



International Civil Aviation Organization

MIDANPIRG/17 and RASG-MID/7

(Cairo-Egypt, 15-18 April 2019)

Agenda Item 5.1: Regional Performance Framework for Safety

ACI'S SUPPORT TO ICAO MID SAFETY STRATEGY

(Presented by Airports Council International)

SUMMARY

This paper expresses ACI's support to the aerodrome safety related goals laid down in the MID Safety Strategy adopted at the 4th MID Region Safety Summit held in Riyadh, Saudi Arabia, from 2 to 3 October 2018.

The paper also elaborates ACI's approach to supporting the Strategy, and in doing so, to ICAO's No Country Left Behind campaign as well.

At the end of the paper the meeting will be invited to comment and make suggestions on ACI's approach.

Action by the meeting is at paragraph 8.

1. INTRODUCTION

1.1 The Fourth MID Regional Safety Summit held in Riyadh from 2 to 3 October 2018 discussed, elaborated and adopted a comprehensive strategy, i.e. the MID Safety Strategy, referred to as "Strategy" hereinafter, aimed at enhancing aviation safety in the ICAO MID Region.

1.2 Some of the goals laid down in the Strategy are directly related to aerodrome safety, such as the establishment of Runway Safety Teams at international aerodromes. ACI supports these goals. The approach with which ACI supports these are elaborated in the following.

2. GOALS DIRECTLY RELATING TO AERODROME SAFETY

2.1 ACI supports the goals relating to aerodrome safety spelt out in the Strategy, in particular, those related to:

- Aerodrome certification;
- the establishment of Runway Safety Teams; and
- the use of ACI Airport Excellence (APEX) in Safety program.

2.2 The support is provided in the forms of guidance materials, training, in the case of APEX in Safety program, the diligent promotion and delivery of this peer review service, and finally, assistance programs specifically designed for developing countries.

3. GUIDANCE MATERIALS ON AERODROME SAFETY

3.1 ACI's library provides a series of guidance materials to help airports improve aerodrome safety. As of March 2019, the following handbooks are available:

- Managing Operations During Construction Handbook – 1st Edition, 2018;
- Apron Markings and Signs Handbook, 3rd Edition, 2017;
- ACI Safety Management System Handbook, 1st Edition, 2016;
- ACI Apron Safety Handbook, 1st Edition, 2015;
- ACI Runway Safety Handbook, 1st Edition, 2014;
- Emergency Preparedness and Contingency Planning Handbook, 1st Edition, 2014 and
- ACI Wildlife Hazard Management Handbook, 2nd Edition, 2013.

3.2 The list is posted online and updated regularly at <https://store.aci.aero/product-category/safety/>.

3.3 Some of these handbooks are available for download free of charge online at the ICAO Runway Safety Toolkit at https://cfapp.icao.int/tools/RSP_ikit/story_html5.html.

3.4 In support of the MID Safety Strategy, new guidance materials are being drafted on aerodrome certification, airfield maintenance, adverse weather operations, and rescue and firefighting. These are expected to be published in the next few years.

3.5 In addition the Asia Pacific Region of ACI produces simple guidelines on aerodrome safety of specific interests to its airport members situated in the Asia Pacific and Middle East Regions. These guidelines are aimed at frontline supervisors and middle managers, and are kept simple and easy to understand. As of March 2019 the following guidelines are available:

- ACI Reference Book on Safety Promotional Materials;
- ACI Reference on Safety Change Management Checklist;
- Guidelines on Accident Investigation and Root Cause Analysis; and
- Guidelines on Runway Safety Team.

3.6 These guidelines are available for download at the hyperlinks provided in **Appendix A**.

4. ACI SAFETY TRAINING

4.1 ACI offers a series of training courses on aerodrome safety including the Global Safety Network Program which contains the following six modules:

- GSN 1 - Safety Management Systems (SMS)
- GSN 2 - Airside Safety and Operations
- GSN 3 - Emergency Planning and Crisis Management
- GSN 4 - Working with Annex 14
- GSN 5 - Advanced Safety Management Systems
- GSN 6 - Aerodrome Auditing and Compliance

4.2 Details on the GSN Diploma Program are available at: <https://aci.aero/global-training/programmes/global-safety-network-diploma-programme/>.

4.3 There are also other safety training courses available à la carte. These are listed and described at: <https://aci.aero/Global-Training/Training-Information/Course-Categories/Safety>.

4.4 ACI's training center in the Middle East is located at GCAS Building, Abu Dhabi, United Arab Emirates.

4.5 Training courses are also provided online at www.olec.aero, the latest offer being the course on Global Reporting Format in anticipation of the coming into force of the new requirement on 5 November 2020. This new course can be accessed at: <https://www.olec.aero/product/icao-global-reporting-format/>.

5. APEX IN SAFETY PROGRAM

5.1 In 2012 ACI launched Airport Excellence in Safety, or acronymically APEX in Safety, a peer review program whereby voluntary aerodrome safety and operations experts, currently employed at airports, are dispatched to review safety at another airport. The airport where the review is done is called the "host airport" under the program because it pays for the hotel accommodation and travels of the voluntary assessors. In return the host airport receives a comprehensive report that identifies aerodrome safety gaps and makes recommendations to address these based on the review, typically completed within a five-day work week.

5.2 To date ACI has conducted more than APEX in Safety reviews at more 100 airports. In the Middle East, the airports that have hosted such reviews with the dates of review are listed below:

- Abu Dhabi International Airport, March 2014 and January 2019
- Prince Mohammed Bin Abdul Aziz International Airport, Madinah, May 2014
- Khartoum International Airport, Sudan, December 2014
- Queen Alia International Airport, Amman, February 2015
- Cairo International Airport, May 2015
- Bahrain International Airport, February to March 2016
- Hamad International Airport, Doha, April 2016
- Muscat International Airport, December 2016 and March 2019

6. ACI'S DEVELOPING NATIONS ASSISTANCE (DNA) PROGRAM

6.1 ACI supports the ICAO No Country Left Behind (NCLB) campaign. This was formally declared in a resolution adopted by the 25th ACI World Assembly convened in Panama in 2015. A copy of the resolution can be viewed online at:

https://aci.aero/Media/6e99ccf5-49b9-480f-bbf4-ec4c071f37a7/OPeXqQ/About%20ACI/Overview/ACI%20World%20Resolutions/Panama%20City,%20Panama,%202015/Panama_Resolution_5.pdf

6.2 ACI's DNA (Developing Nations Assistance) program offers free or subsidized training courses to eligible airports in developing countries. In support to ICAO and the industry's efforts in promoting aerodrome certification, notably to the goals on aerodrome certification set out in the MID Safety Strategy, ACI and ICAO have been jointly organizing training courses on aerodrome certification.

6.3 In November 2018 a five-day training course on “Airside Maintenance and Inspection Training” was delivered in Khartoum, Sudan, under the ACI Africa Development Program supported by the DNA program, as a follow up on a previously conducted APEX in Safety Review there.

6.4 In the spirit of NCLB, States and Organizations are hereby encouraged to sponsor the DNA program, indeed a meaningful cause to provide help fellow airports in developing countries. Sponsors are duly recognized at ACI events and other occasions. For details of the benefits, see <https://aci.aero/services/developing-nations-airport-assistance-dna-programme/dna-sponsorship/>.

7. CONCLUSION

7.1 In conclusion ACI supports the aerodrome safety related goals set out in the MID Safety Strategy adopted at the 4th ICAO MID Safety Summit and adopts a well-rounded approach to promoting aerodrome safety using a combination of guidance materials, training, onsite peer reviews under the APEX in Safety program, and assistance programs for developing countries.

8. ACTION BY THE MEETING

8.1 The meeting is invited to:

- a) note the wide range of aerodrome safety guidance materials, training, peer reviews, and assistance programs for developing countries offered by ACI;
- b) suggest any other training or manners in which ACI may support the MID Safety Strategy and ICAO’s NCLB campaign; and
- c) in the spirit of NCLB, encourage States and Organizations to support the ACI Developing Nations Assistance program.

APPENDIX A

Download Links to ACI Asia Pacific
Aerodrome Safety Guidelines



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