



ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY

**Capacity Development &
Implementation Bureau**





Specialized agency of the United Nations created in 1944 (82 years), headquartered in Montreal, Canada, since 1946.

193 Contracting States globally

APAC: 39 and two Special Administrative Regions of China (49 FIRs)

ICAO's Pillars

ICAO Provides an end-to-end approach, from developing SARPs to supporting States in its implementation.

01. Standards Development

Development of Standards and Recommended Practices (SARPs) to achieve the sustainable and orderly growth of the global civil aviation system.

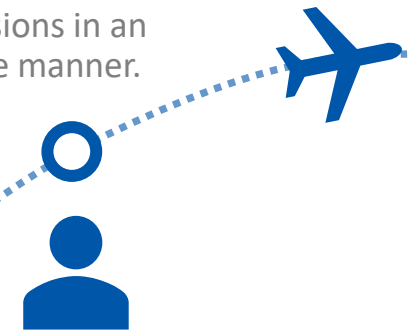


02. SARPs Compliance (through audits)

Conducting audits by monitoring compliance with ICAO SARPs (USOAP / USAP)

03. Capacity Development and Implementation (CDI)

Providing support to Member States in implementing ICAO provisions in an efficient and cost-effective manner.



Capacity Development and Implementation

Products and Services provided by ICAO Capacity Development & Implementation (CDI) Bureau:

PROJECTS



- Large or small Scale (\$20K to \$100M+)
- Identified scope, focused on deliverables

PROVISION OF EXPERTISE



- Operational Assistance (OPAS)
- National Experts

TRAINING

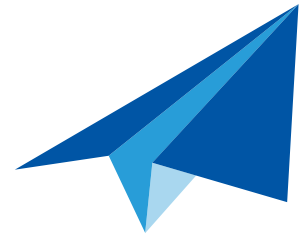


- TRAINAIR PLUS
- Fellowships/ Dev. Country Training Prg.
- IPacks

PROCUREMENT



- Technical Specifications
- International Tendering
- Long Term Agreements

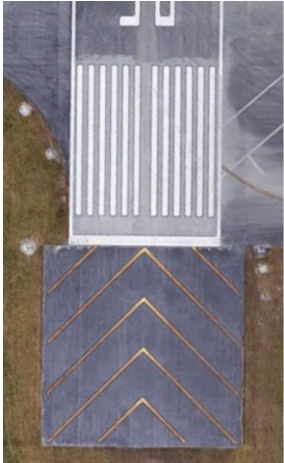


Projects





Examples of Activities in the APAC Region



Evaluation Study for the use of Engineered Material Arresting Systems at Airports (India)

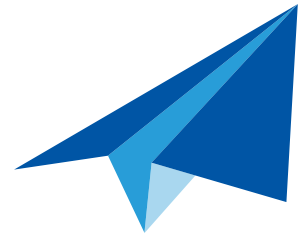
Provision of X-Band Weather Radars for Pacific Small Islands Developing States (in coordination with UNEP)

Provision of a World Aeronautical Chart (Philippines)

Study and recommendations on BKK airport expansion plans, capacity, hub operations and support of the ORAT activities from Don Mueang to Suvarnabhumi (Thailand)

Capacity Building project – Training Needs Assessment for Authorities:

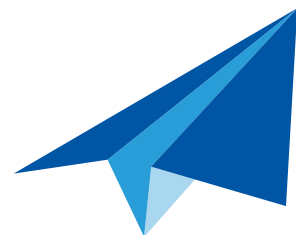
- **Aim:** identify the existing and anticipated gaps of required competencies of CAA / Authorities key positions and functions and propose a corresponding sustainable Capacity-Building plan, including a customized training plan.
- **Phased Approach:**
 - Phase 1: Training Needs Assessment (TNA)
 - Expansion (at State level):
 - Phase 2: Development / update of the State Civil Aviation Master Plan (CAMP)
 - Phase 3: Development of the Aviation Training and Capacity Building Roadmap of the State
- **Phase 1 Outcomes:**
 - Conduct TNA activities of the Authority as regulator, operator of airports and ANSPs when applicable, with focus on Safety, Security and key functions identified in ICAO SARPs (USOAP, USAP, Annexes, etc...);
 - Setup and train a unit identified as being responsible to execute TNA projects for the CAA on a continuous basis.
 - Triennial course training plan for Authority staff
 - Mechanism to evaluate the training effectiveness to ensure Authority is equipped with required skills for regulatory and safety oversight functions
 - Prepare Phase 2 by conducting workshop / courses on development of CAMP.
 - Close the gap on CE-4



Provision of Expertise

- **Operational Assistance Programme (OPAS)**
 - **Expert Deployment:** ICAO recruits experts for temporary assignments (short to long term) to assist governments in civil aviation matters.
 - **Direct Support:** OPAS personnel work directly for the national aviation authority in an operational capacity, not just as advisors.
 - **Capacity Building:** Experts transfer knowledge, provide on-the-job training, and help implement ICAO Standards and Recommended Practices (SARPs).
 - **Focus Areas:** Examples include Fatigue Risk Management Systems (FRMS), Safety Management Systems (SMS), Air Navigation Services, Regulatory Oversight...

Highly skilled, international aviation professional temporarily embedded within a State's civil aviation authority to boost its operational and safety capabilities



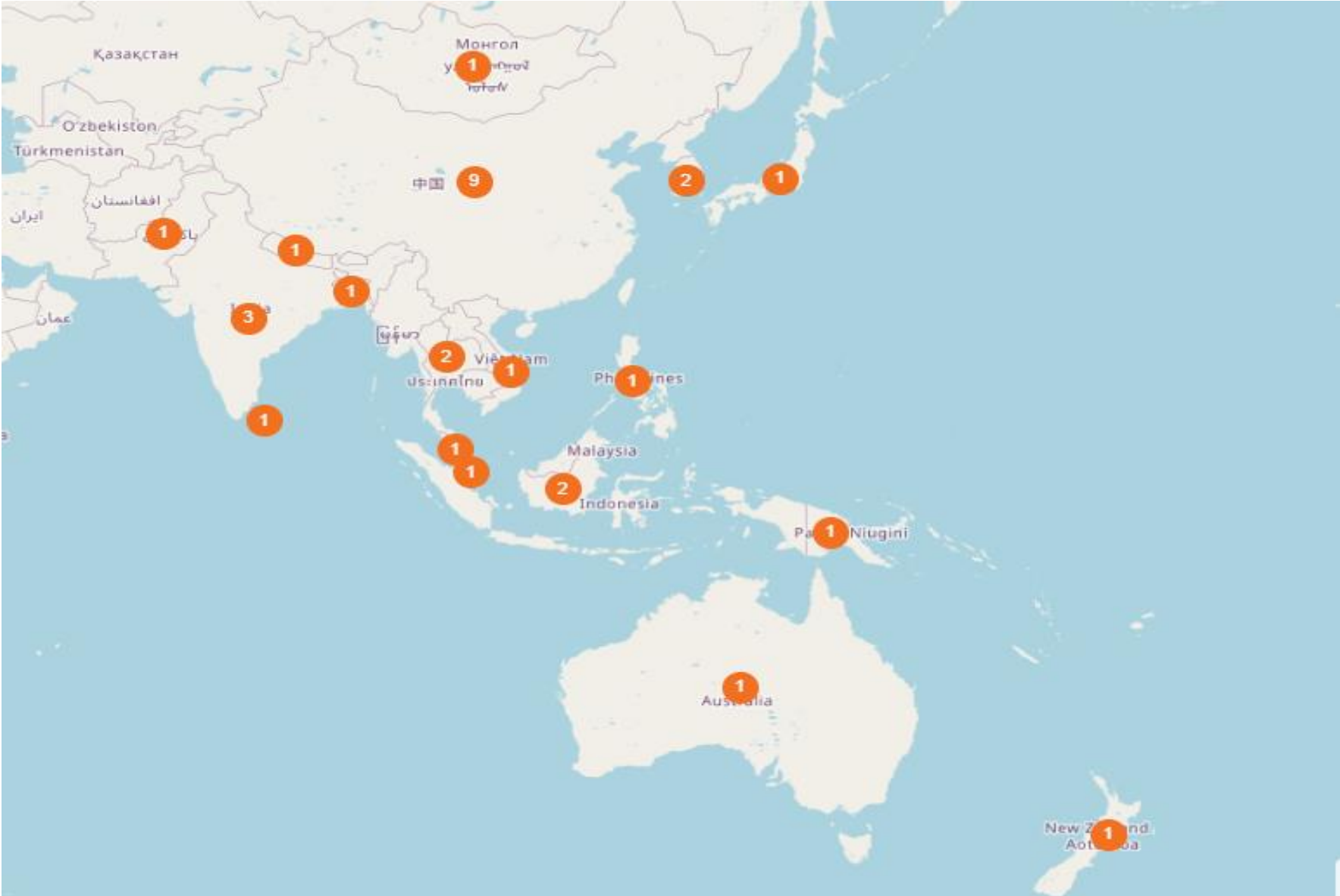
Training



TRAINAIR PLUS Programme

- **Early 1980s to support States to implement Competency-Based Training (40+ years old)**
 - **Name is:**
 - **Course development methodology**
 - **Global network of training organizations recognized by ICAO and engaged in training activities with ICAO**
 - **Benefits:**
 - **ICAO recognition and global visibility**
 - **Access to the portfolio of ICAO courses for delivery**
 - **Guidance on the implementation of competency-based training through the training of a Course Development Unit**
 - **Members are mainly training arms of Civil Aviation Authorities, Airports and Airport authorities, Air Navigation Services Provider(s), Airlines, MROs...**
 - **146 TRAINAIR PLUS Members and Partners worldwide (35 in APAC)**
- 

TRAINAIR PLUS Programme



1- Training Assessments: Enhancing Capacities of Training Organizations



Providing best practices for training organizations

Mekki Lahlou
Admin | Manager

ICAO - OACI - ICAO
EGYPTIAN AVIATION ACADEMY EAA

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Self Assessment

SUMMARY VIEW

✓ The Training Center submitted the self-assessment questionnaire on 11 Nov 2014.

1. Organization

Next »

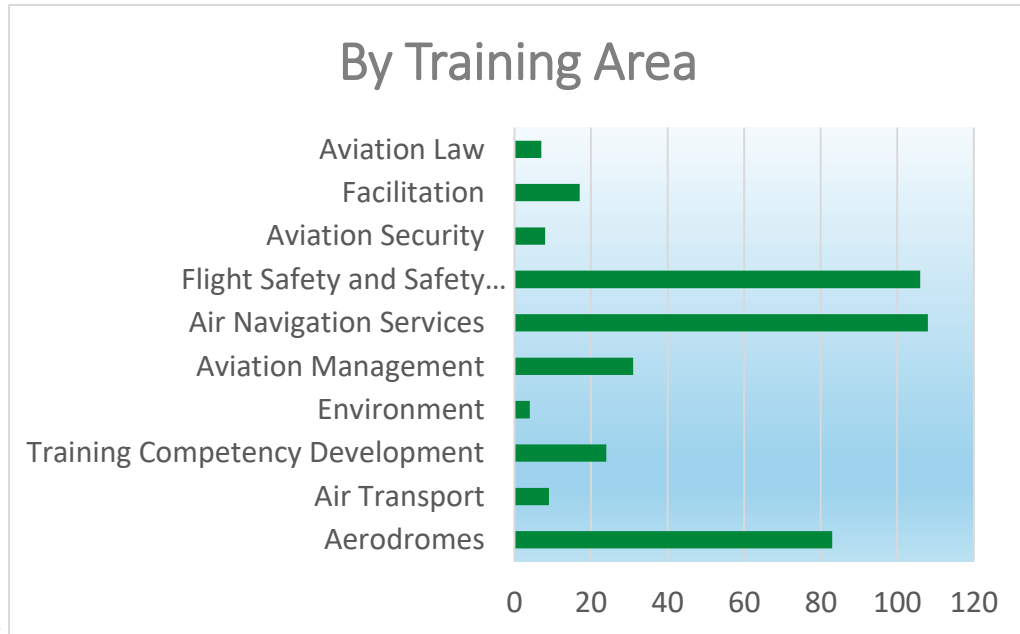
1.1 Does the training organization have the required authorization(s) to operate from the government?

✓ Yes

Attached the approval document by the ECAA (government).
EAA's presentation.
NCATO was transferred into EAA in may 2009 through the presidential decree 140-2009 (Arabic copy is attached)
EAA colleges are recognized by ICAO as RTC and COE (attached)
EAA's presentation is attached.

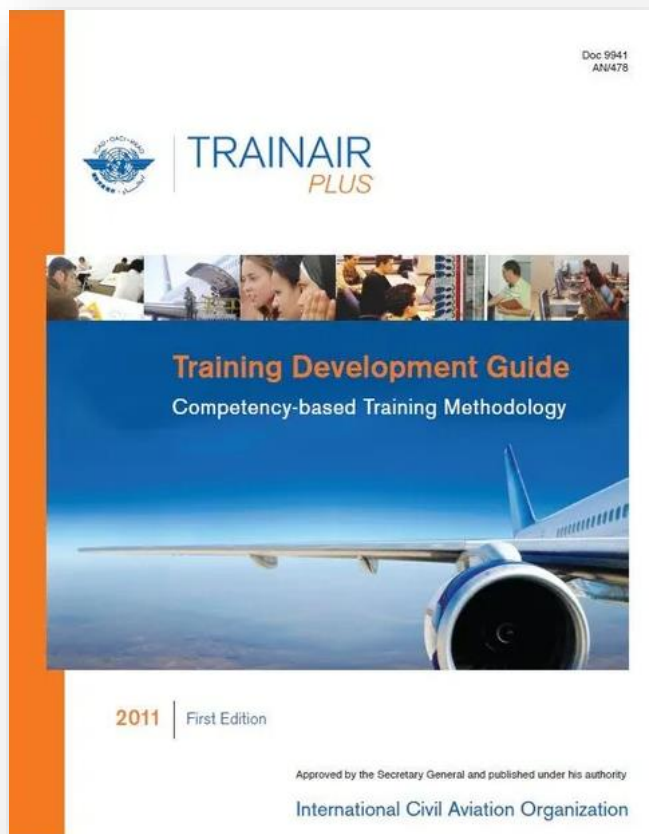
ATCC_Aproval.pdf
MFC - Approval Certificate.pdf
presidential decree 140-2009.pdf
ICAO_Recognition.pdf
EAA DEMO FOR TRAINAIRPLUS.pdf

2- ICAO Training Catalogue

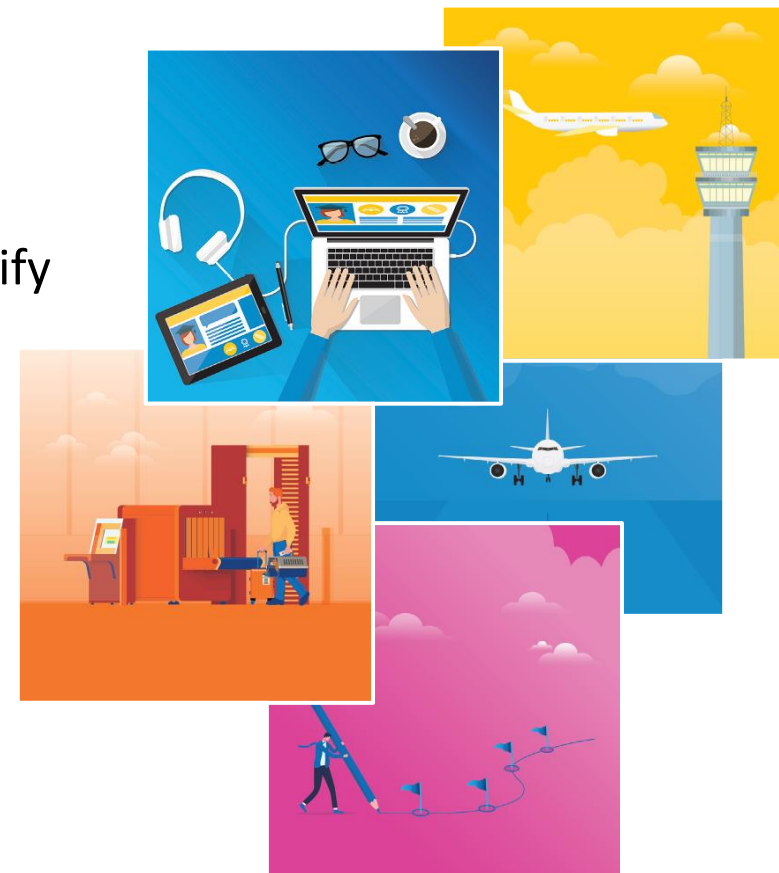


- ✓ Continuous portfolio expansion through the TRAINAIR PLUS Programme (TPP) Network of Members
- ✓ Available portfolio of over **450+ training packages** catering to the needs of civil aviation training worldwide
- ✓ Covering **10 strategic training areas**, and all **ICAO languages** supporting the implementation of ICAO SARPs.
- ✓ ICAO training calendar with more than **700 sessions delivered every year.**
- ✓ Multiple formats: instructor led both **in-person** and **virtual** deliveries, self-paced **online** delivery.

3- Training Methodology (Doc 9941)

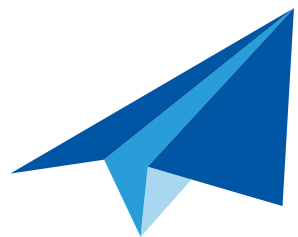


- ❖ Instructional Designers (Course Developers) work with
- ❖ Subject Matter Experts to identify and develop outcomes:
- ✓ Course Materials
- ✓ Expected Performance
- ✓ Evaluation Mechanisms



Training activities outside of TRAINAIR PLUS

- **On-demand delivery** of ICAO courses
- **IPacks:** bundling of course, guidance material and professional expertise in a wide variety of areas
- **Fellowships** (providers and recipients) / Developing Countries Training Programme (DCTP)
- **University** programmes and degrees



Procurement

Procurement Scope:

- Identification of the **needs** (through CDI Project)
- Definition of the **specifications**
- **Tendering** documents
- **Bidding** process
- Selection of winning proposal and **contract award**
- Management of **Equipment delivery and installation** with associated services (i.e. training...)

Thank You

