

Airport Pavement Needs Roundtable ACI-LAC Perspective:

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■ ■ ■ *The Voice of the World Airports by:*

- * Promoting the interests of airports;
- * Promoting the excellence of airports





Members around the world



Safety Management Systems

Incident reporting and sharing

Preparedness for emergencies



Safety: Prioridad # 1 de ACI



The Wake-Up Call

USOAP
Continuous Monitoring Approach



Promoting global aviation safety

by continuously monitoring and updating
the safety oversight capabilities of all ICAO Member States.



*USOAP: Universal Safety Oversight Audit Program



USAOP FINDINGS

- ■ ■ 70% Without Runway Safety Program
- ■ ■ 44% without Aerodrome Certification requirements
- ■ ■ 81 countries perform no oversight
- ■ ■ 70 countries do not assure that airport operators monitor and analyze accident trends

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Flight Safety Foundation Study 2009

Primary conditions leading to runway excursions:

1. Runways not constructed and maintained to maximize effective friction and Drainage
2. Late or inaccurate runway condition reports
3. Inadequate snow and ice control plan
4. Not closing a runway when conditions dictate
5. Incorrect or obscured runway markings
6. Failure to allow use of wind-preferential runways
7. Inadequate runway end safety area (RESA) or equivalent system
8. Inappropriate obstacle assessments.

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Evolving Approach

- ✓ Systemic
- ✓ Adopting Management Risks principles
- ✓ Focus on critical areas on Safety deficiencies
- ✓ Promoting a Safety Culture



APEX - Airport Excellence in Safety

APEX Components:

1. Set the Required Standards
2. Training toolkit
3. Self-Assessment
4. ACI Safety Certification Program



Component	Elements
Provision of Required Standards	<ul style="list-style-type: none">• Publish a set of best practices (Annex 14, SARPS, ACI Manuals).• Develop Manual on Master Plan Airport Design
Provision of Training Tools	<ul style="list-style-type: none">• Based on USOAP results, identify and develop training programs (focus on self-audit, SMS, etc.)
Safety Self-Assessment Programme	<ul style="list-style-type: none">• Develop a Gap Analysis Toolkit to enable members to ascertain their own levels of compliance• Self-Assesment Program• Go-Teams of mentoring
ACI Safety Certification Programme	<ul style="list-style-type: none">• In conjunction with ICAO, develop the program.• Training to airport personnel such as: ICAO Inspectors (multiplying the knowledge and experience).• To go in the Continuous Monitoring concept



Apron Safety



Apron operations require absolute attention to Safety.



Pavement Maintenance



We need ALACPA's help

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Thank you!



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