



ICAO

TRAINAIR PLUS™

TRAINAIR PLUS STPs CATALOGUE



THIRD EDITION – SEPTEMBER 2014

WWW.ICOA.INT/TRAINAIRPLUS



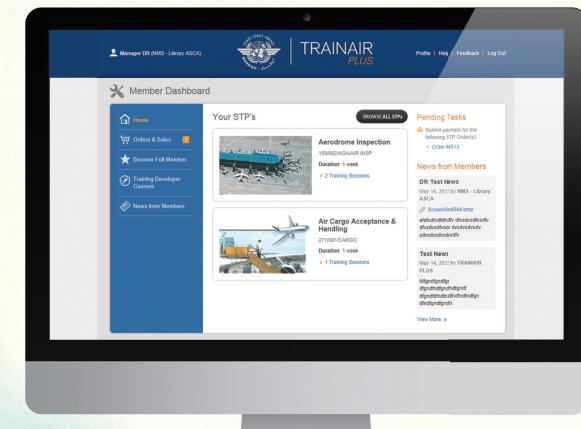
ICAO

TRAINAIR PLUS™

Standardized Training Packages (STPs) Catalogue

3rd Edition, September 2014

ICAO is pleased to share with you the third edition of the TRAINAIR PLUS Standardized Training Packages (STPs) catalogue. This third edition lists all STPs that have been validated and approved by the TRAINAIR PLUS Programme as of 5 September 2014.





These STPs are contained in the STP Library which can be accessed via the TRAINAIR PLUS Electronic Management System (TPeMS) by Members of the Programme only. The Library brings dozens of fully documented and tested comprehensive packages of training material together on one centralized platform.

To view an updated list of validated STPs and those that are under development, please visit the TRAINAIR PLUS Programme's public website at:

www.icao.int/trainairplus.

Air Cargo Acceptance and Handling

271/001/CARGO



The logo for GCAS TRAINAIR PLUS is displayed at the top left. Below it is a photograph showing a cargo aircraft being loaded or unloaded from a truck via a mobile loading bridge.

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

Developed by:

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

Target Population:

Newly recruited cargo agents and current cargo agents with no previous formal training.

Course Aim:

This course will provide air cargo agents with 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) & Live Animals Regulations.

Course Objectives:

After having successfully completed this course, the trainees will be able to:

- Accept cargo;
- Perform cargo build-up;
- Perform cargo breakdown;
- Complete cargo documents;
- Perform cargo delivery.

Aerodrome Inspection

159/002/AGA/AIR INSP



The logo for Incheon Airport Aviation Academy (IAAA) is displayed at the top left. Below it is a photograph showing several aircraft parked at gates at an airport terminal.

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

Developed by:

Incheon Airport Aviation Academy (IAAA),
Republic of Korea

Target Population:

Entry level aerodrome inspectors and aerodrome agents to become aerodrome inspectors.

Course Aim:

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

Course Objectives:

After having successfully completed this course, the trainees will be able to:

- Employ standard communication phraseology for aerodrome inspection;
- Conduct an aerodrome surface inspection and navigational aids (NAVAIDs);
- Verify airside access & movement and conduct an inspection for the application of safety measures in the airside;
- Verify the application of Notice to Airmen (NOTAMs) and the Safety Management System (SMS);
- Inspect the presence of wildlife and Aerodrome Rescue and Fire Fighting Services (ARFFS).

For more information on the content of the course, please contact:

Studden, David

dstudden@gcas.ae

For more information on the content of the course, please contact:

James Yi (Yong Ki Yi)

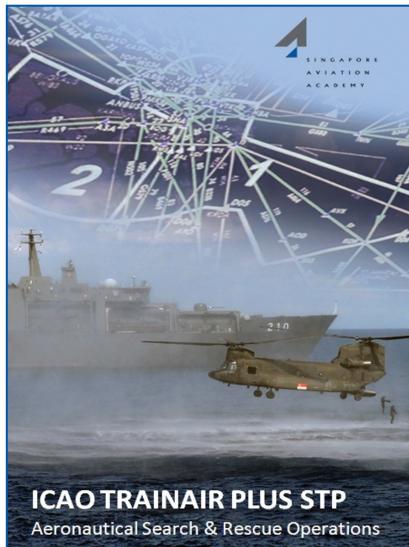
proy2k@naver.com

Aeronautical Search and Rescue Operations

057/003/SAR OPS

3
Weeks

E
English



Developed by:

Singapore Aviation Academy (SAA), Singapore

Target Population:

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 needs and obligation they accepted under the convention of ICAO. This will be achieved by providing Search Mission Coordinators (SMCs) with the required

knowledge, skills and attitudes to carry out SMC function effectively and efficiency in accordance with ICAO Standard and Recommended Practices (SARPs). The proficiency of graduates will be maintained through both paper as well as periodic drill exercises.

Course Objectives:

After having successfully completed this course, the trainees will be able to:

- Determine aircraft emergency phase;
- Develop SAR action plan;
- Allocate resources to search area;
- Follow up SAR operations progress;
- Evaluate SAR operations outcome operations.

Curso Especialista en Cartografía Aeronáutica

022/004/AIS MAP BAS

2
Weeks

S
Spanish



Developed by:

Academia Superior de Ciencias Aeronáutica (ASCA), República Dominicana

Target Population:

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 en la capacidad de interpretar y utilizar en forma ágil y eficiente las Cartas Aeronáuticas empleadas en la Aviación Civil Internacional de conformidad con el Anexo 4 de la OACI.

For more information on the content of the course, please contact:

Wong, Jason

Jason_wong@caas.gov.sg

For more information on the content of the course, please contact:

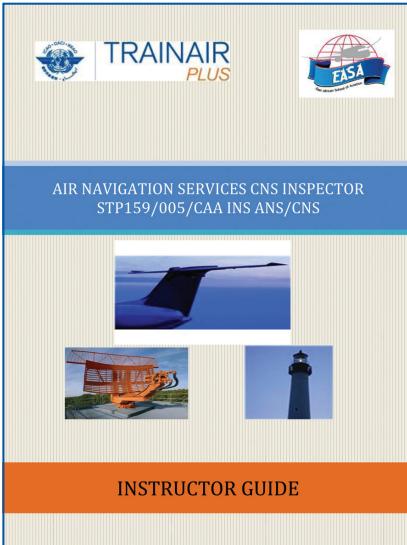
Jordi Viera, Armando

jordi2260@hotmail.com

Air Navigation Services CNS Inspector

159/005/CAA INS ANS/CNS

1
Week
E
English



TRINAIR PLUS
AIR NAVIGATION SERVICES CNS INSPECTOR
STP159/005/CAA INS ANS/CNS

INSTRUCTOR GUIDE

Developed by:

East African School of Aviation (EASA), Kenya

Target Population:

ATSEP officers with at least 3 CNS equipment Training.

Course Aim:

To provide ANS-CNS Inspectors with knowledge, skills, and attitudes necessary to carry out audit / inspection on CNS systems for effective and efficient air safety oversight duties.

Course Objectives:

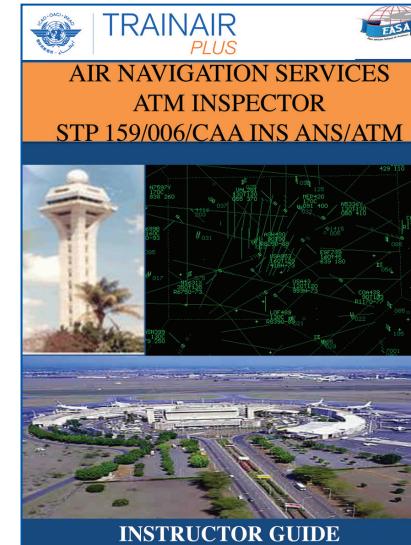
After having successfully completed this course, the trainees will be able to:

- Carry out audit / inspection of CNS systems;
- Write audit / inspection report;
- Enforce CNS regulations and standards;
- Carry out ATSEPs certification;
- Manage documents.

Air Navigation Services ATM Inspector

159/006/CAA INS ANS/ATM

1
Week
E
English



TRINAIR PLUS
AIR NAVIGATION SERVICES
ATM INSPECTOR
STP 159/006/CAA INS ANS/ATM

INSTRUCTOR GUIDE

Developed by:

East African School of Aviation (EASA), Kenya

Target Population:

Air traffic controllers with 3 ratings to be assigned audit/inspection duties.

Course Aim:

To provide air traffic management auditor / inspectors with knowledge, skills and attitudes necessary to carry out audit / inspection for effective and efficient air safety oversight duties.

Course Objectives:

After having successfully completed this course, the trainees will be able to:

- Conduct ANS/ATM audit / inspection;
- Write audit / inspection report;
- Enforce ATM standards and procedures;
- Evaluate and certify candidates for licensing as air traffic controllers;
- Manage documents.

For more information on the content of the course, please contact:

 Mak'omondi, Lucas

 lmakomondi@easa.ac.ke

For more information on the content of the course, please contact:

 Mak'omondi, Lucas

 lmakomondi@easa.ac.ke

Spécialiste en Maintenance des Stations VSAT Aéronautiques

163/007/ COM MTC VSAT

4
Weeks

F
French



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 attitudes 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:

A la fin de ce cours, l'apprenant sera capable 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;
- Assurer l'augmentation de capacité d'une station VSAT aéronautique.

Manejo de Combustibles de Aviación

127/008/MGT AGA TEC/COMB

1
Week

S
Spanish



Developed by:

Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares (CIIASA), México

Target Population:

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;
- Ejecutar las funciones relacionadas con el procedimiento de suministro de combustibles de aviación aplicando las medidas de seguridad requeridas.

For more information on the content of the course, please contact:

Belinga Onana, Jacques

belingaonanajac@asecna.org

For more information on the content of the course, please contact:

Becerril Vega, Aline

abecerrilv@asa.gob.mx

Online Instructional Techniques

211/009/INS TECH IN

e
eLearning
1
Week
E
English

ONLINE INSTRUCTIONAL TECHNIQUES



211/009/INSTECH IN

Developed by:

JAA TO (Joint Aviation Authorities Training Organisation), Netherlands, & ICAO

Target Population:

Pre-service and in-service trainers with little or no formal training background.

Course Aim:

To provide participants with basic instructional skills, knowledge and techniques, as well as contemporary methods, which will enable them to prepare and to deliver training courses in an efficient and effective way.

Course Objectives:

After having successfully completed this course, the trainees will be able to:

- Prepare the training environment and ensure adequate facilities and equipment;
- Effectively manage and assess the trainees;
- Determine appropriate methods of – and approaches to – instruction;
- Write a course delivery report.

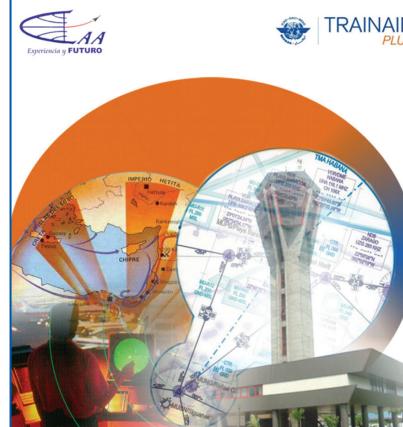
ICAO TRAINAIR PLUS Training Instructors Programme consists of Part 1 “Online Instructional Techniques” and Part 2 “Training Instructors Course”. Part 1 is mandatory to complete before attending part 2.

Información y Cartografía Aeronáutica

029/010/AIS ADV

2
Weeks
S
Spanish

Centro de Adiestramiento de la Aviación



Información y Cartografía Aeronáutica

CMDN: 029/010/AIS ADV

Developed by:

Centro de Adiestramiento de la Aviación (CAA), Cuba

Target Population:

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 los conocimientos, competencias y aptitudes que se necesitan para que los procedimientos y 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 terminado este curso con éxito, los alumnos serán capaces de interpretar la información y cartas aeronáuticas de acuerdo a 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 Integrada AIS, cumpliendo con 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;
- Interpretar correctamente la Información Cartográfica.

For more information on the content of the course, please contact:

Vieira de Almeida, Paula

palmeida@jaat.eu

For more information on the content of the course, please contact:

Brito Pérez, Gustavo

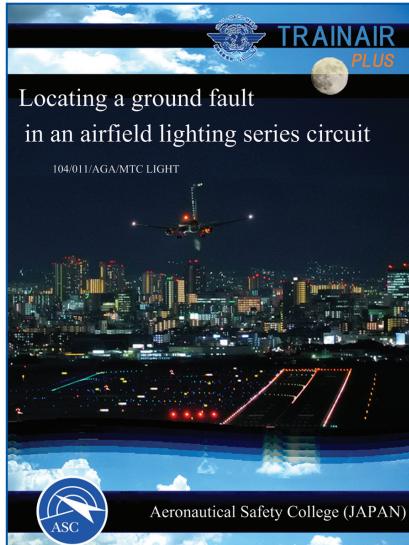
gustavo.brito@caac.cacsavianet.eu

Locating a Ground Fault in an Airfield Lighting Series Circuit

104/011/AGA MTC LIGHT

1
Week

E
English



Milliammeter for locating ground faults within an hour.

Course Objectives:

After having successfully completed this course, the trainees 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.

Mantenimiento Electromecánico y de Ayudas Visuales en la Certificación de Aeródromos

104/012/AGA MTC ELC

1
Week

S
Spanish



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 de las ayudas visuales del aeródromo;
- Verificar el funcionamiento de los equipos y ayudas visuales;
- Aplicar los procesos y procedimientos para el mantenimiento de equipos.

For more information on the content of the course, please contact:

Tanaka, Nozomi

n-tanaka@kouho-dai.ac.jp

For more information on the content of the course, please contact:

Becerril Vega, Aline

abecerrilv@asa.gob.mx

Operaciones y Servicios Aeroportuarios y Complementarios en la Certificación de Aeródromos

127/013/MGT AGA TEC/OPS



Developed by:

Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares (CIIASA), México

Target Population:

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 mediante el cumplimiento de los procedimientos basados en la normatividad nacional e internacional que aplica a los servicios aeroportuarios y complementarios.

Course Objectives:

Al completar satisfactoriamente el curso los participantes serán capaces 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;
- Aplicar los procedimientos para la identificación de fauna en el aeropuerto.

Managing Safely at Airports

209/014/SMS OTH/HSE



Developed by:

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

Target Population:

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:

After having successfully completed this course, the trainees will be able to:

- Manage hazards;
- Manage risks;
- Investigate incidents and accidents;
- Measure health and safety performance.

For more information on the content of the course, please contact:

Becerril Vega, Aline

abecerrilv@asa.gob.mx

For more information on the content of the course, please contact:

Studden, David

dstudden@gcas.ae

Delivering Great Customer Service

126/015/MGT AGA/SVC

1 Week
E English



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

Developed by:

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

Target Population:

Supervisors and operations duty managers within customer facing sections of 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.

Course Objectives:

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

After having successfully completed this course, the trainees will be able to:

- Lead the Customer Service teams on shift;
- Handle Customer Complaints;
- Coach Individuals;
- Develop a positive team culture.

Inicial ATC Aeródromo

051/016/ATC TWR

9 Weeks
S Spanish



Conjunto de Material Didáctico Normalizado

Inicial ATC Aeródromo
051/016/ATC TWR



Developed by:

Instituto Centroamericano de Capacitación Aeronáutica (ICCAE), Central América

Target Population:

Personal que inicia su formación en tránsito aéreo o que carece de formación.

Course Aim:

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

Course Objectives:

Que al finalizar el curso, el participante sea capaz de lograr las siguientes competencias, en los niveles de cumplimiento 2 y 3 (entendimiento y aplicación respectivamente), con un grado de complejidad mínima de 6 aeronaves en maqueta de aeródromo, aplicando las normas, métodos y procedimientos recomendados por OACI en sus anexos y documentos:

- Dirigir el movimiento de aeronaves, vehículos y personas en el área de maniobras;
- Dar autorización de despegues y aterrizajes;
- Proporcionar información meteorológica, de NOTAMs y otra información esencial de los vuelos bajo su jurisdicción.

For more information on the content of the course, please contact:

 Studden, David

 dstudden@gcas.ae

For more information on the content of the course, please contact:

 Fernandez, Jorge

 jorge.fernandez@coesna.org

Air Navigation Aids Technicians ATC Procedures Basic Indoctrination

169/017/COM MTC ATC

1 Week
E English



enhance their maintenance responsibilities by the use of critical coordination in a safe and efficient manner.

Course Objectives:

After having successfully completed this course, the trainees will be able to:

- Use correct ATC phraseology;
- Receive un-serviceability report;
- Coordinate scheduled maintenance actions;
- Verify the nature of the fault;
- Report on faulty equipment;
- Report on scheduled maintenance;
- Test equipment;
- Confirm equipment serviceability.

Airport Green House Gas (GHG) Management

109/018/AGA/GHG MGT

1 Week
E English



management procedures are implemented appropriately in order to achieve the goal for credible and efficient airport GHG management.

Course Objectives:

After having successfully completed this course, the trainees 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;
- Develop an action plan for an airport GHG reduction;
- Develop a plan for airport GHG reduction.

For more information on the content of the course, please contact:

McLaren, Coral

coral.mclaren@jcaa.gov.jm

For more information on the content of the course, please contact:

James Yi (Yong Ki Yi)

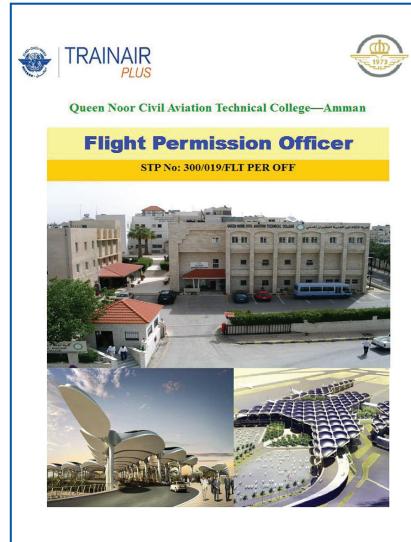
proy2k@naver.com

Flight Permission Officer (FPO)

300/019/FLT PER OFF

1
Week

E
English



Developed by:

Queen Noor Civil Aviation Technical College (QNCATC), Jordan

Target Population:

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 attitudes required to handle flight permission requests / notifications efficiently and effectively in

accordance with applicable national and internationally prescribed standards and recommended practices.

Course Objectives:

After having successfully completed this course, the trainees will be able to:

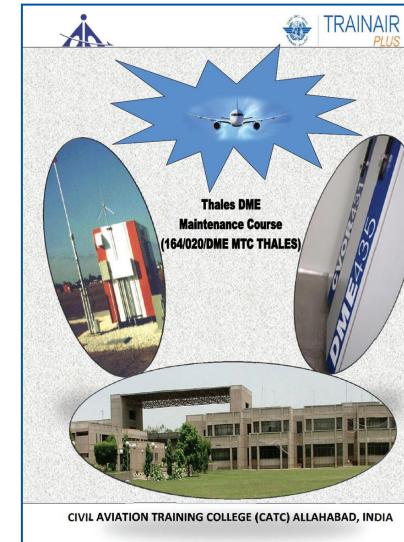
- Manage scheduled flight permission request;
- Handle commercial non-scheduled flight permission request;
- Follow up diplomatic flight permission approval;
- Deal with urgent flight permission request.

THALES DME Maintenance

164/020/DME MTC THALES

4
Weeks

E
English



Developed by:

Civil Aviation Training Centre (CATC) Allahabad, India

Target Population:

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 a smooth and uninterrupted service.

Course Objectives:

After having successfully completed this course, the trainees will be able to:

- Apply the SARP as stated in Annex 10 volume I to the maintenance of DME;
- Identify the THALES DME Module and explain their operation;
- Monitor the operational characteristics of THALES DME modules and locate the faulty module;
- Carry out preventive and corrective maintenance of THALES DME for smooth and uninterrupted operations as per prescribed maintenance schedule.

For more information on the content of the course, please contact:

Zawahreh, Musa

mzawahreh@qncatc.edu.jo

For more information on the content of the course, please contact:

Kapur, Vikram

cducatc@aaai.aero

Travel Documents

271/021/ACS GND/CUS SUP

3
Days

E
English



Developed by:

Turkish Aviation Academy (TAA), Turkey

Target Population:

Passenger service agents working for an airline or its handling agencies.

Course Aim:

To enable participants with the adequate competency through the relevant knowledge and skills, in order to correctly identify the difference between genuine and fraudulent travel documents,

apply profiling techniques, and discern between impostors and legitimate passengers.

Course Objectives:

After having successfully completed this course, participants will be able to:

- Receive and identify travel documents;
- Cross-match travel documents;
- Utilize databases to determine appropriateness of travel documents for intended travel;
- Identify security features on all types of travel documents;
- Detect forgeries and/or impostors;
- Correctly profile travel documents holders.

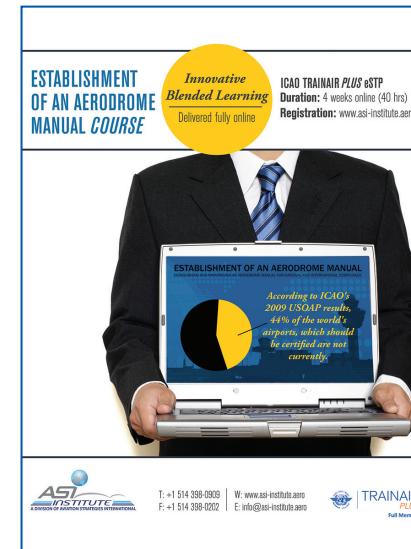
Establishment of an Aerodrome Manual

125/022/AGA MAN OPS

e
eLearning

4
Weeks

E
English



Course Objectives:

After having successfully completed 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 re-application;
- Create a process for surveillance and monitoring of the Aerodrome Manual.

For more information on the content of the course, please contact:

Sozeren, Sirma



For more information on the content of the course, please contact:

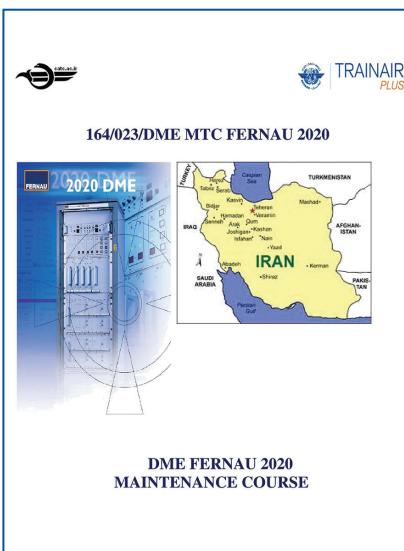
Schneider, Kristina

kschneider@aviationstrategies.aero

DME Fernau 2020 Maintenance

164/023/DME MTC FERNAU2020

3
Weeks **E**
English



Developed by:

Civil Aviation Technology College (CATC), Iran

Target Population:

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 Feranu 2020 to the standards established by manufacturer.

Course Objectives:

After having successfully completed this course, the trainees will be able to:

- Perform daily checks;
- Perform monthly checks;
- Perform annual checks;
- Perform ground adjustment before/during/after flight;
- Diagnose fault(s);
- Rectify fault(s).

Aircraft Marshalling

300/024/AMARS

1
Week **E**
English



Developed by:

Sudan Academy For Aviation Sciences and Technology (SUDAFAST), Sudan

Target Population:

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:

After having successfully completed this course, the trainees 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;
- Brief an escortee.

For more information on the content of the course, please contact:

Faraji, Ismael

ifaraji@hotmail.com

For more information on the content of the course, please contact:

Nour, Abdalla

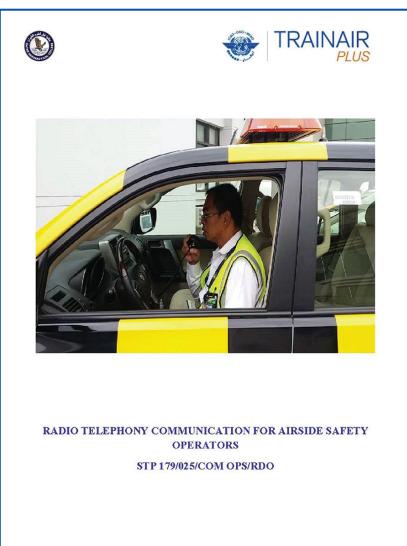
abdallanoor@yahoo.com

Radio Telephony Communication for Airside Safety Operators

179/025/COM OPS/RDO

1
Week

E
English



Developed by:

Qatar Aeronautical College (QAC), Qatar

Target Population:

Airside safety officers and vehicle operators

Course Aim:

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

Course Objectives:

After having successfully completed this course, participants will be able to:

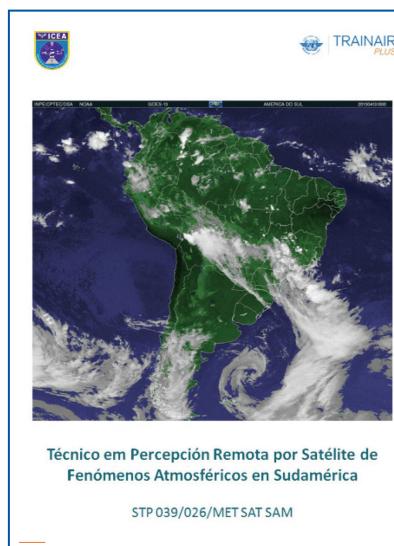
- Identify Airside Markings and Signage;
- Apply Radio Telephony techniques using ICAO standard phraseology.

Técnico en Percepción Remota por Satélite de Fenómenos Atmosféricos en Sudamérica

039/026/MET SAT SAM

2
Weeks

S
Spanish



Developed by:

Instituto de Controle do Espaço Aéreo (ICEA), Brazil

Target Population:

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 haber completado con éxito el curso, los participantes serán capaces de:

- Identificar los tipos de imágenes satelitales;
- Interpretar las imágenes satelitales;
- Identificar Fenómenos Meteorológicos Significativos.

For more information on the content of the course, please contact:

Litala, Tabitha

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For more information on the content of the course, please contact:

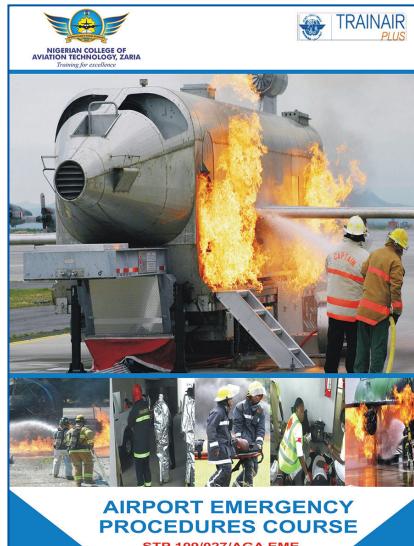
Cleômenes da Rocha, Adilson

cleomenes@icea.gov.br

Airport Emergency Procedures

109/027/AGA EME

1 Week
E English



Developed by:

Nigerian College of Aviation Technology (NCAT), Nigeria

Target Population:

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

Course Aim:

This course is intended for participants to be able to direct and manage an emergency case

at an airport, prepare emergency exercise and drills at an airport and in the laboratory where available, establish an emergency operation centre and mobile command post, assign responsibilities to organizations for carrying out specific actions at projected time in response to an emergency occurrence at the airport.

Course Objectives:

After having successfully completed this course, the trainees 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 in the shortest period;
- Practice evaluating each emergency case positively and negatively.

鸟击防范员培训

127/028/MGT AGA/BIR STR

1 Week
C Chinese



Developed by:

首都机场集团管理有限公司(CAHM), 中国

Target Population:

机场鸟击防范员

Course Aim:

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。

Course Objectives:

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。

For more information on the content of the course, please contact:

Yahaya, Dauda

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For more information on the content of the course, please contact:

Meng, Xiaoya

michelle0420@msn.cn

Ramp Safety Awareness

209/029/SMS RMP

3
Days

E
English



Developed by:

Air Transportation Human Resources Development Center (ATHRDC), Indonesia

Target Population:

Ramp safety Personnel

Course Aim:

This course will provide participants with sufficient knowledge, skills and attitudes required to implement and maintain the Ramp Safety in accordance with national regulations and ICAO standards.

Course Objectives:

After having successfully completed 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 Radio Telephony Techniques;
- Apply appropriate action for special handling and abnormal situations.

Mantenimiento Sistema VHF Alcance Extendido

163/046/COM MTC VHF

1
Week

S
Spanish



Developed by:

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

Target Population:

Los Técnicos en Radiocomunicaciones Aeronáuticas que se encuentran en las distintas dependencias regionales del país.

Course Aim:

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

Course Objectives:

Después de haber completado con éxito el curso, los participantes serán capaces de:

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

For more information on the content of the course, please contact:

Bahrawi, Ahmad

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For more information on the content of the course, please contact:

Rojas Torres, Magally

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Airside Driving

109/036/AGA/OPS DRI

1
Week
E
English



Airside Driving
STP 109/036/AGA/OPS DRI

Developed by:

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

Target Population:

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:

After having successfully completed 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;
- Apply standard accident/incident reporting procedures.

Advanced Test and Measuring Techniques For ATSEP

163/045/COM MTC ATSEP

2
Weeks
E
English



ADVANCED TEST & MEASURING TECHNIQUES FOR ATSEP

STP 163/045/COM MTC ATSEP

Developed by:

Civil Aviation Training Centre (CATC), Sri Lanka

Target Population:

Air Traffic Safety Electronic Personnel (ATSEP)
deployed at CNS maintenance facilities at
commercial airports and other connected
locations- and ATSEP Supervisors.

Course Aim:

To provide the participants with necessary knowl-
edge, skills and attitudes in using advanced test
and measuring equipment at CNS maintenance

facilities and in the field in an effective and professional manner.

Course Objectives:

After having successfully completed this course, the 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;
- Observe proper precautions for the safety of personnel and equipment.

For more information on the content of the course, please contact:

David Studden

dstudden@gcas.ae

For more information on the content of the course, please contact:

Athula Seneviratne

head.catc@airport.lk

Leadership in Energy and Environmental Design and Operation of Airport Infrastructures

041/047/ENV/OPS AGA

1
Week

E
English



LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN AND OPERATION OF AIRPORT INFRASTRUCTURE

STP 041/047/ENV/OPS AGA

Developed by:

GMR Aviation Academy, India

Target Population:

Officials performing airport master planning, terminal operation, as well as project and Engineering & Environment Specialists on Sustainability Development.

Course Aim:

On completion of this course, airport planning, engineering, operation and environment teams will be able to develop necessary knowledge, skills and attitudes required to effectively implement and manage Airport LEEDOAI in accordance with LEED standards and guidelines.

Course Objectives:

After having successfully completed this course, participants will be able to:

- Ensure site development and management for sustainable airport function;
- Ensure indoor environmental qualities for the comfort of the occupants;
- Increase water efficiency within buildings and its distribution systems;
- Optimize the energy performance of building to protect atmosphere and environment;
- Ensure the efficient management of materials and resources to facilitate reduction of waste generated.

Pintura aeronáutica

300/055/AFT PNT

1
Week

S
Spanish



Curso
Pintura Aeronáutica
300/055/AFT PNT

Developed by:

Corporación Educativa Indoamericana (CEI), Colombia

Target Population:

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

Course Aim:

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

Course Objectives:

Un vez completado exitosamente el curso, los alumnos estarán en capacidad de:

- 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) aplicar la pintura a las aeronaves de acuerdo a 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) verificar la calidad del recubrimiento a las aeronaves de acuerdo a las regulaciones normativas establecidas en FAA, ASTM, NACE y SSPC.

For more information on the content of the course, please contact:

Lucky Verma

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For more information on the content of the course, please contact:

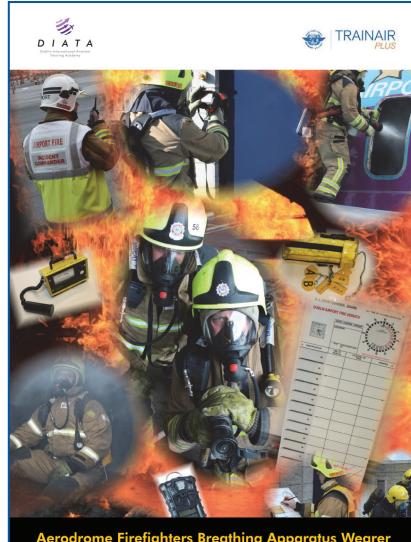
Joselyn Zárate Giraldo

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Aerodrome Firefighters Breathing Apparatus Wearer

119/054/RFF BRE APP

2 Weeks
E English



Developed by:

Dublin International Aviation Training Academy (DIATA), Ireland

Target Population:

Aerodrome Firefighters – New, Aerodrome Firefighters - Refresher, Recurrent & Revalidation Training, 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 of all aspects of Breathing Apparatus use in Aerodrome emergency response situations.

Course Objectives:

After having successfully completed 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;
- Perform actions in Confined Spaces.

Aircraft Fire Fighting and Rescue Operation

111/058/RFF BAS

3 Days
C Chinese



航空器灭火救援
Aircraft Fire Fighting and Rescue Operation
111/058/RFF BAS

Developed by:

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

Target Population:

Airport Firefighters.

Course Aim:

This course provides the airport firefighters with necessary knowledge, skills and attitudes to enable them to effectively perform aircraft fire fighting and rescue operation, according to the related standards and procedures.

Course Objectives:

After having successfully completed this course, participants will be able to:

- Prepare for aircraft fire fighting and rescue operation;
- Conduct a complete aircraft fire fighting operation;
- Conduct a complete rescue operation.

For more information on the content of the course, please contact:

Eoin Ryan

eryan@daai.ie

For more information on the content of the course, please contact:

Meng Xiaoya

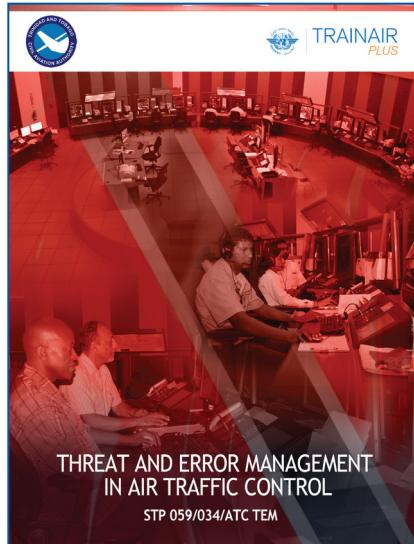
michelle0420@msn.cn

Threat and Error Management in Air Traffic Control

059/034/ATC TEM

1
Week

E
English



Developed by:

Trinidad and Tobago Civil Aviation Authority CATC,
Trinidad and Tobago

Target Population:

The primary target population to be trained is the operational Air Traffic Control staff. The secondary target population is the Manager ATS and the staff of the "Safety and Training" and "Planning and Evaluation" units.

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:

After having successfully completed this course, the trainees 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;
- Implement strategies for managing Threats and Errors in the work environment.

For more information on the content of the course, please contact:

Malcolm de. Peiza

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Training Instructors Course (TIC)

212/02/ICAO TIC

1
Week

E
English

S
Spanish



TRAINAIR PLUS

Training Instructors Course
212/02/ICAO TIC

Developed by:

International Civil Aviation Organization (ICAO)

Target Population:

Pre-service and in-service trainers with little or no formal training background or senior instructors who wish to refresh and upgrade their trainer competencies and experiences. Subject matter experts and specialists who wish to upgrade their instructional competencies are also invited to register.

Course Aim:

To develop professional knowledge, skills and attitudes required to effectively deliver competency-based training courses.

Course Objectives:

After having successfully completed this course, the trainees will be able to:

- Prepare instructional materials for STP and conventional courses;
- Execute arrangements for the course delivery;
- Conduct Instruction (face-to-face and e-learning);
- Enhance competency to develop slide-show presentations;
- Evaluate student performance;
- Complete a Course Delivery Report.

ICAO TRAINAIR PLUS Training Instructors Programme consists of Part 1 "Online Instructional Techniques" and Part 2 "Training Instructors Course". Part 1 is mandatory to complete before attending part 2.

Training Developers Course (TDC)

214/01/TDC

2
Weeks

E
English

F
French

S
Spanish



TRAINAIR PLUS

Training Developers Course
214/01/TDC

Developed by:

International Civil Aviation Organization (ICAO)

Target Population:

Experienced civil aviation training instructors and aviation professionals who are dedicated to the implementation of competency-based training programs and development of courses with international standards.

Course Aim:

The course will train civil aviation course developers to design and develop Standardized Training Packages (STPs) based on TRAINAIR PLUS competency-based training standards.

Course Objectives:

After having successfully completed this course, the trainees will be able to:

- Analyze training needs and choose strategies;
- Analyze jobs and target populations;
- Determine training objectives;
- Sequence objectives and group them into modules;
- Prepare and validate tests;
- Design training modules;
- Produce and validate training material;
- Evaluate a Standardized Training Package.

For more information on the content of the course, please contact:

 Lahlou, Mekki

 mlahlou@icao.int

For more information on the content of the course, please contact:

 Lahlou, Mekki

 mlahlou@icao.int

STPs Under Development

TRAINAIR PLUS Programme

STP Title	Center	State	Language
Air Navigation Services Inspector MET	East African School of Aviation (EASA)	Kenya	English
Aerodrome Regulations Course	Centro de Adiestramiento de la Aviación (CAA)	Cuba	Spanish
Area Control/Non Radar (Procedural)	Training Center of the Mongolia Civil Aviation Authority (TCMCAA)	Mongolia	English
THALES DVOR Maintenance	CATC Allahabad	India	English
Aircraft Emergency, Evacuation and Survival	Centro de Adiestramiento de la Aviación (CAA)	Cuba	Spanish
Elaboración, Análisis e Interpretación de NOTAMs	Academia Superior de Ciencias Aeronáuticas (ASCA)	Dominican Republic	Spanish
Gestión de la implementación de la PBN	Academia Superior de Ciencias Aeronáuticas (ASCA)	Dominican Republic	Spanish
Area Surveillance / Radar Control	Queen Noor Civil Aviation Technical College (QNCATC)	Jordan	English
Coordinación y supervisión del proceso de manejo de combustibles de aviación	Aeropuertos y Servicios Auxiliares (ASA)	Mexico	Spanish
On-the-Job Trainer Course	Gulf Centre for Aviation Studies (GCAS)	United Arab Emirates	English

For more information on the content of the course, please contact:

 trainair@icao.int

STPs Under Development (cont.)

TRAINAIR PLUS Programme

STP Title	Center	State	Language
Mitigación del riesgo por fauna en aeropuertos	Aeropuertos y Servicios Auxiliares (ASA)	Mexico	Spanish
Safety Occurrence Reporting and Analysis	Servicios y Estudios para la Navegación Aérea y la Seguridad Aeronáutica (SENASA)	Spain	Spanish/ English
Basic Training Course for Met. Observers	Civil Aviation and Meteorology Institute (CAMI)	Yemen	English
Maintenance of Instrument Landing System (ILS)	Instituto de Controle do Espaço Aéreo (ICEA)	Brazil	English
Aerodrome Flight Information Service and AMHS Terminal Operation	Instituto de Controle do Espaço Aéreo (ICEA)	Brazil	English
Radio Operator at Maritime Platform – Aeronautical Service	Instituto de Controle do Espaço Aéreo (ICEA)	Brazil	English
Communication Procedures for Airside Operations	Civil Aviation Training Centre (CATC)	Thailand	English
Air Navigation Services Inspector AIS	East African School of Aviation (EASA)	Kenya	English
PBN for ANS Personnel	Institute of Air Navigation (IAN)	Russian Federation	Russian

For more information on the content of the course, please contact:

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STPs Under Development (cont.)

TRAINAIR PLUS Programme

STP Title	Center	State	Language
Approach Surveillance Radar Refresher Course	Saudi Academy of Civil Aviation (SACA)	Saudi Arabia	English
Fundamentals of Air Transport Industry for Decision Makers	ASI Institute, a division of Aviation Strategies International	Canada	English
Lutte contre les feux mineurs d'avion	École Régionale de Sécurité Incendie (ERSI)	Cameroon	French
Gestion du Trafic Aérien sur un Aérodrome AFIS	École Régionale de la Navigation Aerienne et du Management (ERNAM)	Senegal	French
Completamiento Plan de Vuelo Formato OACI	Academia Superior de Ciencias Aeronáuticas (ASCA)	Dominican Republic	Spanish
Spécialiste en installation et maintenance du balisage lumineux d'aérodrome MCR 5000 - v2	École Africaine de la Méteorologie et de l'Aviation Civile (EAMAC)	Niger	French
Performance-based Navigation (PBN) for Air Traffic Services Officers (ATSOs)	Air Traffic & Navigation Services (ATNS)	South Africa	English
Aviation English for Aircraft Maintenance Technicians	Ethiopian Aviation Academy (EAA)	Ethiopia	English
Airport ISMS Internal Audit	Capital Airports Holdings Management Co, Ltd. (CAHM)	China	Chinese

For more information on the content of the course, please contact:

✉ trainair@icao.int

STPs Under Development (cont.)

TRAINAIR PLUS Programme

STP Title	Center	State	Language
Airport Operation Coordination	Capital Airports Holdings Management Co, Ltd. (CAHM)	China	Chinese
Internal Auditors Course	Air Traffic and Navigation Services Limited (ATNS) - Aviation Training Academy	South Africa	English
Aerodrome Controller Refresher Course	Air Transportation Human Resources Development Center (ATHRDC)	Indonesia	English
Area Control Surveillance Refresher Course	Air Transportation Human Resources Development Center (ATHRDC)	Indonesia	English
Air Transport Operations and Risk Management	The ASI Institute, A Division of Aviation Strategies International	Canada	English
Supervisión de los Servicios en Plataforma y Área de Movimiento de Abierto a Tráfico Civil	La Escuela Técnica de Aviación Civil (ETAC)	Ecuador	Spanish
Gestion d'un Espace Aérien RVSM	École Africaine de la Météorologie et de l'Aviation Civile (EAMAC)	Niger	French
Mesure des Paramètres Météorologiques en Altitude	École Africaine de la Météorologie et de l'Aviation Civile (EAMAC)	Niger	French

For more information on the content of the course, please contact:

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ICAO STPs Under Development

TRAINAIR PLUS Programme

STP Title	Center	Language
Training Managers Course (TMC)	International Civil Aviation Organization (ICAO)	English
Safety Management System/State Safety Programme (SMS/SSP)	International Civil Aviation Organization (ICAO)	English

* As of 5 September 2014, the total number of STPs under development is 38.

For more information on the content of the course, please contact:

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