List of hotels close to ICAO NACC
- Welcome to Mexico City

Due to the location of the events, we highly recommend the Hotel y Centro de Negocios Quality Inn Lindavista in Mexico City, which is close to the venue. Single and double room rate is \$700 MXN + 15% TAX and 2% ISH; www.qualityinnlindavista.com / Email: reservaciones@qualityinnlindavista.com. You are required to make your own reservations.

If you need any further information on this event, please contact this Regional Office, electronic mail mail@lima.icao.int.

Accept, Sir, the assurances of my highest consideration.



Jose Miguel Ceppi
Regional Director
South American Office
Lima

Enclosures

APPENDIX A

FIFTH SEMINAR AND FIRST BUSINESS MEETING ON AIRPORT PAVEMENT – THIRD WORKSHOP ON FAARFIELD PAVEMENT DESIGN

WHY CARRY OUT THESE EVENTS?

The majority of deficiencies found in the CAR/SAM Regions are related to aerodrome maintenance.

This aspect was discussed in meetings of the AGA/AOP* Subgroup and also the GREPECAS/ASB*. One of the Subgroup strategies to confront this problem was to conduct a series of events to provide tools that would allow CAR/SAM Region States to resolve these deficiencies. Here is a list of the events already organized:

- Seminar on Airfield Pavement Maintenance and course on Aircraft/Pavement Interaction held in Santa Cruz de la Sierra, Bolivia (22-27 July 2002);
- Seminar on Pavement Management Systems and course on the Pavement Condition Index (PCI) Method held in Lima, Peru (19-25 November 2003);
- ICAO/ALACPA/FAA/ACI-LAC* Seminar on Airfield Pavement Design/New FAA Design Software for Airport Pavement Thickness Workshop/course on Managing Annex 14 held in Bogotá, Colombia (11-16 September 2005).
- ICAO/ACI/FAA/ALACPA/ICAI Seminar on Pavement Evaluation, Rehabilitation and Repavement Airport Projects / Workshop on the New FAA Software for Repavement of Airport Design/course on Maintenance of Air Navigation Visual Aids for the NAM/CAR/SAM Regions held in Lima, Peru, 12-17 November 2007.

Other important aspects that still need consideration for good airfield pavement maintenance are the evaluation of pavement structures for aircraft loads that require precise information on the thickness of layers within the structure and the physical properties of the materials that conform these layers. Rehabilitation and knowledge of repair techniques will allow the establishment of a maintenance program that meets particular aerodrome needs and the later incorporation of a Pavement Management System.

In this sense, the proposed event is oriented towards the following issues and important technical recommendations: information regarding the quality of current pavements, techniques regarding the renewal of pavements and a general view on managing pavements systems. CAR/SAM Region States will also provide presentations sharing their experiences in these areas.

A noteworthy aspect of the event is the FAARFIELD Workshop, where the new FAA procedure for pavement design will be presented. Finally, experts from around the world will provide a general view on construction techniques and new materials to be used for pavement construction.

Main objectives:

provide the necessary tools to help States resolve their deficiencies related to aerodrome maintenance;

train participants on collection of quality pavement data through field demonstrations of pavement data collection equipment;

provide participants with a general view on pavement preservation and repair techniques; a field demonstration will be held to show patching and crack repair techniques;

participants will be given a general view on Pavement Managing Systems with the objective to implement them into their own environment;

participants will view the new technology for airport pavement design developed by FAA through testing conducted in actual conditions at their Technical Center in Atlantic City, New Jersey.

*Note

ICAO : International Civil Aviation Organization

FAA : Federal Aviation Administration (United States)

ALACPA : Latin American and Caribbean Association of Airfield Pavements

CAR/SAM : Caribbean / South America

Subgroup AGA/AOP : Aerodromes, Air routes and Ground Aids Subgroup / Aerodromes Operations

GREPECAS : CAR/SAM Regional Planning and Implementation Group

ASB : Aviation Safety Board

ACI/LAC : Airports Council International Latin America

APPENDIX B



**FIFTH SEMINAR AND FIRST BUSINESS MEETING ON AIRPORT PAVEMENT –
THIRD WORKSHOP ON FAARFIELD PAVEMENT DESIGN**
Mexico City, Mexico, 27-31 October 2008

DAY/SESSION	TOPIC	PRESENTERS
Monday – October 27, 2008		
0800 - 0830	Registration	
0830 - 0850	Welcoming Remarks	IPN-México Representative, ICAO Regional Director, B. Fullerton (LAP-Perú), G. Vazquez (ASA-México)
Session 1: Collection of Quality Pavement Data		
0850 - 0925	Field Equipment Calibration and Personnel Certification Overview	G. Rada (FUGRO-USA)
0925 - 1000	Requirements for Quality Distress Data	F. Holt (Dynatest-USA)
1015 - 1050	Requirements for Quality FWD Data	C. Alvarado (FUGRO-USA)
1050 - 1125	Requirements for Quality Roughness Data	S. Cardoso (ICAO-Peru)
1125 - 1200	Runway Roughness -Types of Roughness and the Effect on Aircraft	M. Roginski (Boeing-USA)
1330 - 1430	Requirements for Quality Friction Data	D. Harverson (Consultant-Scotland)
1430 - 1600	Panel Discussion	Session 1 Presenters
1600 a 1900	Field Demonstrations of Pavement Data Collection Equipment	ASA-Mexico
Tuesday – October 28, 2008		
Session 1: Collection of Quality Pavement Data (Continued)		
0800 a 1000	Runway Friction Clinic	D. Harverson (Consultant-Scotland)
Session 2: Maintenance Patching and Repair Techniques		
1015 a 1100	Airport Pavement Preservation Overview	F. Holt (Dynatest-USA)
1100 a 1130	Patching and Crack Repair Practices at Jorge Chavez Int. Airport	I. Torralba (LAP-Peru)
1130 a 1200	Airport Patching and Crack Repair Practices in Mexico	TBD (ASA/IPN-Mexico)
1330 a 1400	Evaluation & Techniques for Rehabilitation of Runways with Friction Problems	G. Favaron (AA2000-Argentina), T. Graf (FA-Argentina)
1400 a 1500	Panel Discussion	Session 2 Presenters
1500 a 1900	Patching and Crack Repair Field Demonstrations	ASA-Mexico
Wednesday – October 29, 2008		
Session 3: Pavement Management Systems		
0800 a 0830	Pavement Management Systems Overview	G. Rada (FUGRO-USA)
0830 a 0900	PMS Practices in ALACPA Region: INFRAERO-Brazil	TBD (INFRAERO-Brazil)
0900 a 0930	PMS Practices in ALACPA Region: ASA-Mexico	TBD (ASA-Mexico)

DAY/SESSION	TOPIC	PRESENTERS
0930 a 1000	PMS Practices in ALACPA Region: Aeropuertos Argentinos 2000	G. Favaron (AA2000-Argentina), F. Schwartzer (PEESA-Argentina)
1015 a 1100	Web-Based Pavement Management Software	J. Gagnon (FAA-USA)
1100 a 1230	Panel Discussion	Session 3 Presenters
<i>Session 4: ALACPA Issues</i>		
1400 a 1515	ALACPA Committee Reports	B. Fullerton (LAP-Peru), G. Vazquez (ASA-México), G. Favaron (AA2000-Argentina), F. Ratto (ALACPA)
1515 a 1600	Next ALACPA Seminar – Location, Date & Topics	S. Mora (Professor-Peru), G. Rada (FUGRO-USA)
<i>Session 5: Corporate Sponsor Presentations</i>		
1620 a 1640	Constructing High-Quality Airfield Asphalt Pavements	P. Lavaud (Roadtec-USA)
1640 a 1700	Tools for Pavement Evaluation and Management	F. Holt (Dynatest-USA)
1700 a 1720	Soon To Be Announced	C. Alvarado (FUGRO-USA)
1720 a 1740	Soon To Be Announced	I. Torralba (LAP-Peru)
1740 a 1800	Soon To Be Announced	TBD (IPN-Mexico)
Thursday – October 30, 2008		
<i>Session 6: New FAA Pavement Design Procedure -- FAARFIELD Workshop</i>		
0800 a 0845	FAA Advisory Circular 150/5320-6E and FAARFIELD	D. Brill (FAA-USA)
0845 a 1015	FAARFIELD: Flexible Pavement and Flexible Overlay Design	D. Brill (FAA-USA)
1030 a 1200	FAARFIELD: Rigid Pavement and Rigid Overlay Design	D. Brill (FAA-USA)
1330 a 1500	Discussion and Questions	D. Brill (FAA-USA)
<i>Session 7: PCN Computations: Resolving the Confusion</i>		
1515 a 1550	ICAO PCN Method	S. Cardoso (Consultant),
1550 a 1625	PCN Determination - Issues and Concerns with Current Practice	Roginski (Boeing-USA)
1625 a 1700	FAA Advisory Circular 150/5335-5A and COMFAA	D. Brill (FAA-USA)
1700 a 1800	Panel Discussion	Session 6 Presenters
Friday – October 31, 2008		
<i>Session 8: New Pavement Materials and Construction Techniques</i>		
0800 a 0845	Use of Recycled Pavement Materials	J. Gagnon (FAA-USA)
0845 a 0930	Use of Stone Matrix Asphalt (SMA)	J. Gagnon (FAA-USA)
0945 a 1030	Use of Micro Agglomerates in Pavement Rehabilitation	G. Favaron (AA2000-Argentina)
1030 a 1115	Use of PCC Rubblization with HMA Overlays	J. Gagnon (FAA-USA)
1115 a 1200	Best Practices for Construction of Airport PCC Pavements	S. Tayabji (FUGRO-USA)
<i>Session 9: Other Pavement Topics</i>		
1330 a 1415	Best Practices for Construction of Airport PCC Pavements (Continued)	S. Tayabji (FUGRO-USA)
1415 a 1500	Operational Security related to Pavement Operations, Projects and Maintenance	F. Ratto (ALACPA)
1500 a 1700	Moving towards Empirical- Mechanistic Pavement Design Procedures	D. Brill (FAA-USA)
1700 a 1800	Closing Seminar Remarks	IPN-México Representative, B. Fullerton (LAP-Peru), G. Vazquez (ASA-México)

APPENDIX C / APENDICE C

QUINTO SEMINARIO Y PRIMER ENCUENTRO DE NEGOCIOS DE PAVIMENTOS
AEROPORTUARIOS – TERCER TALLER DE DISEÑO DE PAVIMENTOS FAARFIELD,
PARA LAS REGIONES NAM/CAR/SAM (AMÉRICAS)

ICAO/ALACPA/IPN/ESIA FIFTH SEMINAR AND FIRST BUSINESS MEETING ON
AIRPORT PAVEMENT –THIRD WORKSHOP ON FAARFIELD PAVEMENT DESIGN

(México City, México, 27-31 October 2008)

FORMULARIO DE REGISTRO / REGISTRATION FORM

1. Estado/*State*:
Organismo/*Organization*: _____

2. Nombre/
Name: _____

3. Cargo/*Position*: _____

4. Participa como / Delegado/
Delegate Participates as: *Delegate* Ponente/
Lecturer

5. Dirección oficial /
Business address: _____

6. Tel.: _____ Fax: _____ E-mail: _____

7. Hotel o dirección en la ciudad /
Hotel or local address: _____

8. Información de vuelo/
Flight information: Vuelo llegada/ fecha/ hora/
Arrival flight/ date/ hour: _____
Vuelo salida/ fecha/ hora/
Departure flight/ date/ hour: _____

Firma/
Signature: _____ Fecha/
Date: _____

- END / FIN -