

# Update on Airport Excellence ("APEX") in Safety Program

Report to AOP-WG/3  
Malaysia  
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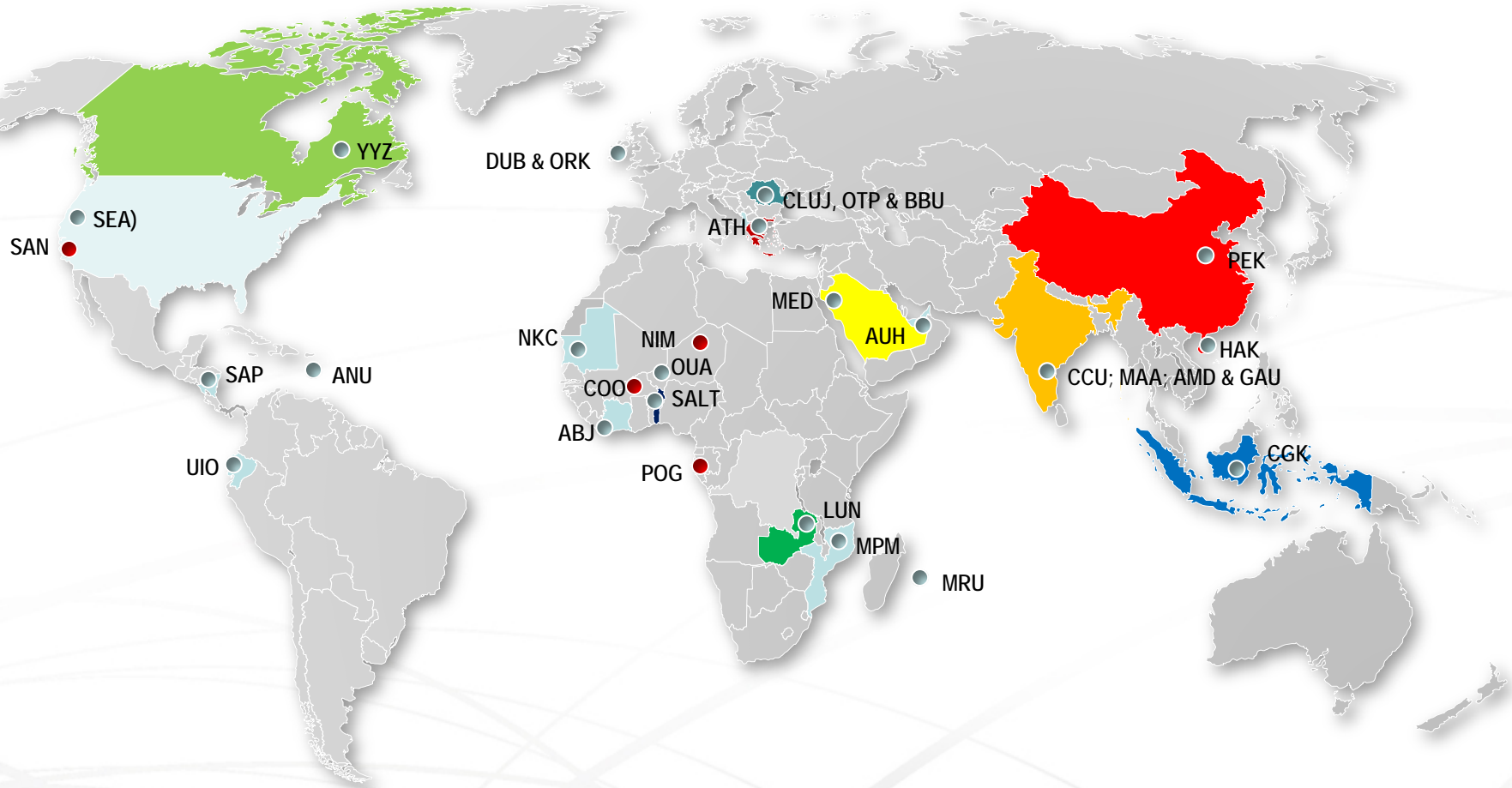
# Purpose of Presentation

- Where have we done safety reviews?
- Findings?
- Guidance Materials and Training





# More than 40 APEX Reviews Since 2011






## Where in APAC Have We done APEX?

1. CGK, March 2012
2. Kolkata, Feb 2013
3. Chennai, Apr 2013
4. Ahmedabad, July 2013
5. Guwahati, Oct 2013
6. Beijing, Oct 2013
7. Haikou, Sept 2014
8. Sanya, Sept 2015 (planned)
9. Yangon, Nov 2015  
(planned)





# ACI Resolution to Urge Airports to Participate in APEX



**Attachment 8-1**  
**TENTH ACI ASIA-PACIFIC REGIONAL ASSEMBLY**  
(Dead Sea, Jordan, 28 April 2015)  
**PROPOSED RESOLUTION NO. 1**  
**SUPPORT TO ACI APEX IN SAFETY**

**Background to the Resolution**

Since the launch of the Airport Excellence (APEX) in Safety Program in 2012 at the ACI World Assembly, only 10 airports (about 2% of the total) in Asia-Pacific have participated in the program as hosts – airports that volunteer to have safety reviews conducted at their aerodromes by a team of experts from twice ACI members, ICAO and other organizations. The Regional Office has been promoting the Program at ICAO regional meetings and ACI events. ICAO Asia & Pacific has sent a formal State letter to the 40 regulators in the region urging them to encourage their airports to join the Program.

It is felt that the 10th Regional Assembly would be an opportune moment to remind and encourage airports in Asia-Pacific to participate in APEX in Safety, either as hosts or safety assessors. It is also expected that with the help of the media, the message will be widely propagated through a press release.

**Draft Resolution**

The Tenth Assembly of ACI Asia-Pacific:

Noting that:

- Safety remains and will always be the highest priority and the level of a sustainable air transport industry;
- The ACI Airport Excellence in Safety Program ("the Program"), also known as APEX in Safety, is entering its fourth year of implementation since its official launch at the ACI World Assembly held in Calgary, Canada in September 2012;
- More than 40 airports worldwide, including 10 in Asia-Pacific, have benefited from Program by having APEX in Safety Reviews conducted at their airports;
- These Safety Reviews and the recommendations arising from them have largely helped airports identify safety gaps and improved safety;
- The Program consists of non-profit making and altruistic safety peer reviews; and
- Seeing the benefits to regulators, airport operators and the traveling public, ICAO Asia & Pacific has expressed support to the program urging governments to encourage their airport operators to participate in the program.

Expresses:

- its gratitude for the support that ACI member airports, ICAO Asia & Pacific, ICAO Middle East and other organizations and individuals have lent to ACI by providing expertise, technical personnel and participating in the program; and
- its appreciation for the participation of all the Asia-Pacific airports that have hosted Safety Reviews in their continued pursuit to ever high-levels of aerodrome safety.

Calls upon:

- Airports in Asia-Pacific and the Middle East that have not yet participated in the Program as hosts of Safety Reviews to do so; and
- Airports to support the Program by sending their aerodrome safety experts to participate as Safety Assessors.

1 Jakarta CGK, Amman-Madaba, Chennai, Gassim, Kolkata, Beijing, Hanoi, Abu Dhabi, Medina, Amman-AMS

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# What Areas Does APEX Cover?

- Physical Characteristics
- Visual Aids
- Apron Management
- RFF
- Aerodrome Manual & SMS
- Wildlife
- Training



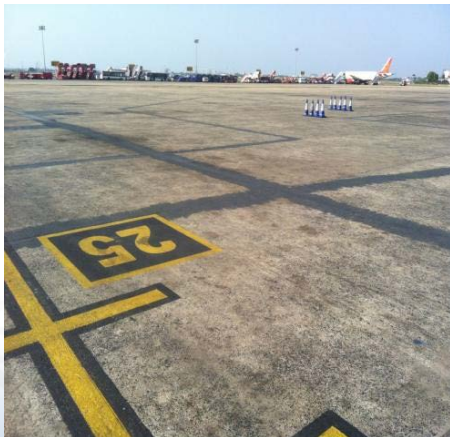
## What are the Major Findings?

- Incompliant Airfield Signs, Markings, Lights
- Inadequate SMS
- Inadequate RFF facilities
- Inadequate maintenance program
- Inadequate training



## Incompliant Signs & Markings

- Wrong location
- Faded
- Old markings not completely removed
- Signs obscured by grass
- Closed taxiways not signposted





# Non-Frangible Obstacles





## Inadequate SMS

- SMS manual exists but...
- Lack of hazard identification procedure and training
- Not updated to SMS manual 2013 edition
- No audits on service providers, e.g. ground handlers, conducted
- Lack of good safety culture
- Focus on disciplinary action rather than root cause analysis

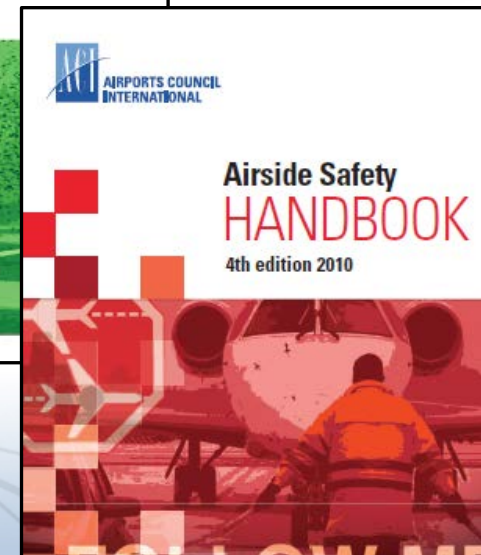
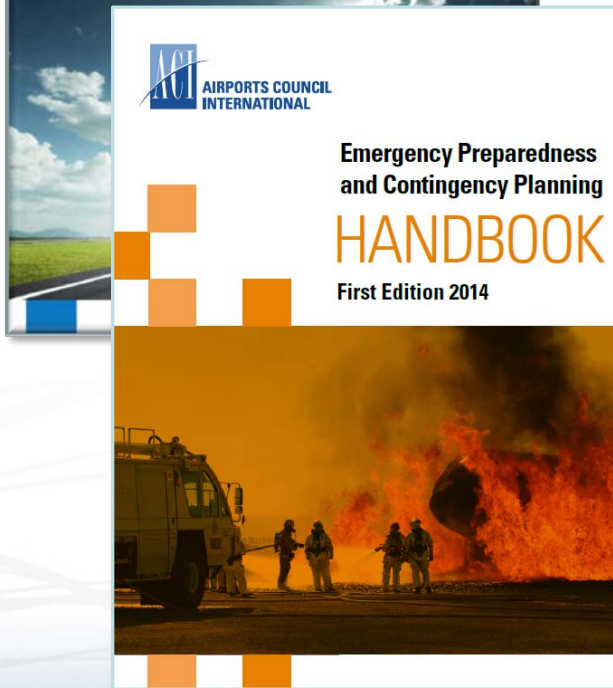
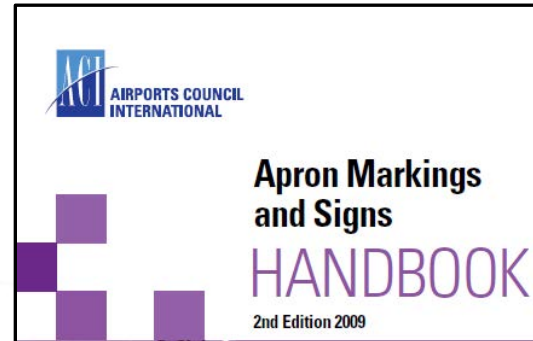
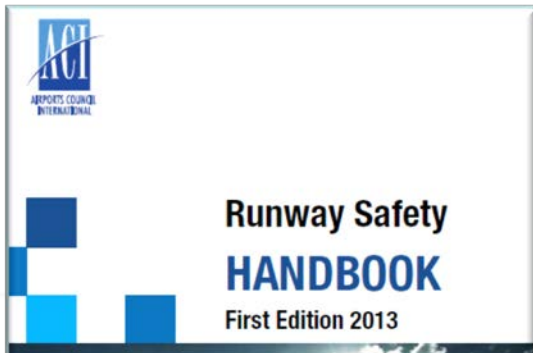


## Inadequate RFF

- Inadequate firefighting gear
- Expired foam
- Inadequate fire training facilities
- Lack of training
- Poor training records

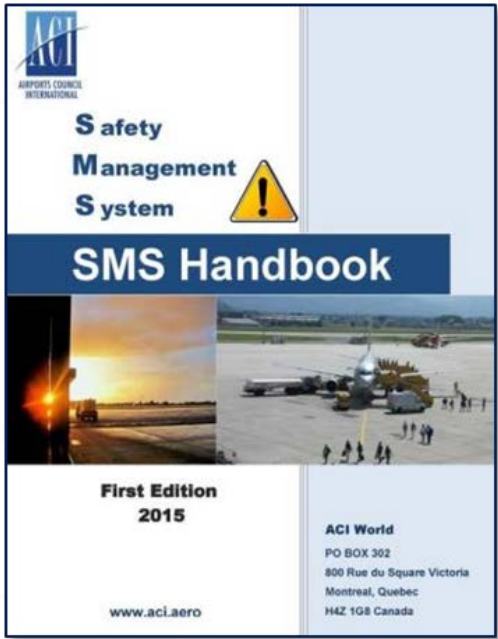
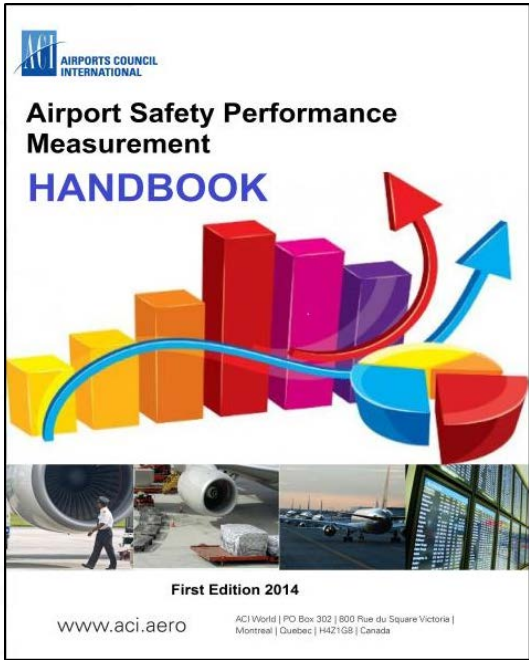


# ACI Guidance Materials





Coming Up Soon



Apron Safety Handbook



## Training Centres in APAC

- Kuala Lumpur
- Incheon
- Beijing
- Hyderabad
- Visit [www.aci.aero/training](http://www.aci.aero/training)
- Online courses [www.olc.aero](http://www.olc.aero)



## Conclusion

- Minor AGA incompliances are common
- But can be fixed given adequate attention and resources
- Use ACI and ICAO guidance and training
- APEX can help with gap analysis