

**SECOND MEETING**  
of the  
**AERODROME SAFETY,**  
**PLANNING & IMPLEMENTATION**  
**GROUP**  
**ASPIG/2**  
*(Virtual Meeting, 24 – 26 November 2020)*

## **Agenda Item 3 – WP2: Review of the Aerodromes SEIs included in the Draft MID Regional Aviation Safety Plan (MID-RASP) 2020-2022 Edition**

### **Action by the Meeting:**

The meeting is invited to review and update as deemed necessary, the Aerodromes SEIs included in the Draft MID Regional Aviation Safety Plan (MID-RASP) 2020-2022 Edition at **Appendix A** to be presented to the RASG-MID/8 virtual meeting for endorsement.



**Thank you for your Attention**

APPENDIX A

Appendix D: Safety Actions- Consolidated list of SEIs with their respective Actions for follow up Draft

SEI Code	SEI name	Actions	Owner(s)	Status/Progress	Completion date
<b>Organizational Challenges and Emerging Risks</b>					
<b>Goal 2: Strengthen States' Safety Oversight Capabilities</b>					
<b>G2-SEI-01:</b>	Strengthening of States' Safety Oversight Capabilities	<b>A1-</b> Conduct Capacity Building Activities (Workshops, Training, Webinars, GSI Courses) to promote effective implementation of SARPs, with a focus on the following technical areas: ANS, AGA, and OPS.	ICAO		2022
		<b>A2-</b> Conduct technical assistance and NCLB missions to States	ICAO		2022
		<b>A3-</b> Develop and implement a specific NCLB plan of actions	ICAO and concerned States		2022
<b>G2-SEI-02:</b>	Improve Regional Cooperation for the Provision of Accident & Incident Investigation	<b>A1-</b> Development and signature of the MOU among MENA ARCM States	ICAO, ACAO, and States (TBD)		2022
		<b>A2-</b> Conduct AIG Capacity Building Activities	ICAO and ACAO		2022
<b>G2-SEI-03:</b>	Sharing of Safety Recommendations related to Accidents and Serious Incidents	<b>A1-</b> Development of questionnaire to be circulated to MENA States on sharing safety recommendations on dedicated platform	ICAO, ACAO, and States (KSA & UAE)		2021

<b>G2-SEI-04:</b>	Enhance State Oversight on Dangerous Goods	<b>A1-</b> Dangerous Goods (DG)workshop for States ‘inspectors	ICAO and ACAO. Supported by FAA		2021
		<b>A2-</b> Develop guidance material to support States’ inspectors for the conduct of the oversight for DG	States (TBD)		2022
		<b>A3-</b> Develop guidance material and providing webinar on Lithium batteries	IATA		2022
<b>G2-SEI-05:</b>	Human factors and Competence of Personnel	<b>A1-</b> Advisory Circular: Crew Resource Management Training Programme (CRM). (Action addressed under <b>G1-SEI-04:CFIT</b> )	IATA		2022
		<b>A2-</b> Organize Crew Resource Management Training workshop to share experience and best practices on CRM practical implementation	ICAO and ACAO, Supported by IATA and KSA. FAA to be conformed		2022
		<b>A3-</b> Conduct workshop/webinar on fatigue risk management and mental Health best practices	IATA and ACAO. Supported by CANSO, IFALPA, and Jordan,		2022
		<b>A4-</b> Organize Team Resource Management Training workshop to share experience and best practices on TRM practical implementation	ICAO, ACAO, IATA, CANSO, FAA, and States (TBD		2022

<b>G2-SEI-06:</b>	Impact of security on safety	<b>A1-</b> Circulate ICAO Doc 10084 Risk Assessment Manual for Civil Aircraft Operations Over or Near Conflict Zones	ICAO		2021
		<b>A2-</b> Organize seminar/Symposium to exchange experiences and good practices on assessing the risks and sharing of information related to the overflying of conflict zones in coordination with RASFG-MID and MIDANPIRG	ICAO and ACAO. Supported by IATA, CANSO, States (TBD)		2022
		<b>A3-</b> Encourage States to issue NOTAMs to share threats information emanated from conflict zones within their airspaces	ICAO		2021
<b>Goal 3: Ensure the Appropriate Infrastructure is available to Support Safe Operations</b>					
<b>G3-SEI-01:</b>	Certification of International Aerodromes	<b>A1-</b> Support States on the implementation of the ICAO Annex 14 requirements to achieve compliance with regards to Aerodrome Design and Operations, through Workshops/Training	ICAO and ACI. Supported ACAO	Training course conducted on implementing Annex 14, during period of 8-12 Nov2020	2022
		<b>A2-</b> Enhance capacity building for States CAAs and Airport operators related to aerodromes certification through Workshops/Training	ICAO and ACI		2022
		<b>A3-</b> Develop guidance material on Apron Management	States (UAE, Egypt)		

<b>G3-SEI-02:</b>	Establish Runway Safety Team (RST) at International Aerodromes	<b>A1-</b> Conduct of assistance missions by the Runway Safety Go-Team (RST)	ICAO. Supported RSP (Runway Safety Programme Partners)		2022
		<b>A2:</b> Support States to implement the Global Reporting Format Methodology through workshops/trainings: <b>(Action addressed under G1-SEI-02: Runway Excursion)</b>	ICAO and ACI. Supported CANSO, IATA, FAA and Aircraft Manufactures	Webinar has been conducted on 27 Oct 20	2022
<b>Goal 4: Expand the Use of Industry Programmes</b>					
<b>G4-SEI-01:</b>	Promote the Use of industry Programmes	<b>A1-</b> Encourage IATA's IOSA and ISAGO registrations through safety promotion	IATA		2022
		<b>A2-</b> Encourage the implementation of the ACI Airport Excellence (APEX) in Safety Programme	ICAO and ACI		2022
<b>Goal 5: Implementation of Effective SSPs and SMSs</b>					
<b>G5-SEI-01:</b>	Implement an effective Safety Management	<b>A1-</b> Conduct SSP training course in Cairo	ICAO		2021
		<b>A2-</b> Conduct SSP Workshop in coordination with ACAO in Casablanca, Morocco	ICAO and ACAO		2021
		<b>A3-</b> Provide SSP/SMS workshops for MID States personnel	ICAO. Supported by IATA, CANSO, ACI, and States (UAE)	SSP workshop conducted in Kuwait in March 20	2022
		<b>A4-</b> Develop guidance material on occurrence reporting for the CAA personnel on establishing an effective operation of the mandatory and voluntary reporting systems	States (UAE)		2022

		A5- Support and guide States in the development of NASPs through workshops and sharing of best practices	ICAO and States (UAE)		2022
		A6- Development of guidance for the processes and procedures for oversight of SMS	States (UAE)		2022
		A7- Deployment of the Aviation Safety Risk Management iPack	ICAO		2020
		A-8- Conduct assistance missions by SMIT to support States with SSP implementation	SMIT. Egypt, Saudi Arabia, Qatar and UAE. Supported by CANSO and IATA		2022
<b>Goal 6: Increase Collaboration at the Regional Level to Enhance Safety</b>					
	To be developed in the future				
<b>Regional Operational Safety Risks</b>					
<b>Goal 1: Achieve a continuous reduction in Operational Risks</b>					
<b>G1-SEI-01:</b>	Aircraft upset in flight (LOC-I)	A1- Guidance material on flight crew proficiency	IATA and Aircraft manufacturers		2022
		A2- Advisory Circular: Mode Awareness and Energy State Management Aspects of Flight Deck Automation	IATA and Aircraft manufacturers		2022
		A3- Conduct Upset Recovery Workshop	ACAO, IATA, and ICAO. Supported by FAA. Host State to be confirmed	ICAO, KSA, and FAA UPRT Feb 20	2022
		A4- Develop guidance material on Ground Handling	States (KSA)		

<b>G1-SEI-02:</b>	Runway Safety- Runway Excursion	A1- Support States to implement the Global Reporting Format Methodology through Webinar/ Workshops/Training	ICAO and ACI. Supported by CANSO, IATA, FAA and Aircraft Manufactures		2021
		A2- Guidance material on un-Stabilized Approach	IATA. Supported by CANSO and IFALPA		2022
<b>G1-SEI-03:</b>	Runway Safety- Runway Incursion	A1- Support States to implement aerodrome inspection through workshops/trainings	ICAO. Supported by FAA		2022
<b>G1-SEI-4:</b>	Controlled Flight into Terrain (CFIT)	A1- Advisory Circular: Guidance for Operators to Ensure Effectiveness of GPWS Equipment	IATA and Aircraft manufacturers		2022
		A2- Advisory Circular: Instrument Approach Procedures Using Continuous Descent Final Approach Techniques	IATA and Aircraft manufacturers		2022
		A3- Circulate ICAO Guidance Doc 1000 on Flight Data Analysis Programme (FDAP) to support States providing oversight to air operators	ICAO		2022
		A4- Advisory Circular: Crew Resource Management Training Programme (CRM)	IATA, Aircraft manufacturers		2022

<b>G1-SEI-05A:</b>	Loss of separation between civil and military aircraft”	<b>A1-</b> States and regional organizations to share occurrences and/or safety analysis/information related to Near Mid Air Collisions (NMACs) including to the “Loss of separation between civil and military aircraft” and ATM-SG to perform a technical analysis of the reported occurrences and and/or safety analysis/information and then come out with recommendations. The technical analysis of the reported occurrences and recommendations be shared with ASRG.	ICAO. Supported by IATA, CANSO, and States		2022
		<b>A2:</b> Guidance/raising awareness/coordination related to the civil and military cooperation in particular over high seas	ACAO and ICAO. Supported by States		
<b>G1-SEI-05B:</b>	Ensure the Safe Operations of UAS (drones)	<b>A1-</b> Circulate ICAO developed guidance and advisory circulars: Regulatory framework for the operation of drones to support states’ CAA personnel in the implementation and oversight of UAS operations	ICAO		2021
		<b>A2-</b> Organize symposium on Drones related subjects	ICAO, ACAO. Supported FAA		2021
		<b>A3-</b> States and regional organizations to share occurrences and/or safety analysis/information involving drones to ASRG to perform a technical analysis of the reported occurrences and come out with recommendations.	ICAO, IATA, ACI, CANSO, and States (TBD)		2022

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# ICAO Global Aviation Training

Creating training opportunities for  
Civil Aviation Authorities and Regulatory Bodies

Presentation for the  
ASPIG/2 Virtual Meeting  
24 to 26 November 2020

## 300+ Courses and Programmes

### Training Areas (9)

Aerodromes

Air Navigation Services

Air Transport

Aviation Law

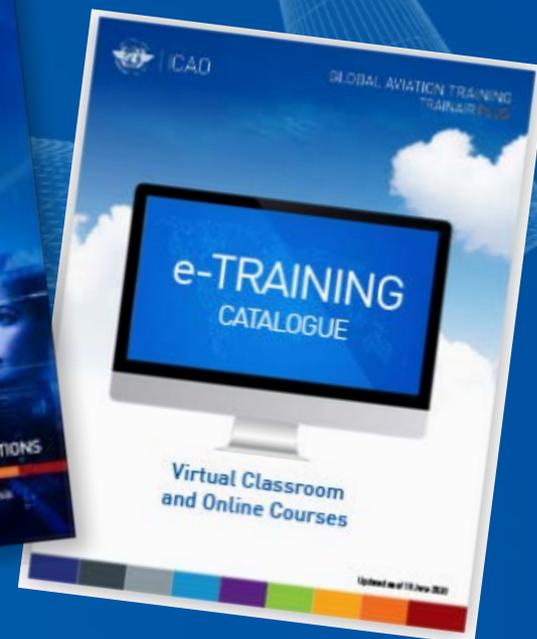
Environment

Flight Safety and Safety  
Management

Security and Facilitation

Training Competency  
Development

Aviation Management





## COVID-19 Response: “Learn anytime. Learn anywhere”

- ICAO has expanded its portfolio of virtual classrooms and online courses, making aviation training more accessible and affordable to support Member States.
- ICAO offers a training portfolio of **online and virtual classroom training courses (60 +)**, with deliveries in English, French, Spanish, Russian, Arabic, and Chinese.
- **Target audience:** Organizations or individuals, from both governmental (Civil Aviation Authorities (CAAs), Air Navigation Service Providers (ANSPs), and Airport Authorities) and non-governmental organizations.



# New Training Courses to Support COVID-19 Efforts

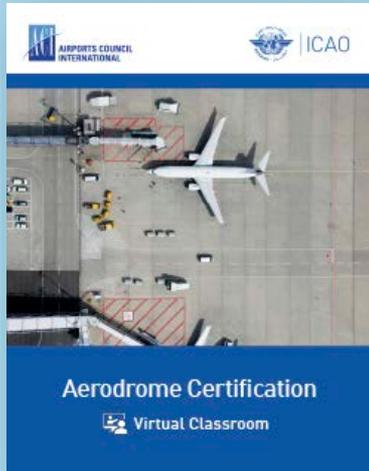
## Online

1. Establishing a Public Health Corridor
2. Repurposing Aircraft Passenger Cabin for Transport of Cargo
3. Unmanned Aviation Fundamentals
4. Digital Transformation in Aviation
5. Aerodrome Restart
6. Conducting a Technical Assistance Visit to CAPSCA Member States and Airports

## Virtual Classroom

1. CAA preparation for restarting operations during a pandemic
2. Safety Risk Management Fundamentals
3. COVID-19 Aviation Safety Risk Management for CAAs
4. ICAO Annex 9 - Facilitation
5. Safe Supply Chain
6. Air Cargo Safety Management
7. Government Safety Inspector Operations: Air Cargo Certification

# Aerodrome Virtual Classroom Courses



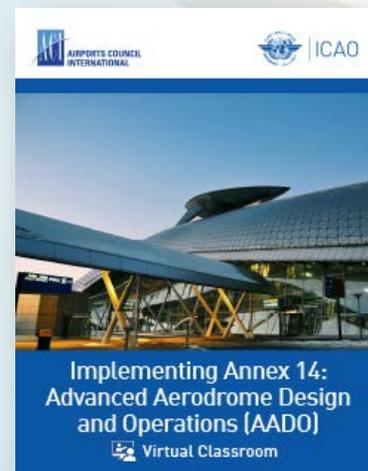
## ICAO-ACI Aerodrome Certification

The objective of this course is to provide airport operators with the knowledge and skills required to practically apply and maintain the aerodrome certificate.



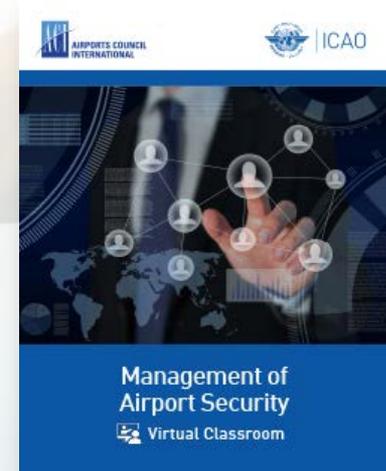
## ICAO-ACI Airport User Charges

This training course is based on the application of ICAO's policies on user charges.



## ICAO-ACI Implementing Annex 14: Advanced Aerodrome Design and Operations (AADO)

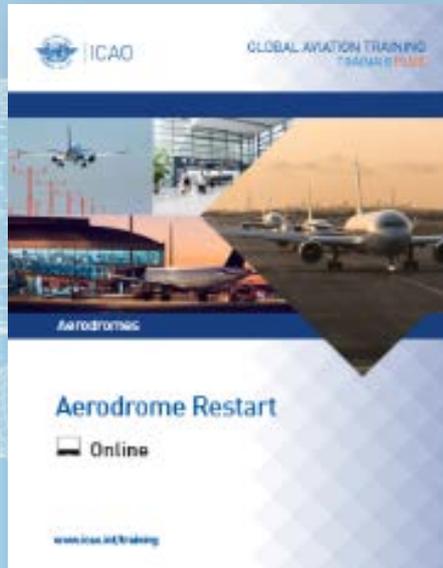
The goal of the course is to enable the target audience to support the implementation of the ICAO Annex 14 in their aerodromes to achieve compliance.



## ICAO-ACI Management of Airport Security

The ACI-ICAO Management of Airport Security course provides guidance to aviation security personnel at a managerial level on planning, coordinating and implementing airport security.

## Aerodrome Related Online Courses



### Aerodrome Restart

This engaging self-guided online course addresses the impact of the COVID-19 Pandemic on aerodromes, and the required interventions to ensure a safe restart.



### ICAO-ACI Global Reporting Format (GRF)

The Global Reporting Format (GRF) online course has been developed by ACI and ICAO to assist airport personnel to meet the new ICAO requirements for runway surface condition assessment and reporting.



### ICAO-IATA Introduction to the Global Reporting Format (GRF)

This course aims to assist aircraft operators and flight crew to understand and use the new runway condition reporting requirements

# Aerodrome Related Management Programmes



## Airport Management Professional Accreditation Programme (AMPAP)

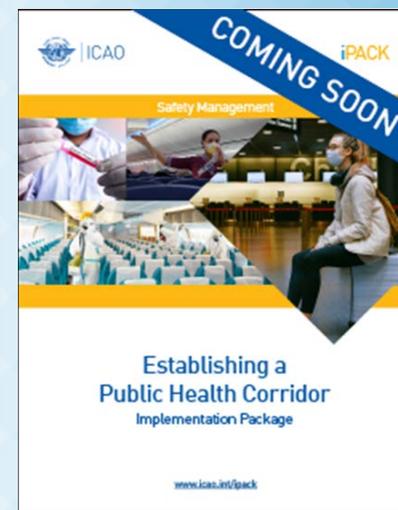
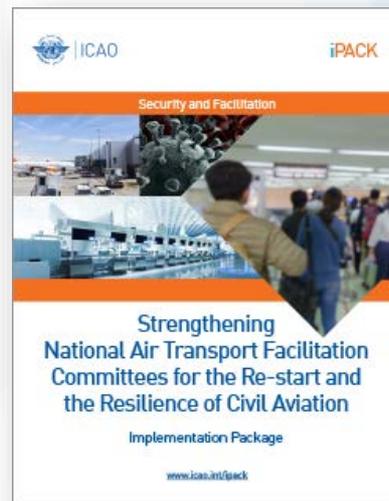
This is an executive development programme for airport executives worldwide. Its six-course curriculum covers all functional areas of the airport business and promotes adherence to the highest professional standards.



## Airport Safety Professional (ASP) designation programme

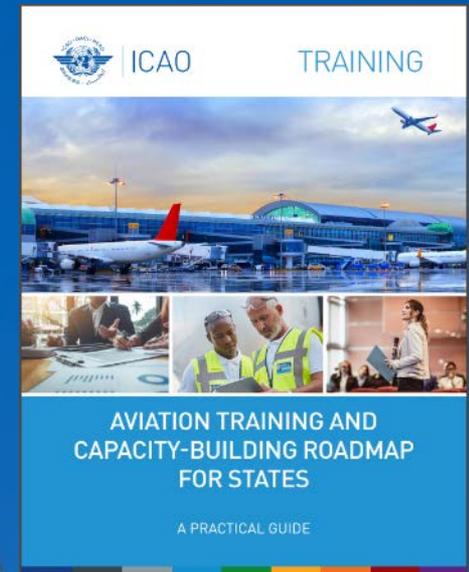
This is the premier global designation programme that leads to a unique and prestigious professional designation for airport safety professionals and civil aviation regulators.

# Training Components in Available iPacks



# Training consultancy services for a comprehensive support

1. Development and implementation of aviation training and capacity building roadmaps for States.
2. Conducting training needs analysis (TNA).
3. Assessment of aviation training centers.
4. Development and establishment of Training Centres.
5. Revision and development of documentation for training institutions (ie. Procedures Manual, Quality Manual etc).





# Thank you!

[www.icao.int/training](http://www.icao.int/training)



**Aerodrome Safety, Planning and Implementation Group  
(ASPIG/2) Virtual Meeting**  
**24-26 November 2020**

# APEX Programmes

## Advocacy and guidance

### APEX provides a peer-to-peer review

- ACI launched APEX in Safety programme in 2012 with the support of ICAO: since, we have completed more than 115 safety reviews and 30 in security, which was launched in 2017.
- The programme is a peer-to-peer review, providing access to a global network of expertise with support, training and mentoring
- Compliance with ICAO SARPs and ACI best practice
- APEX in Environment piloted in 2018 to assist members meet ACI best practices and is being designed as a voluntary peer review process
- A 2 phase approach offsite and onsite has now been developed to meet our current predicament

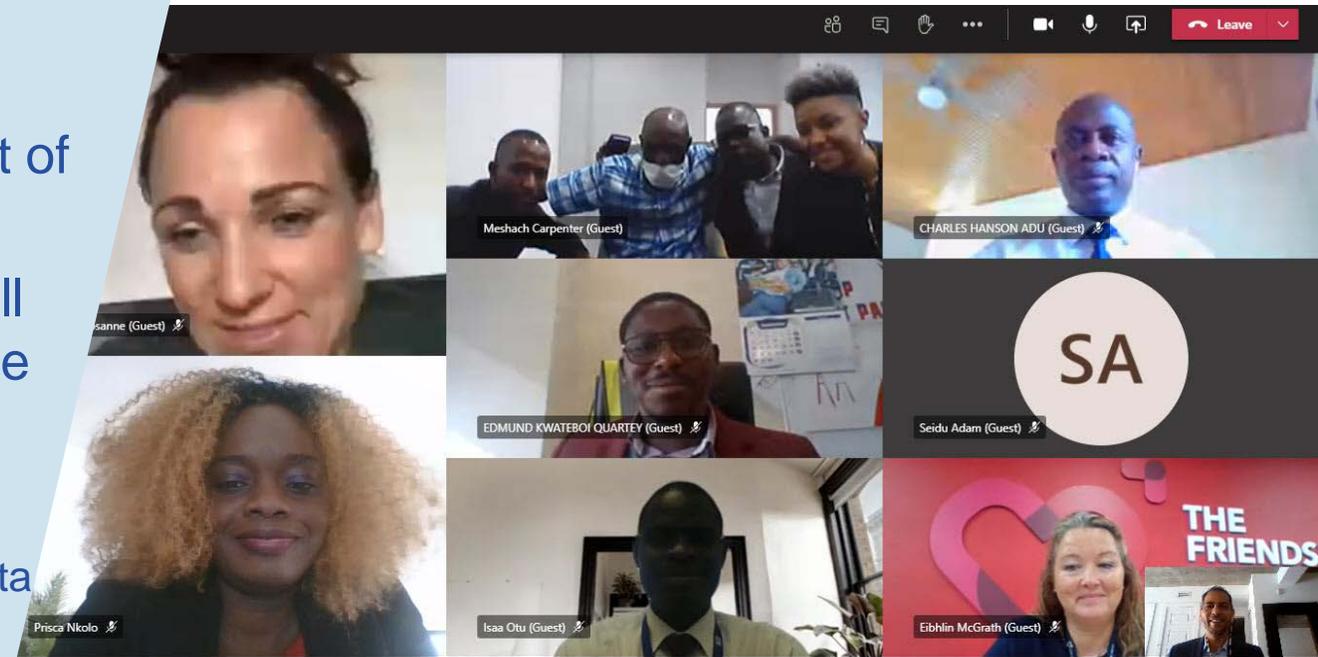


# Virtual Assessments

Enhancing opportunities



- APEX launched this summer a new virtual programme.
- This provides an in-depth look at various aspect of the safety spectrum.
- Unlike a regular APEX which provides an overall view and gap analysis on all areas of Aerodrome Certification, this targets particular topics.
- Topics available:
  - Aerodrome Manual ( as well as IAP, SOPs, runway data etc)
  - SMS
  - Wildlife Management
  - Pavement management
  - Crisis Management and AEP



[For more information: APEX Programmes](#)

# Other Programmes and opportunities



- Successful launch of the Airport Health Accreditation Programme end of July
- Launching this week a new Health Audit Programme – partnering with Bureau Veritas
- Also, ACI offers support to all its members in all areas of airport management through consulting partnership.



# Global Training

Promoting airport excellence

ACI GLOBAL TRAINING

- ACI's Global Training is the world's leading provider of airport management and operations education
- Many courses are in collaboration with ICAO, IATA and other institutions such as Universities
- Executive leadership coursework and exchanges
- Professional accreditation, subject-matter training for competency and customized training courses.
- ACI has been recognized by ICAO as a Corporate Partner in its Trainair Plus programme





# ASP

ACI • ICAO



## Global ACI-ICAO Airport Safety Professional (ASP) designation programme

The ASP designation aims to recognize the professional requirements of both the State regulators in demonstrating their proficient knowledge of relevant ICAO SARPs, and airport operations' managers in applying their professional expertise within their field.



# ASP Programme Objectives

The goal of this Programme is to:

- Accredit individuals as having acquired the knowledge and expertise to ensure the highest operational levels of safety at the airport;
- Recognize professional excellence in airport airside management;
- Increase professional knowledge and capability in the airport industry;
- Promote the adherence to uniform standards and recommended practices and awareness of best practices;
- Support the qualification requirements for ACI APEX safety assessors and ICAO USOAP assessors;
- Expand communication and networking among airport safety executives and regulators globally



ICAO



# ASP Programme Structure

To successfully complete the programme and obtain the ASP professional designation, candidates must:

**3-year** (36 months)

**1** Complete all three (3) mandatory courses:

- [ACI-ICAO Implementing Annex 14: Advanced Aerodrome Design and Operations](#)  
Duration: 5 days
- [ACI-ICAO Aerodrome Certification](#)  
Duration: 5 days
- [ACI-ICAO Global Reporting Format](#)  
Duration: 3 – 6 hours

**2** Complete one (1) elective course:

- [Airport Safety Management Systems \(SMS\) Implementation](#)  
Duration: 5 days
- [Safety Management for Practitioners \(SMxP\)](#)  
Duration: 6 days

**1-year** (12 months)

**3** Complete the online ASP programme examination

- [ASP Validation Exam](#)  
Duration: 3 hours

Visit the [ASP webpage](#) for more information.

# Virtual Training Calendar

Safety, Operations and Technical courses

## Now available

- **ACI-ICAO Implementing Annex 14: Advanced Aerodrome Design and Operations**
- **ACI-ICAO Aerodrome Certification**
- **Airport SMS Implementation**
- GSN 1 – Safety Management Systems
- Introduction to Airfield Operations
- Advanced Airport Operations
- Apron Management and Operations
- Terminal Operations
- Capacity Enhancement and Resource Planning
- **ACI-ICAO Global Reporting Format (on-demand)**

## Ready by 2021

- GSN 2 – Airside Safety and Operations
- GSN 3 – Emergency Planning and Crisis Management
- GSN 4 – Working with Annex 14
- GSN 5 – Advanced SMS
- Safety Risk Assessment
- SMS for Executive Managers
- Managing Aerodrome Works
- Wildlife Hazard Management

View ACI virtual training calendar: <https://aci.aero/global-training/virtual-training-calendar/>



# For more information

## Engagement Opportunities



**Please contact:**

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# Thank you

