# ICAO | GLOBAL AVIATION TRAINING
## TRAINAIR PLUS™

# 2018 COURSE CATALOGUE

- Aerodromes
- Air Navigation Services
- Air transport
- Environment
- Flight Safety & Safety Management
- Training Competency Development
- Security & Facilitation
- Management Programmes

## Build your Aviation Training Intelligence™

6TH EDITION

## ABOUT THE INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO) GLOBAL AVIATION TRAINING COURSE CATALOGUE

This comprehensive course catalogue comprises a complete profile of ICAO-harmonized training packages, including the following four categories:

1. **ICAO Training Package (ITP):** A training package developed by ICAO, or a Regional Training Centre of Excellence (RTCE) in cooperation with ICAO, using ICAO provisions and supporting ICAO programmes;

2. **Partnership Training Package (PTP):** A training package developed within the framework of a partnership agreement with Corporate Members and industry partners;

3. **Compliant Training Package (CTP):** An existing training package developed by TRAINAIR PLUS Members, using Member States' or industry requirements with operational content, and subsequently recognized by ICAO as compliant with ICAO provisions; and

4. **Standardized Training Package (STP):** A training package developed by TRAINAIR PLUS Members, using Member States' or industry requirements with operational content.

## THE TRAINING PACKAGES IN THIS CATALOGUE ARE CATEGORIZED ACCORDING TO THE FOLLOWING SEVEN SUBJECT AREAS:

AERODROMES

AIR NAVIGATION SERVICES

AIR TRANSPORT

ENVIRONMENT

FLIGHT SAFETY AND SAFETY MANAGEMENT

SECURITY AND FACILITATION

TRAINING COMPETENCY DEVELOPMENT

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This catalogue will be updated on an annual basis. For up-to-date information, please visit the ICAO Global Aviation Training website at **www.icao.int/training**.

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For more information, visit www.icao.int/training or write to aviationtraining@icao.int.

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# AERODROMES

**ITP**

# AERODROME SAFETY MANAGEMENT INCORPORATING PANS-AERODROMES

**CLASSROOM**

| | |
|---|---|
| Duration | **5** DAYS |
| Language | ENGLISH |

Fee per participant:
Hosted by Incheon Airport  Aviation Academy (IAAA) or by ICAO: US$2 000.
Hosted by TRAINAIR PLUS Members: Determined by host .

**Developed By**

Incheon Airport  Aviation Academy (IAAA)

**Target Population**

This training is most beneficial for safety managers and SMS practitioners from airport operators, ground handling organizations, aircraft operators and air traffic services.

**Course Aim**

This course will provide safety management systems (SMS) safety managers with necessary knowledge, skills and attitude to implement and maintain an effective safety management system at an aerodrome, in accordance with *ICAO Procedures for Air Navigation Services (PANS) - Aerodromes* (Doc 9981) as stipulated in ICAO Annex 14 — *Aerodromes*, Volume 1 and in ICAO Annex 19 — *Safety Management*.

**Course Objectives**

Upon successful completion of this course, participants will:

• describe the structure and processes of an aerodrome SMS based on an understanding of safety management concepts;
• develop a safety policy, objectives and procedures for the establishment of an effective SMS, including safety reporting and emergency response planning;
• analyze aerodrome operational hazards and safety risks;
• conduct aerodrome operational safety assessments, as per PANS-Aerodromes, for safety risk management, aeronautical and compatibility studies; and
• conduct safety assurance activities for the monitoring and measurement of safety risk management and safety performance at an aerodrome.

Note: The price of this course includes the ICAO Safety Management Training Programme (SMTP) online course.

**ITP**

# WILDLIFE & HABITAT MANAGEMENT AT AERODROMES - CONTROL & REDUCTION (PART 1)

**CLASSROOM**

| | |
|---|---|
| Duration | **4** DAYS |
| Language | ENGLISH |
| Developed by | |
| Target Population | |
| Course Aim | |
| Course Objectives | |

Fee per participant:
Hosted at Dublin International Aviation Training Academy (DIATA) or by ICAO Headquarters: US$1 500.
Hosted by TRAINAIR PLUS Members: Determined by host.

Dublin International Aviation Training Academy (DIATA)

This training is most beneficial for wildlife & habitat control officers.

This course will provide wildlife & habitat control officers with necessary knowledge, skills and attitude to perform effective wildlife and habitat management at aerodromes, in accordance with relevant ICAO provisions.

Upon successful completion of this course, participants will:

• define the importance of wildlife and habitat management at and in close proximity to the aerodrome;
• manage the roles and responsibilities of the wildlife & habitat control officer at the aerodrome;
• explain the Wildlife and Habitat Management procedures at the aerodrome;
• apply wildlife intervention & operational procedures at the aerodrome; and
• evaluate effectiveness of the Wildlife and Habitat Management techniques at the aerodrome.

Note: The 6.5 hour Refresher Module is also offered by DIATA at a cost of US$395.

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**PTP**

ONLINE
& CLASSROOM

# ICAO–ACI AERODROME CERTIFICATION COURSE

Duration

**5** DAYS

Fee per participant:
US$2 000

Language

ENGLISH

Target Population

The training is most beneficial for aerodrome management and operational-level personnel at international airports, whose task is to ensure that the process used in aerodrome certification is consistent with ICAO provisions. Participants should be involved in the aerodrome certification process and in their capacities as:

• Director/Manager Operations;
• Airport Operations Supervisor;
• Director/Manager Safety, Safety Supervisor/Officer;
• Ground Movement Controller/Apron Controller;
• Airside Maintenance Manager;
• Director/Manager Ground Handling;
• Airside Planner/Engineer; and
• Airport Authority Regulator.

Course Aim

Many international airports are yet to be fully certified and many that are certified are unable to apply the Standards and Recommended Practices (SARPs) as laid out in ICAO Annex 14 — *Aerodromes* and the *Manual on Certification of Aerodromes* (Doc 9774). The objective of this course is to provide airport operators with the knowledge and skills required to practically apply and maintain the aerodrome certificate.

Course Objectives

Upon successful completion of this course, participants will be able to:

• identify the purpose, process, and requirements to obtain aerodrome certification;
• identify the relevant ICAO documents and their purpose in aerodrome certification;
• implement ICAO SARPs pertaining to aerodrome certification;
• obtain "tips" from experts who have certified aerodromes; and
• participate with others from the industry in certification exercises.

**PTP**

# ICAO–ACI COURSE ON AIRPORT USER CHARGES

**CLASSROOM**

| | |
|---|---|
| **Duration** | **5** DAYS |

Fee per participant:
US$2 600

**Language**   ENGLISH

**Target Population**

The training is most beneficial for personnel at the executive level of international airports, whose task is to ensure that the process used to levy airport charges is consistent with ICAO's policies, such as:

• Airport Executive Director/General Manager;
• Airport Finance Directors, Managers, and staff;
• Airport Marketing and Commercial Managers, and staff; and
• Airport investors, airport business planners, and financial analysts.

**Course Aim**

This training course is based on the application of ICAO's policies on user charges. The course uses a blended learning approach combining an e-learning component followed by a workshop component. This course, which is jointly delivered by Airports Council International (ACI) and ICAO, reviews the main recommendations adopted by the Conference on the Economics of Airports and Air Navigation Services (CEANS), held in Montreal in September 2008; the ninth edition of *ICAO's Policies on Charges for Airports and Air Navigation Services* (Doc 9082), which was published in 2012; and the third edition of the *Airport Economics Manual* (Doc 9562), which was published in 2013.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• develop a policy for user charges compliant with international recommendations and best practices;
• fully understand the position of ICAO, ACI, and the International Air Transport Association (IATA) regarding airport charges;
• apply user charges;
• analyze costs for key airport areas;
• establish cost bases for the calculation of airport charges;
• allocate all costs between airport services and functions;
• apply charging policies to achieve the objectives of the airport;
• accurately calculate charges for airport services;
• calculate rates that achieve the best balance to generate revenue for an airport;
• develop a negotiating strategy to achieve airport business objectives; and
• negotiate charges and rates.

AERODROMES

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**STP**

159/002/AGA/AIR INSP
**CLASSROOM**

# AERODROME INSPECTION

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

Language — ENGLISH

Developed by — Incheon Airport Aviation Academy (IAAA), Republic of Korea

**Target Population**

The training is most beneficial for entry-level aerodrome inspectors and aerodrome agents who will become aerodrome inspectors.

**Course Aim**

This course will provide aerodrome inspectors with the necessary knowledge, skills, and attitude to ensure that aerodrome inspection procedures are implemented appropriately, in order to achieve the goal of safe and efficient aerodrome operations.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- employ standard communication phraseology for aerodrome inspection;
- conduct an aerodrome surface inspection and navigational aids (NAVAIDs);
- verify airside access and movement and conduct an inspection for the application of safety measures in the airside;
- verify the application of notices to airmen (NOTAM) and the safety management system (SMS); and
- inspect the presence of wildlife and aerodrome rescue and firefighting services (ARFFS).



ICAO TRAINAIR PLUS STP
Aerodrome Inspection Course
(159/002/AGA/AIR INSP)

TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

If you are not a TRAINAIR PLUS Member, please send your enquiries to aviationtraining@icao.int.

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**STP**

127/008/MGT AGA TEC/COMB
CLASSROOM

# MANEJO DE COMBUSTIBLES DE AVIACIÓN

Duration

**5** DAYS

Fee per participant:
To be determined by host

Language

Developed by

**THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.**

Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares. Ingeniero Roberto Kobeh González, México

Target Population

El curso está destinado a:

• técnicos operativos en combustibles de aviación;
• personal encargado del suministro de combustible a las aeronaves.

Course Aim

Desarrollar competencias específicas para el personal técnico operativo en combustibles de aviación alineadas al cumplimiento de sus funciones en el proceso de manejo de combustibles de aviación de forma segura y eficiente.

Course Objectives

Después de completar satisfactoriamente el curso los participantes tendrán la capacidad de:

• realizar las actividades del procedimiento de recepción de combustibles de aviación;
• aplicar las pruebas de control de calidad al combustible de aviación en la parte del proceso que le compete;
• ejecutar las funciones relacionadas con el procedimiento de almacenamiento de combustibles de aviación; y
• ejecutar las funciones relacionadas con el procedimiento de suministro de combustibles de aviación aplicando las medidas de seguridad requeridas.



Los miembros de la red TRAINAIR PLUS pueden adquirir los conjunto de material didáctico normalizado (CMDN) a través del sistema electrónico de gestión TRAINAIR PLUS (TPeMS).

Si usted no es miembro de la red TRAINAIR PLUS, favor de enviar sus solicitudes a aviationtraining@icao.int.

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**STP**

127/040/MGT FUEL
**CLASSROOM**

# COORDINACIÓN Y SUPERVISIÓN DEL PROCESO DE MANEJO DE COMBUSTIBLES DE AVIACIÓN

| | |
|---|---|
| **Duration** | **5** DAYS | Fee per participant:<br>To be determined by host |

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

**Developed by**

Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares. Ingeniero Roberto Kobeh González, México

**Target Population**

El curso está destinado al personal encargado de la coordinación y supervisión de los procedimientos involucrados en el manejo de combustibles de aviación en instalaciones de almacenamiento de combustibles y aeropuertos.

**Course Aim**

Al finalizar el CMDN los Coordinadores y supervisores del proceso de Manejo de Combustibles ejecutarán sus funciones en cumplimiento de los procedimientos basados en un Sistema de Gestión de la Calidad del Combustible.

**Course Objectives**

Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de aplicar los procedimientos establecidos para el manejo de combustibles de aviación a través del cumplimiento de las normas y métodos recomendados por las autoridades internacionales y nacionales a fin de elevar la seguridad, eficiencia y calidad en la recepción, el almacenamiento y el servicio de suministro.



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104/011/AGA MTC LIGHT
## CLASSROOM

# LOCATING A GROUND FAULT IN AN AIRFIELD LIGHTING SERIES CIRCUIT

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed by**

Aeronautical Safety College (ASC), Japan

**Target Population**

The training is most beneficial for electrical engineers and electricians working at airports for aeronautical lighting maintenance.

**Course Aim**

This course will provide electrical engineers and electricians with the necessary knowledge, skills, and attitude required to implement the newly invented method, which is quite different from the conventional way, using a DC clamp-on Milliammeter for locating ground faults within an hour.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• operate and prepare test equipment such as a DC clamp-on sensitive Milliammeter which can measure direct current less than 1mA in an aeronautical lighting cable;
• locate a ground fault in the simulated faulty series circuit using a DC clamp-on Milliammeter;
• explain the characteristic of the ground fault current, which occurs in an airfield lighting series circuit; and
• inspect the presence of wildlife and aerodrome rescue and firefighting services (ARFFS).



TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

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**STP**

104/012/AGA MTC ELC
**CLASSROOM**

# MANTENIMIENTO ELECTROMECÁNICO Y DE AYUDAS VISUALES EN LA CERTIFICACIÓN DE AERÓDROMOS

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

**Language**

**THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.**

**Developed by**

Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares. Ingeniero Roberto Kobeh González, México

**Target Population**

El curso está destinado a los técnicos especializados en electromecánica y ayudas visuales.

**Course Aim**

Brindar al área de mantenimiento los C/H/A necesarios para ejecutar sus funciones de acuerdo con las normas y procedimientos establecidos por la OACI, garantizando de esta manera la seguridad operacional de los servicios que se proporcionan en los aeropuertos del país.

**Course Objectives**

Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de:

• detectar anomalías en los equipos electromecánicos y en las ayudas visuales del aeródromo;
• verificar el funcionamiento de los equipos y ayudas visuales; y
• aplicar los procesos y procedimientos para el mantenimiento de equipos.



Los miembros de la red TRAINAIR PLUS pueden adquirir los conjunto de material didáctico normalizado (CMDN) a través del sistema electrónico de gestión TRAINAIR PLUS (TPeMS).

Si usted no es miembro de la red TRAINAIR PLUS, favor de enviar sus solicitudes a aviationtraining@icao.int.

**STP**

127/013/MGT AGA TEC/OPS
**CLASSROOM**

# OPERACIONES Y SERVICIOS AEROPORTUARIOS Y COMPLEMENTARIOS EN LA CERTIFICACIÓN DE AERÓDROMOS

**Duration**

# 5 DAYS

Fee per participant:
To be determined by host

**Language**

**THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.**

**Developed by**

Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares. Ingeniero Roberto Kobeh González, México

**Target Population**

El curso está destinado a:

- auxiliares de operaciones; y
- personal involucrado en las operaciones y servicios aeroportuarios y complementarios.

**Course Aim**

Al finalizar la implementación del CMDN, el personal de operaciones del aeropuerto ejecutará sus funciones en cumplimiento de los procedimientos basados en normativa nacional e internacional relativa a los servicios aeroportuarios y complementarios.

**Course Objectives**

Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de:

- aplicar los procedimientos para la verificación de anomalías en los aspectos operacionales del aeropuerto;
- supervisar la correcta ejecución de los servicios aeroportuarios y complementarios; y
- aplicar los procedimientos para la identificación de fauna en el aeropuerto.

Los miembros de la red TRAINAIR PLUS pueden adquirir los conjunto de material didáctico normalizado (CMDN) a través del sistema electrónico de gestión TRAINAIR PLUS (TPeMS).

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**STP**

209/014/SMS OTH/HSE
**CLASSROOM**

# MANAGING SAFETY AT AIRPORTS

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

**Language** — ENGLISH

**Developed by** — Gulf Centre for Aviation Studies (GCAS), United Arab Emirates

**Target Population** — The training is most beneficial for line managers, supervisors and individuals responsible for teams or groups of employees who require a basic knowledge of health and safety.

**Course Aim** — The course will provide participants with the knowledge and skills necessary for managing key health and safety aspects at airports, in accordance with applicable legislations.

**Course Objectives** — Upon successful completion of this course, participants will be able to:

• manage hazards;
• manage risks;
• investigate incidents and accidents; and
• measure health and safety performance.



Managing Safely At Airports
STP 209/014/SMS OTH HSE

TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

If you are not a TRAINAIR PLUS Member, please send your enquiries to aviationtraining@icao.int.

# ESTABLISHMENT OF AN AERODROME MANUAL

125/022/AGA MAN OPS
## ONLINE

**Duration**

# 35 HOURS ONLINE (OVER 4 WEEKS)

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed by**

The ASI Institute, a Division of Aviation Strategies International, Canada

**Target Population**

The training is most beneficial for:

- civil aviation authority (CAA) managers;
- aerodrome manual inspectors; and
- representatives of aerodrome operators/air navigation service providers.

**Course Aim**

This course aims to provide a clear understanding of the requirements and practical application of the processes needed for the approval of an aerodrome manual (AM) by the respective CAA.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- identify the need for an aerodrome manual;
- identify the key and essential elements of an aerodrome manual;
- create a process for the submission of an aerodrome manual;
- create the criteria by which the aerodrome manual will be assessed;
- create the means by which the aerodrome manual will be assessed;
- create a process for the approval/acceptance of the aerodrome manual;
- create a process for the rejection of the aerodrome manual and reapplication; and
- create a process for surveillance and monitoring of the aerodrome manual.

TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

If you are not a TRAINAIR PLUS Member, please send your enquiries to aviationtraining@icao.int.

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**STP**

300/024/AMARS
**CLASSROOM**

# AIRCRAFT MARSHALLING

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

Language | ENGLISH

Developed by | Sudan Academy for Aviation Sciences and Technology (SUDAFAST), Sudan

Target Population | The training is most beneficial for ab-initio and current marshallers who have not completed an approved aircraft marshalling course.

Course Aim | This course will provide aircraft marshallers with the necessary knowledge and skills to control the movement of aircraft on the apron in a safe and efficient manner according to local and internationally prescribed standards.

Course Objectives | Upon successful completion of this course, participants will be able to:

• marshal a simulated aircraft;
• inspect serviceability of the follow-me vehicle;
• inspect apron and taxiways;
• explain how to lead an aircraft; and
• brief an escortee.



Aircraft Marshalling Course
STP 300/024/AMARS

TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

If you are not a TRAINAIR PLUS Member, please send your enquiries to aviationtraining@icao.int.

**STP**

## RADIOTELEPHONY COMMUNICATION FOR AIRSIDE SAFETY OPERATORS

179/025/COM OPS/RDO
**CLASSROOM**

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

Language — ENGLISH

Developed by — Qatar Aeronautical College (QAC), Qatar

Target Population — The training is most beneficial for airside safety officers and vehicle operators.

Course Aim — This course will provide airside safety operators with the necessary knowledge, skills, and attitude required to effectively apply standard radio communication procedures/phraseology and adhere to markings/signage in accordance with national and international standards.

Course Objectives — Upon successful completion of this course, participants will be able to:

• identify airside markings and signage; and
• apply radiotelephony techniques using ICAO standard phraseology.

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**STP**

109/027/AGA EME
**CLASSROOM**

# AIRPORT EMERGENCY PROCEDURES

| | |
|---|---|
| **Duration** | **5** DAYS |

Fee per participant:
To be determined by host

**Language**  ENGLISH

**Developed by**  Nigerian College of Aviation Technology (NCAT), Nigeria

**Target Population**  The training is most beneficial for:

• fire fighters;
• air traffic controllers;
• staff of the Nigerian Emergency Management Agency (NEMA); and
• other airport workers and response agencies managing emergency situations, etc.

**Course Aim**  This course will provide participants with the necessary knowledge, skills, and attitude to effectively direct and manage an emergency case at an airport, prepare emergency exercises and drills at an airport and in the laboratory where available, establish an emergency operation centre and mobile command post, and assign responsibilities to organizations for carrying out specific actions within a projected time in response to an emergency occurrence at the airport.

**Course Objectives**  Upon successful completion of this course, participants will be able to:

• identify different types of emergencies;
• study airport emergency cases and airport emergency planning, particularly in respect to saving lives and maintaining airport operations within the shortest period of time; and
• practice evaluating each emergency case positively and negatively.



TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

If you are not a TRAINAIR PLUS Member, please send your enquiries to aviationtraining@icao.int.

**STP**

127/028/MGT AGA/BIR STR
**CLASSROOM**

# AIRPORT BIRD STRIKE MANAGEMENT

Duration

**5** DAYS

Fee per participant:
To be determined by host

Language

Developed by

Target Population

Course Aim

Course Objectives

**THIS COURSE IS CURRENTLY AVAILABLE IN CHINESE ONLY.**

首都机场集团管理有限公司(CAHM), 中国

机场鸟击防范员

该课程将使参加培训的人员具备必要的知识、技能和态度，确保鸟击防范工作得到适当执行，达到《民用机场安全运行管理规定》与本机场安全管理规定中关于鸟击防范工作安全、有效开展的目标。

鸟击防范员培训
通过参加此次课程，学员能够：

防范日常鸟情；
维保驱鸟设备；
处置鸟击事件；
治理飞行区内及机场周边生态环境；
分析月度、年度鸟情信息，撰写报告。

鸟击防范员培训课程
Airport Bird Strike Management

TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

If you are not a TRAINAIR PLUS Member, please send your enquiries to aviationtraining@icao.int.

**STP**

109/036/AGA/OPS DRI
**CLASSROOM**

# AIRSIDE DRIVING

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed by**

Gulf Centre for Aviation Studies (GCAS), United Arab Emirates

**Target Population**

The training is most beneficial for:

• airline operators;
• airport contractors;
• ground handlers; and
• airport operators.

**Course Aim**

This course will provide vehicle operators with the necessary knowledge and skills required to safely drive on the airside, in accordance with airside driving regulations.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• identify requirements for airside driving permits;
• apply standard airside driving procedures;
• identify aerodrome markings, lighting, and signage;
• comply with health and safety measures; and
• apply standard accident/incident reporting procedures.
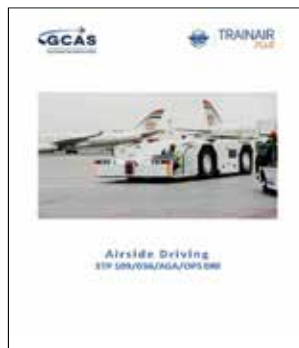
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## AERODROME FIREFIGHTERS BREATHING APPARATUS WEARER

**Duration**

**10** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed by**

Dublin International Aviation Training Academy (DIATA), Ireland

**Target Population**

The training is most beneficial for:

• aerodrome firefighters – new aerodrome firefighters - refresher, recurrent and revalidation training; and
• local authority firefighters responding to aerodrome emergencies.

**Course Aim**

To ensure student firefighters are fully competent and have the necessary skills, knowledge, and attitude to perform their roles in respect to all aspects of breathing apparatus used in aerodrome emergency response situations.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• identify toxic environments;
• initiate control procedures;
• analyse hazards;
• perform risk assessment;
• use BA control board;
• perform actions in smoke scenarios;
• perform actions in flames scenarios; and
• perform actions in confined spaces.



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AERODROMES

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**STP**

111/058/RFF BASI
CLASSROOM

# AIRCRAFT FIREFIGHTING AND RESCUE OPERATIONS

| | |
|---|---|
| Duration | **3** DAYS |

Fee per participant:
To be determined by host

**THIS COURSE IS CURRENTLY AVAILABLE IN CHINESE ONLY.**

Language

**Developed by** Capital Airports Holdings Management Co., Ltd. (CAHM), China

**Target Population** The training is most beneficial for airport firefighters.

**Course Aim** This course provides the airport firefighters with the necessary knowledge, skills, and attitude to enable them to effectively perform aircraft firefighting and rescue operations, according to the related standards and procedures.

**Course Objectives** Upon successful completion of this course, participants will be able to:

• prepare for aircraft firefighting and rescue operations;
• conduct a complete aircraft firefighting operation; and
• conduct a complete rescue operation.



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# LUTTE CONTRE LES FEUX MINEURS D'AVION

**Duration**

# 10 DAYS

Fee per participant:
To be determined by host

**Language**

## THIS COURSE IS CURRENTLY AVAILABLE IN FRENCH ONLY.

**Developed by**

Ecole Régionale de Sécurité Incendie (ERSI)

**Target Population**

- **La population primaire:** pompiers d'aérodrome appelés à exercer directement le métier sur le terrain opérationnel. Elle est formée à l'ERSI.
- **La population cible secondaire:** Les chefs de manoeuvre, chefs de brigade et les cadres SLI appelés à superviser les opérations de lutte contre incendie sur le terrain opérationnel.

**Course Aim**

Ce cours permettra de donner aux pompiers d'aérodrome les connaissances, les capacités et les attitude nécessaires pour que les procédures d'intervention soient mises en œuvre de manière appropriée afin de réaliser l'objectif du sauvetage et de la lutte contre l'incendie assuré dans nos aérodromes.

**Course Objectives**

À l'issue de ce cours, les participants seront en mesure de :

- apprêter les moyens d'intervention sur feux mineurs d'avion;
- lutter contre les feux de train d'atterrissage;
- lutter contre les feux de moteurs;
- lutter contre les feux de soute à bagages; et
- sauver les vies humaines en cas de feu mineur d'avion.



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**STP**

311/065/AGA ISMS AUD
**CLASSROOM**

# AIRPORT ISMS INTERNAL AUDIT

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN CHINESE ONLY.

**Developed by**

Capitol Airports Holdings Management Co., Ltd. (CAHM), China

**Target Population**

The training is most beneficial for new Airport Information Security Management System (ISMS) Internal Auditors.

**Course Aim**

This course provides airport ISMS internal auditors with the necessary knowledge, skills, and attitude to enable them to effectively perform airport ISMS internal auditing according to the related standards and procedures.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• make preparations for an ISMS internal audit;
• carry out an ISMS internal audit;
• provide feedback to related sectors; and
• evaluate the effectiveness of corrective actions.



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**STP**

CLASSROOM

# MITIGACIÓN DEL RIESGO POR FAUNA EN AEROPUERTOS

Duration

**5** DAYS

Fee per participant:
To be determined by host

Language

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

Developed by

Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares. Ingeniero Roberto Kobeh González, México

Target Population

El curso está destinado a los responsables de realizar actividades tales como la identificación y control de fauna en un aeropuerto, al igual que la implementación y ejecución de su plan de manejo.

Course Aim

Desarrollar competencias específicas para el responsable de realizar las actividades de manejo de fauna a fin contribuir a la seguridad operacional en un aeropuerto.

Course Objectives

Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de:

• aplicar procedimientos y técnicas adecuadas para el manejo de fauna en aeropuertos contribuyendo a la seguridad y calidad de las operaciones y servicios aeroportuarios mediante el cumplimiento de las normativas internacionales y nacionales; y
• aplicar los conocimientos y habilidades necesarias para la ejecución de funciones como responsable de actividades de manejo de fauna.



Los miembros de la red TRAINAIR PLUS pueden adquirir los conjunto de material didáctico normalizado (CMDN) a través del sistema electrónico de gestión TRAINAIR PLUS (TPeMS).

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**STP**

126/071/MGT AGA ATT
**CLASSROOM**

# AIRPORT VIP ATTENDANT

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

**THIS COURSE IS CURRENTLY AVAILABLE IN CHINESE ONLY.**

**Developed by**

Capital Airports Holdings Management Co. Ltd.

**Target Population**

The training is most beneficial for the current Airport VIP Attendants who need recurrent training.

**Course Aim**

The course provides the airport VIP attendants with necessary knowledge, skills, and attitude to ensure that airport VIP guest service is conducted effectively and efficiently, according to the related standards and procedures.

**Course Objectives**

Upon successful completion of this course, participants will be able to provide VIP guest service, as well as:

• booking service;
• reception service;
• drop service; and
• pick-up service.



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**STP**

179/051/COM OPS/AIR PRO
**CLASSROOM**

# COMMUNICATION PROCEDURES FOR AIRSIDE OPERATIONS

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed by**

Civil Aviation Training Centre, Thailand

**Target Population**

The training is most beneficial for:

- airside personnel from Civil Aviation Authorities;
- airport operators;
- airline officers; and
- government representatives who are responsible for the airside operations.

**Course Aim**

This course will provide involved staff with competency capabilities to perform their duties in a safe and efficient way to maintain the safety operations and services in accordance with the rules and standards in force.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- apply the correct terminologies and communication procedures;
- justify data and coordinate with relevant units;
- manage rules and regulations for airside operations; and
- provide assistance to aircraft in abnormal situations.



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**STP**

109/097/AGA RWY INC
**CLASSROOM**

# RUNWAY INCURSION PREVENTION

| | |
|---|---|
| Duration | **36** HOURS |

Fee per participant:
To be determined by host

| | |
|---|---|
| Language | ENGLISH |
| Developed by | Federal Aviation Administration (FAA) Academy |
| Target Population | The training is most beneficial for: |

- pilots;
- air traffic controllers;
- airport vehicle operators; and
- aerodrome managers.

**Course Aim**

This course aims to reduce or eliminate runway incursions by increasing awareness of causal factors.

**Course Objectives**

Upon successful completion of this course, participants will be able to identify:

- select terms and definitions associated with runway safety;
- risks to runway safety and factors that contribute to the rise in runway incursions;
- purpose and scope of ICAO *Manual for Prevention of Runway Incursions* (Doc 9870);
- purpose of runway incursion prevention programs and runway safety teams;
- common runway incursion scenarios;
- common factors that could contribute to a runway incursion;
- purpose and benefits of a standardized approach to runway incursion incident reporting and data collection;
- communication procedures to prevent runway incursions;
- procedures for runway safety teams;
- problems that contribute to the breakdown of communication;
- visual aids to help maintain situational awareness;
- best practices for taxi operations; and
- usefulness of Standard Operating Procedures (SOP).

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**STP**

127/091/MGT AGA SMS
**CLASSROOM**

# COORDINACIÓN DE LAS OPERACIONES AEROPORTUARIAS

Duration

**5** DAYS

Fee per participant:
To be determined by host

Language

**THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.**

Developed by

Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares. Ingeniero Roberto Kobeh González, México

Target Population

El curso está destinado a:

• personal encargado de la coordinación y gestión de las operaciones aeroportuarias así como su supervisión;
• jefe o coordinador de operaciones;
• personal auxiliar de operaciones candidato a ser promocionado; y
• personal en puesto de nuevo ingreso.

Course Aim

Proveer al personal encargado de la supervisión y gestión de las operaciones aeroportuarias de los conocimientos, habilidades y actitudes necesarias para el desempeño y mejoramiento de las competencias en su puesto de trabajo.

Course Objectives

Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de:

• completar los formatos relativos a la operación aeroportuaria; y
• verificar el cumplimiento de los aspectos operacionales en el aeródromo visitado.

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**STP**

111/086/RFF PRI
**CLASSROOM**

# PRINCIPES DE LUTTE CONTRE L'INCENDIE D'AÉRONEF

Duration

**5** DAYS

Fee per participant:
To be determined by host

Language

Developed by

Target Population

Course Aim

Course Objectives

**THIS COURSE IS CURRENTLY AVAILABLE IN FRENCH ONLY.**

Centre Français de Formation des Pompiers d'Aéroport (C2FPA), France

Le cours s'adresse aux pompiers d'aérodrome en activité, dans le cadre du maintien et développement des compétences.

Ce cours a pour but de doter les pompiers d'aérodrome des connaissances, habiletés (capacités) et attitudes nécessaires pour mettre en œuvre les Principes de Lutte Contre l'Incendie d'Aéronef (PLCIA).

À l'issue de ce cours, les participants seront en mesure de:

• s'apprêter pour une intervention;
• décrire les différents ordres du Chef de Manœuvre;
• intervenir sur des feux généralisés; et
• intervenir sur des feux localisés.



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**300/084/AMARS**
**CLASSROOM**

# DÉPART AU CASQUE

**Duration**

# 5 DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN FRENCH ONLY.

**Developed by**

CAMAS International, France

**Target Population**

Nouvelles recrues amenées à réaliser des opérations de départ au casque et assistants pistes en poste n'ayant pas suivi de formation formelle au départ au casque.

**Course Aim**

Ce cours a pour but de doter les assistants pistes des connaissances, habiletés et attitudes nécessaires à la réalisation des opérations de départ au casque en français et en anglais dans les meilleures conditions de sécurité pour l'appareil, les personnes à bord et eux-mêmes.

**Course Objectives**

En fin de formation les participants seront capables de:

- mobiliser le matériel nécessaire au départ au casque;
- communiquer avec l'équipage et le conducteur d'engin à l'aide des gestes conventionnels;
- communiquer en employant les termes techniques adaptés en français et en anglais;
- vérifier les points de contrôles de l'aéronef avant depart;
- mettre en œuvre les procédures avant, pendant et après le repoussage de l'aéronef; et
- mettre en œuvre les procédures adaptées aux situations particulières et aux situations d'urgence.



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**STP**

127/089/MGT AGA PAV
**CLASSROOM**

# AIRPORT PAVEMENT EVALUATION

| Duration | **5** DAYS | Fee per participant: To be determined by host |
|---|---|---|

**Language**          ENGLISH

**Developed by**       Civil Aviation Training Centre of Korea Airports Corporation (KAC), Republic of Korea

**Target Population**  The training is most beneficial for Airport Civil Engineers (ACEs) assigned to the tasks of airport pavement evaluation and having at least two years' experience.

**Course Aim**         This course will provide ACEs with the necessary knowledge, skills, and attitude to ensure that they will be able to evaluate the airport pavement effectively and efficiently in accordance with ICAO Standards and national regulations.

**Course Objectives**  Upon successful completion of this course, participants will be able to:

• develop a pavement evaluation plan;
• conduct a pavement survey;
• analyze pavement surface conditions;
• analyze pavement strength; and
• develop a repair and rehabilitation plan.

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# AERODROME CONTROLLER REFRESHER

**Duration**

**10** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed by**

Air Transportation Human Resources Development Center, Indonesia

**Target Population**

The training is most beneficial for Air Traffic Control Officers.

**Course Aim**

This course will ensure that the knowledge, skills, and attitude of the aerodrome controllers are maintained and reinforced on a regular basis so that they will be able to control air traffic within aerodromes effectively and efficiently, in accordance with ICAO Standards and Recommended Practices (SARPs) and national regulations.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• control aircraft on manoeuvring area;
• control traffic other than aircraft on manoeuvring area;
• control visual flight rules (VFR) flights;
• control instrument flight rules (IFR) flights; and
• manage traffic in abnormal conditions.



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## AIRPORTS OPERATION AND COORDINATION – ASSISTANT DUTY MANAGER

**AERODROMES**

**AIR NAVIGATION SERVICES**

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Duration

**5** DAYS

Fee per participant:
To be determined by host

Language

**THIS COURSE IS CURRENTLY AVAILABLE IN CHINESE ONLY.**

Developed by

Capital Airports Holdings Management Co., Ltd., China

Target Population

The training is most beneficial for new Assistant Duty Managers.

Course Aim

This course provides the Assistant Duty Managers with the necessary knowledge, skills, and attitude to enable them to effectively coordinate various operations at the airport operation control centre, according to the related standards and procedures.

Course Objectives

Upon successful completion of this course, participants will be able to:

• resolve airport daily operation events;
• resolve operation abnormal events;
• ensure airport operation under special weather conditions;
• resolve emergency events;
• ensure the smoothness and efficiency of VIP and important transport flights; and
• issue operation reports.

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**STP**

149/082/MED FIRST- AID
## CLASSROOM

# AIRPORT FIRST-AID EXERCISES SUPERVISOR

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN CHINESE ONLY.

**Developed by**

Capital Airports Holdings Management Co., Ltd., China

**Target Population**

The training is most beneficial for current on-the-job airport first-aid exercises management personnel.

**Course Aim**

This course provides the airport first-aid exercises supervisors with the necessary knowledge, skills, and attitude to enable them to effectively organize the airport first-aid exercises, according to the related standards and procedures.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• prepare the general plan for annual first-aid exercises;
• develop the detailed plan for carrying out first-aid exercises;
• provide support for the conduct of first-aid exercises; and
• evaluate the result of first-aid exercises.

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**STP**

109/081/AGA BHS SUP
**CLASSROOM**

# AIRPORT BHS OPERATION AND MAINTENANCE SUPERVISOR

Duration

**5** DAYS

Fee per participant:
To be determined by host

Language

**THIS COURSE IS CURRENTLY AVAILABLE IN CHINESE ONLY.**

Developed by

Capital Airports Holdings Management Co, Ltd., China

Target Population

The training is most beneficial for current on-the-job Airport Baggage Handling Systems (BHS) Operation and Maintenance Supervisors.

Course Aim

This course provides the BHS Operation and Maintenance Supervisors with necessary knowledge, skills, and attitude to enable them to effectively supervise BHS operation and maintenance and assist in taking over new BHS, according to the related standards and procedures.

Course Objectives

Upon successful completion of this course, participants will be able to:

• establish maintenance standards;
• prepare maintenance plans;
• conduct equipment maintenance quality control;
• resolve daily BHS operation events;
• conduct system operation quality control;
• track new BHS testing;
• compile an operations manual; and
• develop emergency pre-plans.



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**STP**

109/031/AGA REG
CLASSROOM

# CURSO REGULACIONES DE AERODROMO

Duration

**5** DAYS

Fee per participant:
To be determined by host

Language

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

Developed by

Centro de Adiestramiento de la Aviación (CAA), Cuba

Target Population

El curso está destinado a:

- Especialistas de Aeródromo;
- Técnicos de Aeródromo;
- Especialistas, técnicos relacionados a la actividad de aeródromos; y
- Directivos vinculados a decisiones gerenciales referentes a la especialidad de aeródromo.

Course Aim

Proporcionar a los directivos, especialistas y técnicos de aeródromo los conocimientos, habilidades y actitudes que se requieren en la elaboración de normas y procedimientos cumpliendo con las regulaciones nacionales e internacionales.

Course Objectives

Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de:

- Elaborar procedimientos, normas e instrucciones para la ejecución de diferentes trabajos en los aeródromos; y
- Supervisar el estado de cumplimiento de las normas según los estandartes establecidos por las Normas y Recomendaciones de la OACI (Anexo 14), las Regulaciones Aeronáuticas Cubanas (RAC 14) y las normas del Sistema de Gestión de la Calidad.

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**STP**

109/112/AGA RWY SNW
**CLASSROOM**

# RUNWAY SNOW REMOVING OPERATIONS MANAGEMENT

Duration

# 5 DAYS

Fee per participant:
To be determined by host

Language

**THIS COURSE IS CURRENTLY AVAILABLE IN CHINESE ONLY.**

Developed by

Capital Airports Holdings Management Co., Ltd.

Target Population

The training is most beneficial for new runway snow removing on-site senior officers.

Course Aim

This course provides the runway snow removing on-site senior officers with the necessary knowledge, skills and attitude to enable them to effectively direct runway snow removing operations, according to related standards and procedures.

Course Objectives

Upon successful completion of this course, participants will:

• make preparations for runway snow removal;
• oversee runway snow removal; and
• finalize runway snow removal.



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# AIRPORT INFORMATION SERVICE MANAGEMENT

Duration

**5** DAYS

Fee per participant:
To be determined by host

Language

**THIS COURSE IS CURRENTLY AVAILABLE IN CHINESE ONLY.**

Developed by

Capital Airports Holdings Management Co., Ltd.

Target Population

The training is most beneficial for new supervisors of Passenger Service

Course Aim

This course provides Passenger Service Supervisors with the necessary knowledge, skills and attitude to ensure the airport information service is conducted effectively and efficiently, according to related standards and procedures.

Course Objectives

Upon successful completion of this course, participants will:

• supervise training; and
• conduct quality control.

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**STP**

126/118/AGA COME
**CLASSROOM**

# AIRPORT COMMERCIAL PLANNING

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

Language | ENGLISH

Developed by | Civil Aviation Training Center of Korea Airports Corporation, South Korea

Target Population | The training is most beneficial for airport managers who work in the strategy, airport operation and planning team, such as Airport Terminal Operators (ATOs).

Course Aim | This course provides ATOs with the necessary knowledge, skills, and attitude to ensure they will be able to develop a concession development plan effectively and efficiently, in accordance with national regulations.

Course Objectives | Upon successful completion of this course, participants will:

• prepare airport commercial planning;
• determine passengers' needs;
• develop commercial programs at airports; and
• finalize concession development plans.



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## ESTABLISHING AIRPORT OPERATION COORDINATIVE PLATFORM

127/115/MGT AGA TEC OCC
**CLASSROOM**

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

**THIS COURSE IS CURRENTLY AVAILABLE IN CHINESE ONLY.**

**Developed by**

Capital Airports Holdings Management Co, Ltd., China

**Target Population**

The training is most beneficial for current operation and planning managers working in the airport general operation control centre.

**Course Aim**

This course provides the operation and planning managers working in the airport general operation control centre with the necessary knowledge, skills, and attitude to ensure the Airport Operation Coordinative Platform (AOCP) is established effectively and efficiently, according to related standards and procedures.

**Course Objectives**

Upon successful completion of this course, participants will:

• establish Strategic Coordination Platform;
• establish Information Coordination Platform;
• establish Coordinative Decision-Making Platform;
• establish Coordinative Execution Platform; and
• establish Coordinative Management Platform.



建立机场运行协调平台
Establishing the Airport Operation Coordinative Platform
127/115/MGT AGA TEC OCC

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**STP**

125/114/MGT AGA ADM EQ
**CLASSROOM**

# AIRPORT EMPLOYEE ENTRY QUALIFICATION MANAGEMENT

Duration

**5** DAYS

Fee per participant:
To be determined by host

Language

**THIS COURSE IS CURRENTLY AVAILABLE IN CHINESE ONLY.**

Developed by

Capital Airports Holdings Management Co, Ltd., China

Target Population

The training is most beneficial for new managerial staff in charge of airport employee entry qualification management.

Course Aim

This course provides the entry qualification managerial staff with the necessary knowledge, skills, and attitude to ensure the airport employee entry qualification management is conducted effectively and efficiently, according to related standards and procedures.

Course Objectives

Upon successful completion of this course, participants will:

• review the units register applications;
• review the airport employee authorized entry areas applications;
• manage airport employee entry qualification training materials;
• manage airport employee entry qualification training instructors;
• manage airport employee entry qualification tests;
• manage the permits scoring system;
• manage the permits scoring inspectors; and
• manage the illegal use of airport permits.



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**STP**

110/090/RFF DRV
**CLASSROOM**

# CURSO DE OPERADOR DE VEHÍCULOS ARFF

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MANAGEMENT PROGRAMMES

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

**Developed by**

Centro de Instrucción, Perfeccionamiento y Experimentación (CIPE), Argentina

**Target Population**

El curso está destinado a los bomberos aeroportuarios.

**Course Aim**

El propósito de la instrucción es capacitar al personal operador de vehículos ARFF para que desarrollen los conocimientos, habilidades y actitudes necesarios que contribuyan en primera instancia, a la eficacia de la respuesta del Servicio de Salvamento y Extinción de Incendios, impactando directamente en la seguridad operacional de los Aeródromos; y en segunda instancia, a la eficiencia en la utilización de los recursos asignados al Servicio de Salvamento y Extinción de Incendios (SSEI).

**Course Objectives**

Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de:

• inspeccionar y mantener preventivamente los vehículos ARFF para asegurar la operatividad de los mismos;
• conducir los vehículos respetando las normas y procedimientos seguros; y
• operar los vehículos haciendo uso apropiado de los diferentes componentes, equipos, accesorios y agentes extintores.



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**STP**

125/079/AGA SVC SUP
## CLASSROOM

# SUPERVISIÓN DE LOS SERVICIOS EN PLATAFORMA Y ÁREA DE MOVIMIENTO ABIERTO A TRAFICO CIVIL

**Duration**

# 5 DAYS

Fee per participant:
To be determined by host

**Language**

**THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.**

**Developed by**

Escuela Técnica de Aviación Civil (ETAC), Ecuador

**Target Population**

El curso está destinado a los supervisores gubernamentales de plataforma, supervisores de plataforma de operadores de aeropuertos y de los explotadores de aeronaves.

**Course Aim**

Capacitar al personal responsable de la supervisión de plataforma y área de movimientos en los aeropuertos a fin de desarrollar los conocimientos habilidades y actitudes necesarias para llevar a cabo las tareas de supervisión según los estándares establecidos pos OACI y las regulaciones nacionales aplicables.

**Course Objectives**

Después de completar satisfactoriamente el curso, los participantes obtendrán las competencias para que, a nivel de supervisión, sean capaces de:

• verificar el estado de las ayudas visuales y la pista;
• supervisar procedimientos de control de personas, vehículos y equipos de protección personal;
• supervisar el procedimiento de embarque y desembarque de pasajeros, de carga y descarga de aeronaves;
• notificar los peligros detectados;
• eliminar objetos foráneos; y
• actuar conforme al procedimiento de accidente, incidente o desastre natural en el aeródromo.



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# RUNWAY RUBBER REMOVAL

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed by**

Indian Aviation Academy

**Target Population**

- **The primary target population:** Airside maintenance engineers.
- **The secondary target population:** Airside operations managers and Civil Aviation Authority (CAA) aerodrome inspectors/auditors.

**Course Aim**

This course will provide participants with knowledge, skills and attitude to enable them to effectively and efficiently monitor rubber deposits on runways and apply appropriate removal methodology to obtain requisite friction level.

**Course Objectives**

Upon successful completion of the course, participants will be able to:

- initiate suitable Notice to Airmen (NOTAM) action to measure friction value of runway surface / for runway rubber removal;
- identify causes of reduction in friction value of runway surface and its effect on aircraft movement on active runway;
- appreciate the importance of maintaining requisite friction value on runways;
- measure runway friction value with the help of a friction tester;
- measure runway friction value when no friction tester is available;
- identify the low-friction areas; and
- apply appropriate rubber deposit removal method considering the runway surface material and extent of deposits.



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**STP**

119/147/RFF LFF
**CLASSROOM**

# CURSO PRÁCTICO DE FUEGO VIVO PARA BOMBEROS AERONÁUTICOS

Duration

## 2 DAYS

Fee per participant:
To be determined by host

Language

**THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.**

Developed by

Instituto Centroamericano de Capacitación Aeronáutica (ICCAE) de COCESNA, El Salvador

Target Population

El curso está destinado a los bomberos aeronáuticos en activo que cuentan con experiencia previa desempeñándose en un Aeropuerto.

Course Aim

Capacitar de forma práctica a los bomberos aeronáuticos a fin de que éstos sean capaces de demostrar conocimientos, habilidades y actitudes que les permitan controlar y extinguir incendios haciendo un uso adecuado de los agentes extintores y aplicando técnicas apropiadas para el rescate de víctimas en incendios de aeronaves.

Course Objectives

Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de:

- implementar procedimientos de seguridad durante el control y la extinción de incendios en las aeronaves;
- controlar incendios en los diferentes componentes de las aeronaves (externos e internos)
- extinguir incendios en los diferentes componentes de las aeronaves (externos e internos); y
- ejecutar procedimientos de rescate en aeronaves incendiadas



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126/139/MGT AGA CSQM
## CLASSROOM

# AIRPORT CUSTOMER SERVICE QUALITY MANAGEMENT

**Duration**

**4** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed by**

Incheon Airport Aviation Academy (IAAA)

**Target Population**

**The primary target population:** Entry level customer service quality managers (CSQM) in the airport and customer service agents becoming quality managers in the airport.

**The secondary target population:** Operational staff whose job is related to customer service in the airport.

**Course Aim**

This course will provide entry level customer quality managers, customer service agents and operational personnel who are involved in airport customer service quality management and terminal operations with the necessary knowledge, skills and attitude to ensure the service offerings are implemented satisfactorily, in order to accomplish the goal of reaching high-level customer satisfaction, in accordance with corresponding standards and recommended practices.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• maintain airport customer service standards;
• inspect field operations based on the Service Level Agreement (SLA);
• manage Voice of Customer (VOC);
• manage customer satisfaction surveys; and
• review the airport community alignment programmes.

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**STP**

101/153/AGA PRM
**CLASSROOM**

# INFRASTRUCTURE AND FACILITIES FOR PASSENGERS WITH REDUCED MOBILITY (PRM)

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed by**

Indian Aviation Academy, India

**Target Population**

The training is most beneficial for:

• airport engineers who are responsible for creating and maintaining requisite infrastructure and facilities for PRMs;
• facilitation managers who are responsible for ensuring smooth transit of PRMs through an airport; and
• airport planners who are involved in the initial phase of planning.

**Course Aim**

This course aims to provide participants with the knowledge, skills and attitude required to create and maintain the infrastructure and facilities at an airport to enable passengers with reduced mobility (PRM) to pass through the airport in a safe and efficient manner, in accordance with the rights of persons with disabilities act 2016, Government of India and DGCA India CAR Section 3- Air Transport series-M, part-1, issue-3.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• identify the special needs of PRMs travelling through an airport;
• establish infrastructure and facilities at appropriate locations as per standard;
• maintain infrastructure and facilities; and
• manage PRMs service alignment programme.
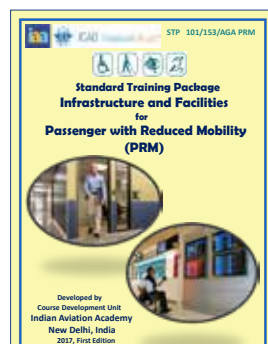


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**STP**

# ATENCIÓN AL USUARIO AEROPORTUARIO

126/156/MGT AGA AAU
CLASSROOM

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

**Developed by**

Escuela Técnica de Aviación Civil (ETAC), Ecuador

**Target Population**

• Personal de Transporte Aéreo en atención al usuario de la Aviación Civil, Personal de Comunicación Social de la Aviación Civil.
• Personal de las concesionarias aeroportuarias que brindan servicio a los usuarios aeroportuarios y personal de la administración del aeropuerto.

**Course Aim**

Dotar al personal a cargo del servicio a los clientes internos y externos en los aeropuertos de los conocimientos, habilidades y aptitudes necesarios para atender a los usuarios aeroportuarios con calidad y eficacia de acuerdo con los procedimientos y regulaciones, contribuyendo a la Seguridad y eficiencia del transporte aéreo nacional e internacional.

**Course Objectives**

Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de:

• identificar las normativas y procedimientos aplicables al servicio de atención al cliente;
• brindar un servicio de calidad en atención al cliente interno y externo, proporcionando información relativa a los vuelos y al servicio durante el cumplimiento de los procedimientos de facturación y embarque, así como al manejo de categorías especiales de pasajeros;
• atender oportunamente las inquietudes de los usuarios; y
• solventar positivamente las quejas y reclamaciones de los usuarios, aplicando la normativa vigente.



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**STP**

119/104/ARFFV OPS
**CLASSROOM**

# OPERATION OF AIRPORT RESCUE & FIREFIGHTING VEHICLE- ROSENBAUER PANTHER

| | |
|---|---|
| **Duration** | **10** DAYS |

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed by**

Airports Authority Rescue and Fire Fighting (ARFF) Services Training Centre, India

**Target Population**

• Fire service crew deployed or to be deployed on Rosenbauer ARFF Vehicle
• Fire station shift in-charge and station in-charge

**Course Aim**

To impart the necessary knowledge, skills and attitude to fire service crew for safe and efficient operation of ARFF Vehicle- Rosenbauer Panther on the airside to manage aircraft emergency, in accordance with Manufacturer manual, DGCA CAR Sec.4 Series B & ICAO Doc. 9137.

**Course Objectives**

Upon successful completion of this course, participants will:

• prepare the ARFF vehicle;
• respond to emergency;
• operate firefighting and rescue equipment; and
• undertake post emergency make-up.



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**STP**

109/109/AGA RWY MRK
**CLASSROOM**

# AIRFIELD PAVEMENT MARKINGS

Duration

**5** DAYS

Fee per participant:
To be determined by host

Language

ENGLISH

Developed by

Indian Aviation Academy, India

Target Population

• Airside maintenance engineers
• Airside operations managers, CAA aerodrome inspectors /auditors,
  air traffic controllers

Course Aim

To provide airside maintenance engineers, airside operations managers, civil aviation authority (CAA) aerodrome inspectors / auditors and air traffic controllers with knowledge, skills, and attitude for airfield pavement markings to enable them to effectively and efficiently interpret and implement the Annex 14 — Aerodromes specifications for airfield pavement markings.

Course Objectives

Upon successful completion of this course, participants will:

• familiarize with airfield pavement markings;
• apply airfield pavement markings;
• inspect conspicuity of airfield pavement markings; and
• maintain airfield pavement markings.

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**STP**

119/116/RFF FT OPS
**CLASSROOM**

# FOAM TENDER OPERATION AND DEFENSIVE DRIVING

| | | |
|---|---|---|
| Duration | **5** DAYS | Fee per participant: To be determined by host |

**Language**

ENGLISH

**Developed by**

Air Transportation Human Resources Development Center, Indonesia

**Target Population**

• Authority Rescue and Fire Fighting (ARFF) personnel (Foam Tender Commander).
• ARFF supervisors, ARFF personnel, ARFF instructors, and ARFF inspector.

**Course Aim**

This course will provide participants with sufficient knowledge, skills and attitude required to operate and drive foam tender in accordance with KP 605 tahun 2015 Local National Regulation and its related documents.

**Course Objectives**

Upon successful completion of this course, participants will:

• ensure serviceability of foam tender;
• drive the foam tender to the sight; and
• operate foam tender firefighting system.
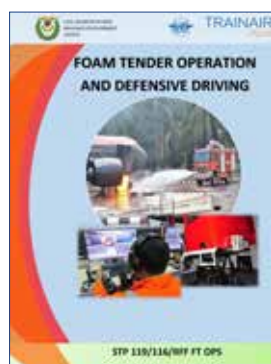


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## 119/119/FF ELMT
## CLASSROOM

# ELEMENTARY FIRE FIGHTING

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed by**

Ethiopian Civil Aviation Training Centre (ECATC), Ethiopia

**Target Population**

Personnel who are not professional firefighters, but are working in the safety critical operational directorates like air traffic control, communications, navigation, and surveillance (CNS) and aeronautical information service (AIS) and general offices.

**Course Aim**

This course will provide trainees with knowledge, skills and attitude to be able to extinguish work place fires that may occur in an airport control tower, CNS, AIS installations and other departments related to air navigation services by using hand held fire extinguishers.

**Course Objectives**

Upon successful completion of this course, participants will:

• evacuate personnel;
• fight fire; and
• write a report about fire incident.



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**STP**

109/138/AGA ETEM
**CLASSROOM**

# EMERGENCY TABLETOP EXERCISES MANAGEMENT

| Duration | **5** DAYS | Fee per participant:<br>To be determined by host |

**Language**

ENGLISH

**Developed by**

The ASI Institute, a division of Aviation Strategies International, Canada

**Target Population**

Airport operations directors, managers, officers and staff, airport emergency managers, officers and staff, airport safety managers, officers and staff, airport public affairs and communications, directors, managers and staff, airline officials, security organizations, civil aviation authority officials, local police, emergency health and fire department officials, all other mutual aid agencies.

**Course Aim**

This course will provide accountable executives managing and overseeing emergency tabletop exercises with the necessary knowledge, skills, and attitude to effectively plan, execute, debrief and evaluate an airport's emergency tabletop exercise and prepare a corrective action plan, according to the requirements of ICAO's Standards and Recommended Practices (SARPs), a State's regulations, and recommendations of experienced subject matter experts (SMEs).

**Course Objectives**

Upon successful completion of this course, participants will:

• plan an emergency tabletop exercise;
• execute an emergency tabletop exercise, finalizing it with a debriefing session; and
• prepare a corrective action plan, based on the evaluation of the tabletop exercise debrief feedback and data.



TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS electronic Management System (TPeMS).

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# AIRPORT PASSENGER BOARDING BRIDGE OPERATIONS

105/159/AGA PBB OPS
**CLASSROOM**

**Duration**

**3** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed by**

Incheon Airport Aviation Academy (IAAA), Republic of Korea

**Target Population**

• Passenger Boarding Bridge (PBB) operators who have completed a basic training course.
• PBB operation supervisors and PBB maintenance staff working in the airport.

**Course Aim**

This course will provide airport passenger boarding bridge (PBB) operators with the necessary knowledge, skills, and attitude to ensure that airport PBB operation is implemented appropriately, in accordance with PBB operations described in the manual and procedures of Incheon International Airport (Airport Operation Manual (AOM), standard operating procedure (SOP), Obstacle Clearance Panel (OCP), and Service Level Agreement (SLA).

**Course Objectives**

Upon successful completion of this course, participants will:

• prepare necessary items for PBB operation;
• manage PBB pre-operation check-up;
• confirm a PBB preparation for docking;
• perform docking to and undocking from aircraft; and
• respond to PBB potential malfunction and emergency situation.



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**STP**

209/168/SMS ARSI
## CLASSROOM

# CONDUCTING APRON REGULATORY SAFETY INSPECTIONS

Duration

# 5 DAYS

Fee per participant:
To be determined by host

Language

ENGLISH

Developed by

Saudi Academy of Civil Aviation (SACA), Saudi Arabia

Target Population

• Apron safety inspectors, apron safety analysts.
• Safety auditors from General Authority of Civil Aviation (GACA), safety investigators from GACA, managers aerodrome safety from GACA

Course Aim

This standardized training package (STP) will provide apron safety inspectors/analysts with the necessary knowledge, skills, and attitude to effectively perform apron regulatory safety inspections, in accordance with General Authority of Civil Aviation Regulations (GACAR) Safety Regulations, GACAR Section 21 Safety Management System and Airport Operations Manual.

Course Objectives

Upon successful completion of this course, participants will:

• perform daily regulatory inspections;
• monitor ground handling safety operations;
• apply emergency and evacuation process; and
• respond to accident/incident calls.



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# AIR NAVIGATION SERVICES

# PERFORMANCE-BASED NAVIGATION (PBN) OVERVIEW COURSE

ONLINE

Duration

# 2–4 HOURS

Fee per participant:
US$200

Language

ENGLISH

Target Population

The training is most beneficial for:

• aircraft operations personnel;
• pilots and dispatchers;
• air traffic control officers (ATCOs);
• airline and airport personnel;
• air navigation service providers (ANSPs);
• civil aviation authorities (CAAs); and
• aviation stakeholders interested in understanding the principles of PBN.

Course Aim

This course provides a high-level overview of the Performance-Based Navigation (PBN) concept and principles.

PBN represents a shift from sensor-based to performance-based navigation. PBN routes and procedures are designed to meet a navigation specification, which is defined in terms of accuracy, integrity, availability, continuity and functionality for the proposed operations in the context of a particular airspace.

Because PBN implementation impacts all areas (aircraft operations, regulatory approvals and authorizations, training, instrument flight procedure design, airspace design, aircraft separation, etc.), understanding the PBN concept and principles becomes essential for all aviation stakeholders. Therefore, this course is the necessary prerequisite to understand PBN and for further PBN training.

Course Objectives

Upon successful completion of this course, participants will be able to:

• explain the PBN concept;
• develop a common understanding and foundational PBN knowledge to serve as the basis for future, in-depth PBN courses;
• explain the PBN benefits, components, and navigation specifications; and
• explain PBN implementation.

# PERFORMANCE-BASED NAVIGATION (PBN) AIRSPACE DESIGN COURSE

| Duration | **2–4** HOURS | Fee per participant: US$200 |
|---|---|---|

**Language**

ENGLISH

**Target Population**

The training is most beneficial for:

• personnel involved in airspace planning and design;
• airspace planners;
• procedures designers;
• airline operators;
• Air Traffic Management (ATM) operations managers;
• air traffic controllers; and
• regulators.

**Course Aim**

The PBN concept represents a shift from sensor-based to performance-based navigation. PBN routes and procedures are designed to meet a navigation specification, which is defined in terms of accuracy, integrity, availability, continuity, and functionality for the proposed operations in the context of a particular airspace. Personnel involved in airspace design need to understand the PBN concept and how it can be used to improve an existing airspace structure.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• understand the PBN concept;
• understand how the PBN concept can improve airspace efficiency and capacity;
• understand who needs to be involved in the airspace design; and
• conduct an actual design of an existing airspace using the PBN concept.

AERODROMES

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# PERFORMANCE-BASED NAVIGATION (PBN) OPERATIONS APPROVAL COURSE

ONLINE

| | |
|---|---|
| Duration | **2 − 4** HOURS |

Fee per participant:
US$200

Language

ENGLISH

Target Population

The training is most beneficial for:

• civil aviation authorities (CAAs); and
• airline personnel.

Course Aim

The Performance-based Navigation (PBN) concept represents a shift from sensor-based to perfomance-based navigation. PBN routes and procedures are designed to meet air navigation specifications, which is defined in terms of accuracy, integrity, availability, continuity, and functionality for the proposed operations in the context of a particular airspace. Commercial air transport operators need to have an operational approval to fly PBN routes and procedures.

Course Objectives

Upon successful completion of this course, participants will be able to:

• understand the PBN concept;
• understand the PBN specifications;
• understand what a PBN Operations Approval is;
• understand the documentation required for submission; and
• understand the process that both the operator and regulator will follow.

# PERFORMANCE-BASED NAVIGATION (PBN) FOR PILOTS COURSE

Duration

## 2–3 HOURS

Fee per participant:
Hosted by ICAO: US$200

Language

ENGLISH

Target Population

The training is most beneficial for commercial and general aviation pilots.

Course Aim

This course provides an overview of the Performance-Based Navigation (PBN) concept and principles, and provides pilots with guidance on procedures for PBN operations.

Course Objectives

Upon successful completion of this course, participants will be able to:

• explain the PBN concept; and
• provide information essential to pilots on how to operate on PBN routes and procedures

AERODROMES

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**STP**

057/003/SAR OPS
**CLASSROOM**

# AERONAUTICAL SEARCH AND RESCUE OPERATIONS

| | |
|---|---|
| Duration | **15** DAYS | Fee per participant:<br>To be determined by host |

**Language** — ENGLISH

**Developed By** — Singapore Aviation Academy (SAA), Singapore

**Target Population**

The training is most beneficial for:

• Civil Air Traffic Control Officers;
• Military Air Traffic Control Officers; and
• Navy Operations Officers.

**Course Aim**

The purpose of the course is to assist States in meeting their own search and rescue (SAR) needs and the obligations they accepted under the ICAO Convention. This will be achieved by providing Search Mission Coordinators (SMCs) with the required knowledge, skills, and attitude to carry out SMC functions effectively and efficiently, in accordance with ICAO Standards and Recommended Practices (SARPs). The proficiency of graduates will be maintained through both paper and periodic drill exercises.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• determine the aircraft emergency phase;
• develop a SAR action plan;
• allocate resources to the search area;
• follow up SAR operations progress; and
• evaluate SAR operations outcomes.



**ICAO TRAINAIR PLUS STP**
Aeronautical Search & Rescue Operations

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**022/004/AIS MAP BAS**
**CLASSROOM**

# CURSO ESPECIALISTA EN CARTOGRAFÍIA AERONÁUTICA

Duration

**10** DAYS

Fee per participant:
To be determined by host

Language

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

Developed By

Academia Superior de Ciencias Aeronáutica (ASCA), República Dominicana

Target Population

El curso está destinado a los especialistas AIS.

Course Aim

Capacitar a los especialistas AIS en el correcto manejo de la información contenida en los diferentes tipos de Cartas Aeronáuticas OACI.

Course Objectives

Al finalizar el curso los participantes estarán capacitados para interpretar y utilizar de forma ágil y eficiente las Cartas Aeronáuticas empleadas en la Aviación Civil Internacional de conformidad con el Anexo 4 de la OACI.



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AERODROMES

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**STP**

159/005/CAA INS ANS/CNS
**CLASSROOM**

# AIR NAVIGATION SERVICES CNS INSPECTOR

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

| | |
|---|---|
| Language | ENGLISH |
| Developed By | East African School of Aviation (EASA), Kenya |
| Target Population | The training is most beneficial for ATSEP officers with at least CNS Equipment Training. |
| Course Aim | This course will provide ANS-CNS Inspectors with the knowledge, skills, and attitude necessary to carry out an audit/inspection on CNS systems for effective and efficient air safety oversight duties. |
| Course Objectives | Upon successful completion of this course, participants will be able to: |

• carry out audit/inspection of CNS systems;
• write an audit/inspection report;
• enforce CNS regulations and standards;
• carry out ATSEPs certification; and
• manage documents.
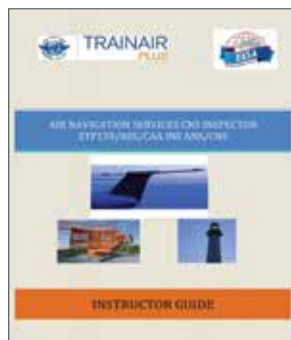


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# AIR NAVIGATION SERVICES ATM INSPECTOR

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

| | |
|---|---|
| Language | ENGLISH |
| Developed By | East African School of Aviation (EASA), Kenya |
| Target Population | The training is most beneficial for air traffic controllers with 3 ratings to be assigned audit/inspection duties. |
| Course Aim | This course will provide air traffic management auditor/inspectors with the knowledge, skills, and attitude necessary to carry out audit/inspection for effective and efficient air safety oversight duties. |
| Course Objectives | Upon successful completion of this course, participants will be able to: |

• conduct ANS/ATM audit/inspection;
• write an audit/inspection report;
• enforce ATM standards and procedures;
• evaluate and certify candidates for licensing as air traffic controllers; and
• manage documents.
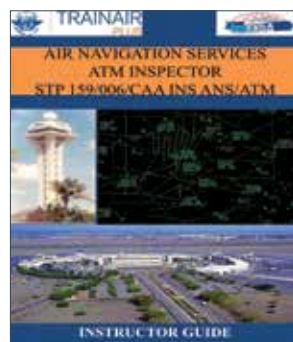


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# SPÉCIALISTE EN MAINTENANCE DES STATIONS VSAT AÉRONAUTIQUES

Duration

**20** DAYS

Fee per participant:
To be determined by host

Language

THIS COURSE IS CURRENTLY AVAILABLE IN FRENCH ONLY.

Developed By

L'École Africaine de la Météorologie et de l'Aviation Civile (EAMAC), Niger

Target Population

• Ingénieurs et techniciens de maintenance opérationnels

Course Aim

Ce cours a pour but de doter les ingénieurs et techniciens des connaissances, capacités et attitude nécessaires leur permettant d'assurer la maintenance des cinquante (50) stations VSAT aéronautiques dont dispose l'ASECNA pour ses communications vocales et par satellite.

Course Objectives

À l'issue de ce cours, les participants seront en mesure de :

• assurer la maintenance préventive des stations VSAT aéronautiques;
• assurer la maintenance corrective/curative des stations VSAT aéronautiques;
• mettre en marche et contrôler les paramètres d'une station VSAT aéronautique; et
• assurer l'augmentation de capacité d'une station VSAT aéronautique



Les membres du réseau TRAINAIR PLUS peuvent acheter les STP directement sur le système de gestion électronique (TPeMS).

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029/010/AIS ADV
## CLASSROOM

# INFORMACION Y CARTOGRAFIA AERONAUTICA

Duration

**10** DAYS

Fee per participant:
To be determined by host

Language

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

Developed By

Centro de Adiestramiento de la Aviación (CAA), Cuba

Target Population

El curso está destinado a:

• Controladores de Tránsito Aéreo (CTA) y todos los especialistas, originadores de información aeronáutica y usuarios que trabajen con AIS.

Course Aim

Proveer a los CTA de los conocimientos, competencias y aptitudes necessarios para que los procedimientos y la documentación reglamentaria se cumplan adecuadamente a fin de que la interpretación de la información aeronáutica como usuario y originador AIS y la utilización de las publicaciones AIS se lleven a cabo correcta y eficazmente.

Course Objectives

Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de:

• interpretar la información y cartas aeronáuticas de acuerdo con las normas establecidas en las regulaciones y procedimientos de la Aeronáutica Cubana;
• caracterizar el Sistema de Información Aeronáutica;
• originar información aeronáutica para su publicación en la Documentación
• integrar AIS, cumpliendo con los ciclos y fechas establecidos;
• interpretar, en calidad de usuario, la información aeronáutica utilizando las publicaciones de la Documentación Integrada AIS;
• caracterizar el Sistema de Cartografía Aeronáutica; y
• interpretar correctamente la Información Cartográfica.

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## 051/016/ATC TWR
### CLASSROOM

# INICIAL ATC AERÓDROMO

**Duration**

# 45 DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

**Developed By**

Instituto Centroamericano de Capacitación Aeronáutica (ICCAE),
Central América

**Target Population**

El curso está destinado al personal que inicia su
formación en tránsito aéreo o que carece de formación.

**Course Aim**

Instruira a los participantes en las competencias esenciales requeridas
para superar con éxito la formación especializada ATC Aeródromo.

**Course Objectives**

Después de completar satisfactoriamente el curso, los participantes
tendrán la capacidad de:

• dirigir el movimiento de aeronaves, vehículos y personas en el área de
  maniobras;
• dar autorización de despegues y aterrizajes; y
• proporcionar información meteorológica, de NOTAMs y otra información
  esencial de los vuelos bajo su jurisdicción.



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normalizado (CMDN) a través del sistema electrónico de gestión TRAINAIR PLUS (TPeMS).

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# AIR NAVIGATION AIDS TECHNICIANS ATC PROCEDURES BASIC INDOCTRINATION

AERODROMES

AIR NAVIGATION SERVICES

AIR TRANSPORT

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FLIGHT SAFETY AND SAFETY MANAGEMENT

SECURITY AND FACILITATION

TRAINING COMPETENCY DEVELOPMENT

MANAGEMENT PROGRAMMES

Duration

**5** DAYS

Fee per participant:
To be determined by host

Language

ENGLISH

Developed By

Civil Aviation Authority Training Institute (CAATI), Jamaica

Target Population

The training is most beneficial for new recruits commencing training or for existing air navigation aids technicians responsible for CNS equipment.

Course Aim

The main goal of this training solution is to provide the aeronautical telecommunications technicians with basic air traffic control indoctrination to enhance their maintenance responsibilities by developing critical coordination skills in a safe and efficient manner.

Course Objectives

Upon successful completion of this course, participants will be able to:

• use correct ATC phraseology;
• receive unserviceability report;
• coordinate scheduled maintenance actions;
• verify the nature of the fault;
• report on faulty equipment;
• report on scheduled maintenance;
• test equipment; and
• confirm equipment serviceability.



STP
"AIR NAVIGATION AIDS TECHNICIANS
ATC PROCEDURES BASIC INDOCTRINATION"
(169/017/COM MTC ATC)

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# THALES DME MAINTENANCE

| | |
|---|---|
| Duration | **20** DAYS |

Fee per participant:
To be determined by host

| | |
|---|---|
| Language | ENGLISH |
| Developed By | Civil Aviation Training Centre (CATC) Allahabad, India |
| Target Population | The training is most beneficial for personnel who are currently assigned or about to be assigned maintenance duties at the THALES DME. |
| Course Aim | To equip the DME maintenance engineer with the knowledge and skills needed to maintain THALES DME for smooth and uninterrupted service. |
| Course Objectives | Upon successful completion of this course, participants will be able to: |

- apply the (SARPs) as stated in ICAO Annex 10, Volume I to the maintenance of DME;
- identify the THALES DME module and explain its operation;
- monitor the operational characteristics of THALES DME modules and locate the faulty module; and
- carry out preventive and corrective maintenance of THALES DME for smooth and uninterrupted operations as per the prescribed maintenance schedule.
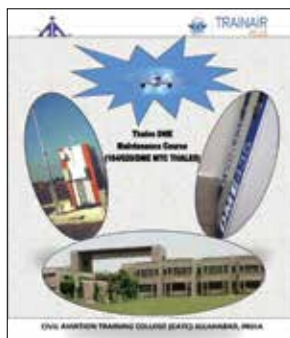


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MANAGEMENT PROGRAMMES

**STP**

164/023/DME MTC
FERNAU2020
**CLASSROOM**

# DME FERNAU 2020 MAINTENANCE

## 15 DAYS

Fee per participant:
To be determined by host

**Duration**

**Language**

ENGLISH

**Developed By**

Civil Aviation Technology College (CATC), Iran

**Target Population**

The training is most beneficial for Distance Measuring Equipment (DME) maintenance technicians and engineers.

**Course Aim**

This course will provide DME maintenance engineers with the necessary knowledge, skills, and attitude to maintain the DME Fernau 2020 to the standards established by the manufacturer.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• perform daily checks;
• perform monthly checks;
• perform annual checks;
• perform ground adjustment before/during/after flight;
• diagnose fault(s); and
• rectify fault(s).



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**039/026/MET SAT SAM**
CLASSROOM

# TÉCNICO EN PERCEPCIÓN REMOTA POR SATÉLITE DE FENÓMENOS ATMOSFÉRICOS EN SUDAMÉRICA

Duration **10** DAYS

Fee per participant:
To be determined by host

Language THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

Developed By Instituto de Controle do Espaço Aéreo (ICEA), Brazil

Target Population El curso está destinado al Técnico en Meteorología, con función operativa en Centro Meteorológico.

Course Aim Finalizado el curso, los participantes serán capaces de analizar imágenes obtenidas a través de la percepción remota por satélite e identificar los fenómenos meteorológicos significativos que afectan la navegación aérea.

Course Objectives Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de:

• identificar los tipos de imágenes satelitales;
• interpretar las imágenes satelitales; y
• identificar fenómenos meteorológicos significativos.



Técnico em Percepción Remota por Satélite de Fenómenos Atmosféricos en Sudamérica

STP 039/026/MET SAT SAM

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# MANTENIMIENTO SISTEMA VHF ALCANCE EXTENDIDO

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

**Developed By**

Instituto Universitario de Aeronáutica Civil (IUAC), República Bolivariana de Venezuela

**Target Population**

El curso está destinado a los Técnicos en Radiocomunicaciones Aeronáuticas que se encuentran en las distintas dependencias regionales del país.

**Course Aim**

Instruir a los Técnicos en Radiocomunicaciones Aeronáuticas (Área Comunicaciones) en el Mantenimiento del Sistema VHF-AE.

**Course Objectives**

Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de:

- monitorizar el funcionamiento de las estaciones o del sistema, diagnosticar fallas y reajustar parámetros;
- limpieza de equipos y verificación física de módulos, conectores, entre otros;
- monitorizar y ajustar parámetros de funcionamiento con el panel frontal; y
- localizar fallas, reemplazar elementos averiados y ajustar parámetros de funcionamiento.



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AERODROMES

AIR NAVIGATION SERVICES

AIR TRANSPORT

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## ADVANCED TEST AND MEASURING TECHNIQUES FOR ATSEP

163/045/COM MTC ATSEP
**CLASSROOM**

| | |
|---|---|
| Duration | **10** DAYS |

Fee per participant:
To be determined by host

| | |
|---|---|
| Language | ENGLISH |
| Developed By | Civil Aviation Training Centre (CATC), Sri Lanka |
| Target Population | The training is most beneficial for Air Traffic Safety Electronic Personnel (ATSEP) deployed at Communication, Navigation and Surveillance (CNS) maintenance facilities at commercial airports and other connected locations and ATSEP Supervisors. |
| Course Aim | To provide the participants with the necessary knowledge, skills, and attitude in using advanced test and measuring equipment at CNS maintenance facilities and in the field in an effective and professional manner. |
| Course Objectives | Upon successful completion of this course, participants will be able to: |

- describe the basic theories of operation of advanced test and measuring equipment used at CNS facilities;
- select the best possible test equipment to be used in a given maintenance scenario;
- use advanced test and measuring equipment for accurate measurements;
- apply proper techniques for recording measurement data;
- select and use proper accessories;
- calibrate test and measuring equipment; and
- observe proper precautions for the safety of personnel and equipment.



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AERODROMES

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AND SAFETY
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FACILITATION

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COMPETENCY
DEVELOPMENT

MANAGEMENT
PROGRAMMES

## THREAT AND ERROR MANAGEMENT IN AIR TRAFFIC CONTROL

059/034/ATC TEM
**CLASSROOM**

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

| | |
|---|---|
| Language | ENGLISH |
| Developed By | Trinidad and Tobago Civil Aviation Authority CATC, Trinidad and Tobago |
| Target Population | The training is most beneficial for: |

• operational air traffic control staff (the primary population); and
• ATS managers and the staff of the "Safety and Training" and "Planning and Evaluation" units (the secondary population).

**Course Aim**

The goal of the course is to enhance and improve the air traffic management skills and capabilities of the air traffic services staff through their awareness of and training in "Threat and Error Management" principles and methods.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• implement the procedures for evaluating traffic flows;
• execute handover and relief procedures;
• choose coordination procedures;
• recognize the seven different strategies for managing traffic;
• manage unusual situations and emergencies;
• manage changing conditions and anomalies; and
• implement strategies for managing threats and errors in the work environment.



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# AIR NAVIGATION SERVICES MET INSPECTOR

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

East African School of Aviation (EASA)

**Target Population**

The training is most beneficial for:

- MET officers earmarked for (ANS) MET inspection duties, MET observers and forecasters in aerodromes, MET instructors (primary target populations); and
- aeronautical MET supervisors, aerodrome supervisory staff, aeronautical MET equipment maintenance staff (secondary target populations).

**Course Aim**

The course will provide participants with the skills, knowledge, and attitude to enable them to provide safety oversight services.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- develop ANS MET technical guidance materials and regulations;
- audit/inspect ANS MET systems;
- write ANS MET audit/inspection reports;
- enforce aeronautical MET regulations and standards; and
- manage ANS MET documents and records.
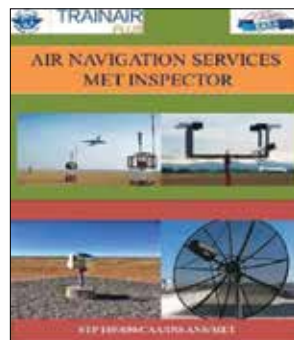


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# THALES DVOR MAINTENANCE COURSE

AERODROMES

AIR NAVIGATION SERVICES

AIR TRANSPORT

ENVIRONMENT

FLIGHT SAFETY AND SAFETY MANAGEMENT

SECURITY AND FACILITATION

TRAINING COMPETENCY DEVELOPMENT

MANAGEMENT PROGRAMMES

| | | |
|---|---|---|
| Duration | **20** DAYS | Fee per participant: To be determined by host |

**Language**

ENGLISH

**Developed By**

Civil Aviation Training Centre (CATC) Allahabad

**Target Population**

The training is most beneficial for personnel who are currently assigned or about to be assigned maintenance duties at the THALES DVOR site.

**Course Aim**

The course will impart to the DVOR Maintenance Engineer, the knowledge, skills, and attitude, necessary to perform preventive and corrective maintenance of THALES DVOR using the maintenance schedule detailed in the CNS Manual, as per procedures laid down in the Original Equipment Manufacturer (OEM) technical manual.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• perform daily maintenance;
• perform weekly maintenance;
• perform monthly maintenance;
• perform half-yearly maintenance;
• perform annual maintenance;
• perform ground adjustment during flight check;
• identify a faulty module; and
• replace a faulty THALES DVOR module.
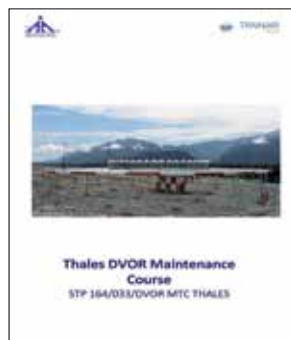


Thales DVOR Maintenance Course
STP 164/033/DVOR MTC THALES

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# APPROACH CONTROL SURVEILLANCE REFRESHER COURSE

**054/056/APP RDR REF**
**CLASSROOM**

| | |
|---|---|
| Duration | **10** DAYS |

Fee per participant:
To be determined by host

**Language** — ENGLISH

**Developed By** — Saudi Academy of Civil Aviation (SACA)

**Target Population** — The training is most beneficial for civil aviation personnel employed as air traffic controllers.

**Course Aim** — This course will ensure that the knowledge and skills of the approach surveillance controllers are maintained and updated on a regular basis to effectively and efficiently control air traffic within the approach sector (TMA), in accordance with ICAO Standards and Recommended Practices.

**Course Objectives** — Upon successful completion of this course, participants will be able to:

• operate surveillance equipment;
• assess aircraft performance in the provision of ATS;
• identify air traffic;
• apply vectoring techniques;
• provide separation between aircraft;
• apply speed control procedures;
• apply sequencing techniques;
• appreciate critical/abnormal weather phenomena;
• deal with unusual and aircraft emergency situations; and
• take appropriate action in the event of equipment degradation situations.



Approach Control Surveillance Refresher Course
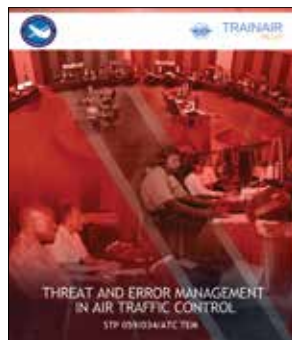STP 054/056/APP RDR REF

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AERODROMES

AIR NAVIGATION SERVICES

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TRAINING COMPETENCY DEVELOPMENT

MANAGEMENT PROGRAMMES

# GESTION DU TRAFIC AÉRIEN SUR UN AÉRODROME AFIS

023/060/AIS AFIS
**CLASSROOM**

| | |
|---|---|
| Duration | **10** DAYS |

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN FRENCH ONLY.

**Developed By**

Ecole Régionale de la Navigation Aérienne et Management (ERNAM), Senegal

**Target Population**

**La population cible primaire:** Technicien de l'Aviation Civile (TAC), Assistant Contrôleur, Agents formés sur site et affectés à la gestion du trafic Aérien sur un aérodrome AFIS.

**La population cible secondaire:** Commandant d'aérodrome secondaire, chef unité AIM et éventuellement Contrôleur de la Circulation Aérienne.

**Course Aim**

Ce cours a pour but d'acquérir les connaissances, les capacités et les attitudes nécessaires afin de gérer efficacement le trafic aérien sur un aérodrome non contrôlé (AFIS).

**Course Objectives**

À l'issue de ce cours, les participants seront en mesure de:

• prendre le service dans le local AFIS;
• transmettre les informations de vol aux aéronefs à l'arrivée;
• transmettre les informations de vol aux aéronefs au depart; et
• alerter les organismes SAR.

Les membres du réseau TRAINAIR PLUS peuvent acheter les STP directement sur le système de gestion électronique (TPeMS).

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AERODROMES

**AIR NAVIGATION SERVICES**

AIR TRANSPORT

ENVIRONMENT

FLIGHT SAFETY AND SAFETY MANAGEMENT

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TRAINING COMPETENCY DEVELOPMENT

MANAGEMENT PROGRAMMES

**STP**

164/077/VOR MTC SELEX
CLASSROOM

# MANTENIMIENTO SISTEMA TERRESTRE VOR SELEX 1150

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

| | |
|---|---|
| Language | THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY. |
| Developed By | Instituto Universitario de Aeronáutica Civil (IUAC), Venezuela |
| Target Population | El curso está destinado a los técnicos en Radiocomunicaciones Aeronáuticas (ATSEP). |
| Course Aim | Concluida la fase teórica y práctica de este curso, el personal TRA-ATSEP especializado en comunicaciones aeronáuticas, adquirirá las habilidades y conocimientos básicos relacionados con las actividades de soporte técnico a los Sistemas Terrestres VOR Selex 1150. |
| Course Objectives | Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de: |

- monitorizar el funcionamiento del Sistema Terrestre VOR Selex 1150;
- ajustar los parámetros de funcionamiento de la estación VOR Selex 1150 con el PMDT y los equipos de medición especializados; y
- Realizar los chequeos de tierra y vuelo de la estación VOR Selex 1150.



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**STP**

AERODROMES

AIR NAVIGATION SERVICES

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MANAGEMENT PROGRAMMES

059/053/ANS PBN
**CLASSROOM**

# PBN FOR AIR NAVIGATION SERVICES PERSONNEL

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

**THIS COURSE IS CURRENTLY AVAILABLE IN RUSSIAN ONLY.**

**Language**

**Developed By** Institute of Air Navigation (IAN), Russian Federation

**Target Population** The training is most beneficial for qualified air traffic controllers.

**Course Aim** This course will prepare qualified air traffic controllers for gradual implementation of Performance-based Navigation (PBN).

**Course Objectives** Upon successful completion of this course, participants will be able to:

- apply requirements of the regulatory documents pertinent to PBN;
- maintain situational awareness in the PBN environment;
- use flight plan information to control air traffic in the PBN environment;
- make decisions on control actions in the PBN environment; and
- provide support to flight crews in emergency situations in the PBN environment.



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AERODROMES

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**STP**

059/063/ATSO/PBN
**CLASSROOM**

# PERFORMANCE-BASED NAVIGATION (PBN) FOR AIR TRAFFIC SERVICES OFFICERS (ATSOS)

| | |
|---|---|
| Duration | **10** DAYS |

Fee per participant:
To be determined by host

| | |
|---|---|
| Language | ENGLISH |
| Developed By | Air Traffic and Navigation Services (ATNS) – Aviation Training Academy, South Africa |

| | |
|---|---|
| Target Population | **The primary target population:** Air Traffic Services Officers (ATSOs) who will be performing the job after the training: |

• Air Traffic Control Officer (ATCO)1;
• ATCO 2; and
• ATCO 3.

**The secondary target population:**

• Pool Managers;
• Supervisors; and
• Officers in Charge.

| | |
|---|---|
| Course Aim | This course will equip the target population with the required knowledge, skills, and attitude (KSA) to achieve the acceptable level of competency in order to meet the objectives of air traffic services as prescribed by ICAO Performance-based Navigation (PBN) criteria. |
| Course Objectives | Upon successful completion of this course, participants will be able to: |

• describe the PBN concept, area navigation (RNAV) and required navigation performance (RNP) Nav-Spec, instrument approaches, and flight management systems;
• identify elements of the PBN in terms of RNAV and RNP operations and functions;
• determine navigational aids infrastructure applicable to the PBN concept;
• identify the sequence and coordination procedure implemented according to the PBN concept; and
• interpret conditions and restrictions for advice to aircraft as per the PBN concept.

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# AIR TRAFFIC SERVICES SUPERVISOR

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

GAL ANS Training Centre, United Arab Emirates

**Target Population**

The training is most beneficial for Air Traffic Services (ATS) personnel who have:

• the required level of experience and have shown the potential to become ATS Shift Supervisor; and
• been newly appointed to the role of a shift supervisor.

**Course Aim**

This course will enhance the knowledge and develop the skills of current or potential ATS Shift Supervisors to effectively perform their supervisory role in accordance with international best practices.

**Course Objectives**

Upon successful completion of this course, participants will have the required knowledge and skills to perform the duties of ATS Shift Supervisor. Specifically, they will be able to:

• perform HOW/TOW Procedure and Practices;
• maintain the Watch Log;
• manage staff; and
• manage ATS Operations.
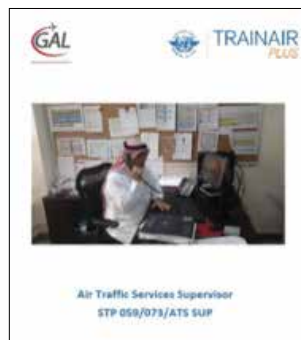


Air Traffic Services Supervisor
STP 059/073/ATS SUP

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AERODROMES

AIR NAVIGATION SERVICES

AIR TRANSPORT

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SECURITY AND FACILITATION

TRAINING COMPETENCY DEVELOPMENT

MANAGEMENT PROGRAMMES

# RADIO OPERATOR AT MARITIME PLATFORM – AERONAUTICAL SERVICE

174/050/COM OPS MP
## CLASSROOM

| | |
|---|---|
| Duration | **30** DAYS |

Fee per participant:
To be determined by host

**Language**
ENGLISH

**Developed By**
Instituto de Controle do Espaço Aéreo (ICEA), Brazil

**Target Population**
The training is most beneficial for applicants who intend to work as an aeronautical radio operator on maritime platforms that provide services in extracting oil and natural gas.

**Course Aim**
This course is focused on supporting air operations.

**Course Objectives**
Upon successful completion of this course, participants will have the necessary knowledge to perform operational activities at stations that provide telecommunication and air traffic services on maritime platforms, supporting airborne activities in the area.

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AERODROMES

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MANAGEMENT PROGRAMMES

## ELABORACIÓN, ANÁLISIS E INTERPRETACIÓN DE NOTAMS

**Duration**

**10**DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

**Developed By**

Academia Superior de Ciencias Aeronáuticas (ASCA), República Dominicana

**Target Population**

El curso está destinado a:

- especialistas AIS;
- gerencia de Aeropuertos;
- agentes de Operaciones de Aerolíneas; y
- instituciones técnicas afines (CNS/ATM, AD, MET, SAR, FAL, FIS, COM y Organizaciones militares).

**Course Aim**

Al finalizar el curso, los participantes serán capaces de desempeñar con destreza las tareas relacionadas con la elaboración, el análisis y la interpretación de NOTAM, de conformidad con las normas, especificaciones y regulaciones de la OACI.

**Course Objectives**

Al finalizar exitosamente las actividades teóricas y prácticas del curso, el participante estará en capacidad de:

- establecer la responsabilidad del AIS, su importancia y su relación con el sistema de calidad AIS;
- identificar criterios de selección, líneas de calificativos y casillas que componen el mensaje NOTAM;
- analizar la composición de código NOTAM y la fraseología abreviada uniforme;
- valorar la información que se emite a través del NOTAM y los diferentes tipos del mismo
- elaborar NOTAM; y
- valorar la información que se distribuye a través del tablero auto informativo conteniendo la información NOTAM vigente.

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AERODROMES

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MANAGEMENT PROGRAMMES

**STP**

055/100/ATC ACC FDPR
**CLASSROOM**

# FLIGHT DATA PROCESSING IN ATC SURVEILLANCE OPERATIONS

Duration

# 25 DAYS

Fee per participant:
To be determined by host

Language

ENGLISH

Developed By

Civil Aviation Authority Training Institute (CAATI)

Target Population

The training is most beneficial for new recruits to Air Traffic who will work in the Air Traffic Control Centre (ATCC) dealing with en-route traffic and Aeronautical Message Handling System (AMHS) equipment.

Course Aim

This course will provide participants with the necessary knowledge, skills and attitude to enable them to perform primary and secondary flight data processing duties during normal surveillance operations of the ATCC, as well as in the event of surveillance equipment or Air Traffic Control Automation System (ATCAS) failure.

Course Objectives

Upon successful completion of this course, participants will be able to perform the following tasks proficiently:

- identify, select, process, and distribute relevant flight data received via AMHS or voice links and circuits, including weather and Integrated Aeronautical Information Packages (IAIP) data;
- prepare, format, and disseminate relevant flight data via the AMHS or voice links and circuits;
- manually prepare, process, and distribute Flight Progress Strips (FPS);
- coordinate departures (DEP), estimates (EST), transfers of control (TNR), and other control activities and messages with internal and external Air Traffic Service Units (ATSUs), as required;
- monitor Flight Data Display (FDD) functions, manage errors, and make updates to flight data, as required; and
- ascertain and issue Secondary Surveillance Radar (SSR) codes to area and approach controllers, as required.
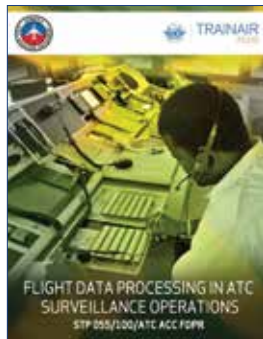


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# AIS/MAP PUBLICATION SPECIALIST

| | |
|---|---|
| **Duration** | **10** DAYS |

Fee per participant:
To be determined by host

**Language**
ENGLISH

**Developed By**
Civil Aviation Training Centre (CATC)

**Target Population**
The training is most beneficial for personnel attached to Aeronautical Information Service (AIS) operational units who are experienced in AIS duties.

**Course Aim**
The course will provide participants with the knowledge, skills, and attitude required to carry out the function of AIS/MAP Publications Specialist in an effective and efficient manner, in accordance with ICAO standards stipulated in Annex 15 — *Aeronautical Information Services and the Aeronautical Information Services Manual* (Doc 8126).

**Course Objectives**
Upon successful completion of this course, participants will gain the necessary knowledge, skills and attitude to:

• process incoming data for publications;
• compile the Aeronautical Information Publication (AIP);
• compile AIP amendments;
• compile AIP supplements;
• compile Aeronautical Information Circulars (AICs); and
• disseminate elements of Integrated Aeronautical Information Packages (IAIP).

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AERODROMES

AIR NAVIGATION SERVICES

AIR TRANSPORT

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MANAGEMENT PROGRAMMES

**STP**

159/052/CAA INS ANS/AIS
**CLASSROOM**

# AIR NAVIGATION SERVICES AIS INSPECTOR

| | | |
|---|---|---|
| Duration | **5** DAYS | Fee per participant: To be determined by host |

Language

ENGLISH

Developed By

East African School of Aviation (EASA), Kenya

Target Population

The training is most beneficial for:

- Aeronautical Information Service (AIS) Officers with at least five years' experience as AIS Supervisors;
- personnel assigned Audit/Inspection duties of ANS AIS Systems for a regulator; and
- AIS officers assigned duties in AIS operation stations (airports) and Trainers of AIS officers.

Course Aim

This course provides ANS/AIS Inspectors with the necessary knowledge, skills, and attitude to carry out Audit/Inspection on ANS/AIS systems for effective and efficient air safety oversight.

Course Objectives

Upon successful completion of this course, participants will:

- develop technical guidance materials, manuals, and ANS AIS regulations;
- conduct Audit/Inspection of ANS AIS systems;
- write ANS AIS Audit/Inspection reports;
- enforce ANS AIS standards and regulations; and
- manage documents and records.
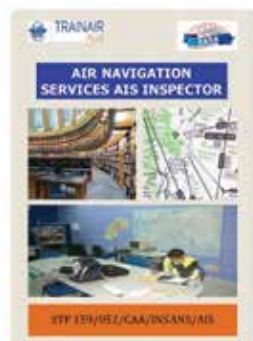
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# BASIC METEOROLOGY COURSE FOR AIR TRAFFIC CONTROLLERS

| | |
|---|---|
| **Duration** | **5** DAYS |

Fee per participant:
To be determined by host

**Language** — ENGLISH

**Developed By** — Civil Aviation Training College, Allahabad, India

**Target Population** — The training is most beneficial for personnel who are assigned or about to be assigned Air Traffic Control functions.

**Course Aim** — This course is designed to impart the necessary knowledge, skills, and attitude to Air Traffic Control (ATC) Officers to interpret and use aeronautical meteorological information, in accordance with ICAO Annex 1 — *Personnel Licensing*, *Training Manual* (Doc 7192), Part-F1, *Manual of the ICAO Standard Atmosphere* (Doc 7488), Aircraft rules 1937 and CAR section 9 for safe and efficient Air Traffic Services.

**Course Objectives** — Upon successful completion of this course, participants will:

- interpret aeronautical meteorological information, reports, forecasts, and warnings correctly and efficiently; and
- use aeronautical meteorological information, reports, forecasts, and warnings correctly and efficiently, while exercising ATC duties.



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AERODROMES

AIR NAVIGATION SERVICES

AIR TRANSPORT

ENVIRONMENT

FLIGHT SAFETY AND SAFETY MANAGEMENT

SECURITY AND FACILITATION

TRAINING COMPETENCY DEVELOPMENT

MANAGEMENT PROGRAMMES

**STP**

169/105/COM MTC SURV ENG
**CLASSROOM**

# AERODROME CNS ENGINEERING COURSE

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

| | |
|---|---|
| Language | ENGLISH |
| Developed By | Incheon Airport Aviation Academy (IAAA), Republic of Korea |
| Target Population | The training is most beneficial for: |

- technical engineers or technicians with more than two years' experience in the field of Communication, Navigation and Surveillance (CNS) relevant departments; and
- supervisors or managers in the field of CNS relevant departments.

**Course Aim**

This course will provide CNS engineers with the necessary knowledge, skills, and attitude to ensure the procedures and process for CNS relevant facilities operations and maintenance are implemented satisfactorily and applicably to accomplish the goal of safe and efficient operations and maintenance. in accordance with corresponding standards and recommended practices.

**Course Objectives**

Upon successful completion of this course, participants will:

- perform preventive maintenance inspections;
- undergo a flight inspection;
- conduct corrective maintenance; and
- manage a project for CNS installation.



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# AIR TRAFFIC CONTROLLER COMPETENCE ASSESSOR COURSE

**059/096/ATC TRG CPA**
**CLASSROOM**

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

EUROCONTROL Institute of Air Navigation Services, Luxembourg

**Target Population**

The training is most beneficial for personnel responsible for the competence assessment of Air Traffic Controllers (ATCs) for the issuance of new qualifications or the renewal of existing qualifications.

**Course Aim**

This course will provide assessors with the knowledge, skill, and attitude required to conduct competency assessments of ATCs.

**Course Objectives**

Upon successful completion of this course, participants will:

• prepare for assessment activities;
• conduct a practical assessment;
• conduct an oral board; and
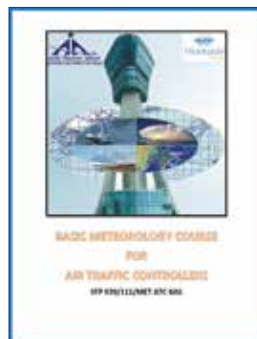• complete the assessment report.

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163/078/COM MTC AIPN
**CLASSROOM**

# AERONAUTICAL INTERNET PROTOCOL NETWORK (AIPN) MAINTENANCE

| | | |
|---|---|---|
| Duration | **5** DAYS | Fee per participant:<br>To be determined by host |

Language — ENGLISH

Developed By — Aeronautical Safety College (ASC), Japan

Target Population —
**The primary target population:** Air Traffic Safety Electronics Personnel (ATSEP) who are working at airports.

**The secondary target population:** Air Traffic Services Flight Information Officers, the Visual Aids and Electrical Engineers/Technicians and Aeronautical Satellite Operation Specialists.

Course Aim —
This course will provide the ATSEP participants with the necessary knowledge, skills, and attitude required to maintain the Aeronautical Internet Protocol Network (AIPN) in an effective and efficient manner.

Course Objectives —
Upon successful completion of this course, participants will:

• maintain AIPN and associated equipment in normal operations;
• respond to AIPN failure alarm;
• check hardware of AIPN abnormalities;
• check software of AIPN abnormalities;
• conduct quality check of AIPN; and
• recover failure of AIPN.



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179/108/COM ATS MSG
## CLASSROOM

# MANEJO DE MENSAJERÍA ATS NORMALIZADA ASOCIADA AL PLAN DE VUELO OACI

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

**Developed By**

Instituto Universitario de Aeronáutica Civil (IUAC), Venezuela

**Target Population**

El curso está destinado al personal técnico en Telecomunicaciones Aeronáuticas

**Course Aim**

Capacitar al operador en Telecomunicaciones Aeronáuticas a fin de desarrollar los conocimientos, habilidades y actitudes que le permitan el correcto manejo de la Mensajería ATS normalizada asociada al plan de vuelo OACI.

**Course Objectives**

Después de completar satisfactoriamente el curso, los Operadores en Telecomunicaciones Aeronáuticas podrán llevar a cabo sin dificultad las actividades técnicas relacionadas al manejo de la Mensajería ATS normalizada asociada al plan de vuelo OACI.



Manejo de Mensajería ATS Normalizada
Asociada al Plan de Vuelo OACI
CMDN 79/108/COM ATS MSG

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**STP**

STP 059/072/ATM HF FL0
**CLASSROOM**

# HUMAN FACTORS FRONTLINE ATM OPERATORS

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

Language — **ENGLISH AND FRENCH**

Developed By — Académie Internationale Mohamed VI de l'Aviation Civile (AIAC), Morocco

Target Population — The training is most beneficial for Air Traffic Controllers in Office (ATCO).

- **The primary target population:** Frontline air traffic controllers.
- **The secondary target population:** Supervisors and personnel in charge of planning and scheduling.

Course Aim — This course will train frontline operators of an Air Traffic Management (ATM) organization on Human Factors aspects, so they can maintain suitable operational performance throughout the service period.

Course Objectives — Upon successful completion of this course, participants will:

- manage cognitive skills;
- identify limiting factors of human performance; and
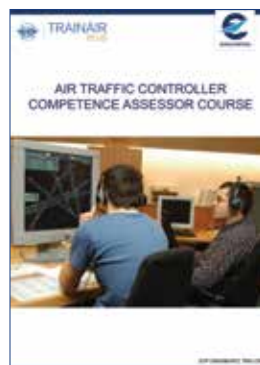- manage interactions within a team.
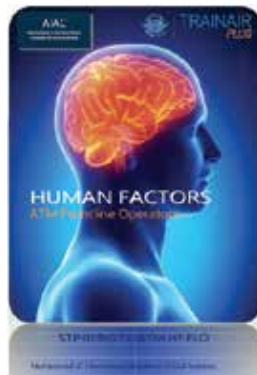


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# OPERATION AND MAINTENANCE OF MODE S SURVEILLANCE SYSTEM EQUIPMENT

163/126/COM MTC SS
## CLASSROOM

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN RUSSIAN ONLY

**Developed By**

Republican State-owned Enterprise "Kazaeronavigatsia"

**Target Population**

- **The primary target population:** Air Traffic Safety Electronics Personnel (ATSEP) who are currently assigned or are to be assigned to operate and maintain a Mode S surveillance system equipment.
- **The secondary target population:** Supervisors and/or managers in the field of Communications, Navigation, and Surveillance/Air Traffic Management (CNS/ATM) systems.

**Course Aim**

This course will provide ATSEP with the necessary knowledge, skills and attitude to operate and maintain Mode S surveillance system equipment in accordance with a manufacturer standard.

**Course Objectives**

Upon successful completion of the course, participants will be able to:

- manage Mode S surveillance system equipment;
- apply procedures of preventive maintenance of Mode S surveillance system equipment; and
- apply procedures of corrective maintenance of Mode S surveillance system equipment.

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**STP**

059/120/ATC EMG HNDL
**CLASSROOM**

# HANDLING EMERGENCIES AND UNEXPECTED EVENTS IN TERMINAL AND ENROUTE AIRSPACE

| | |
|---|---|
| Duration | **5** DAYS |
| | Fee per participant:<br>To be determined by host |
| Language | ENGLISH |
| Developed By | Malaysia Aviation Academy |
| Target Population | • **The primary target population:** Operation enroute and terminal control air traffic controllers.<br>• **The secondary target population:** Air Traffic Service (ATS) managers/supervisors and staff of the regulatory body, safety and training units; and pilots airline pilots who are interested in joint training (optional). |
| Course Aim | This course will provide Air Traffic Controllers (ATCOs) with knowledge, skills and attitude required to handle and manage abnormal situations efficiently and effectively in accordance with national and international standard procedures. |
| Course Objectives | Upon successful completion of the course, participants will be able to:<br><br>• respond to abnormal situation notification;<br>• take appropriate action in case of unusual situations;<br>• take appropriate action in case of equipment degraded situation; and<br>• take appropriate action in case of emergency situations. |
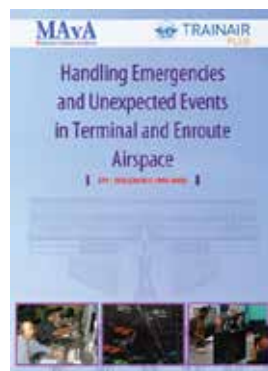


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# ATC FACILITY CHIEF

**122/103/MGT ATS ATCO**
**CLASSROOM**

| | |
|---|---|
| Duration | **5** DAYS |
| | Fee per participant: To be determined by host |
| Language | ENGLISH |
| Developed By | GAL ANS Training Centre |

**Target Population**

- **The primary target population:** Incumbent Air Traffic Control (ATC) facility chief post-holders.
- **The secondary target population:** Deputy facility chiefs, Air Traffic Control (ATC) shift supervisors, and senior managers.

**Course Aim**

This course will provide participants with the knowledge, skills, and attitude required to manage and administer an Air Traffic Control (ATC) facility efficiently and effectively in accordance with ICAO Standards and Recommended Practices (SARPs) and local regulations.

It focuses on safety, training and quality assurance systems. It is aimed at incumbent facility chiefs, deputy facility chiefs and individuals who may or will become facility chiefs.

**Course Objectives**

Upon successful completion of the course, participants will be able to:

- manage Air Traffic Service (ATS) systems; and,
- perform administrative tasks and duties, in accordance with company documents, the Good Operating Practices (GOPs) nominated in the courseware, GAL ATS-Safety-D001 (GAL SMM), *Safety Management Manual (SMM)* (Doc 9859), and Annex 19 — *Safety Management*.

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057/099/SAR OPR
## CLASSROOM

# CURSO OPERADOR DE BÚSQUEDA, SALVAMENTO Y RESCATE - SAR (BÁSICO)

**Duration**

# 5 DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

**Developed By**

Instituto Nacional de Aeronáutica Civil (INAC), Paraguay

**Target Population**

El curso está destinado a:

- **Población Primaria:** Operadores SAR (Search and Rescue)
- **Población Secundaria:** Capital humano externo que participe en la operación SAR (bomberos, Policía Nacional, paramédicos, ejército y población en general).

**Course Aim**

Implementar los servicios que se realizan en la Operación SAR, abarcando todas las personas que intervienen durante esta actividad al producirse una emergencia aeronáutica.

**Course Objectives**

Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de:

- recepcionar alertas de emergencias;
- declarar fases de emergencia;
- realizar pruebas de equipos y enlaces con el Proveedor de Información MCC (Mission Control Centre);
- coordinar la misión SAR;
- coordinar las operaciones en el lugar del siniestro;
- ejecutar las operaciones de salvamento; y
- rendir un informe del resultado de una alerta SAR.

Los miembros de la red TRAINAIR PLUS pueden adquirir los CMDN a través del Sistema electrónico de gestión TRAINAIR PLUS (TPeMS).

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# AREA SURVEILLANCE CONTROL

| | |
|---|---|
| Duration | **30** DAYS |

Fee per participant:
To be determined by host

**Language**  ENGLISH

**Developed By**  Queen Noor Civil Aviation Technical College (QNCATC)

**Target Population**
- **The primary target population:** Air traffic controllers who completed an area procedural control course.
- **The secondary target population:** Air Traffic Control (ATC) supervisors and other Air Navigation Services (ANS) management personnel.

**Course Aim**
This course will provide participants with the knowledge, skills and attitude required to execute surveillance control of air traffic within an Area Control Center (ACC) effectively and efficiently to comply with standards required by the concerned licensing authority.

**Course Objectives**
Upon successful completion of this course, participants will be able to:

- operate flight data display and associate equipment;
- establish identity of aircraft;
- vector aircraft;
- provide standard separation between aircraft;
- accept or transfer identity /control of aircraft; and
- manage abnormal situations.



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**STP**

022/145/AIS FPC IDA
**CLASSROOM**

# APPLICATION OF INTEGRATED DATABASE WITHIN DESIGN OF FLIGHT PROCEDURES AND CHARTS

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

| | |
|---|---|
| Language | THIS COURSE IS CURRENTLY AVAILABLE IN RUSSIAN ONLY. |
| Developed By | Republican State-owned Enterprise ˝Kazaeronavigatsia˝ |
| Target Population | The training is most beneficial for: |

- **The primary target population:** Cartographers and designers of flight procedures.
- **The secondary target population:** Managers in the field of aeronautical information services and airspace design.

**Course Aim**

This course will provide cartographers and designers of flight procedures with the necessary knowledge, skills and attitude to apply integrated database appropriately within design of charts and flight procedures.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- input aeronautical data into an integrated database;
- use an integrated database to perform design tasks; and
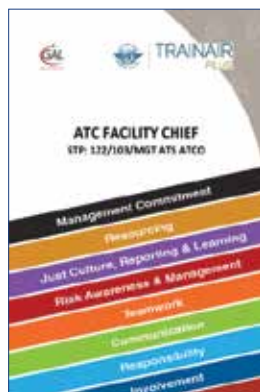- issue charts.

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021/122/AIS AIM SPC
## CLASSROOM

# AERONAUTICAL INFORMATION MANAGEMENT (AIM) SPECIALIST

Duration

# 10 DAYS

Fee per participant:
To be determined by host

Language

ENGLISH

Developed By

Training Centre of the Mongolian Civil Aviation Authority (TCMCAA)

Target Population

The training is most beneficial for:

- current Aeronautical Information Service (AIS)/ Aeronautical Information Management (AIM) officers/supervisors;
- AIS/AIM practitioners;
- AIS/AIM managers responsible for the functioning and planning of AIS developments and their implementation; and
- AIS/AIM inspectors and Civil Aviation Authority (CAA)/Air Navigation Services (ANS) level specialists responsible for AIS oversight.

Course Aim

This course will provide participants with necessary knowledge, skills and attitude to ensure the flow of aeronautical data and aeronautical information necessary for global air traffic management (ATM) system safety, regularity, economy and efficiency, in accordance with ICAO Annex 15 — *Aeronautical Information Services* requirements.

Course Objectives

Upon successful completion of this course, participants will be able to:

- manage raw data;
- process static data and information;
- process dynamic data and information;
- handle pre- and post-flight information; and
- handle Air Traffic Services (ATS) reporting office functions.

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**052/141/ATC TWR EME**
CLASSROOM

# AIRCRAFT EMERGENCIES FOR AERODROME CONTROLLER REFRESHER COURSE

Duration

# 10 DAYS

Fee per participant:
To be determined by host

Language

ENGLISH

Developed By

Saudi Academy of Civil Aviation (SACA), Saudi Arabia

Target Population

This training is most beneficial for civil aviation personnel employed as aerodrome controllers.

Course Aim

This course will ensure the knowledge and skills of aerodrome controllers are maintained and updated to effectively manage traffic in an aircraft emergency situation, in accordance with the Kingdom of Saudi Arabia (KSA) air traffic services procedures, Section 29.12 and KSA General Authority of Civil Aviation Regulations (GACAR), Sections 11 and 12.

Course Objectives

Upon successful completion of this course, participants will be able to:

• deal with radio communication failure aircraft;
• control aircraft with engine failure/fire/smoke;
• control hydraulic failure aircraft;
• control bird hit aircraft; and
• handle crashed aircraft.



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# ATC TEAM RESOURCE MANAGEMENT (TRM) AND SAFETY

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

| | |
|---|---|
| Language | ENGLISH |
| Developed By | The Barbados Civil Aviation Training Centre (BCATC), Barbados |

**Target Population**

- **The primary target population:** Unit chiefs of Air Traffic Services (ATS), Air Traffic Control (ATC) supervisors and senior ATC officers who may be asked to perform the task of shift supervisor and Aeronautical Informational Service (AIS) staff.
- **The Secondary target population:** Air Navigation Services (ANS) management and quality officers.

**Course Aim**

This course will provide ATC supervisors and ANS managers with the necessary knowledge, skills and attitude that will permit them to develop a positive attitude and behaviour towards teamwork skills and human performance in an ATC environment, in order to minimize the impact of teamwork related errors within the Air Traffic Management (ATM) system. These learned skills will also permit students to develop and implement or improve a safety policy, which will describe the organization fundamental safety approach for managing safety and the basic principles of the organization's safety management programme, in accordance with Barbados' local regulations and recommended international standards and best practices.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- implement team building strategies within an ATC environment;
- develop strategies for managing functional teams within an ATC environment and guidelines for conducting teamwork activities;
- evaluate the impact of effective and efficient leadership on teamwork;
- develop stress management coping skills in an ATC team working environment;
- develop a safety culture in the ANS;
- apply accountabilities and responsibilities for the development and delivery of aviation safety strategy and performance;
- develop strategies aimed at minimizing the risk associated with aircraft operations as low as reasonably practicable/achievable;
- evaluate the appropriateness of safety standards for externally implemented systems and services; and
- establish a programme to ensure the implementation of safety strategy and policy measuring the safety performance against realistic objectives and/or targets.

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**STP**

020/169/AIS AFPM
CLASSROOM

# GESTION AUTOMATIZADA DE PLANES DE VUELO

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

Language

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

Developed By

Instituto Centroamericano de Capacitación Aeronáutica (ICCAE) de COCESNA, El Salvador

Target Population

El curso está destinado a:

• Personal de las dependencias ARO/AIS
• Supervisores ARO/AIS

Course Aim

Proporcionar al personal de las dependencias de ARO/AIS, los conocimientos, habilidades y aptitudes necesarios para tramitar los Planes de Vuelo haciendo uso del software de validación del Plan de Vuelo y del sistema AMHS (TOP SKY) a fin de reducir la introducción de errores en el proceso de llenado de planes de vuelo en formato electrónico, sin errores, omisión ni rechazo del sistema, en correspondencia con los Procedimientos Operativos para los Datos Dinámicos AIS (OPADD) para América Central de COCESNA.

Course Objectives

Después de completar satisfactoriamente el curso, los participantes tendrán la capacidad de:

• ejecutar los procedimientos de recepción del Plan de Vuelo; y
• operar el sistema AMHS (TOP SKY) y la aplicación informática de validación de plan de vuelo.



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# VHF (OTE) TX/RX MAINTENANCE COURSE

**Duration**

# 15 DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Civil Aviation Training College Allahabad, India

**Target Population**

The training is most beneficial for:

• air traffic safety and electronic personnel (ATSEP) who are currently assigned or about to be assigned maintenance duties at the VHF site; and
• air traffic safety and electronic personnel (ATSEP) management personnel.

**Course Aim**

To provide ATSEP with knowledge, skills and attitude required to operate and maintain very high frequency (VHF), (OTE) communication system for providing smooth uninterrupted services as per communications, navigation, and surveillance (CNS) circulars of Airports Authority of India and the national operational regulations and procedure.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• operate VHF (OTE) transmitter and receiver;
• perform preventive maintenance of VHF (OTE) Tx and Rx; and
• perform corrective maintenance of VHF (OTE) Tx and Rx.



VHF (OTE) TX / RX
MAINTENANCE COURSE

STP No.: 163/121/COM/MTC/VHF

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**STP**

164/134/COM MTC NAV
## CLASSROOM

# ATSEP NAVIGATION AIDS EQUIPMENT MAINTENANCE

| Duration | **10** DAYS | Fee per participant: To be determined by host |
|---|---|---|

**Language**

ENGLISH

**Developed By**

Nigerian College of Aviation Technology (NCAT), Nigeria

**Target Population**

The training is most beneficial for:

• air traffic safety and electronic personnel (ATSEP) engineers / technicians; and
• air traffic safety and electronic personnel (ATSEP) supervisors, air traffic control officers (ATCOs) and the ab initio students intending to build a career in operational-related tasks in the aviation industry.

**Course Aim**

The course aims to provide ATSEP with knowledge, skills, and attitude required to manage the operation of navigational aids equipment and Navigation-satellite based stations effectively and efficiently, in accordance with national Air Navigation Service Provider (ANSP) Procedures Manual, Nigeria (Nig.) Civil Aviation Regulations (CARs), 2015 and international standards.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• operate navigation aids equipment;
• maintain navigation aids equipment; and
• troubleshoot navigation aids equipment failure.
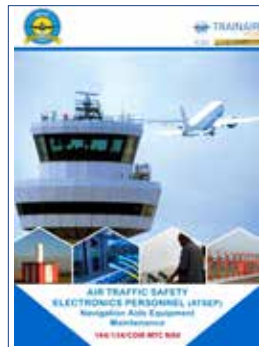


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104/135/AGA MTC PSF
**CLASSROOM**

# ATSEP - AIRPORT POWER SYSTEMS AND FACILITIES MAINTENANCE

| Duration | **10** DAYS | Fee per participant: To be determined by host |
|---|---|---|

Language

ENGLISH

Developed By

Nigerian College of Aviation Technology (NCAT), Nigeria

Target Population

The training is most beneficial for:

- air traffic safety and electronic personnel (ATSEP) engineers / technicians; and
- air traffic safety and electronic personnel (ATSEP) supervisors, air traffic control officers (ATCOs) and trainees intending to build a career in operational-related tasks in the aviation industry.

Course Aim

The course aims to provide air traffic safety and electronic personnel (ATSEP) with knowledge, skills, and attitude required to manage the operation of airport power systems and facilities effectively and efficiently, in accordance with the national Air Navigation Service Provider (ANSP) Procedures Manual, Nigeria (Nig.) Civil Aviation Regulations (CARs), 2015 and international standards.

Course Objectives

Upon successful completion of this course, participants will be able to:

- operate airport power systems and facilities;
- maintain airport power systems and facilities; and
- troubleshoot airport power systems and facilities.
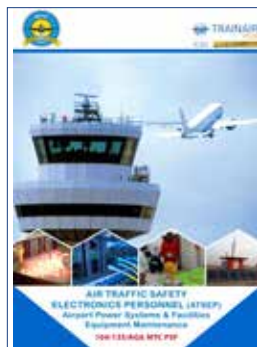


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# ATSEP PRE-ON-THE-JOB TRAINING COURSE

**Duration**

**4** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Nigerian College of Aviation Technology (NCAT), Nigeria

**Target Population**

The training is most beneficial for:

- air traffic safety and electronic personnel (ATSEPs) that have completed the ATSEP basic course and have attained the minimum qualification training in the communications, navigation, and surveillance/air traffic management (CNS/ATM) environment.
- air traffic safety and electronic personnel (ATSEPs) OJT training supervisors.

**Course Aim**

The course aims to provide air traffic safety electronics personnel (ATSEP) with knowledge, skills, and attitude to prepare them for the on-the-job (OJT) training phase qualification for license and ratings, in accordance with national Air Navigation Services Provider (ANSP) Procedures Manual, Nigeria (Nig.) Civil Aviation Regulations (CARs), 2015 and international standards.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- identify regulatory and operational requirements;
- perform OJT proceedings; and
- record the OJT observations in the technical logbook.

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# AIR TRANSPORT

3

**ITP**

# AIR TRANSPORT STATISTICS

**ONLINE**

**Duration**

**6** HOURS

Fee per participant: US$995

**Language**

ENGLISH

**Target Population**

The training is most beneficial for:

• airport and airline planners;
• managers and operational staff;
• airport specialists in government;
• airline executives;
• marketing and commercial managers;
• aviation consultants; and
• aircraft manufacturing analysts.

**Course Aim**

In the first Air Transport Statistics online course, ICAO-CAE will provide basic training on international air transport statistics focusing on standard terminology used, how data is collected, and what it represents.

**Course Objectives**

This course aims to introduce the student to the key statistical elements used in civil aviation to understand the origin and meaning of the statistical data collected and to analyze such data. They will also learn where the data originates, how the different data series may relate to each other, and how to verify that the data submitted conforms to the instructions and definitions pertaining to each data series presented.

Civil aviation statistics may be required for a number of activities: such as, analyzing historical trends, planning and forecasting, defining benchmarks to enable comparison among similar entities, analyzing accident and incident trends, etc. For these activities, a comprehensive understanding of the available information is required. This course fills a vacuum which has been created over the last decade, as some of the international and regional organizations that once provided basic guidance material on air transport statistics to the industry have ceased to do so.

**Important**

Prerequisite reference material for this course is *Manual on the ICAO Statistics Programme (DOC 9060)*, which must be purchased from ICAO before registering: www.icao.int/store

ECONOMICS AND STATISTICS

# AIR TRANSPORT ECONOMICS AND REGULATIONS

| | |
|---|---|
| Duration | **6** HOURS |

Fee per participant:
US$995

**Language**

ENGLISH

**Target Population**

The training is most beneficial for:

• airport and airline planners;
• managers and operational staff;
• airport specialists in government;
• airline executives;
• marketing and commercial managers;
• aviation consultants, and;
• aircraft manufacturing analysts.

It is a useful introductory course for junior aviation experts in their early career development in the air transport industry or government regulatory bodies. Professionals working in related fields such as finance, economic development or tourism will find this course helpful in their dealings with airline/airport issues.

**Course Aim**

As international air transport developed and became more complex over the past six decades, so, too, has its regulation. This course will provide easy learning material to help you acquire the basic knowledge of the many aspects of this dynamic activity. The scope of the course is limited to the economic aspects of international air transport regulation.

**Course Objectives**

This course is designed to provide a clear foundation of the underlining principles of airline and airport economics, as well as to address aviation regulatory and policy issues. It helps to interpret economic indicators and will address implications of airline strategies for airports with particular reference to changing patterns of airline operations. Methods for operating airports under different government policies in different countries will be reviewed as well.

**Important**

Prerequisite reference materials for this course are *Manual on the Regulation of International Air Transport* (Doc 9626) and *Policy and Guidance Material on the Economic Regulation of International Air Transport* (Doc 9587), which must be purchased from ICAO before registering: www.icao.int/store.

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**ITP**

ITP/ATR/IAL/011E
**CLASSROOM**

# INTERNATIONAL AIR LAW COURSE

| | | |
|---|---|---|
| **Duration** | **5** DAYS | Fee per participant: To be determined by host |

**Language**

ENGLISH

**Target Population**

Representatives (eg, administrators, lawyers, managers), with or without legal education, from:

• civil aviation administrations;
• civil aviation authorities; and
• airports and air navigation service providers of member states.

**Course Aim**

The International Air Law course aims to enable representatives of Civil Aviation Administrations, Civil Aviation Authorities, Airports and Air Navigation Service Providers to support their organization in compliance with international air law, by applying knowledge guided through diverse case examples.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• describe the concepts and rules of international air law;
• explain the relevance of the rules and procedures of international air law for their own role and functions in their organization; and
• apply their knowledge and understanding to assist their national administration in improving implementation.

**ITP**

# AIR TRANSPORT STATISTICS

**ONLINE**

**Duration**

**6** HOURS

Fee per participant:
US$995

**Language**

ENGLISH

**Target Population**

The training is most beneficial for:

• airport and airline planners;
• managers and operational staff;
• airport specialists in government;
• airline executives;
• marketing and commercial managers;
• aviation consultants; and
• aircraft manufacturing analysts.

**Course Aim**

In the first Air Transport Statistics online course, ICAO-CAE will provide basic training on international air transport statistics focusing on standard terminology used, how data is collected, and what it represents.

**Course Objectives**

This course aims to introduce the student to the key statistical elements used in civil aviation to understand the origin and meaning of the statistical data collected and to analyze such data. They will also learn where the data originates, how the different data series may relate to each other, and how to verify that the data submitted conforms to the instructions and definitions pertaining to each data series presented.

Civil aviation statistics may be required for a number of activities: such as, analyzing historical trends, planning and forecasting, defining benchmarks to enable comparison among similar entities, analyzing accident and incident trends, etc. For these activities, a comprehensive understanding of the available information is required. This course fills a vacuum which has been created over the last decade, as some of the international and regional organizations that once provided basic guidance material on air transport statistics to the industry have ceased to do so.

Prerequisite reference material for this course is *Manual on the ICAO Statistics Programme (DOC 9060)*, which must be purchased from ICAO before registering: www.icao.int/store

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For more information, visit www.icao.int/training or write to aviationtraining@icao.int.

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**PTP**

ONLINE

# FUNDAMENTALS OF THE AIR TRANSPORT SYSTEM

Duration

## 20 HOURS

Fee per participant:
Free - to complete the online course (without exam)
USD 100 to complete the exam

Language

ENGLISH

Developed by

University of Waterloo in partnership with the International Civil Aviation Organization (ICAO).

Target Population

The training is most beneficial for aspiring new aviation professionals as well as professionals transitioning into aviation.

Course Aim

This course will provide fundamental knowledge and inspire individuals about the different fields of aviation as they consider their professional goals and career path. The following nine online modules cover diverse activities and regulations of civil aviation: air law, aircraft, operations, navigation, airports, security, environment, accidents, and safety. To complete the course without the exam (free of charge), please register at https://www4.icao.int/learning/. To complete the exam to earn a certificate, please go to the ICAO Store at www.icao.int/store.

Course Objectives

Upon successful completion of this course, participants will be able to:

• explore the daily activities, challenges, and decisions within different areas of civil aviation; and
• explain the complexities, and how safe, secure and efficient global air transport is made possible.

## SUPERVISING AIRPORT TEAMS TO DELIVER GREAT CUSTOMER SERVICE

**126/015/MGT AGA/SVC**
**CLASSROOM**

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Gulf Centre for Aviation Studies (GCAS), United Arab Emirates

**Target Population**

The training is most beneficial for supervisors and operations duty managers within sections that deal with customers in the airport.

**Course Aim**

The course will provide participants with the knowledge and skills necessary to effectively supervise customer service teams in an airport environment in accordance with international best practices.

This course will focus on some of the aspects of leadership required of a supervisor in this environment.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• lead the customer service teams on shift;
• handle customer complaints;
• coach individuals; and
• develop a positive team culture.



Supervising Airport Teams to Deliver
Great Customer Service
STP 126/015/MGT AGA/SVC

TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

If you are not a TRAINAIR PLUS Member, please send your enquiries to aviationtraining@icao.int.

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# AVIATION ENGLISH FOR AIRCRAFT MAINTENANCE TECHNICIANS

| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

Language — ENGLISH

Developed By — Ethiopian Aviation Academy (EAA), Ethiopia

Target Population

**The primary target population:** Aviation Maintenance Technicians starting from assistant technicians to lead technicians and graduates of basic aviation maintenance technician training.

**The secondary target population:** Technicians above the lead positions.

Course Aim

This course will provide aviation maintenance technicians with the necessary knowledge, skills, and attitude to write aircraft maintenance records and handle workplace emails and oral communication effectively, as per the required standard.

Course Objectives

Upon successful completion of this course, participants will be able to:

• complete Aircraft Maintenance Logbook, MRO IT System (Maintenix) and Unserviceable Tag;
• complete Shop Finding Forms and Serviceable Tags;
• complete Job Instruction Cards/Task Cards and Resume Book;
• correspond to business emails effectively; and
• make effective oral workplace communication.

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# AIRCRAFT EMERGENCY LANDING AND EVACUATION PROCEDURES TRAINING FOR CABIN CREW

**Duration**

## 5 DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Ethiopian Aviation Academy (EAA), Ethiopia

**Target Population**

The training is most beneficial for:

• trainee cabin crew who will start their career as junior cabin crew; and
• existing cabin crew members.

**Course Aim**

The aircraft emergency landing and evacuation procedures standardized training package (STP) will provide cabin crew members with the necessary knowledge, skills, and attitude to handle aircraft emergency landing and evacuation, according to the standard procedures.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• apply anticipated and unanticipated emergency landing procedures; and
• apply evacuation procedures during emergency landing/ditching.



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## GESTION EFFICACE DU PROCESSUS LETTRES OACI AUX ÉTATS

121/132/MGT SLP
**CLASSROOM**

| Duration | **5** DAYS | Fee per participant:<br>To be determined by host |
| --- | --- | --- |

**Language**

FRENCH

**Developed By**

Académie Tuniso-Française de Formation en Sûreté de l'Aviation Civile (AFSAC), Tunisia

**Target Population**

La population primaire est constituée par le personnel des départements administratifs et juridiques des États, aéroports et compagnies aériennes en charge de la coordination avec l'OACI et des autres départements au sein de leurs États et compagnies.

**Course Aim**

Cette formation permettra aux personnels des départements administratifs et juridiques des États, aéroports et compagnies aériennes en charge de la coordination avec l'OACI et des autres départements au sein de leurs États et compagnies les connaissance, habiletés et attitudes pour la mise en œuvre d'un Système National de coordination et de réponse aux Lettres de l'OACI. Cette coordination est essentielle pour la mise en place effective d'une veille réglementaire au niveau des États et des fournisseurs de service ainsi que pour l'assurance de la conformité avec les dispositions de la Convention de Chicago.

**Course Objectives**

À l'issue de ce cours, les participants seront en mesure de:

• catégoriser les Lettres OACI aux Etats;
• diffuser la lettre de transmission et la Lettre OACI aux institutions et organismes nationaux de l'aviation civile concernés;
• adresser la lettre de réponse concertée à l'OACI; et
• adresser un rapport de suivi à l'OACI.



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**STP**

109/018/AGA/GHG MGT
**CLASSROOM**

# AIRPORT GREEN HOUSE GAS (GHG) MANAGEMENT

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Incheon Airport Aviation Academy (IAAA), Republic of Korea

**Target Population**

The training is most beneficial for current entry- and middle-level managers involved in Green House Gas management who wish to become Airport Green House (GHG) Gas managers.

**Course Aim**

This STP will provide airport GHG managers with the necessary knowledge, skills, and attitude to ensure that airport GHG management procedures are implemented appropriately in order to achieve the goal of credible and
efficient airport GHG management.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• identify relevant drivers for airport GHG management;
• establish criteria for airport GHG inventories;
• develop airport GHG inventories;
• assure the quality for airport GHG inventories; and
• develop an action plan for airport GHG reduction.



TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

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**STP**

041/047/ENV/OPS AGA
**CLASSROOM**

# LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN AND OPERATION OF AIRPORT INFRASTRUCTURES

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

GMR Aviation Academy, India

**Target Population**

The training is most beneficial for officials performing airport master planning, terminal operation, as well as project and engineering and environment specialists involved in sustainability development.

**Course Aim**

On completion of this course, airport planning, engineering, operations and environment teams will be able to develop the knowledge, skills, and attitude required to effectively implement and manage airport Leadership in Energy and Environmental Design and Operation of Airport Infrastructures (LEEDOAI) in accordance with Leadership in Energy and Environmental Design (LEED) standards and guidelines.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• ensure site development and management for sustainable airport functions;
• ensure indoor environmental quality for the comfort of the occupants;
• increase water efficiency within buildings and their distribution systems;
• optimize the energy performance of buildings to protect the atmosphere and the environment; and
• ensure the efficient management of materials and resources to facilitate reduction of waste generated.

TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

If you are not a TRAINAIR PLUS Member, please send your enquiries to aviationtraining@icao.int.

# FLIGHT SAFETY AND SAFETY MANAGEMENT

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**ITP**

ONLINE

AVIATION SAFETY MANAGEMENT

# THE SAFETY MANAGEMENT TRAINING PROGRAMME (SMTP) PART 1 - SAFETY MANAGEMENT ONLINE COURSE

| Duration | **12** HOURS | Fee per participant: US$500 |

**Language**

ENGLISH

**Target Population**

The training is most beneficial for those who work for a State regulatory body involved in the planning, development, and implementation of State Safety Programmes, and for staff who work for an aviation service provider involved in the planning, development and implementation of Safety Management Systems.

**Course Aim**

The course will provide State regulatory and administrative personnel involved in State Safety Programme (SSP) implementation and/or operation with the basic knowledge, skills, and attitude to advocate safety management systems (SMS) requirements and guidance material, as well as the acceptance/oversight of service providers' SMS.

The course will provide service provider staff with the basic knowledge, skills, and attitude to implement, administer or participate in SMS operations.

**Course Objectives**

After having successfully completed this programme, the participants will develop competencies necessary to:

- apply the fundamental concepts and principles of aviation safety management;
- develop SSP/SMS implementation plans based on the frameworks provided in ICAO safety management SARPs and guidance material; and
- participate in their organization's SSP/SMS implementation and operation.

**ITP**

# USING THE TECHNICAL INSTRUCTIONS FOR THE SAFE TRANSPORT OF DANGEROUS GOODS BY AIR

**CLASSROOM**

Duration
Part 1:

**5** DAYS

Fee per participant:
US$995

Language

**ENGLISH & FRENCH**

Target Population

The training is most beneficial for State employees involved in the oversight and administration of regulations related to the transport of dangerous goods by air. However, it would also benefit anyone with a need for knowledge of the detailed provisions contained in the Technical Instructions, including, but not limited to:

• State inspectors;
• directors or managers of operations;
• airport operations supervisors;
• cargo operations managers and frontline supervisors;
• dangerous goods acceptance agents;
• cargo agents/shippers/packers;
• freight forwarders/operator and ground handling agents; and
• security staff.

Course Aim

This course provides State employees with the knowledge and skills required to determine when a consignment of dangerous goods is classified, packed, marked, labelled, documented, accepted, handled and transported, in accordance with ICAO's Annex 18 — *The Safe Transport of Dangerous Goods by Air* and *ICAO's Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284).

Course Objectives

Upon successful completion of this course, participants will:

• identify, classify, pack, mark, label and document dangerous goods, in accordance with *ICAO's Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284);
• understand the legal obligations related to the transport of dangerous goods by air; and
• identify whether appropriate emergency response information can be correctly extracted from *ICAO's Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods* (Doc 9481).

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**ITP**

# GOVERNMENT SAFETY PERSONNEL – PERSONNEL LICENSING (GSI-PEL), COURSE 18710 TRAINING PROGRAMME

**CLASSROOM**

Sidebar navigation:
- AERODROMES
- AIR NAVIGATION SERVICES
- AIR TRANSPORT
- ENVIRONMENT
- FLIGHT SAFETY AND SAFETY MANAGEMENT
- SECURITY AND FACILITATION
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**Duration**

# 15 DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Target Population**

This course is designed for Civil Aviation Authority (CAA) licensing office staff, such as:

- flight crew licensing operations inspectors;
- maintenance licensing inspectors;
- licensing officers or administrative licensing staff; and
- operations inspectors and airworthiness inspectors assigned to the CAA Personnel Licensing (PEL) office.

Inspectors should hold the equivalent licenses that are issued by the PEL office. PEL office administrative staff or licensing officers who are responsible for administrative, non-technical functions of the PEL office should also attend with the CAA licensing inspectors.

**Course Aim**

This course is intended for CAAs involved in developing or upgrading their own State licensing or PEL systems. The course is intended to be taken as a group composed of personnel assigned to a CAA's PEL office. Participants are taught how to establish and maintain a CAA PEL office and consider various factors associated with obtaining services for the PEL system from an outside service provider. Participants will be instructed on how to develop knowledge tests for a licensing system and how to ensure the tests' validity. Participants will learn the licensing process from application to issuance of a license, in addition to procedures for validation or conversion of a foreign license and suspension or revocation of a license. Classroom exercises will provide practice in how to determine if an applicant is eligible for the license sought, and if the license applicant successfully completed the demonstrations required for a license. The course is based on the International Civil Aviation Organization's (ICAO) Standards and Recommended Practices (SARPs), Model Civil Aviation Regulations (MCARs) and technical guidance.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- establish and maintain a CAA PEL system;
- obtain knowledge-testing services from an outside provider;
- manage a knowledge-testing system;
- evaluate a license application for completeness and accuracy;
- determine if an applicant is eligible for the license sought;
- administer, grade, and document the results of knowledge tests;
- conduct flight crew license skill tests;
- conduct maintenance technician skill tests;
- determine the appropriate document to be issued based on the skill test results;
- validate and convert foreign licenses; and
- suspend or revoke a license.

# GSI AIRWORTHINESS – AIR OPERATOR AND APPROVED MAINTENANCE ORGANIZATION CERTIFICATION (GSI-AIR), COURSE 18701

**Duration**

**14** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Target Population**

The training is designed for airworthiness inspectors who meet requirements for an Aircraft Maintenance Engineers/Technicians/Mechanics (AME) License as specified in Annex 1, paragraph 4.2.1.2, with at least five years' experience in the airworthiness field.

**Course Aim**

This course covers the basic concepts and steps involved in certificating an approved maintenance organization and an air transport operator. Participants will be taught the five-phase certification process based upon ICAO Standards and Recommended Practices (SARPs) and Model Civil Aviation Regulations (MCARs). Part One covers Approved Maintenance Organization (AMO) Certification and Part Two covers Air Transport Operator Certification (AOC). During the course, participants will follow a "mock" maintenance organization and then a mock operator seeking certification throughout each phase of the certification process. Exercises will be conducted in which participants must evaluate excerpts of "mock" maintenance organizations and operator's manuals. Participant exercises will also provide practice in evaluating observations of the maintenance organization's and the operator's demonstrations to ensure compliance with the MCARs and advisory material.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• evaluate a prospective Operator's Pre-Assessment Statement Form;
• identify Pre-Application Meeting Objectives;
• review a "mock" Approved Maintenance Organization (AMO) formal application and identify formal application meeting objectives;
• evaluate portions of an applicant's Maintenance Procedures Manuals (MPM) and identify unacceptable errors;
• evaluate an applicant's training curriculum and determine if initial approval can be granted;
• evaluate the results of a main base inspection and determine inspector actions;
• complete a "mock" AMO certificate and Standard Operating Procedures (SOPs) and identify items that must be included in the certification report;
• evaluate narrative and reference statements;
• evaluate an excerpt from a mock operator's Maintenance Control Manual;
• evaluate a "mock" operator's proposed Minimum Equipment List (MEL) and identify Configuration Design Limitations (CDL);
• evaluate an inspection report from a "mock" operator's conformity inspection;
• identify recommendations involving inspector observations/reports of demonstration flights; and complete a "mock" operator's certificate and SOPs and identify items to include in the certification report.

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# GSI OPERATIONS – AIR OPERATOR CERTIFICATION (GSI-OPS), COURSE 18700

**CLASSROOM**

| | |
|---|---|
| Duration | **13** DAYS |
| Language | ENGLISH |

Fee per participant:
To be determined by host

**Target Population**

The training is designed for operations inspectors and aviation safety inspectors tasked with certification of air operators.

**Course Aim**

This course covers the basic concepts and steps involved in certificating an air transport operator. Participants will be taught the five-phase certification process based upon the International Civil Aviation Organization (ICAO) Standards and Recommended Practices (SARPs) and Model Civil Aviation Regulations (MCARs). During the course, participants will follow a "mock" operator seeking certification throughout each phase of the certification process. Exercises will be conducted in which participants must evaluate excerpts of the "mock" operator's manuals and observations of the operator's demonstrations to ensure compliance with the MCARs and advisory material. This course was designed using the ICAO TRAINAIR PLUS course development methodology.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- evaluate prospective operators Pre-Assessment Statement Forms for acceptability;
- identify Pre-Application Meeting Objectives;
- conduct a cursory review of the packages and, from the review, evaluate the quality of one package and identify formal application meeting objectives for the other package;
- evaluate narrative and reference statements;
- conduct an in-depth evaluation of an excerpt from a "mock" Operations Manual;
- evaluate a sample curriculum segment from a "mock" operator's training programme;
- evaluate an excerpt of a "mock" operator's Cabin Attendant Manual for acceptability;
- evaluate a "mock" operator's A300 Aircraft Operating Manual for acceptability;
- evaluate a "mock" operator's proposed Minimum Equipment List (MEL) and Configuration Design List (CDL);
- verify submitted performance planning data for acceptability;
- evaluate an excerpt of a "mock" operator's Aircraft Loading and Handling Manual for acceptability and identify errors;
- evaluate excerpts from the "mock" operator's Exit Row Seating programme;
- evaluate the results of an inspector's main base inspection for acceptability and determine inspector actions;
- evaluate inspector observations of a training programme and facilities for acceptability and determine the correct inspector actions;
- evaluate emergency evacuation demonstration scenarios to determine if they are satisfactory and provide reasons for your decision;
- determine appropriate recommendations for scenarios involving inspector observations/reports of four demonstration flights and reasons for the recommendations; and
- complete a "mock" operator's certificate and SOPs and identify items that must be included in the certification report.

**ITP**

# UNIVERSAL SAFETY OVERSIGHT AUDIT PROGRAMME CONTINUOUS MONITORING APPROACH (USOAP CMA)

**ONLINE**

## Duration

# 40–60 HOURS

Fee per participant:
US$500 - 2 500

## Language

ENGLISH

## Target Population

This training is most beneficial for:

- State Nominees (Potential Auditors and/or ICVM Experts) (Free of charge) : Prospective ICAO auditors and ICAO Coordinated Validation Mission (ICVM) experts who are State employees and meet the selection criteria as listed in State letter 15/35 – Short-term Secondment of Experts to the USOAP CMA. These candidates must be officially nominated by their State or recognized regional safety oversight organization, with their technical area of expertise identified; the nomination letter must specifically refer to State letter 15/35;
- State Employees ($ 1500 USD): State aviation safety personnel who neither have a nomination letter nor meet the criteria to become a potential USOAP CMA auditor yet wish to enhance their competencies in one of the audit areas addressed by USOAP CMA;
- Private Industry Experts ($ 2500 USD): Industry experts who are looking to expand their knowledge in one of the audit areas related to the USOAP CMA. These candidates will not be selected for participation in USOAP CMA activities; and
- TCB Experts (Fee varies) : Experts working for the ICAO Technical Co-operation Bureau (TCB). The USOAP CBT allows TCB experts to expand their knowledge of USOAP CMA activities.

## Course Aim

This training assists aviation experts to prepare for USOAP CMA activities. It highlights the essential content of the protocol questions, relating them to the associated ICAO documents, including the ICAO Annexes and associated guidance material in each audit area: personnel licensing and training (PEL), aircraft operations including dangerous goods (OPS including DG), airworthiness of aircraft (AIR), aircraft accident and incident investigation (AIG), air navigation services (ANS), aerodromes and ground aids (AGA), and primary aviation legislation & civil aviation regulations (LEG) and civil aviation organization (ORG).

The material covered by this training is aligned with the Safety Oversight Audit Manual (Doc 9735).

## Course Objectives

Upon successful completion of this programme, the participants will:

- provide CAA inspectorate staff and industry experts with information regarding the USOAP concepts and methodologies;
- allow aviation safety experts within the CAA and the industry to gain further knowledge about the ICAO audit areas relevant to their expertise; and
- help States and industry experts to gain an understanding of the performance of safety oversight in their respective audit area(s).

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**ITP**

CLASSROOM

# ECCAIRS END-USER COURSE

**Duration**

**5** DAYS

Fee per participant:
To be determined by host.

**Language**

ENGLISH

**Target Population**

The training is most beneficial for safety investigators, safety officers, and administrators who will be entering or extracting safety data from the European Co-ordination Centre for Accident and Incident Reporting Systems (ECCAIRS).

**Course Aim**

The end-user course is aimed at participants who will input the safety data into ECCAIRS or interrogate the system for safety analysis purposes. This course covers Accident/Incident Data Reporting (ADREP) taxonomy, as well as hands-on experience of ECCAIRS as a tool used to code, enter, extract or analyze safety data.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• use ADREP taxonomy;
• complete reporting requirements as per ICAO Annex 13 — *Aircraft Accident and Incident Investigation;*
• conduct safety data collection, analysis;
• exchange requirements as per ICAO Annex 19 — *Safety Management*; and
• learn to use the ECCAIRS software suite to perform the above-mentioned tasks.

# ECCAIRS TECHNICAL COURSE

**Duration**

**5** DAYS

Fee per participant:
To be determined by host.

**Language**

ENGLISH

**Target Population**

The training is most beneficial for IT administrators and/or officers, and power users. It is not suited for safety investigators and office clerks.

**Course Aim**

The technical course is aimed at those who will install and administer ECCAIRS from a technical point of view. This course covers the installation, setup, and management of the ECCAIRS system. The scope of the course enables system administrators and/or IT personnel to get acquainted with the system, perform the setup and configuration of their ECCAIRS installation, as well as to supply basic user support. This support includes the management of the security of the ECCAIRS installation, the adaptation of reports, the customization of the taxonomy and the adaptation of the user interfaces.

Upon successful completion of this course, participants will be able to:

**Course Objectives**

• understand ECCAIRS architecture;
• understand various installation options;
• install ECCAIRS software suite;
• understand various configuration options;
• adapt the ECCAIRS taxonomy to local needs, including the management of custom attributes; and
• modify and re-design the ECCAIRS user interfaces.

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**ITP**

ONLINE AND CLASSROOM

# PERSONNEL LICENSING (PEL) SYSTEM COURSE

Duration

## 43 TRAINING HOURS

Fee per participant:
Hosted by Singapore Aviation Academy (SAA) or by ICAO: US$2 000.

Hosted by TRAINAIR PLUS Members: Determinded by host.

Introduction (online)

1 TRAINING HOUR

Part 1 (online)

15 TRAINING HOURS

Part 2 (classroom)

27 TRAINING HOURS

Language

ENGLISH

Developed by

Singapore Aviation Academy, Singapore

Target Population

The training is most beneficial for personnel licensing staff, technical and administrative staff supporting PEL Office in civil aviation organizations and safety inspectors overseeing the issuance of flight crew and non-flight crew licenses from civil aviation administrations. It will also benefit operations and airworthiness inspectors by enhancing their knowledge on personnel licensing matters related to their safety oversight duties, which are cross-functional activities.

Course Aim

This course will provide participants with essential knowledge, skills, and attitude to establish and manage an effective personnel licensing system.

Course Objectives

Upon successful completion of this course, participants will be able to:

• identify the essential components and processes of a personnel licensing system;
• describe the regulatory system governing personnel licensing and the requirements of a personnel licensing office;
• describe the processing of licenses, language proficiency requirements, and the examining principles of personnel licensing;
• apply procedures for the issuance of flight and non-flight crew licenses;
• apply procedures for issuance, validation and conversion of flight crew licences;
• apply key elements and processes of an approved training organization; and
• describe enforcement actions for non-compliance of regulations.

# SAFETY MANAGEMENT TRAINING PROGRAMME (SMTP) PART 2 - SAFETY MANAGEMENT FOR PRACTITIONERS (SMXP)

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Target Population**

The training is most beneficial for:

- State regulatory personnel involved in the implementation and operation of the State Safety Programme (SSP) with experience working in the aviation industry (air operator, approved maintenance organization, design or manufacturing organization, aerodrome operator, air traffic services provider or aviation training organizations); and
- Service provider staff working for an air operator, approved maintenance organization, design/manufacturing organization, aerodrome operator, air traffic services provider or aviation training organizations that are involved in the following Safety Management Systems (SMS) activities:
  - Safety data and safety information collection;
  - Hazard identification;
  - Safety risk management;
  - Accident/incident investigations;
  - Safety data and safety information analysis;
  - Change management;
  - Safety audits and surveys; and
  - Safety performance monitoring.

**Course Aim**

The SMxP Course aims to provide qualified Safety Management System (SMS) and State Safety Programme (SSP) staff with a comprehensive application of operational safety management processes and practical examples on the use of IT tools to enhance efficiency and effectiveness of safety management activities.

Upon successful completion of this course, participants will:

- identify hazards following a systematic and consistent approach;
- mitigate safety risk following a systematic and consistent approach;
- manage the changes in a safe manner;
- assess safety reports through a safety screening and an internal investigation;
- prepare a safety audit/survey for assessing the performance of the process; and
- design a safety performance monitoring scheme.

**Course Objectives**

In collaboration with: **SENASA**
www.senasa.es

For more information, visit www.icao.int/training or write to aviationtraining@icao.int.

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**STP**

271/001/CARGO
**CLASSROOM**

# AIR CARGO ACCEPTANCE AND HANDLING

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Gulf Centre for Aviation Studies (GCAS), United Arab Emirates

**Target Population**

The training is most beneficial for newly recruited cargo agents and current cargo agents with no previous formal training.

**Course Aim**

This course will provide air cargo agents with the necessary knowledge and skills required to accept and handle cargo appropriately in a safe and efficient manner according to The Air Cargo Tariff (TACT) Rules, Dangerous Goods Regulations (DGR), and Live Animals Regulations.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• accept cargo;
• perform cargo build-up;
• perform cargo breakdown;
• complete cargo documents; and
• perform cargo delivery.



Air Cargo Acceptance and Handling Course
STP 271/001/CARGO

TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

If you are not a TRAINAIR PLUS Member, please send your enquiries to aviationtraining@icao.int.

# FLIGHT PERMISSION OFFICER (FPO)

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Queen Noor Civil Aviation Technical College (QNCATC), Jordan

**Target Population**

The training is most beneficial for:

• flight permission officers;
• ground operations officers;
• ground handling services agents; and
• slot allocation coordinators.

**Course Aim**

This STP will provide flight permission officers with the necessary knowledge, skills, and attitude required to handle flight permission requests/notifications efficiently and effectively, in accordance with applicable national and internationally prescribed standards and recommended practices.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• manage scheduled flight permission requests;
• handle commercial non-scheduled flight permission requests;
• follow up diplomatic flight permission approval; and
• deal with urgent flight permission requests.



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209/029/SMS RMP
CLASSROOM

# RAMP SAFETY AWARENESS

**Duration**

**3** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Air Transportation Human Resources Development Center (ATHRDC), Indonesia

**Target Population**

The training is most beneficial for ramp safety personnel.

**Course Aim**

This course will provide participants with the sufficient knowledge, skills, and attitude required to implement and maintain the ramp safety in accordance with national regulations and the International Civil Aviation Organization (ICAO) standards.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• identify required safety equipment used at the ramp Area;
• identify hazards and manage risks;
• identify ramp area markings and signage;
• apply radiotelephony techniques; and
• apply appropriate action for special handling of abnormal situations.

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## 300/055/AFT PNT
## CLASSROOM

# PINTURA AERONÁUTICA

**Duration**

# 5 DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

**Developed By**

Corporación Educativa Indoamericana (CEI)

**Target Population**

El curso está destinado a:

- estudiantes con perfil técnico aeronáutico;
- personal que trabaja en las empresas desarrollando tareas afines;
- supervisores e inspectores aeronáuticos relacionados con el mantenimiento de las aeronaves; y
- personal de compras y directivos de mantenimiento aeronáutico.

**Course Aim**

Dotar a los Técnicos de Mantenimiento de Aeronaves de los conocimientos y habilidades necesarios para realizar el pintado de las aeronaves y su control de calidad de forma eficiente en el desempeño de su puesto de trabajo.

**Course Objectives**

Tras completar satisfactoriamente el curso, los participantes tendrán la capacidad de:

- aplicar la pintura a las aeronaves de acuerdo con las regulaciones normativas establecidas en FAA, ASTM, NACE y SSPC en los talleres, cabinas y hangares donde se realizan trabajos de pintura aeronáutica, utilizando la documentación técnica de las aeronaves (Manuales) y de los productos (Fichas Técnicas); y

- verificar la calidad del recubrimiento de las aeronaves de acuerdo con las regulaciones normativas establecidas en FAA, ASTM, NACE y SSPC en los talleres, cabinas y hangares donde se realizan trabajos de pintura aeronáutica, utilizando la documentación técnica de las aeronaves (Manuales) y de los productos (Fichas Técnicas)

Los miembros de la red TRAINAIR PLUS pueden adquirir los conjuntos de material didáctico normalizado (CMDN) a través del sistema electrónico de gestión TRAINAIR PLUS (TPeMS).

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**STP**

209/043/SMS SORA
**CLASSROOM**

# SAFETY OCCURRENCE REPORTING AND ANALYSIS – SORaA

| | |
|---|---|
| **Duration** | **5** DAYS |
| **Language** | **ENGLISH** |

Fee per participant:
To be determined by host

**Developed By**

Servicios y Estudios para la Navegación Aérea y la Seguridad Aeronáutica (SENASA), Spain

**Target Population**

General speaking, industry staff operating safety management systems (SMS) and civil aviation authority (CAA) technical officers implementing State safety programmes (SSP) are the core target population.

The primary target population consists of safety staff in charge of safety performance monitoring and measurement within services providers (air operators, air navigation services providers (ANSPs), approved maintenance organizations (AMO), air training organizations (ATO), etc.), as well as safety analysts and inspectors from civil aviation authorities.

The secondary target population is end-users, namely, inspectors in CAA oversight technical fields: Air Navigation, Airports, Airworthiness and Flight Operations.

**Course Aim**

This course will provide competency-based training for safety-related staff to acquire the necessary knowledge, skills, and attitude needed for managing SDCPs (Safety Data Collection and Processing Systems) in accordance with safety management provisions.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• define basic policies and functions of SORaA systems;
• customize components and elements integrating SORaA systems;
• insert data and information from reports into a safety database;
• complete preliminary classification and severity assessment for each occurrence in accordance with formal taxonomies;
• conduct standardized safety analysis;
• conduct data-driven risk analysis based on statistical exploitation of stored occurrences; and
• identify and issue relevant safety recommendations.

TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

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279/XYZ/ACS EES
**CLASSROOM**

# EMERGENCIA AERONÁUTICA, EVACUACIÓN Y SUPERVIVENCIA

| | |
|---|---|
| **Duration** | **10** DAYS |

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

**Developed By**

Centro de Adiestramiento de la Aviación (CAA), Cuba

**Target Population**

**La población Primaria:** Personal que se prepara como futuro Tripulante de Cabina de Passajeros (TCP).

**La población Secundaria:**
• pilotos;
• personal TCP;
• personal de operaciones;
• personal de seguridad operacional;
• despachadores de vuelo;
• inspectores de la autoridad de Aviación Civil; y
• personal del sistema de la aviación civil y aeronáutico en general que lo requiera por sus responsabilidades y funciones.

**Course Aim**

Proveer a los Tripulante de Cabina de Pasajeros (TCP) de los conocimientos, habilidades y actitudes que se necesitan para que los procedimientos ante cada emergencia, evacuación o supervivencia, se cumplan adecuadamente a fin de lograr la salvaguarda de la vida de los pasajeros en caso de accidentes y/o incidentes.

**Course Objectives**

Al finalizar exitosamente las actividades teóricas y prácticas del curso, el participante estará en capacidad de demostrar conocimientos, habilidades y actitudes necesarios para los procedimientos de emergencia, evacuacion y supervivencia a fin de lograr la salvaguarda de la vida de los pasajeros en caso de accidente y/o incidente de forma correcta y eficaz.

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053/106/ATC APP UNST
**CLASSROOM**

# UNSTABLE APPROACHES IN AIR TRAFFIC CONTROL

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Civil Aviation Training College, Allahabad, India

**Target Population**

The training is most beneficial for Air Traffic Controllers deputed for Approach Control duties.

**Course Aim**

This course provides the surveillance air traffic controller with the knowledge, skills and attitude necessary to minimize and control the incident of unstable approach, per ICAO Asia Pacific Regional Aviation Safety Team/3-Working Paper/11.

**Course Objectives**

Upon successful completion of this course, participants will:

• explain causes of an unstable approach; and
• initiate preventive actions to mitigate an unstable approach.
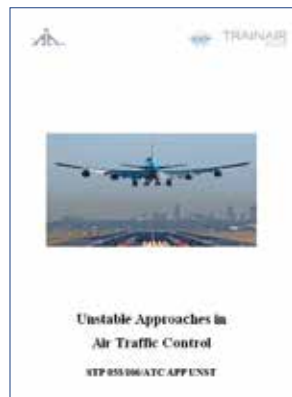


Unstable Approaches in
Air Traffic Control

STP 053/106/ATC APP UNST

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## PREVENTION OF MISCOMMUNICATION IN ATC RADIO TELEPHONY

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Civil Aviation Training College, Allahabad, India

**Target Population**

The training is most beneficial for personnel who are assigned or about to be assigned Air Traffic Control (ATC) duties at the Airport/Air Traffic Services units.

**Course Aim**

This course provides Air Traffic Controllers with the knowledge, skills, and attitude necessary to prevent miscommunication in radio telephony, per standard practices in ICAO Annex 10 — *Aeronautical Telecommunications*, Volume II — *Communication Procedures including those with PANS status*, Procedures for Air Navigation Services — Air Traffic Management (PANS-ATM, Doc 4444), Manual of Radiotelephony (Doc 9432)

**Course Objectives**

Upon successful completion of this course, participants will:

• explain the various factors involved in miscommunication in ATC radio telephony;
• identify the consequences of miscommunication in ATC radio telephony; and
• demonstrate improved communication in ATC radio telephony.
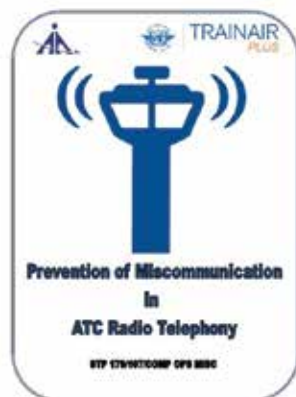


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**STP**

200/092/SMTP RMGM
CLASSROOM

# GESTIÓN DE RIESGO EN LA AVIACIÓN CIVIL

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

**Developed By**

Agencia Nacional de Aviação Civil (ANAC)

**Target Population**

El curso está destinado a los representantes de las autoridades de aviación civil o militar directamente implicados en la regulación y fiscalización de los prestadores de servicios de la aviación civil.

**Course Aim**

Proporcionar los conocimientos, habilidades y actitudes necesarios para el establecimiento por el Estado de requisitos de seguridad operacional para el Sistema de Gestión de la Seguridad Operacional - SGSO de proveedores de servicios y para la aprobación del desempeño de la seguridad operacional del proveedor.

**Course Objectives**

Después de completar satisfactoriamente el curso los participantes tendrán la capacidad de:

• identificar los procesos relativos a la gestión de riesgos;
• relacionar los procesos de la gestión de riesgos con el resto de elementos de la estructura del SGSO, en especial con la Garantía de la Seguridad Operacional;
• determinar las competencias que permiten la actuación en procesos relativos a la Gestión de Riesgos en el ámbito del SSP: la definición de requisitos de seguridad operacional para el SGSO del prestador de servicios y la aprobación del desempeño de la seguridad operacional de los mismos;
• evaluar los procesos desarrollados por los proveedores de servicios relativos a sus responsabilidades en el ámbito del SGSO;
• aplicar los conocimientos, métodos y prácticas de identificación de peligros relativos a productos y/o servicios, la evaluación y mitigación del riesgo;
• utilizar los métodos y herramientas analíticos desarrollados para la evaluación de los riesgos de la seguridad operacional; y
• evaluar la adecuación de los métodos y herramientas analíticos desarrollados para la evaluación de los riesgos de la seguridad operacional de la complejidad de las operaciones del prestador de servicios, y también las estrategias para la mitigación del riesgo utilizadas por los prestadores de servicios.

Los miembros de la red TRAINAIR PLUS pueden adquirir los CMDN a través del Sistema electrónico de gestión TRAINAIR PLUS (TPeMS).

Si usted no es miembro de la red TRAINAIR PLUS, favor de enviar sus solicitudes a aviationtraining@icao.int.

# INSPECCIÓN DE PINTURA Y RECUBRIMIENTO AERONÁUTICO

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

**Developed By**

Corporación Educativa Indoamericana (CEI), Colombia

**Target Population**

El curso está destinado al personal implicado en los procesos y procedimientos de mantenimiento relacionados con la pintura aeronáutica, tales como:

- directivos de mantenimiento aeronáutico;
- inspectores y / o supervisores técnicos de aeronaves;
- técnicos de línea de aeronaves;
- jefes de mantenimiento y / o de pintura;
- aplicadores de pintura certificados; y
- otros cargos afines.

**Course Aim**

Dotar al personal logístico a cargo de la fabricación y el mantenimiento de las aeronaves en los talleres y hangares aeronáuticos de los conocimientos y habilidades necesarios para inspeccionar la pintura aeronáutica y para el recubrimiento de las aeronaves de acuerdo con las fichas técnicas de los productos y las regulaciones normativas establecidas en FAA, UAEAC, ASTM, NACE y SSPC.

**Course Objectives**

Finalizado el curso, los participantes tendrán la capacidad de validar la pintura aeronáutica suplida para ser usada e inspeccionar los recubrimientos de las aeronaves de acuerdo con las fichas técnicas de los productos y las regulaciones normativas establecidas en FAA, UAEAC, ASTM, NACE y SSPC



CURSO DE INSPECCIÓN DE PINTURA Y RECUBRIMIENTO AERONÁUTICO.
300/101/AFP PNT QC

Los miembros de la red TRAINAIR PLUS pueden adquirir los CMDN a través del Sistema electrónico de gestión TRAINAIR PLUS (TPeMS).

Si usted no es miembro de la red TRAINAIR PLUS, favor de enviar sus solicitudes a aviationtraining@icao.int.

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For more information, visit www.icao.int/training or write to aviationtraining@icao.int.

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# AVIATION MEDICAL EXAMINER (BASIC COURSE)

141/085/MED EXA BASIC
**CLASSROOM**

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Egyptian Aviation Academy (EAA)

**Target Population**

The training is most beneficial for post-graduate physicians who are working or intend to work in the aviation medicine field.

**Course Aim**

This course will provide the aviation medical examiner with the competencies needed to conduct a medical examination of fitness for applicants' licenses process, or ratings for which medical requirements are prescribed.

**Course Objectives**

Upon successful completion of the course, participants will be able to:

- identify the medical requirements in different medical specialties to be applied during the aircrew medical examination process;
- verify the different types of certificates according to medical requirements prescribed and the procedures to be implemented during the issuing of a medical certificate;
- implement continuous re-evaluation of the medical assessment process; and
- recognize the medical factors affecting crew performance.
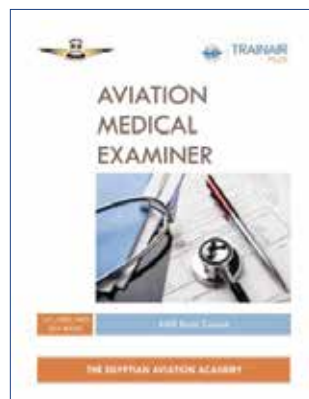


TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

If you are not a TRAINAIR PLUS Member, please send your enquiries to aviationtraining@icao.int.

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# STATE AVIATION INSPECTOR ON TRAINING ORGANIZATIONS

**Duration**

**8** DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN RUSSIAN ONLY.

**Developed By**

Republican State-owned Enterprise "Kazaeronavigatsia"

**Target Population**

- **The primary target population:** State aviation inspectors who are currently responsible or will be responsible for activities related to the certification, approval and surveillance of training organizations and training programmes.
- **The secondary target population:** Managing personnel of training organizations.

**Course Aim**

This course will provide state aviation inspectors in training organizations with the necessary knowledge, skills and attitude to perform the activities related to the certification, approval and surveillance of training organizations and training programmes.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- apply procedures to evaluate application for approval of a training organization;
- apply procedures to evaluate training curricula and materials submitted by training organizations seeking approval;
- apply procedures to evaluate personnel of training organizations seeking approval;
- apply procedures to evaluate the training facilities, procedures and methods at training organizations;
- evaluate the effectiveness of the quality assurance and safety management systems;
- recommend the remedial action to be taken;
- apply procedures to oversee approved training organizations; and
- apply procedures to inspect approved training organizations.

TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

If you are not a TRAINAIR PLUS Member, please send your enquiries to aviationtraining@icao.int.

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**STP**

129/098/MGT AMT
CLASSROOM

# GERENCIA DEL MANTENIMIENTO AERONÁUTICO

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

**Developed By**

Corporación Educativa Indoamericana (CEI), Colombia

**Target Population**

El Curso está destinado a:

• personal que trabaja en las empresas desarrollando labores afines;
• supervisores e inspectores aeronáuticos relacionados con el mantenimiento de las aeronaves; y
• personal de compras y directivos de mantenimiento aeronáutico.

**Course Aim**

Proporcionar al personal logístico a cargo del mantenimiento de las aeronaves en los aeropuertos de los conocimientos, habilidades y aptitudes necesarias para dirigir el mantenimiento aeronáutico con calidad de acuerdo con los manuales y procedimientos técnicos de mantenimiento y las regulaciones aeronáuticas de aplicación.

**Course Objectives**

Finalizado el curso, los participantes estarán en capacidad de:

• planificar el mantenimiento aeronáutico;
• organizar los procesos del mantenimiento aeronáutico;
• aplicar los procedimientos gerenciales; y
• implementar estrategias de control del mantenimiento aeronáutico.



Los miembros de la red TRAINAIR PLUS pueden adquirir los CMDN a través del Sistema electrónico de gestión TRAINAIR PLUS (TPeMS).

Si usted no es miembro de la red TRAINAIR PLUS, favor de enviar sus solicitudes a aviationtraining@icao.int.

# INVESTIGACIÓN DE ACCIDENTES E INCIDENTE DE AVIACIÓN CIVIL

**Duration**

**10** DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN SPANISH ONLY.

**Developed By**

Centro de Instrucción, Perfeccionamiento y Experimentación (CIPE), Argentina

**Target Population**

El Curso está destinado a:

• grupo primario: personal contratado de nuevo ingreso para desarrollar las actividades de investigación de accidentes.
• grupo secundario: profesionales del área de Seguridad Operacional.

**Course Aim**

Proporcionar los conocimientos, habilidades y aptitudes necesarios para desempeñarse de manera competente como investigador de accidentes de aviación civil, integrando un equipo de investigación, de acuerdo con la reglamentación AIG de la Agencia Nacional de Aviación Civil de la República Argentina.

**Course Objectives**

Finalizado el curso, los participantes estarán en capacidad de:

• definir el Plan de Acción para la organización del trabajo de campo;
• listar las medidas de protección a ser ejecutadas para garantizar el desarrollo del trabajo en condiciones seguras  y la preservación de los posibles elementos de prueba;
• recopilar todos los posibles elementos de prueba disponibles en el lugar del suceso;
• transformar los datos fácticos en información posible de analizar, plasmándolos en el Título 1 del Informe Final;
• completar el Título 2 del Informe Final utilizando un enfoque sistémico en el análisis de la información; y
• redactar las conclusiones y recomendaciones del Informe Final de Investigación.



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201/146/SMS HIRM
**CLASSROOM**

# OPERATIONAL HAZARD IDENTIFICATION AND RISK MITIGATION

| | |
|---|---|
| Duration | **4** DAYS |
| | Fee per participant: To be determined by host |
| Language | ENGLISH |
| Developed By | Singapore Aviation Academy, Singapore |
| Target Population | This training is most beneficial for: |

- licensed staff, operational staff, operational support staff, safety regulatory inspectors who are involved in the performance or oversight of safety risk mitigation (SRM) projects; and
- safety management system (SMS) managers and the superiors of the staff involved in the performance or oversight of safety risk mitigation projects.

**Course Aim**

To provide personnel involved in the performance or oversight of safety risk mitigation projects with the necessary knowledge, skills, and attitude to use specific safety risk mitigation tools in their safety management system, in accordance with the organization's hazard identification and risk mitigation's (HIRM) standard operating procedure (SOP).

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- develop proactive methodology for hazard identification;
- develop reactive methodology for hazard identification;
- develop predictive methodology for hazard identification;
- establish hazards and risk management database;
- validate hazard information;
- activate SRM project for specific hazard; and
- take SRM action.



TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

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# TRAFFIC INFORMATION BROADCASTS BY AIRCRAFT (TIBA) SAFETY PROCEDURES (UNCONTROLLED OPERATIONS)

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Saudi Academy of Civil Aviation (SACA), Saudi Arabia

**Target Population**

This training is most beneficial for:

• air traffic controllers, airline pilots; and
• ground operations personnel, foreign and Kingdom of Saudi Arabia (KSA) airspace users, general aviation personnel, flight information specialist officers (FISO), airside personnel.

**Course Aim**

This course will enable pilots, controllers and ground operations personnel to effectively apply traffic information broadcast by aircraft (TIBA) safety procedures (in uncontrolled airspace) in accordance with KSA Air Traffic Service Procedures, Section 15.22, KSA Aeronautical Information Publication (AIP), (Enroute (ENR) 1.4 & GEN 1.7)& KSA General Authority of Civil Aviation Regulations (GACAR) TIBA Operating Procedures.

**Course Objectives**

Upon successful completion of the course, participants will be able to:

• apply TIBA procedures for landing aircraft;
• apply TIBA procedures for departing aircraft; and
• apply emergency procedures in uncontrolled airspace.
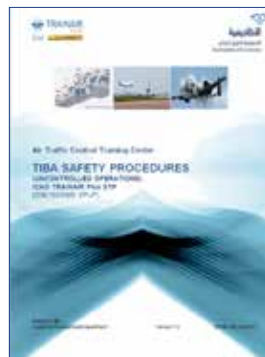


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**CTP**

CTP/FSM/MED/003E
**CLASSROOM**

# INTERNATIONAL ACADEMY OF AVIATION AND SPACE MEDICINE - SINGAPORE AVIATION ACADEMY (IAASM-SAA) POSTGRADUATE CERTIFICATE IN AVIATION MEDICINE FOR MEDICAL EXAMINERS AND ASSESSORS

| Duration | **10** DAYS | Fee per participant: To be determined by host |
|---|---|---|

**Language** ENGLISH

**Developed By** Singapore Aviation Academy, Singapore

**Target Population** This training is most beneficial for:

- physicians who aspire to be appointed as an aviation medical examiner or a medical assessor; and
- existing aviation medical examiners and medical assessors; medical officers of civil aviation authorities and airline health departments; general practitioners, doctors in hospital practice and related health professionals with an interest in applied aviation medicine.

**Course Aim**
- this course (Part 1 and 2) will prepare participants to familiarize themselves with the roles and responsibilities of an aviation medical examiner and assessor through a curriculum that covers the competency framework published in the ICAO Manual of Civil Aviation Medicine as well as foundational knowledge of ICAO Annex 1 — Personnel Licensing, Standards and Recommended Practices (SARPs), and the aviation environment;
- the course (Part 3, 4 and 5) will provide participants with practical experience of the aviation operating environment in order to appreciate its impact on human physiology and performance;
- participants (primary target audience only) will be able to apply ICAO SARPs, perform effective licensing medical examination, critically evaluate medical documents and make medical fitness conclusions for ICAO Class 1, 2 and 3 medical assessments.

**Course Objectives**
Upon successful completion of this course, participants will be able to:

- appreciate the mechanisms and medical provisions;
- explain the physiological effects aircrew and passengers may incur from flying at altitude;
- select the correct techniques and strategies to facilitate voluntary declaration of medical issues by licence applicants;
- justify the correct approach and investigation methods in medical evaluation to assess a licence applicant's aeromedical fitness for certification; and
- comply with requirements of international health regulations when analysing the health and human factors hazards.

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## PERSONAL WEIGHT MANAGEMENT SKILL SET FOR AVIATION PROFESSIONALS

**ONLINE**

**Duration**

# 10–15 HOURS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

ASSET Aviation Institute

**Target Population**

Primary Target Population:
• Flight crew members (pilots, cabin crew and technical crew).

Secondary Target Population:
• Engineers;
  air traffic controllers; and
• all aviation personnel who are required to maintain an aviation medical certificate, or oversee the management of flight and cabin crew, or who are interested in maintaining a healthy weight range through management of lifestyle choices.

**Course Aim**

This course will provide participants the necessary knowledge, skills and attitude to ensure that they can plan and execute a lifestyle that will reduce the likelihood of obesity and its related diseases, in accordance with the recommended practices and procedures established by the State (e.g. Department of Health) and relevant international bodies.

**Course Objectives**

Upon successful completion of the course, participants will be able to:

• calculate personal normal weight range;
• determine personal energy requirements;
• choose a personal weight management plan in the context of the aviation workplace; and
• apply personal weight management strategies in the aviation workplace.

TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

If you are not a TRAINAIR PLUS Member, please send your enquiries to aviationtraining@icao.int.

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# SECURITY AND FACILITATION

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**ITP**

## CLASSROOM

# BASIC COURSE

**Duration**

## 12 DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Target Population**

The training is most beneficial for new entrants and existing personnel at the basic level employed by the authority or organization primarily responsible for the application of aviation security preventive measures at airports and from such other aviation-related agencies engaged in support activities.

**Course Aim**

This course is designed to train base- or entry-level airport security personnel to enforce, monitor, and apply airport security measures, in accordance with locally approved programmes, and to communicate and cooperate with other airport agencies. The course should be followed for a minimum of six months of practical experience working under the guidance of a qualified AVSEC supervisor in the field.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• work in and move about an airport safely;
• communicate and cooperate with other airport agencies;
• control the movement of people and vehicles by means of access control techniques and systems;
• guard and patrol airport vulnerable areas, facilities, and aircraft;
• recognize weapons and explosive/incendiary devices;
• inspect/screen/search passengers and baggage;
• respond to airport emergency situations; and
• escort people and consignments.

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**ITP**

CLASSROOM

# INSTRUCTORS COURSE

**Duration**

**7** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Target Population**

The training is most beneficial for:

• personnel involved in the development, management and/or instruction of training materials related to a civil aviation security training programme; and
• management, supervisors, and personnel involved in the instruction of aviation security including the:
    • State's appropriate Authority for Aviation Security involved in the instructional duties or implementation of training programmes;
    • airport operators;
    • aviation security service providers; and
    • other government or industry entities directly involved in the implementation of security measures.

**Course Aim**

In this course, graduates will be able to conduct Aviation Security (AVSEC) courses and be fully versed in the general application of training principles, the preparation of appropriate teaching aids, and the tailoring of course material to harmonize course objectives with local and national requirements. It is intended for any aviation personnel who require AVSEC instruction, guidance, and materials.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• apply general principles of learning and instruction;
• determine training objectives and devise tests to evaluate progress towards their achievements;
• decide on the instructional method (individual or group tuition) best suited to the course;
• plan and implement courses of instruction;
• select, prepare, and use appropriate teaching aids; and
• use validated, material-dependent course materials, such as TRAINAIR PLUS Standardized Training packages (STPs).

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CLASSROOM

# MANAGEMENT COURSE

| | |
|---|---|
| Duration | **10** DAYS |
| | Fee per participant:<br>To be determined by host |
| Language | ENGLISH |

**Target Population**

The training is most beneficial for existing personnel at the supervisory level with the potential for promotion to the managerial level, as well as existing personnel at that level employed by the authority or organization primarily responsible for the application of aviation security preventive measures at airports.

**Course Aim**

This course will train aviation security personnel at the managerial level to plan, coordinate, and implement the application of airport security preventive measures in accordance with approved programmes.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• explain the origin and purpose of ICAO aviation security-related legal instruments, ICAO Annex 17 — *Security — Safeguarding International Civil Aviation against Acts of Unlawful Interference*, and the *Aviation Security Manual* (Doc 8973);
• apply basic concepts of management to aviation security and explain the specialist role of the aviation security manager;
• plan, develop, and organize the human and material resources necessary for the effective operation of an aviation security unit;
• plan and administer the financial budget for a security unit;
• advise on the development of aviation security programmes and Standard Operating Procedures (SOPs);
• monitor and enforce the implementation of aviation security programmes and SOPs;
• verify that security personnel are able to implement aviation security preventive measures;
• advise on the development of airport emergency plans and manage the security response action necessary in security emergencies involving aircraft, terminal buildings, and airport facilities;
• take part in an aviation crisis management team as required;
• develop and implement AVSEC training for security personnel and other airport workers and users; and
• develop and maintain liaison with other airports and outside organizations and agencies.

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AVIATION SECURITY TRAINING PACKAGES (ASTPS)

# CRISIS MANAGEMENT COURSE

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Target Population**

The training is most beneficial for staff at the mid- to senior-management level of organizations within a State who have been assigned responsibility under that State's National Civil Aviation Security Programme (NCASP) to evaluate and maintain the effectiveness of the crisis management portion of the response to acts of unlawful interference occurring within that State.

**Course Aim**

This is a specialized course designed for aviation security middle and senior management personnel who have been assigned to organize, plan, conduct, and assess aviation security crisis management exercises to ensure that the overall crisis management system is properly prepared and to determine the effectiveness of crisis management plans and procedures.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• explain the need for a crisis management plan to respond to major security emergencies occurring at airports;
• describe the essential components of a crisis management team;
• identify the composition and function of a crisis management team;
• describe the essential facilities necessary in support of a planned response to crises; and
• list the system-testing feature necessary to ensure currency in crisis management plans.

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**ITP**

# AIR CARGO AND MAIL SECURITY COURSE

**CLASSROOM**

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| | |
|---|---|
| Duration | **5** DAYS |

Fee per participant:
To be determined by host

**Language**  ENGLISH

**Target Population**

The training is most beneficial for:

• personnel responsible for the development, implementation, and oversight of air cargo and mail security measures;
• staff of State authority responsible for aviation security, other regulatory authorities, airports, airlines, and/or other stakeholders that have an active role in maintaining air cargo and mail security. This course is also appropriate for national Aviation Security (AVSEC) instructors who are, or will be, responsible for training similar subject matter.

**Course Aim**

Implementation and oversight of air cargo and mail security. It provides information on the purpose and intent of existing security measures, the implementation of appropriate security controls for cargo consignments, and the appropriate emergency response procedures in the event of a cargo security incident.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• appreciate the origin and purpose of security measures and procedures necessary for the protection of cargo, courier/express parcels, mail, and operators' supplies;
• understand the nature of the threat posed to aircraft by explosives and other dangerous substances;
• understand the concept of secure supply chain;
• apply appropriate security controls to cargo consignments;
• inspect, screen, or search consignments in accordance with prescribed security principles;
• ensure that all cargo facilities, vehicles, containers, and equipment are subject to security control; and
• apply proper response action to an airline security emergency related to suspect cargo.

**ITP**

# NATIONAL INSPECTORS COURSE

**CLASSROOM**

**Duration**

**7** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Target Population**

Nominees should have already attended a specialized Aviation Security (AVSEC) training activity, such as the National Quality Control Programme Workshop and/or have regulatory experience prior to attending this course. In order to receive a certificate of successful completion, participants will be required to pass an end-of-course exam based on ICAO Annex 17 — Security — Safeguarding International Civil Aviation against Acts of Unlawful Interference, the *Aviation Security Manual* (Doc 8973) (Restricted), and materials presented during the course.

**Course Aim**

The course provides trainees with theoretical and practical knowledge of fundamental aspects of the audits and inspections as a part of a National Quality Control system. Trainees are provided with a standard methodology as well as specific techniques.
The course is concluded by an exercise conducted at the airport.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• define aviation security audits and inspections;
• determine the duties and specific skills required by an inspector;
• determine the appropriate methodology necessary to conduct security inspections within the scope of a National Aviation Security Quality Control system; and
• prepare for, conduct, and present findings related to an aviation security inspection within the context of an exercise.

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**ITP**

190/093/MRTD INI
**CLASSROOM**

# CONTROL OF THE AUTHENTICITY AND VALIDITY OF TRAVEL DOCUMENTS AT AIRPORT BORDERS - LEVEL 1

| Duration | **4** DAYS | Fee per participant:<br>To be determined by host |

**Language**

ENGLISH, ARABIC, FRENCH AND SPANISH

**Developed By**

ICAO Global Aviation Training and Facilitation Section

**Target Population**

Front-line inspection officers

**Course Aim**

This course will consolidate the competencies of front-line inspection officers from immigration and border control authorities to examine travel documents effectively, allowing them to expedite the movements of legitimate travellers while identifying high-risk individuals.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• describe the basic elements of a travel document;
• identify the different types of fraud;
• examine a travel document manually and visually to detect whether it is fraudulent or not; and
• examine a travel document using an electronic document reader to detect whether it is fraudulent or not.

**PTP**

ONLINE
& CLASSROOM

# ICAO-CONCORDIA UNIVERSITY AVIATION SECURITY PROFESSIONAL MANAGEMENT COURSE (PMC)

**Duration**

**10 DAYS (CLASSROOM)
10 WEEKS (ONLINE)**

Fee per participant:
CAD $5 400

**Language**

**ENGLISH**

**Target Population**

The training is most beneficial for air transportation industry managers, or future managers, who have responsibilities in the area of aviation security (AVSEC).

**Course Aim**

This blended course, developed in partnership between ICAO and Concordia University, which combines 2 weeks of classroom training and 10 weeks of distance eLearning, aims to develop an internationally recognized Professional AVSEC Manager.

**Course Objectives**

The main objective of this course is to foster a common understanding of ICAO Annex 17 — *Security — Safeguarding International Civil Aviation against Acts of Unlawful Interference and the ICAO Aviation Security Manual* (Doc 8973), as well as to promote the use of management principles, best practices and intra- and inter-regional cooperation. Graduates will obtain permanent access to the global AVSEC eProfessional Community (ePC) network through a web-based forum managed by ICAO and Concordia University.

You may also visit: www.concordia.ca/jmsb/ami

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**PTP**

# ICAO – ACI MANAGEMENT OF AIRPORT SECURITY

**CLASSROOM**

| | | |
|---|---|---|
| Duration | **5** DAYS | Fee per participant: US$2000 |

Language | ENGLISH

Target Population

The training is most beneficial for personnel that have aviation security responsibilities for an aerodrome. The main target audience for this course are:

• airport managers and personnel with security responsibilities;
• suppliers and service providers with security responsibility at an airport (e.g., ground handlers, maintenance organization, cargo agents, catering, or airport security providers); and
• civil aviation security regulators.

Course Aim

This course provides guidance to aviation security personnel at a managerial level on planning, coordinating and implementing airport security preventative measures and pro-active initiatives that are in accordance with national programmes and airport industry best practices.

Course Objectives

Upon successful completion of this course, participants will be able to:

• explain the origin and purpose of International Civil Aviation Organization (ICAO) aviation security related legal instruments for States, such as ICAO Annex 17 — *Security — Safeguarding International Civil Aviation against Acts of Unlawful Interference*, and the *Aviation Security Manual* (Doc 8973);
• apply the basic concepts of management to aviation security and explain the specialist's role as aviation security manager;
• analyze the core components of, and the roles within an effective security team;
• evaluate options benefits and disadvantages of outsourcing security activities;
• review the development of aviation security programmes and Standard Operating Procedures (SOP);
• analyze an airport emergency plan and determine how to manage the security response action necessary in security emergencies involving aircraft, terminal buildings and airport facilities;
• identify and assess their own airport security plan based on their national requirements that comply with ICAO and industry best practices with the use of practical case studies and simulation exercises;
• implement a training programme for airport security and non-security staff;
• implement a robust quality control programme and a process of continuous improvement;
• set up procedures and mechanisms for reporting and recording security incidents;
• set up and run an airport security committee;
• implement regular reporting mechanisms and communications channels with intelligence agencies;
• implement a risk and vulnerability assessment and review process to prioritize and manage risks; and
• implement a security policy, and understand the key components of creating a security culture within an organization.

**CTP/ASF/SCS/002E**
CLASSROOM

# AVIATION SECURITY PRACTICE FOR SCREENING CHECKPOINT SUPERVISORS

**Duration**

**3** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Civil Aviation Training Center of Korean Airports Corporation (KAC), Republic of Korea

**Target Population**

This training is most beneficial for airport security supervisors in charge of screening checkpoint.

**Course Aim**

This refresher course will provide screening checkpoint supervisors with the necessary knowledge, skills and attitude to continue the administrative and operational oversight of their teams to effectively and efficiently implement procedures in accordance with the National/Airport Security Programme.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- determine the applicable current international, national and airport aviation security regulations;
- determine the procedure on special categories of passengers and carriage of firearms; and
- conduct assessment of a screening agent.

ICAO TRAINAIR PLUS /
Airport Security Practice for Screening Checkpoint Supervisors

KAC

AERODROMES

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# CROSS CULTURAL AWARENESS FOR IMMIGRATION OFFICERS

190/163/FAL CCA
**CLASSROOM**

**Duration**

# 5 DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Qatar Aeronautical College (QAC), Qatar

**Target Population**

This training is most beneficial for:

- airport immigration officers; and
- immigration supervisors, ground handling agents, AVSEC officers, Passenger service provider's agents.

**Course Aim**

The course aims to provide airport immigration officers with knoweldge, skills and attitude required to effectively and efficiently handle various situations arising from cultural differences among travellers, in accordance with the Local Airport Security Guidance Manual.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- identify cultural differences;
- apply effective communication;
- provide high level customer service; and
- take appropriate action in case of situations which occur due to traveller cultural differences.

You may also visit: www.concordia.ca/jmsb/ami
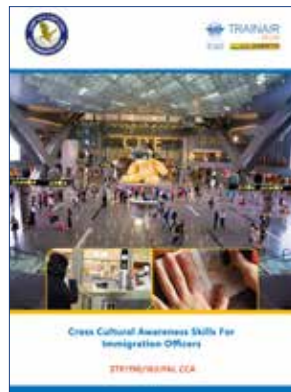


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# TRAVEL DOCUMENTS

**Duration**

**3** DAYS

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Turkish Aviation Academy (TAA), Turkey

**Target Population**

The training is most beneficial for passenger service agents working for an airline or its handling agencies.

**Course Aim**

To enable participants with the adequate competencies to acquire the relevant knowledge and skills to correctly identify the difference between genuine and fraudulent travel documents, apply profiling techniques, and discern between impostors and legitimate passengers.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- receive and identify travel documents;
- cross-match travel documents;
- utilize databases to determine the appropriateness of travel documents for intended travel;
- identify security features on all types of travel documents;
- detect forgeries and/or impostors; and
- correctly profile travel documents holders.

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MANAGEMENT PROGRAMMES

# UTILISATION D'UN APPAREIL RADIOSCOPIQUE CONVENTIONNEL EN VUE DE LA DÉTECTION DE MENACES

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

THIS COURSE IS CURRENTLY AVAILABLE IN FRENCH ONLY.

**Developed By**

École Nationale de l'Aviation Civile (ENAC)

**Target Population**

**La population cible primaire:** Des agents de sûreté aéroportuaire postulant sur un poste d'opérateur R-X, ou nécessitant de parfaire ses techniques de détection.

**La population cible secondaire:** Des agents superviseurs.

**Course Aim**

Cette mallette pédagogique normalisée permettra aux Agents de Sûreté Aéroportuaire d'acquérir les connaissances, habiletés et attitude nécessaires pour satisfaire aux recommandations réglementaires en termes de détection de menaces en bagages cabine, en inspection filtrage sur un équipement radioscopique conventionnel.

**Course Objectives**

Course Objectives: À l'issue de ce cours, les participants seront en mesure de :

- utiliser un appareil radioscopique conventionnel;
- reconnaître, sur des images radioscopiques de bagages cabine, les objets usuels et les articles prohibés en cabine;
- catégoriser les articles prohibés;
- localiser les articles prohibés et/ou suspects sur une image radioscopique d'un bagage cabine; et
- procéder à l'inspection filtrage de bagages cabine en environnement simulé, avec un taux de détection de menaces supérieur à 75%, et un taux de fausses alertes inférieur à 25%.



Les membres du réseau TRAINAIR PLUS peuvent acheter les STP directement sur le système de gestion électronique (TPeMS).

Si vous n'êtes pas un membre de TRAINAIR PLUS, vous pouvez envoyer votre demande à aviationtraining@icao.int.

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# CATERING SECURITY

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

ARABIC

**Developed By**

Saudi Academy of Civil Aviation (SACA), Saudi Arabia

**Target Population**

This training is most beneficial for:

• catering security guardsp; and
• catering security supervisors.

**Course Aim**

This course will provide catering security guards with the necessary knowledge and skills required to effectively ensure catering security, in accordance with the Saudi National Security Program, Saudi Catering Security Manual and Security Equipment Manual.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• perform takeover/handover procedures;
• apply security equipment test;
• apply security screening procedures for individuals;
• apply security screening for catering;
• ensure security of the catering building; and
• ensure secure delivery of the catering to aircraft.

TRAINAIR PLUS Members can purchase Standardized Training Packages (STPs) through the TRAINAIR PLUS Electronic Management System (TPeMS).

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**ITP**

**CLASSROOM**

INSTRUCTIONAL DESIGN

# TRAINING DEVELOPERS COURSE (TDC)

**Duration**

**10** DAYS

Hosted by ICAO: US$1 500
Hosted by TRAINAIR PLUS
Members: Determined by host

**Language**

ENGLISH, FRENCH AND SPANISH

**Target Population**

The training is most beneficial for:

- experienced civil aviation training instructors and aviation professionals who are dedicated to the development and implementation of competency-based training programmes that comply with ICAO's training methodology standards; and
- training managers, supervisors, and professionals who want to increase their productivity as developers of standardized training and educational programmes.

**Course Aim**

The Training Developers Course (TDC) is the core training activity of the TRAINAIR PLUS Programme. It is the main tool to consolidate the implementation of the Programme among Civil Aviation Training Centres (CATCs), through the creation of well-trained professional teams of course developers to work in their CATC Course Development Units (CDU).

The course will train civil aviation course developers to design and develop Standardized Training Packages (STPs) to TRAINAIR PLUS competency-based training methodology by either upgrading existing conventional courses developed by the CATC to become a STP or to create a new STP.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

- apply the competency-based methodology specific to ICAO's TRAINAIR PLUS Programme for the design and development of high quality STPs;
- promote the development of competency-based courses that meet the national, regional or global civil aviation training needs; and
- co-operate with subject matter experts in the process of STP development.

# TRAINING INSTRUCTORS COURSE (TIC)

**ONLINE & CLASSROOM**

**Duration TIC Part 1:**

**30** HOURS (English online)

**Duration TIC Part 2:**

**5** DAYS (English classroom)

**8** DAYS (French and Spanish classroom)

**TIC Part 1**
Fee per participant: US$500

**TIC Part 2**
English hosted by ICAO: US$1 000

Spanish and French hosted by ICAO: US$1 500

Hosted by TRAINAIR PLUS Members: To be determined by host

**Language**

ENGLISH, FRENCH, SPANISH

**Target Population**

The training is most beneficial for:

• pre-service and in-service instructors with little or no formal training background;
• aviation training instructors and aviation professionals who are dedicated to the implementation of competency-based training programmes;
• subject matter experts and specialists who wish to upgrade their instructional competencies; and
• current instructors who wish to refresh and upgrade their trainer competencies.

**Course Aim**

This course will enable participants to methodically prepare and conduct training courses in accordance with ICAO's instructor competencies and develop the required training strategies for course delivery. The TIC will train instructors to deliver STPs based on the TRAINAIR PLUS methodology, as well as conventional courses.

**Course Objectives**

Upon successful completion of this course, participants will be able to:

• prepare a training environment including facilities, equipment, and instructional material;
• manage the trainees by using effective training strategies;
• conduct training with a variety of instructional methods as required for the training;
• perform trainee assessments appropriately, objectively, and correctly;
• perform course evaluations effectively; and
• complete training reports for course improvement.

Part 1 training was developed in collaboration with:



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**ITP**

# TRAINING MANAGERS COURSE (TMC)

| | |
|---|---|
| Duration | **5** DAYS |

Hosted by ICAO: US$1 500
Hosted by TRAINAIR PLUS
Members: Determined by host

**Language**

ENGLISH AND SPANISH

**Target Population**

The training is most beneficial for those who are responsible for establishing, managing, or operating an aviation training organization, including current and future training:

• directors;
• managers;
• heads of departments; and
• operations managers.

**Course Aim**

The ICAO TRAINAIR PLUS Training Managers Course (TMC) addresses the operational aspects of managing an aviation training organization that meets the required standards of operation, training delivery, and quality management. It will enable the participants to apply the ICAO training organization assessment guidelines, in order to prepare their training organization to meet and maintain operational and quality standards for ICAO recognition.

**Course Objectives**

Upon completion of the course, participants will be able to manage their operational teams to:

• identify requirements for the establishment of an aviation training organization;
• evaluate the level of compliance of a training centre with ICAO provisions; and
• develop an action plan to ensure compliance of a training organization with relevant international requirements.

# VALIDATING COMPETENCY-BASED TRAINING (VCT)

**Duration**

**4** DAYS

Fee per participant:
Hosted by ICAO: US$1 500

**Language**

ENGLISH AND SPANISH

**Target Population**

- **The primary target audience:** Senior course developers in all training centres.
- **The secondary target audience:** Personnel in civil aviation authority of States, responsible for managing and approving competency-based training.

**Course Aim**

This course will provide training centres with internal validation capabilities for the development and evaluation of competency-based training.

**Course Objectives**

Upon successful completion of this course, participants will:

- validate the competency-based training methodology;
- validate the three stage reports of a competency-based training course; and
- evaluate the quality of the course materials.

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ITP/TCD/PTE/008E
**CLASSROOM**

# POST-TRAINING EVALUATION (PTE) COURSE

**Duration**

**5** DAYS

Fee per participant:
To be determined by host

**Language**

**ENGLISH AND SPANISH**

**Target Population**

The training is most beneficial for:

• TRAINAIR PLUS course developers and training professionals who implement a competency-based methodology in course development;
• instructors; and
• training managers, supervisors and professionals who are in charge of operations of training centres.

**Course Aim**

This course will provide Civil Aviation Training Centre (CAT) personnel with the necessary knowledge, skills and attitude to implement the TRAINAIR PLUS Level 3 Post-Training Evaluation (L3 PTE) processes, measure the impact of delivered training on work performance, and enhance the quality of developed courses and implemented training processes.

**Course Objectives**

Upon successful completion of this course, participants will:

• explain the theoretical framework that supports the TRAINAIR PLUS L3 PTE methodology;
• apply the L3 PTE standard procedures; and
• design the L3 PTE scale to a course's specific requirements.

# ON-THE-JOB TRAINING INSTRUCTOR

213/041/INS OJT
**CLASSROOM**

| | |
|---|---|
| **Duration** | **5** DAYS |

Fee per participant:
To be determined by host

**Language**

ENGLISH

**Developed By**

Gulf Centre for Aviation Studies (GCAS), United Arab Emirates

**Target Population**

The training is most beneficial for:

• line managers
• supervisors
• ab initio and current on-the job trainers

**Course Aim**

This course will provide participants with the necessary knowledge, skills and attitude required to effectively conduct on-the-job training (OJT) programs in accordance with international best practices.

**Course Objectives**

Upon successful completion of this course, participants will:

• identify individual training needs;
• plan OJT sessions;
• conduct OJT sessions;
• assess trainee's performance;
• write a training report; and
• evaluate an OJT program.



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**PTP**

ONLINE
& CLASSROOM

# GLOBAL ACI–ICAO AIRPORT MANAGEMENT PROFESSIONAL ACCREDITATION PROGRAMME (AMPAP)

| | |
|---|---|
| Duration | **6** COURSES over three years |

Fee per participant:
US$15 290

**Language**

ENGLISH

**Target Population**

International Airport Professional (IAP) candidates must successfully complete four mandatory courses and two electives within a three-year timeframe.

The four mandatory AMPAP courses focus on targeted expertise:

• Air Transport System (classroom);
• Airport Operations, Safety and Security (online);
• Airport Planning, Development and Environmental Management (online); and
• Airport Commercial and Financial Management (online).

AMPAP-approved Elective Courses:

IAP candidates must complete any two courses from the list of AMPAP-approved elective courses that are delivered and scheduled through ACI Global Training or ICAO.

Individuals who occupy a management position within a civil airport organization are eligible to apply to undertake the AMPAP. Each application is duly reviewed by the Admissions Review Committee to determine eligibility. AMPAP courses may be open periodically to other clientele, subject to space availability. Priority will always be given to IAP candidates.

**Course Aim**

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

**Course Objectives**

The primary objectives of AMPAP are to:

• increase the professional knowledge and capability of airport management personnel worldwide in order to improve the performance of airports in their core missions (safety, security, efficiency, quality, social/environmental responsibility, etc.);
• encourage the adherence to uniform standards and awareness of best practices at airports worldwide;
• promote the recognition of professional excellence in airport management; and
• expand communication among airport executives globally to optimize knowledge-sharing among airports worldwide.

**ONLINE & CLASSROOM**

# MANAGEMENT CERTIFICATE IN CIVIL AVIATION

Duration

**6** WEEKS PER CERTIFICATE (3 CERTIFICATES)

Fee per participant:
US$3 000
per certificate

Language

**ENGLISH**

Mode of Delivery

Courses will be delivered using a blended format combining classroom sessions and e-learning.

Developed By

Concordia University's John Molson School of Business in partnership with the International Civil Aviation Organization (ICAO).

Target Population

This Programme is most beneficial for aviation professionals and managers from Civil Aviation Authorities (CAAs), airlines, aerodrome operators, and other service providers.

Programme Aim

This aviation-centric management programme is to enhance the competencies of qualified personnel in the civil aviation community while promoting best practices with ICAO's TRAINAIR PLUS Programme and global aviation training activities.

The programme will be taught at a level equivalent to that of a graduate business programme and will consist of three certificates: Strategic Management, Human Resources Management; and Business Planning and Decision-Making. Upon successful completion of these three certificates, participants will graduate with an Executive Certificate in Civil Aviation Management.

Programme Objectives

Upon successful completion of this Programme, participants will be able to:

• acquire fundamental management and business principles;
• develop strategic thinking and decision making abilities;
• explore the core practices of Human Resources Management and leadership; and
• learn the best practices of business planning and operations.

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