



ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY



Briefing – Capacity Development and Implementation Activities & TRAINAIR PLUS Programme

ICAO Secretariat

TRAINAIR PLUS Programme

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- Early 1980s
- Competency-based training development methodology
- Global network of training organizations recognized by ICAO and engaged in training activities with ICAO
- Members are mainly training arms of:
 - Civil Aviation Authorities
 - Airports and Airport authorities
 - Air Navigation Services Provider(s)
 - Airlines
 - Others....
- Corporate Partners are States, International Organizations and tertiary education institutions
- 113 TRAINAIR PLUS Members worldwide (28 in APAC)
- 27 Corporate Partners worldwide (4 in APAC)

TPP Members: Capacity Building Functions



Training Assessments

Initial Assessments of training organizations. Alignment with ICAO Training Policy & Doc. 9841



1-3 Months

Training Development

Training Development of ICAO standardized training packages. Alignment with ICAO competency-based training methodology. Doc. 9941



6-12 Months

Training Delivery

Operational Implementation support of the ICAO training portfolio through the TRAINAIR PLUS electronic Management System (TPEMS)



3-6 weeks



1- Training Assessments: Enhancing Capacities of Training Organizations



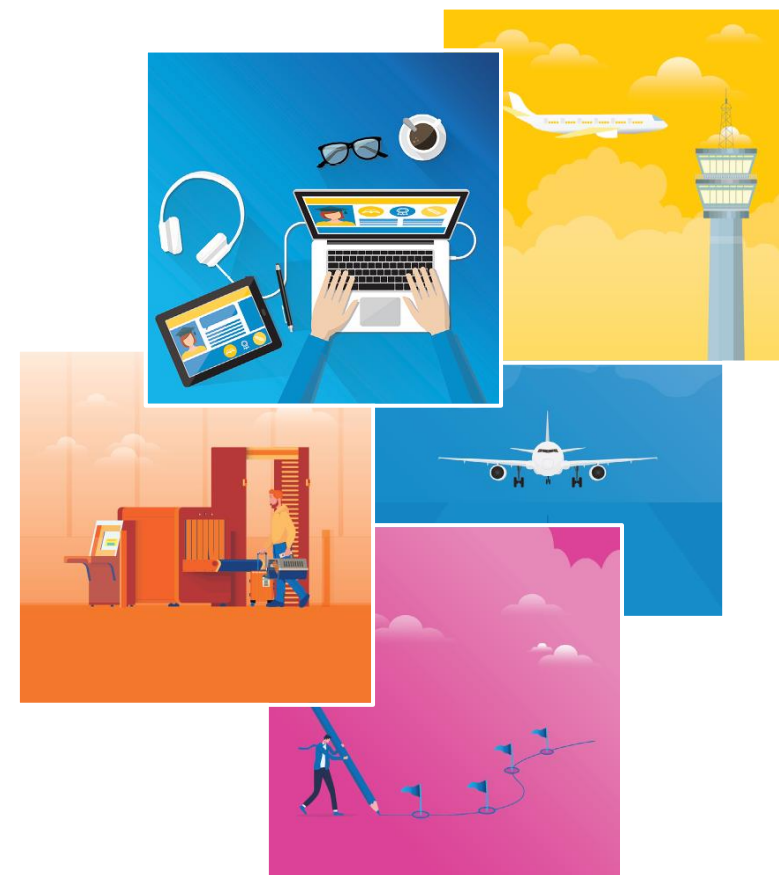
Providing best practices for training organizations

The screenshot shows the TRAINAIR PLUS web interface. At the top, the user is logged in as Mekki Lahlou (Admin | Manager). The page title is "CATC Assessment" for the "EGYPTIAN AVIATION ACADEMY EAA". A sidebar on the left lists assessment steps: CATC Application, TRAINAIR PLUS Approval + Documents, CATC Self-Assessment (highlighted), On-site Assessment, Corrective Action Plan (CAP), and TRAINAIR PLUS Final Approval + Report. The main content area is titled "Self Assessment" and shows a summary view of the assessment. A green checkmark indicates that the training center submitted the self-assessment questionnaire on 11 Nov 2014. The current section is "1. Organization". A question is displayed: "1.1 Does the training organization have the required authorization(s) to operate from the government?". The answer is "Yes", with a detailed explanation: "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." Below the text, several PDF files are listed as attachments: ATCC_Aproval.pdf, MFC - Approval Certificate.pdf, presidential decree 140-2009.pdf, ICAO_Recognition.pdf, and EAA DEMO FOR TRAINAIRPLUS.pdf.

2- Training Methodology (Doc 9941)



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

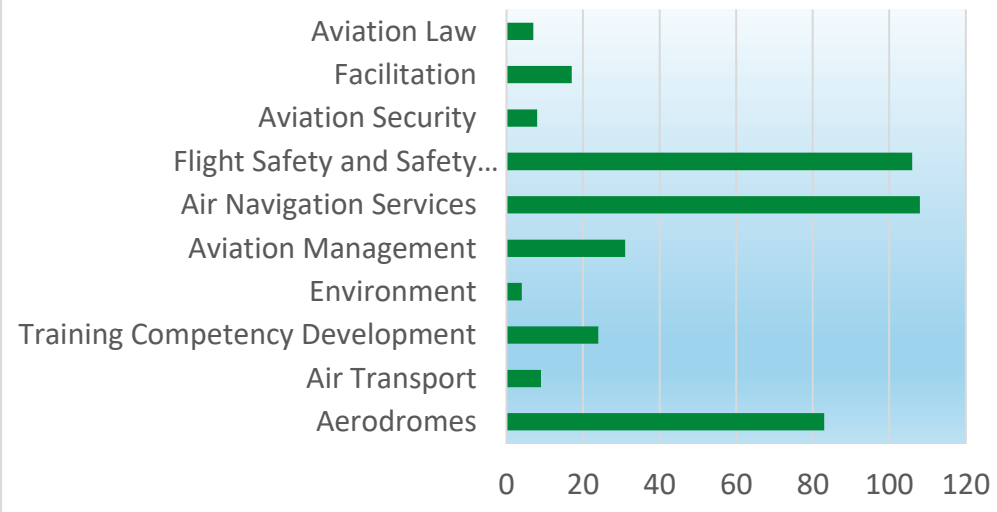


3- ICAO Training Catalogue

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By Training Area



- ✓ Continuous portfolio expansion through the TRAINAIR PLUS Programme (TPP) Network of Members
- ✓ Available portfolio of over **547 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.

ICAO Training Packages by Type

All Courses (397) Instructor-Led (346) Self-Paced (Online) (51) Programmes (11)

Training Area Subarea Language Type

397 Total Courses • Order by: Type Show only courses with: ☐ Upcoming Sessions

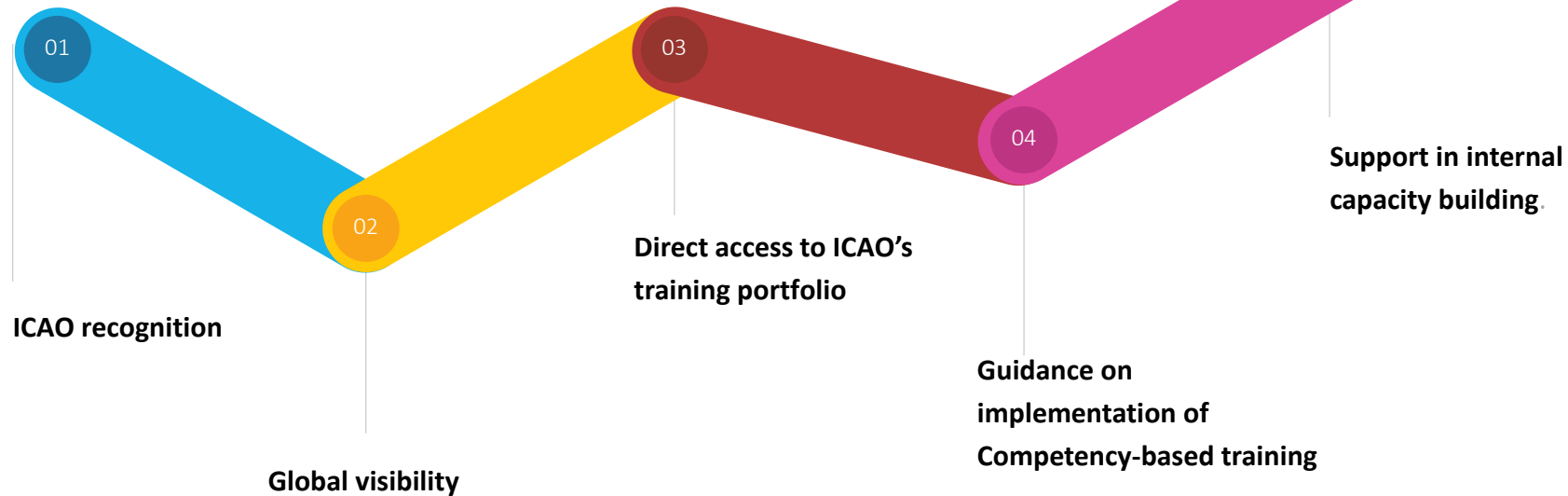
Aerodrome Restart (ARST EN): Online
 Developed by International Civil Aviation Organization, Canada

Type dropdown menu options:
 ICAO Course
 Member-ICAO Course
 Partner-ICAO Course
 Standardized Training Package
 Workshop

PACKAGE	DESCRIPTON	OWNERSHIP	ICAO VALIDATION
ITP (ICAO Training Package)	Developed by ICAO focusing on the implementation of ICAO SARPs and guidance material, available to be delivered by any TPP Member.	ICAO	METHODOLOGY & CONTENT
M-ITP (Member- ICAO Training Package)	Developed by a TPP Member Training Institution in collaboration with ICAO, focusing on the implementation of ICAO SARPs and guidance material, available to be delivered by any TPP Member.	ICAO & TPP MEMBER	METHODOLOGY & CONTENT
STP (Standardized Training Package)	Developed by a TPP Member focusing on operational practices, using national regulations and procedures, and/or industry requirements.	TPP MEMBER	METHODOLOGY
PTP (Partnership Training Package)	Developed training or educational programme in aviation within the framework of a partnership agreement with a Corporate Partner or an industry partner .	ICAO & PARTNER	CONTENT

ICAO TRAINAIR PLUS Membership Benefits

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Featured: Aerodrome Training

- ICAO courses developed by ICAO:
 - Airport Pavement Strength Rating
 - Overview of Aerodrome Operational Management
 - Overview of Airport Pavement Strength Rating



Featured: Aerodrome Training

- ICAO courses developed by TPP Members



Design of Aeronautical Ground Lighting
M-ITP/AGA/109/DAGL/030EN

Incheon Airport Aviation Academy (IAAA)
Republic of Korea



Aerodrome Safety Management Incorporating PANS-Aerodromes
ITP/R/AGA/SMS/004E

Incheon Airport Aviation Academy (IAAA)
Republic of Korea



Apron Markings Management
ITP/R/AGA/AMM/007E

Capital Airports Management Academy
China



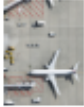
Re-Declaring Runway Declared Distances
ITP/R/AGA/DRDD/021E

GMR Aviation Academy
India



Featured: Aerodrome Training

- ICAO courses developed with TPP Corporate Partners

	ACI - ICAO Global Reporting Format (GRF) for Runway Surface Conditions for Airport Operators PTP/AGA/GRF/027EN	Airports Council International (ACI) Canada
	ACI - ICAO Implementing Annex 14: Advanced Aerodrome Design and Operations (AADO) PTP/AGA/AADO/007E	Airports Council International (ACI) Canada
	ACI - ICAO Airport User Charges PTP/004E	Airports Council International (ACI) Canada
	ACI - ICAO Aerodrome Certification PTP/005E	Airports Council International (ACI) Canada
	Airport Wildlife Management PTP/AGA/119/AWM/017EN	Embry-Riddle Aeronautical University United States
	Airport Wildlife Operations PTP/AGA/119/AWO/018EN	Embry-Riddle Aeronautical University United States



Featured: Aerodrome Training

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- Global ACI - ICAO Airport Management Professional Accreditation Programme (AMPAP):
 - ☐ Executive development program for airport managers worldwide promoting adherence to the highest professional standards
 - ☐ Covers all functional areas of the airport business
 - ☐ Graduates earn the International Airport Professional (IAP) Designation.



- Global ACI-ICAO Airport Safety Professional (ASP) Designation Programme:
 - ☐ To recognize senior airport managers and airport regulators that have demonstrated an understanding of relevant ICAO Standards and Recommended Practices (SARPs), professional excellence in the field of airport airside operations, as well as maintaining ACI industry best practices.
 - ☐ 3 Mandatory courses + 1 elective + ASP exam

ICAO Training Services *(For Non-TPP Members)*

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- ❑ Delivering **training projects (ProDoc)** under an ICAO Agreement
 - ✓ Management Service Agreement (MSA); or
 - ✓ Training Service Agreement (TSA)
- ❑ ICAO **turn-key implementation support** (short/medium/long term):
 - ✓ Defined project scope, budget, timeline, terms and conditions
- ❑ Courses: training delivery options (ICAO Hosted)
 - ✓ In-house training for private groups
 - ✓ ICAO HQ or Regional Offices
 - ✓ ICAO TRAINAIR PLUS Membres
- ❑ Training Consultancy





Thank You!