2nd NAM/CAR CATC Working Group

ICAO Global Aviation Training and the TRAINAIR PLUS Programme

Tuesday 2 December 2014

Agenda

1. Scope of GAT activities
2. Pillars of the ICAO Training Policy
3. The TRAINAIR PLUS Programme
4. Training packages

Scope of ICAO Training Activities

Assembly resolution 38/12, Appendix D

Assist Member States in achieving and maintaining competency of aviation personnel through the ICAO Aviation Training Programme.

ICAO's role in training (EB 2013/54)

Support the human resources development strategies

Global Aviation Training (GAT) Office is established in 2014

Vision and Mission of GAT

GAT Vision

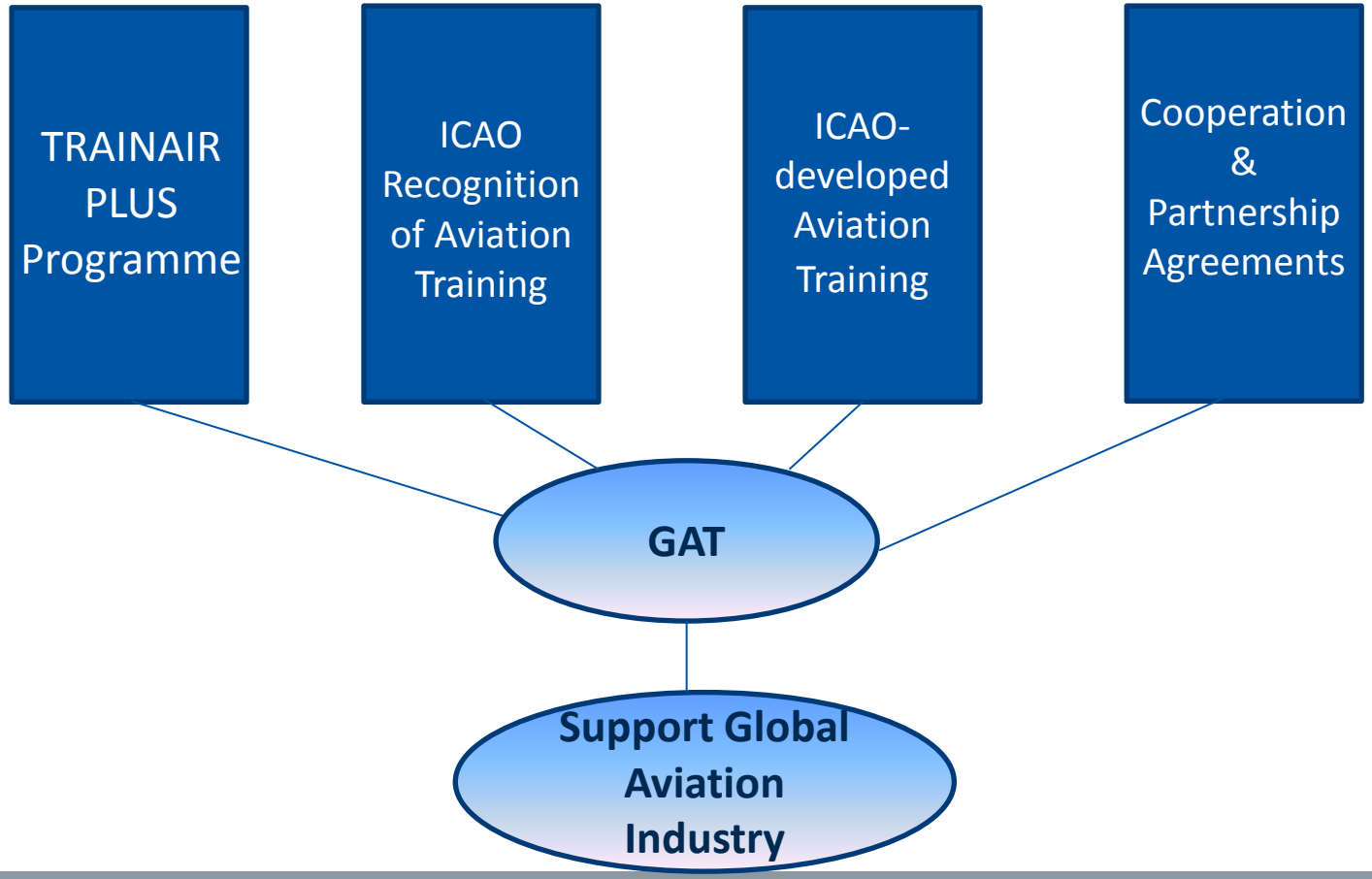
Support Human Resources Development in Aviation

GAT Mission

Establish coordinated, effective and efficient mechanisms to support the development of human resources in aviation, appealing to Member States and the industry

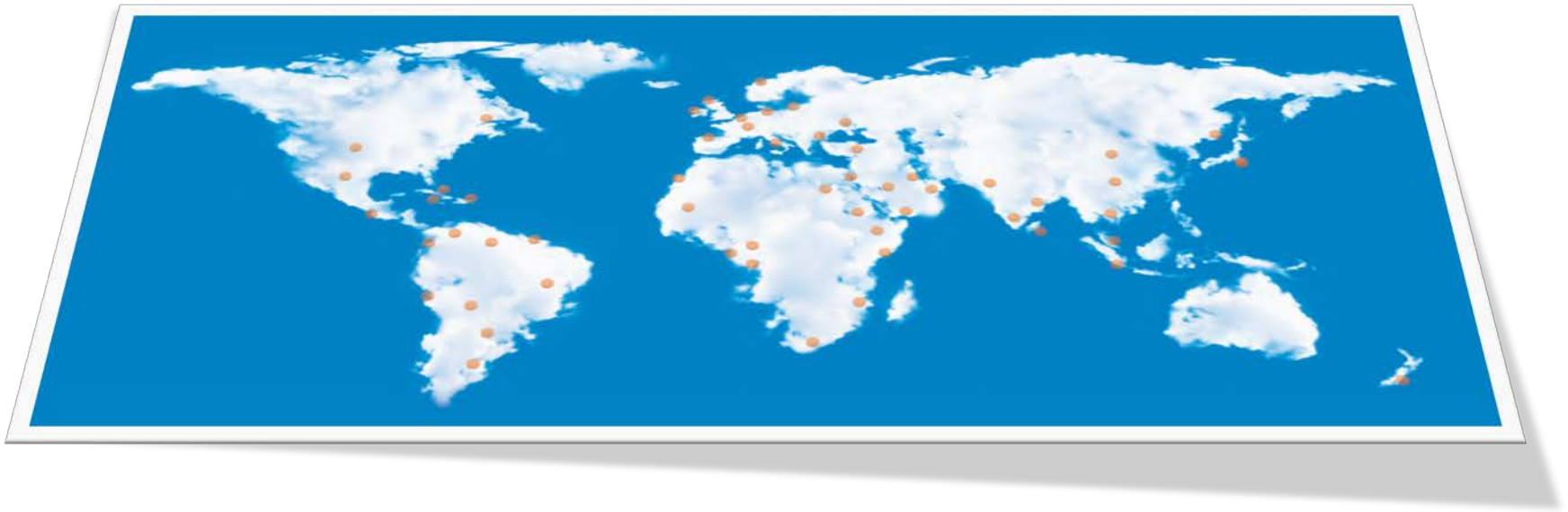
GAT Support of the Aviation Training Industry

4 pillars of ICAO aviation training policy



TRAINAIR *PLUS* Programme:

ICAO's Cooperative Aviation Training Network



What is the TRAINAIR PLUS Programme (TPP)?

TRAINAIR *PLUS*™

- ✓ Provides a **methodology** to develop high quality competency-based training courses
- ✓ Facilitates international sharing of **Standardized Training Packages (STPs)**
- ✓ Supports training center's to build their **training capacities** through technical expertise, resources and quality oversight

Membership pre-requisite

- **Legal Status**: Aviation Training Organizations that are recognized or approved by their governments, such as:
  - Civil Aviation Training Centres
  - Universities/ Academies
  - Operators
  - ANSPs
  - Aerodromes

- **Ambition:**
  - Standardize training
  - International
  - cooperative

Why join the TRAINAIR PLUS Network?

1. Obtain ICAO recognition
2. Enhance training capacities
3. Access & deliver STPs and ICAO courses (Generate revenues)
4. Expand business opportunities through a human resources global network

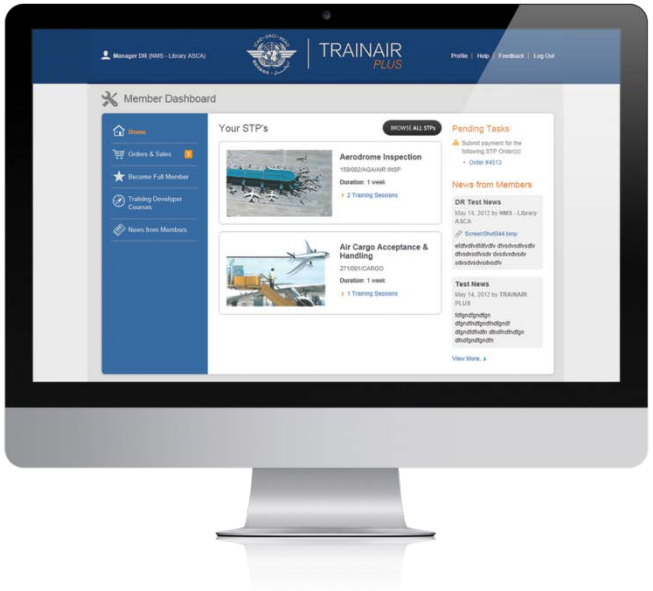
Training Capacity Building

- The TPP provides training and qualification mechanisms which aim to strengthen training development and implementation:
  - Training Developers Course (TDC)
  - Training Instructors Course (TIC)
  - Training Managers Course (TMC)
  - Qualification of course developers
  - Qualification of instructors

TRAINAIR PLUS Electronic Management System

Goal: All processes and procedures are fully documented and integrated.

- Application Process
- Development of your Standardized Training Package (STPs)
- STP Library + exchange
- Production of certificates
- Apply to host TRAINAIR PLUS Courses
- TRAINAIR PLUS Steering Committee
- Live communication features between Members



Membership process - Associate Member

Application

- Official application submitted to ICAO
- Review of application documents

Assessment

- On site Assessment
- Assessment Report

CAP

- Corrective Action Plan (CAP)
- Proof of implementation of corrective action plan

CATC Assessment

Aeronautical Safety College (ASC)

Back Hor

- CATC Application
- TRAINAIR *PLUS* Approval + Documents
- CATC Self-Assessment
- On-site Assessment
- Corrective Actions
- TRAINAIR *PLUS* Final Approval + Report

Self Assessment

SUMMARY VIEW

1. Organization

Next »

1.1	Does the training organization have the required authorization(s) to operate from the government?	Yes Paragraph 126, Article 4 of the Act for Establishment of the Ministry of Land, Infrastructure, Transport and Tourism (11) Article 191, 204 and 205 of the Order for Organization of the Ministry of Land, Infrastructure, Transport and Tourism(12) 11_Order for Organization of the MLIT (4).pdf 12_Order for Organization of the MLIT (191,204&205).pdf
1.2	Does the organizational structure and organogram reflect the current organization and responsibilities of the management?	Yes
1.3	Are there approvals for flight crew training, air traffic control training and maintenance training?	Yes Flight crew training: Nil Article 4 of Ordinance for Organization of the Aeronautical Safety College (31) Air traffic control training: Yes Air traffic control Service Maintenance: Yes CNS Engineering Service Visual aids and electrical system engineering Service 31_Ordinance for Organization of the Aeronautical Safety College.pdf
		Yes

Membership process- Full Member

CDU
- Training of your course developers on the TRAINAIR PLUS methodology
- Establishment of a Course Development Unit (CDU)

STP
- Development of a Standardized Training Package (STP) based on the TRAINAIR PLUS Training Development Guide (Doc. 9941)

Validation
- Validation of the STP by ICAO
- Upload of the STP in the STP Library

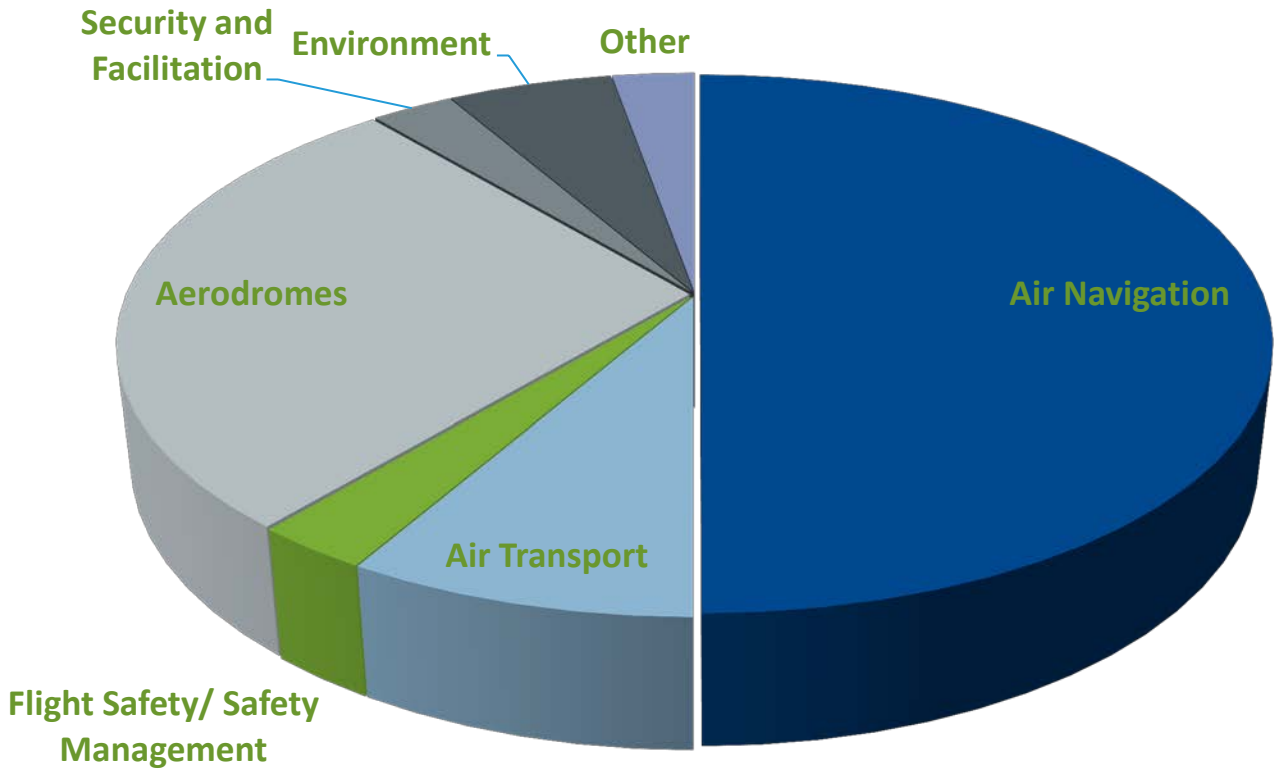
What is a Standardized Training Package?

"A course that is self contained, material dependent, and validated"

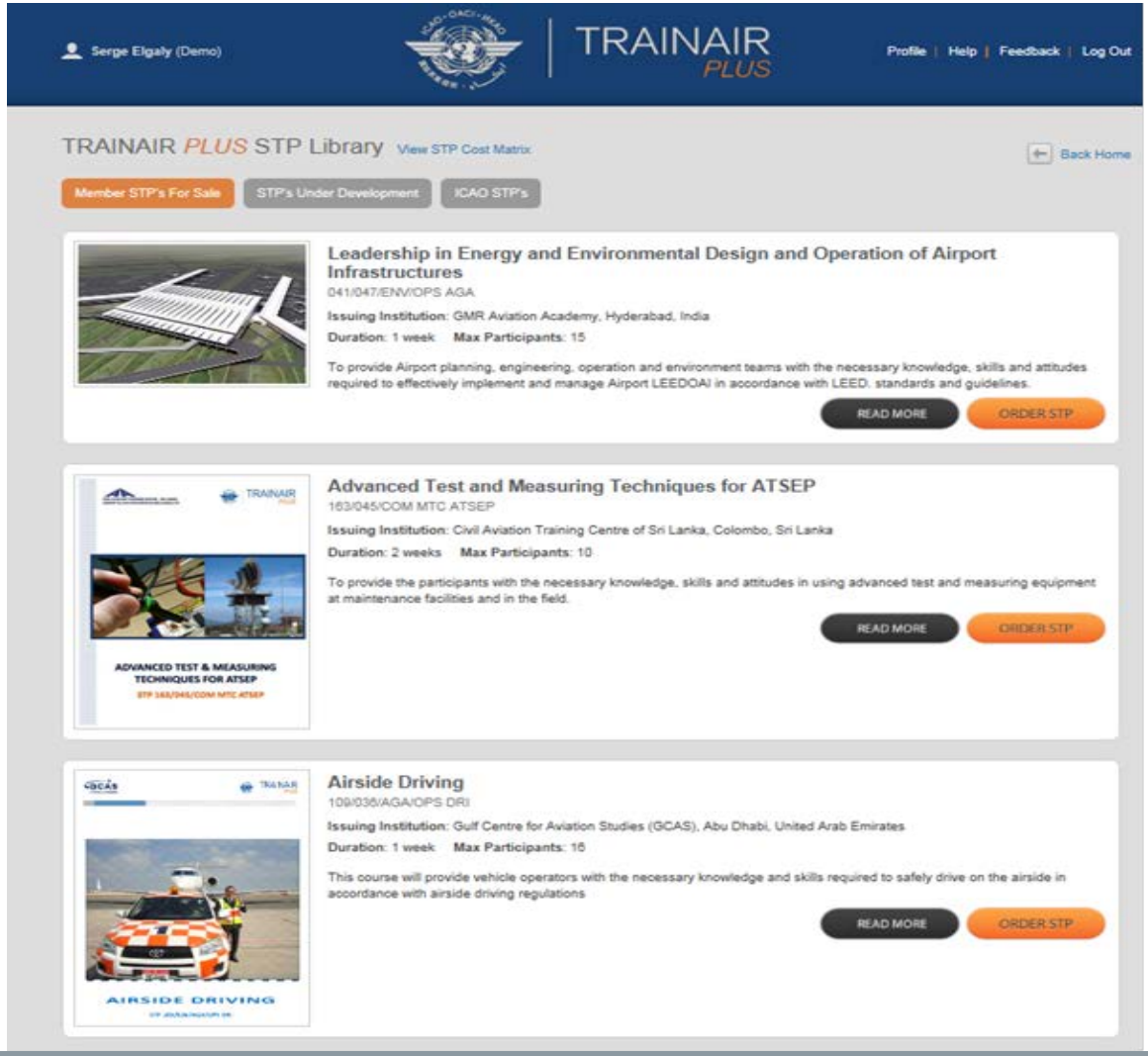
- A fully documented and tested comprehensive package of training material;
- Reflects relevant technological requirements and ICAO SARPs;
- The package includes:
  - Instructor material (such as instructor guide, module plan, exercises and tests)
  - Trainee material (course material such as handouts, and job aids)
  - Relevant documents on how the course was developed (population analysis, task analysis, training objectives etc…)

STPs available

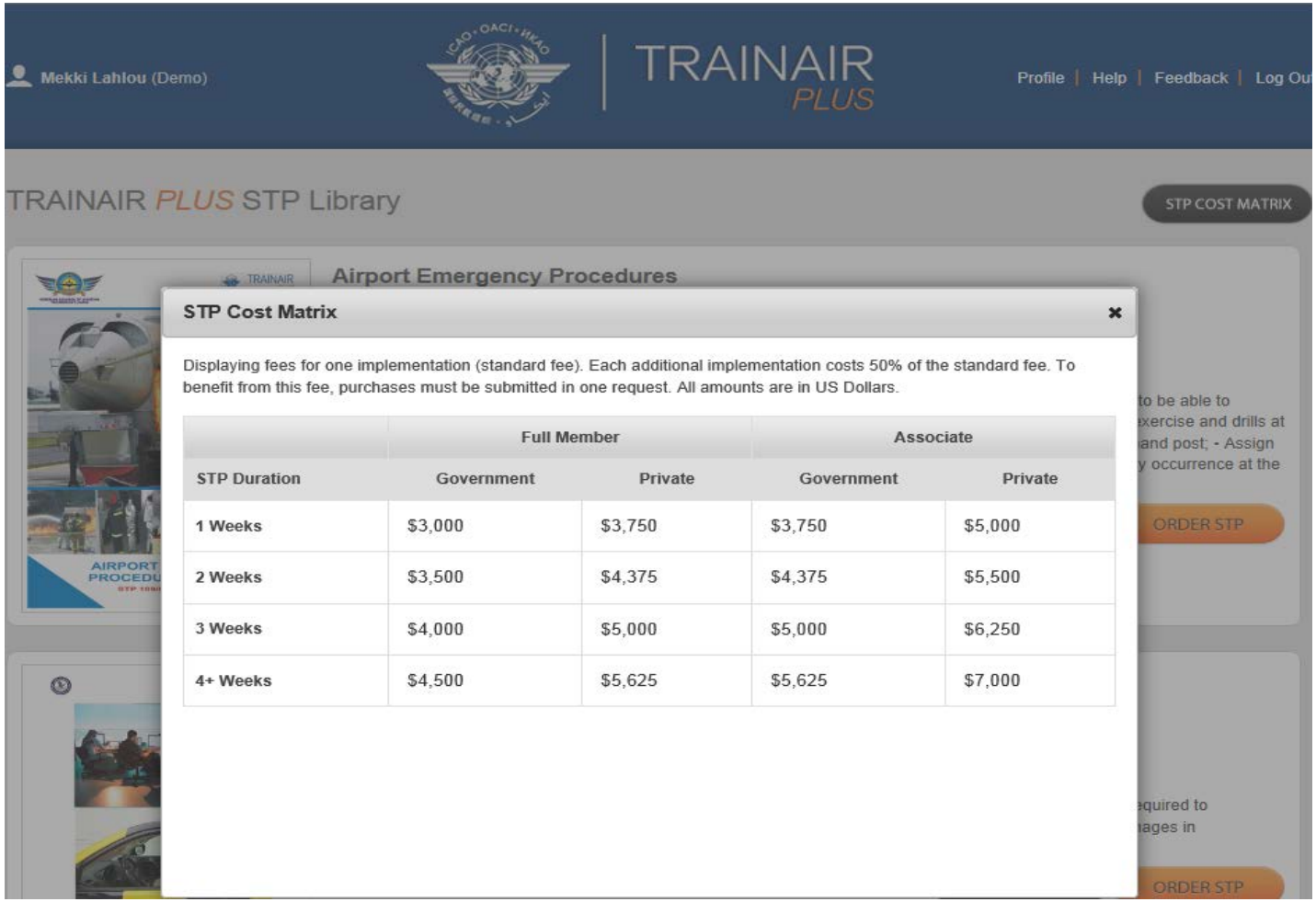
Validated: 50 +/ **Underdevelopment**: 60 +



STP Library


Serge Elgaly (Demo)
TRAINAIR PLUS
Profile | Help | Feedback | Log Out
TRAINAIR PLUS STP Library
View STP Cost Matrix
Back Home
Member STP's For Sale
STP's Under Development
ICAO STP's
Leadership in Energy and Environmental Design and Operation of Airport Infrastructures
041/047/ENV/OPS AGA
Issuing Institution: GMR Aviation Academy, Hyderabad, India
Duration: 1 week Max Participants: 15
To provide Airport planning, engineering, operation and environment teams with the necessary knowledge, skills and attitudes required to effectively implement and manage Airport LEEDOAI in accordance with LEED. standards and guidelines.
READ MORE
ORDER STP
Advanced Test and Measuring Techniques for ATSEP
163/045/COM MTC ATSEP
Issuing Institution: Civil Aviation Training Centre of Sri Lanka, Colombo, Sri Lanka
Duration: 2 weeks Max Participants: 10
To provide the participants with the necessary knowledge, skills and attitudes in using advanced test and measuring equipment at maintenance facilities and in the field.
READ MORE
ORDER STP
ADVANCED TEST & MEASURING TECHNIQUES FOR ATSEP
Airside Driving
109/036/AGA/OPS DRI
Issuing Institution: Gulf Centre for Aviation Studies (GCAS), Abu Dhabi, United Arab Emirates
Duration: 1 week Max Participants: 16
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
READ MORE
ORDER STP
AIRSIDE DRIVING

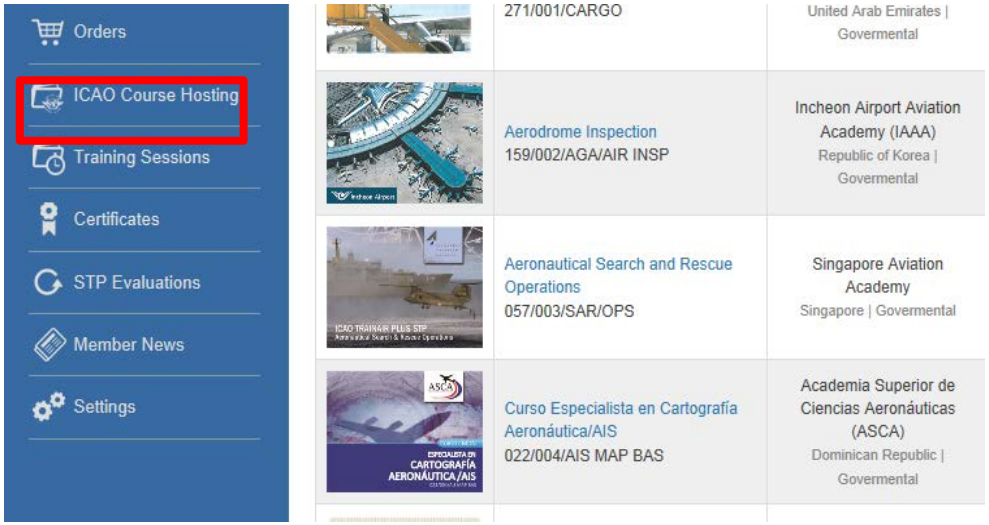
Rewarding of active training centres



	Full Member		Associate	
STP Duration	Government	Private	Government	Private
1 Weeks	$3,000	$3,750	$3,750	$5,000
2 Weeks	$3,500	$4,375	$4,375	$5,500
3 Weeks	$4,000	$5,000	$5,000	$6,250
4+ Weeks	$4,500	$5,625	$5,625	$7,000

Generating revenues through STPs?

- ✓ **Members access high-quality courses at an affordable cost**
- ✓ **Courses can be delivered by Members' instructors, reducing costs**
- ✓ **Members can market these STPs internationally**



- ✓ **TPP operates an online library**
- ✓ **Courses can be purchased online**
- ✓ **All training materials can be downloaded online**

Recent STP's Exchanged

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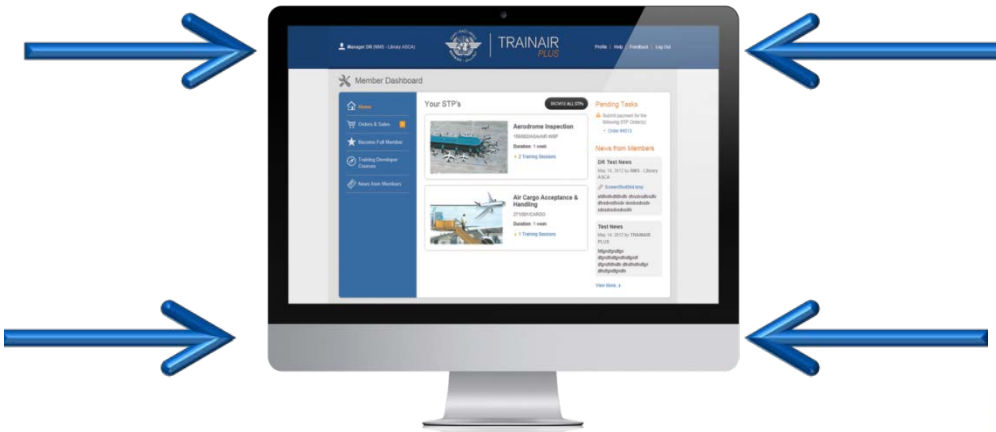
Incheon Airport



الأكاديمية السعودية للطيران المدني
Saudi Academy of Civil Aviation

Sudafast
Sudan Academy for Aviation Sciences & Technology

Regional Training Centres of Excellence (RTCE)

- Leading ICAO Full Members in each ICAO Region
- Develop and deliver courses in one or more of the following authorized areas:

1. Aerodromes (Annex 14)
2. Air Navigation Services (Annexes 2, 3, 4, 5, 10, 11, 12 and 15)
3. Air Transport
4. Environment (Annex 16)
5. Flight Safety and Safety Management (Annexes 1, 6, 7, 8, 13, 18 and 19)
6. Security and Facilitation (Annexes 9 and 17)

Corporate Membership

- Providing Members direct access to selected aviation industry stakeholders
- Sharing of best practices and course content for Members

Current Corporate Members (3)

BOMBARDIER AEROSPACE

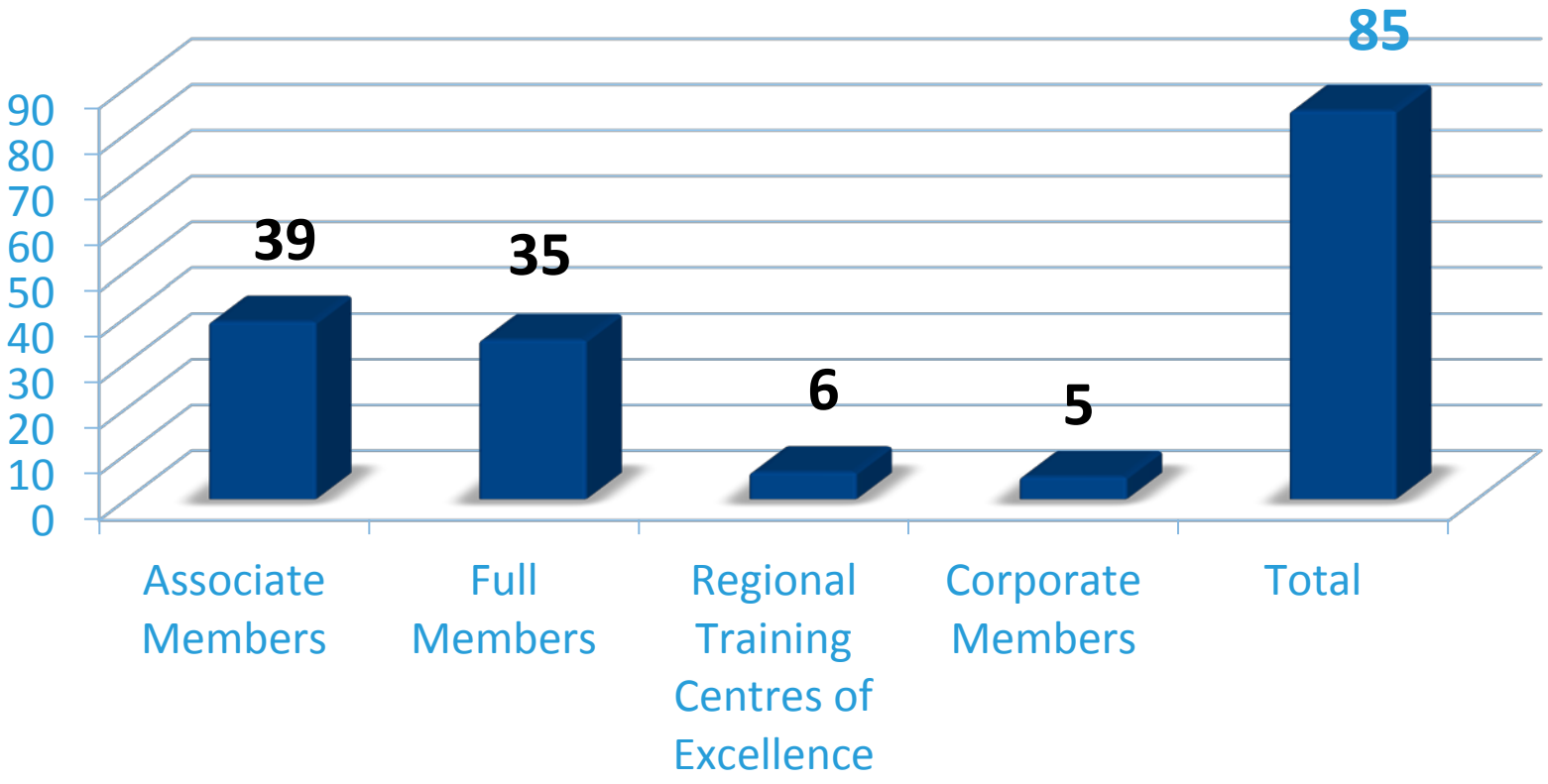
IATA

FEDERAL AVIATION ADMINISTRATION

Members of the TRAINAIR PLUS Programme

Type	Benefits
Associate Members	• ICAO recognition • Access & deliver STPs • Deliver TPP & ICAO courses
Full Members	• All above • Develop STPs and generate revenues from STP sales
Regional Training Centres of Excellence	• All above • Develop and deliver ICAO courses
Corporate Members	• Network and business opportunities w/ Members

TRAINAIR PLUS Members in 2014



ICAO
ICAO HARMONIZED COURSES:
Powering Global Aviation Training
PTP
CTP
GAT TRAINAIR PLUS
STP
ITP
www.icao.int/training

ICAO Training Packages

Type	Developed by
ICAO Training Packages (ITPs)	• ICAO or by ICAO/RTCEs
Standardized Training Packages (STPs)	• TRAINAIR PLUS Members
Compliant Training Packages (CTPs)	• TRAINAIR PLUS Members
Partnership Training Packages (PTPs)	• ICAO and Partner(s)

Membership/Courses Matrix

COURSES	MEMBERSHIP	ASSOCIATE Member	FULL Member	Regional Training Centre of Excellence	CORPORATE Member	AFFILIATE Member
ITP ICAO Training Package	Development	X	X	✓	X	X
	Delivery	✓	✓	✓	X	X
	Hosting	✓	✓	✓	✓	✓
STP Standardized Training Package	Development	X	✓	✓	X	X
	Delivery	✓	✓	✓	X	X
	Hosting	✓	✓	✓	✓	✓
CTP Compliant Training Package	Development	✓	✓	✓	✓	X
	Delivery	✓	✓	✓	✓	X
	Hosting	✓	✓	✓	✓	✓
PTP Partnership Training Package	Development	X	X	✓	✓	X
	Delivery	X	X	✓	✓	X
	Hosting	✓	✓	✓	✓	✓

ICAO-developed courses

- 30+ courses available
- Delivered by ICAO instructors
- Online courses available
- Cost-recovery principle
- ICAO logo on certificates

Range of courses

ICAO Training Instructors Course

The International Civil Aviation Organization (ICAO) and the Joint Aviation Authorities Training Organization (JAA TO) are pleased to inform the aviation community of the launch of the ICAO TRAINAIR PLUS Training Instructors Course. This two-part course will enable participants to methodically conduct training courses in accordance with ICAO's instructor competencies and develop the required training strategies for course deliveries.

Universal Safety Oversight Audit Programme (USOAP)

The ICAO USOAP was launched in January 1999 with the objective of promoting global aviation safety through the auditing of ICAO Member States. It specifically determines the status of States' establishment of safety oversight measures and resources, as well as relevant ICAO Standards and Recommended Practices (SARPs), associated procedures, guidance material and safety-related practices.

The USOAP was expanded in 2005 to cover provisions contained in all safety-related Annexes to the Convention on International Civil Aviation (Chicago Convention). Core areas audited by the USOAP are: primary aviation legislation and civil aviation regulations; civil aviation organization; personnel licensing and training; aircraft operations; airworthiness of aircraft; aircraft accident and incident investigation; air navigation services; and aerodromes and ground aids.

THE SAFETY MANAGEMENT TRAINING PROGRAMME

A NEW ERA IN PERFORMANCE – BASED NAVIGATION (PBN) TRAINING

Who can attend these courses?

- Available to all aviation professionals who meet pre-requisites

- Visit www.icao.int/training to select courses that suit your needs

North American Central American and Caribbean (NACC) Office MexicoCity
South American (SAM) Office Lima
ICAO Headquarters Montreal
Western and Central African (WACAF) Office Dakar
European and North Atlantic (EUR/NAT) Office Paris
Middle East (MID) Office Cairo
Eastern and Southern African (ESAF) Office Nairobi
Asia and Pacific (APAC) Office Bangkok

Thank you