

Asia Pacific Regional Aviation Safety Team (APRAST/1)

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ACI – Who we are

World association of airports

- Prime purpose: to represent the interests of airports and to promote professional excellence in airport management and operations
- 1.650 airports; 580 operators; 179 States and territories





Seen one Airport...





Case for Change

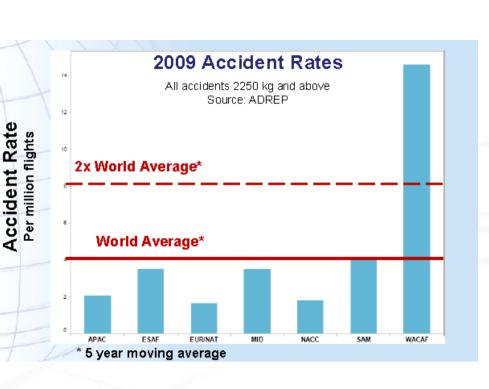
According to the ICAO Safety Audit Program (USOAP) results (with 165 States audited as at August 2010):

- 58% of audited states had not established procedures and
 72% had no guidance for airport certification and surveillance
- 69% of audited states had not established a runway safety program related to runway incursions
- 65% of audited states had not established a mechanism to rectify safety issues in a timely way
- 83% of audited states had not implemented airport SMS
- 59% had not reviewed Aerodrome Manuals periodically



Case for Change – Accident Rates

- Accident rates have increased in three ICAO regions over 2004 2008 (although they have remained steady globally)
- Regions with the largest growth potential have the highest accident rates
- One region has over twice the global average accident rate





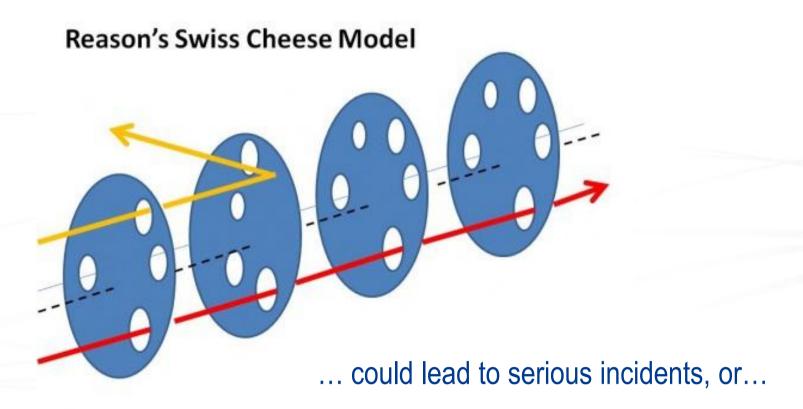
Case for Change – Runway safety

- The 2009 Flight Safety Foundation Report found 431 (30%) of major damage accidents to commercial transport aircraft over1995-2008 (1429 total) were runway-related (excursions or incursions)
- Excursions accounted for 97%
 of these 431 runway-related
 accidents



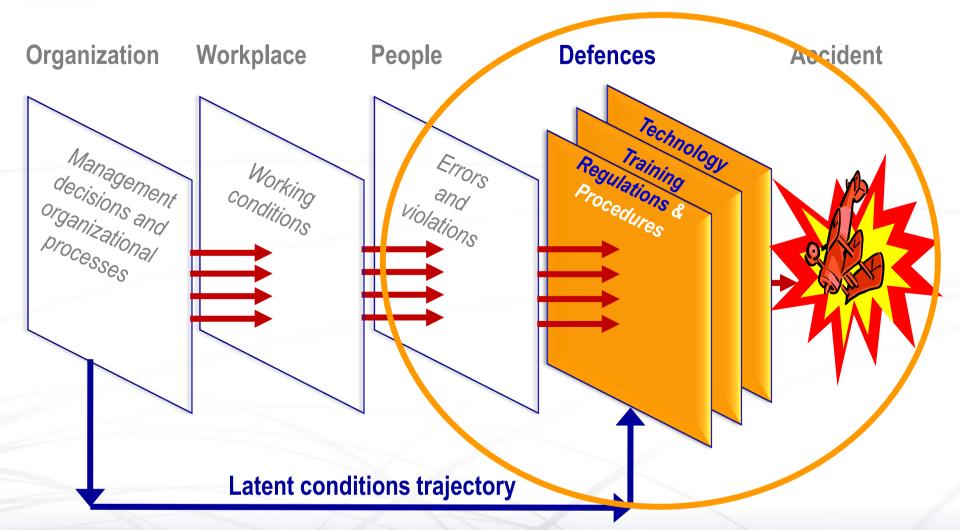


A series of vulnerabilities...





Safety Defences





Stakeholder assessment

- ICAO has moved to a proactive model
- The ICAO USOAP, introduced in 1997, is transitioning to
 Continuous Monitoring Approach (CMA)
- ICAO held a Global Runway Safety Symposium in 2011 and a series of regional events on runway safety are upcoming
- ACI in unique position to contribute, together with ICAO, to reduce aviation safety risk

Need for change



ACI – ICAO Cooperation

- Exchange of letters between ICAO Secretary General and ACI Director General in summer 2011; MoC to be signed within the following weeks
- Alignment of strategic priorities (safety as top priority)
- Address priority deficiencies and regions
- Assistance to airports by ACI, complementing ICAO assistance to Civil Aviation Authorities







ACI Initiative

Airport Excellence (APEX) in Safety

- Practical assistance to ACI members to improve their level of safety
- ACI Safety Reviews
 - based on Annex 14 SARPS & industry Best Practices
 - undertaken by ACI
 - with help from Safety Partners & ICAO
- Team visits the airport; concrete proposals to improve safety
- Develop key safety metrics for airports as safety performance indicators, and collect safety data

APEX in Safety Benefits

- ✓ Tailored approach
- Measures that can be immediately implemented
- ✓ Access to global network of safety experts
- ✓ Practical application
- ✓ Action Plan
- ✓ Effective results within reach
- ✓ Appropriate solutions based on specific operational environment
- ✓ ICAO regulatory aspects covered
- ✓ Access to knowledge data base
- ✓ Access to documentation
- ✓ Guidance material provided by Airports Council International



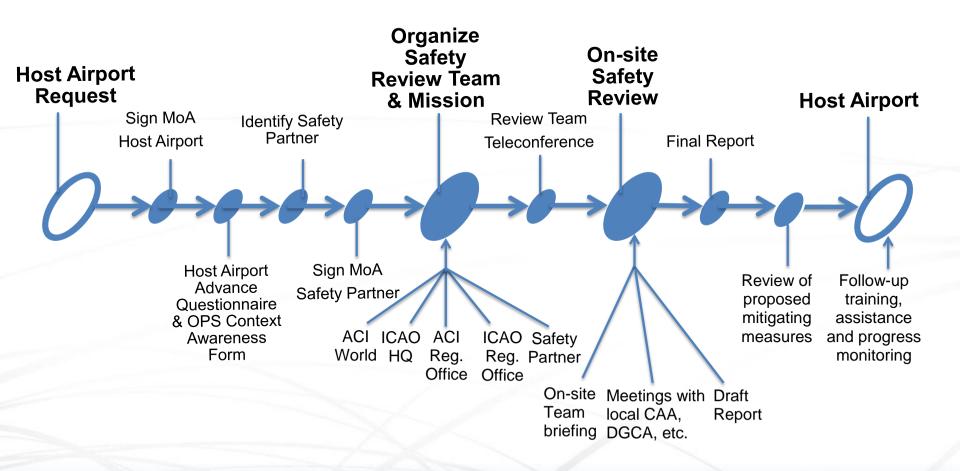
ACI Initiative – Annex 14 SARPS+

- Infrastructure and compliance with regulations
- Aerodrome Certification
- Aerodrome services and operational safety procedures
- Airport operator's Safety Management Systems
- ...evolutionary and not revolutionary solutions RWY Safety Team
- Identification of cost savings (i.e. reduction of insurance cost, ground damages) and also of revenue generation opportunities





ACI Initiative





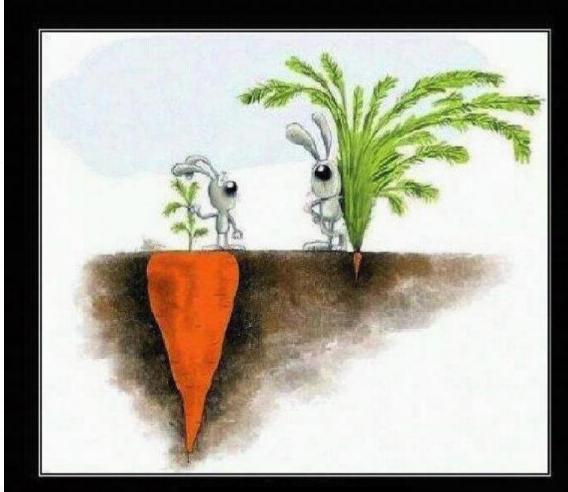
Next Steps

- First pilot project at Lomé International Airport in Togo (2011)
- Second pilot mission at San Pedro Sula, Honduras (February 2012)
- Next projects:
 - Maputo, Mozambique
 - Lusaka, Zambia
 - Jakarta, Indonesia
- Other States that expressed interest to host Safety Reviews under the APEX Program





SAFETY



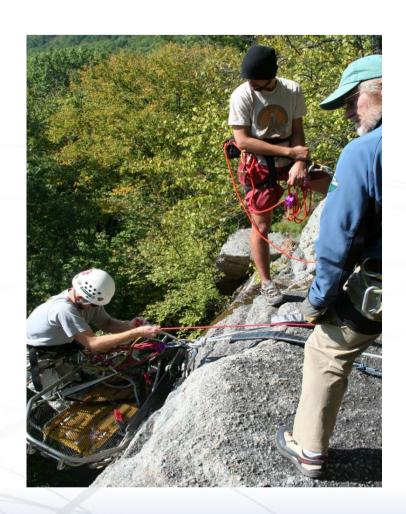
SAFETY

it's not always what you see



Together for safer airports worldwide

- Safety Partners
- Host Airports





SAFETY

What can the APEX in Safety Program do for you?





Leading, representing and serving the global airport community

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