



ICAO

**The Second Meeting of the Aerodrome Operations Personnel
Competency Small Working Group (AOPC SWG/2)**

Bangkok, Thailand, 25 to 29 March 2019

Agenda Item 5: Training for Aerodrome Operation Personnel

ACI TRAINING COURSES ON AERODROME OPERATIONS AND SAFETY

(Presented by Airports Council International)

SUMMARY

ACI as the international trade association of airport operators offers a series of aerodrome operations and safety training courses to its members.

This paper lists out the relevant training courses, and invites the meeting to review the list and make suggestions on courses that would help the industry meet the future demand for competent aerodrome personnel.

1. INTRODUCTION

1.1 This paper presents ACI training courses relating to aerodrome operations and safety in an attempt to contribute to the discussion on aerodrome operation personnel training at AOPC SWG/2.

2. TYPES OF RELEVANT ACI TRAINING COURSES

2.1 ACI offers training courses related to aerodrome operations and safety both as:

- part of a comprehensive program for individuals who wish to pursue a professional qualification in general airport management or safety; and
- stand-alone courses to be chosen and attended on an ad hoc basis.

2.2 The first type of curriculum includes ACI's flagship general airport management training program, AMPAP (Airport Management Professional Accreditation Program) that contains modules on aerodrome safety and operations; and the specialized GSN (Global Safety Network) Diploma Program, consisting exclusively of courses related to operations and safety.

2.3 The second type of training offers courses are available à la carte to individuals interested in aerodrome operations and safety such as wildlife hazard management and FOD prevention. These courses are delivered either face-to-face in classroom or online via the Internet.

2.4 The safety and operations related modules of each of these types of courses are described below.

3. AMPAP

3.1 AMPAP is a comprehensive training program on general management of airports covering aerodrome operations, environmental protection, human resources, commercial management and customer service etc. The program was jointly established by ACI and ICAO. Graduates of AMPAP are conferred the qualification of International Airport Profession (IAP).

3.2 The AMPAP modules most related to aerodrome operations and safety management are:

- ACI-ICAO Aerodrome Certification; and
- Airport Safety Management Systems (SMS) Implementation.

3.3 Both are five-day courses delivered face-to-face by instructors in a classroom. Contents of AMPAP and the two courses listed above are described online at: <https://aci.aero/global-training/programmes/airport-management-professional-accréditation-programme/>

4. GLOBAL SAFETY NETWORK (GSN) DIPLOMA PROGRAM

4.1 The GSN Diploma Program is comprised of six modules of progressively advanced courses on safety management. The first three modules (GSN1 to GSN3) are more basic while the second tranche of three modules are designed for more advanced students. The six modules, each taking 5 days to complete in classroom, are listed below:

- 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 For more details on the GSN Diploma Program, please visit: <https://aci.aero/global-training/programmes/global-safety-network-diploma-programme/>

5. PROFESSIONAL CERTIFICATE COURSES

5.1 These courses are available à la carte to individuals interested in enhancing their competencies in specific areas under the categories of safety, security, environment etc. The certificate courses related to aerodrome safety and operations are listed below:

- Accident & Incident Investigation
- Advanced Airside Safety
- ACI-ICAO Aerodrome Certification*
- ACI-ICAO Implementing Annex 14: Advanced Aerodrome Design and Operations*
- Aerodrome Safeguarding and OLS

- Aeronautical Studies and Risk Analysis
- Airport SMS Implementation*
- Airport SMS Implementation for US Airports*
- Apron Management
- EASA Implementing Rules for Aerodromes
- Human Factors for Airport Managers
- Managing Aerodrome Works
- Re-declaration of Runway Distances
- Runway Incursion Awareness and Prevention
- Safety Risk Assessment
- Understanding ICAO Annex 14
- Wildlife Hazard Management and Prevention

5.2 The courses marked with an asterisk (*) above are also AMPAP electives.

5.3 Each of the courses takes three to five days to complete.

5.4 Course contents are described at: <https://aci.aero/Global-Training/Training-Information/Course-Categories/Safety>

6. ACI TRAINING CENTRES AND VENUES

6.1 There are ACI training centres and venues on the five continents where face-to-face training classes are conducted. In Asia Pacific they are located in:

- Gold Coast, Australia;
- Hyderabad, India;
- Kuala Lumpur, Malaysia;
- New Delhi, India;
- Seoul (Gimpo International Airport), Republic of Korea;
- Incheon (Incheon International Airport), Republic of Korea;
- Bangkok (ICAO APAC Regional Office), Thailand; and
- Port Vila, Vanuatu.

7. ONLINE TRAINING COURSES

7.1 ACI also offer training courses online at www.olc.aero, in particular for those who cannot afford the time and resources to travel overseas. Participants go through the interactive training materials at their own pace and take an examination online. A certificate is given to the participant upon successful passing of the examination. Here are the online courses related to aerodrome operations and safety on offer as at March 2019:

- Accident and Incident Investigation
- **ACI/ICAO Global Reporting Format**
- Airside Safety Training
- Apron Safety Management
- Certificate I in Airside Safety
- Certificate II in Airside Safety
- Dangerous Goods Regulations Training
- Emergency Preparedness and Contingency Planning
- Foreign Object Debris (FOD) Prevention
- Human Factors Safety Training
- Managing Operations During Construction
- Runway Safety Management
- Safety Management Systems Training (International)
- Wildlife Hazard Management

7.2 Note that the ACI/ICAO online course on Global Reporting Format was recently launched in response to the application of the requirement for such format for the reporting of runway surface condition on 5 November 2020. The course can be access at:
<https://www.olc.aero/product/icao-global-reporting-format/>

8. ACTION BY THE MEETING

8.1 The Meeting is invited to:

- a) Review the list of aerodrome operations and safety training courses being offered by ACI; and
- b) Suggest other training courses that may assist in the training and development of competent aerodrome operations personnel to meet the future air transport demand in Asia Pacific.

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