ACI's Recent Initiatives on AOP

AOP/WG/2

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ACI Recent Initiatives on AOP

- Aerodrome Safety Review (APEX for Safety)
- Guidance Materials and Training
- Pilot Survey on Safety Culture
- Airport Carbon Accreditation

- **Safety Reviews in APAC 2013/2014**
  - India (Chennai, Kolkata, Ahmedabad, Gujarat)
  - Middle East (Medina, Abu Dhabi)
  - China (Beijing, Haikou)
- **New Safety Partners**
  - FAA
  - Abu Dhabi
  - Beijing
  - Hainan Airports

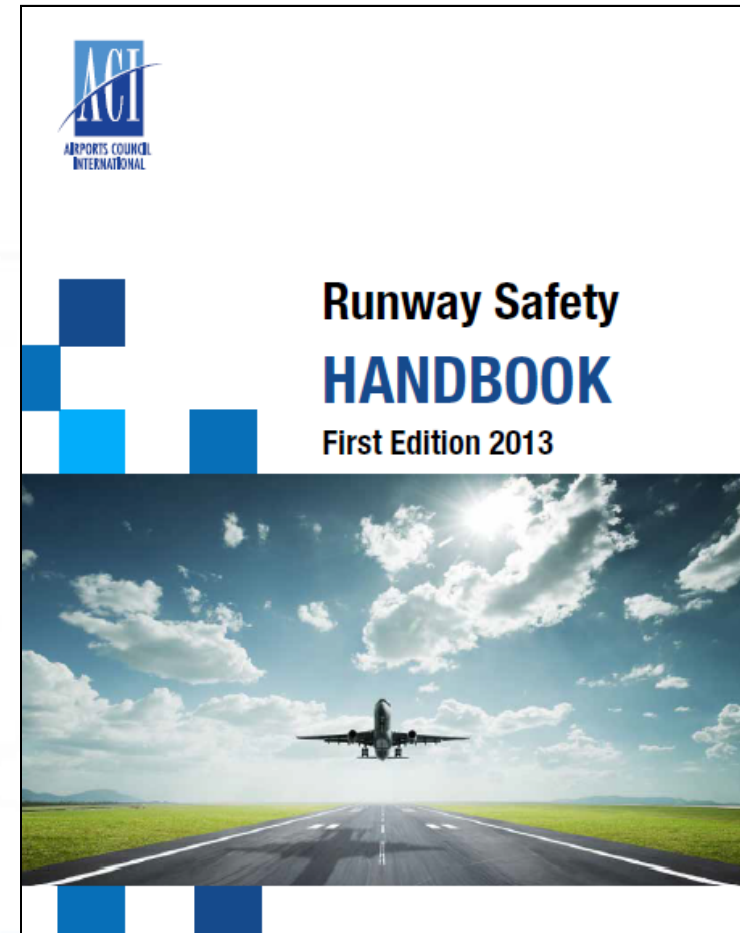# Safety Partner Agreement, SEL, 26 May 2014

- To States to encourage their aerodrome operators to participate in APEX
- Either as Safety Partner or Host

New Handbooks

- **Runway Safety**
  - RST
  - Change management (construction)
- **Planning & Design**
  - Taxiway Naming Convention
  - Signs, Marking, Lighting
  - Stop Bars
- **Operations and Maintenance**
  - Runway Inspection
  - AIS/AIP
  - Hot spots, FOD, Wildlife etc

Safety KPI Handbook

- Objective: assist airport set up and use KPI
- Guidelines on use
  - Target setting
  - Analysis
  - Benchmarking
  - Communication
  - Link to SMS

- Runway safety
- Maneuvering area
- Apron
- Wildlife
- Safety culture and training
- Airside construction works

Pilot Survey on Safety Culture

- **Purpose**
  - Identify strengths and weaknesses
  - Benchmarking
  - Help develop safety training and promotion programs
  - Share best practices in safety culture promotion
- **Main Target Respondents**
  - Airport
  - Airlines
  - GSP
  - ANSP

- Safety awareness

- Management support

- Coworkers willingness to act on their own initiative

- Etc

A. Safety policy

B. Safety commitment

C. Safety communication

D. Training & promotion

E. Risk management

F. Management & reporting

G. Working environment

H. Overall assessment

Safety Culture Questionnaire (cont)

- **Rating (5 levels)**
  - Strongly disagree → Strongly agree
- **Example 1: Section A: Safety Policy**
  - My coworkers aware of
    - safety policy
    - safety goals
    - safe operation procedures

- **My co-workers** are aware of my organization's **safety policy**.
- My co-workers are aware of my organization's annual **safety goals**.
- My co-workers are aware of my organization's **safe operation procedures**
- The safety **policy**, goals and related operation procedures are an **accurate reflection** of the company's **commitment** to safety.
- **Compliance** with safety requirements is viewed as **essential** in maintaining a good safety culture.

States are invited

- To comment on the survey
- Encourage their aerodrome, air operators and ANSP to participate
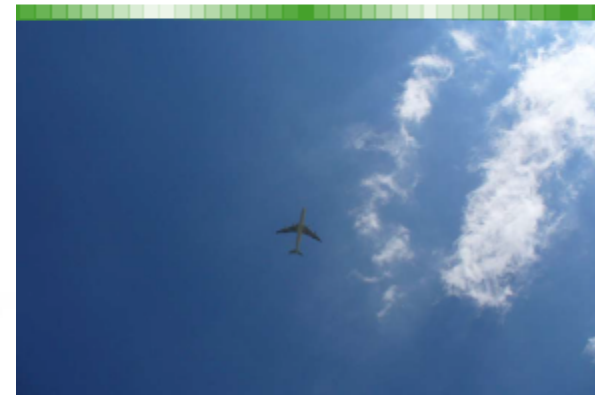
ACI Welcomes AOP/WG's Concern for Environment

- TOR requires that WG ensure "AOP **environmental initiatives** are consistently identified and progressed, and report outcomes from AOP environmental initiatives".

- WP15 Performance Framework

    - Safety

    - Air Navigation Capactiy

    - Environment

- ACI's initiative on carbon and other environment management aspects

Airport Carbon Management Initiatives

Airport Carbon Accreditation

+ MAPPING
Footprint measurement

+ REDUCTION
Carbon management towards a reduced carbon footprint

+ OPTIMISATION
Third party engagement in carbon footprint reduction

+ NEUTRALITY
Carbon neutrality for direct emissions by offsetting

About 100 Airports Accredited Worldwide

In Conclusion, States are invited to

- Encourage aerodrome operators to participate in APEX
- Take note of the new ACI handbooks, especially the safety performance indicator handbook
- Encourage participation in safety culture survey
- Encourage participation in Airport Carbon Accreditation