



# ICAO

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**Fifth NAM/CAR Civil Aviation Training Centres Working Group Meeting (NAM/CAR/CATC/WG/5)**

San Salvador, El Salvador, 28 to 30 May 2019

**Agenda Item 3: Updates on the Training Field**

**3.1 Trends of aeronautical training in the short, medium and long terms and updated information of the TRAINAIR Plus Programme**

**REPORT ON THE IMPLEMENTATION OF THE ICAO CIVIL AVIATION TRAINING POLICY AND GLOBAL AVIATION TRAINING ACTIVITIES DURING 2017 AND 2018**

(Presented by the Secretariat)

EXECUTIVE SUMMARY	
This paper provides a summary of achievements of the Global Aviation Training (GAT) Office, as well as reports on the implementation of the ICAO Civil Aviation Training Policy, GAT and TRAINAIR PLUS activities during 2018.	
<i>Strategic Objectives:</i>	This information paper relates to all Strategic Objectives and Supporting Strategies.
<i>Financial implications:</i>	The activities referred to herein will be undertaken based on the <i>Pricing Policy for the Global Aviation Training Activities</i> .
<i>References:</i>	ICAO <i>Civil Aviation Training Policy</i> , dated 25 May 2016 <i>Pricing Policy for the Global Aviation Training Activities</i>

**1. Introduction**

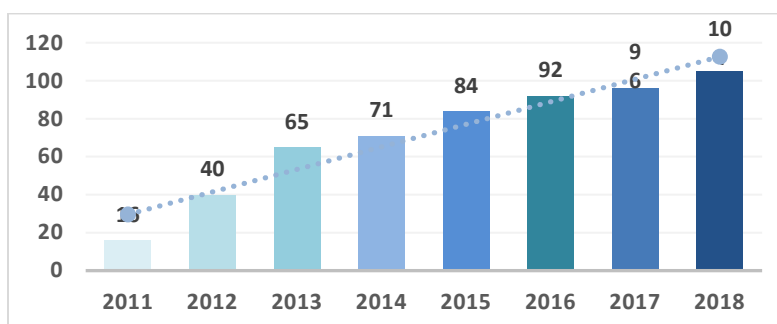
1.1 This paper provides an overview on the implementation of the ICAO *Civil Aviation Training Policy*, Global Aviation Training (GAT) and TRAINAIR PLUS activities undertaken in 2018. All figures reflected below are compiled as of 1 March 2019.

## 2. Achievements of the GAT OFFICE

### 2.1 TRAINAIR PLUS Programme Activities

2.1.1 The TRAINAIR PLUS Programme (TPP), ICAO's cooperative network of training centres, is implemented in 74 ICAO Member States. TPP is composed of 104 organizations, 8 of which joined in 2018. TPP Members develop and deliver ICAO-recognized training packages listed in ICAO's comprehensive GAT course catalogue.

**TRAINAIR PLUS Membership**



2.1.2 In the NACC Region, 12 training organizations are recognized as TPP Members in the following categories: 4 Regional Training Centre of Excellences (RTCEs), 5 Full Members and 3 Associate Members. The list of TPP Members in the NACC Region is attached herein Appendix A.

2.1.3 In order to attract new TRAINAIR PLUS Members and render the Programme more affordable for existing Members, a 5 per cent reduction to the annual membership fees was implemented in 2017 and an additional 5 per cent reduction was implemented in 2018. Moreover, a group pricing structure has been introduced for trainees from civil aviation regulatory bodies to increase participation and provide them with greater access to ITPs. This structure allows a third complimentary registration for every two paid registrations, representing approximately a 33 per cent savings on course registration fees.

## 2.2 Course Development and Training Methodology

### 2.2.1 ICAO Training Packages (ITP):

2.2.1.1 Competency-based training courses allow aviation personnel to maintain their competency. The GAT Office launched two new ITPs developed by ICAO, currently being delivered at ICAO Headquarters, in Regional Offices, or on the premises of TPP Members: the ICAO *International Air Law Course*; and the *Post Training Evaluation (PTE) Course*.

2.2.1.2 The International Air Law Course enables representatives of civil aviation administrations, airports and air navigation service providers to support their organization in compliance with international air law through the application of appropriate knowledge gained in case discussions. Over 135 participants have been trained on the fundamental concepts and rules of international air law and work through case studies.

2.2.1.3 The PTE Course trains personnel to implement the training effectiveness evaluation processes and measure the impact of delivered training on work performance based on the TRAINAIR PLUS PTE methodology. The PTE course is offered to CATCs to support their personnel in implementing the methodology in their training centres.

2.2.1.4 Since the inception of TPP, a total of 42 ICAO Training Packages (ITPs) have been developed, including 3 newly developed ICAO ITPs (Aviation Data-Driven Decision Making (AD3M) online and classroom courses, and Managing Aviation Training Intelligence (MATI)), and 2 RTCE ITPs (ATM Incident Investigation Techniques and Apron Markings Management) in 2018, while an additional 10 RTCE ITPs are under development.

2.2.1.5 The new ITP, entitled "Managing Aviation Training Intelligence (MATI)", which launched in April 2018 aims to broaden the management approach of civil aviation training centre managers to practice decision-making based on aviation training integrated data. The Course is now available to be hosted by TPP Members.

## **2.2.2 Compliant Training Package (CTP)**

2.2.2.1 In late 2017, the Singapore Aviation Academy (SAA) and the International Academy of Aviation and Space Medicine (IAASM) jointly developed and delivered an ICAO-recognized CTP, entitled Postgraduate Certificate in Aviation Medicine for Medical Examiners and Assessors. Eighteen medical practitioners from 13 countries attended the 2-week course in Singapore.

## **2.2.3 Standardized Training Packages (STPs)**

2.2.3.1 Members of TPP develop and share ICAO-recognized training packages that are listed in ICAO's comprehensive GAT Catalogue. Competency-based training courses allow aviation personnel to maintain their competency.

2.2.3.2 A total of 167 STPs have been developed since the inception of TPP, 31 of which were developed in 2018, and all STPs are accessible through the TRAINAIR PLUS Electronic Management System, an online course library.

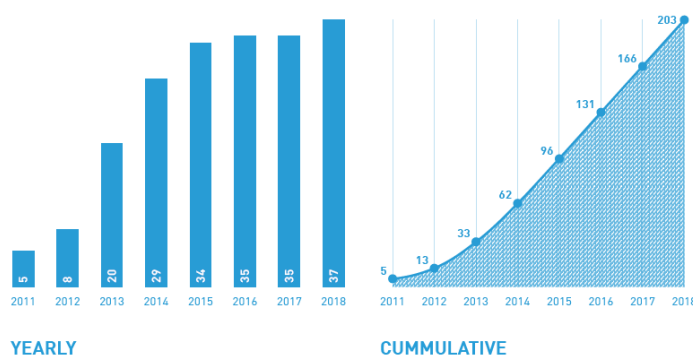
## 2.2.4 Partnership Training Package (PTP)

2.2.4.1 Two (2) PTPs have been developed in 2018, as follows:

- Management of Airport Security, developed in partnership with Airports Council International (ACI); and
- Fundamentals of the Air Transport System developed in partnership with University of Waterloo.

2.2.4.2 In 2018, a total of 37 new ICAO-recognized training courses have been developed and integrated in the ICAO Training Catalogue and are accessible to all TPP Members. Since the inception of TPP, a total of 203 ICAO Harmonized Training Packages have been developed.

### COURSES DEVELOPED



2.2.5 An additional 70 competency-based ICAO-recognized training packages are currently under development, including ITPs that support ICAO's Strategic Objectives, under the following subject areas: Dangerous Goods for Inspectors, the Carbon Offsetting and Reduction Scheme for International Aviation, Facilitation, and the State Safety Programme. An updated Job Task Catalogue including a job analysis for each course is also available online to TPP Members.

2.2.6 During 2018, 5 ICAO harmonized training packages were developed in the NACC Region as follow: 1 under the thematic area Aerodromes, 1 under the thematic area Air Navigation Services, 2 under the thematic area Flight Safety & Safety Management, 1 under the thematic area Training Competency Development. Appendix B and C includes tables indicating the courses developed and under development by TPP Members in the NACC region.

2.2.7 To encourage eligible candidates from TPP Members to be qualified as Instructional Systems Design (ISD) validators, in a timely manner and without compromising the quality of training courses, the GAT Office revised its validator qualification process by streamlining the course development requirements and including a performance exam.

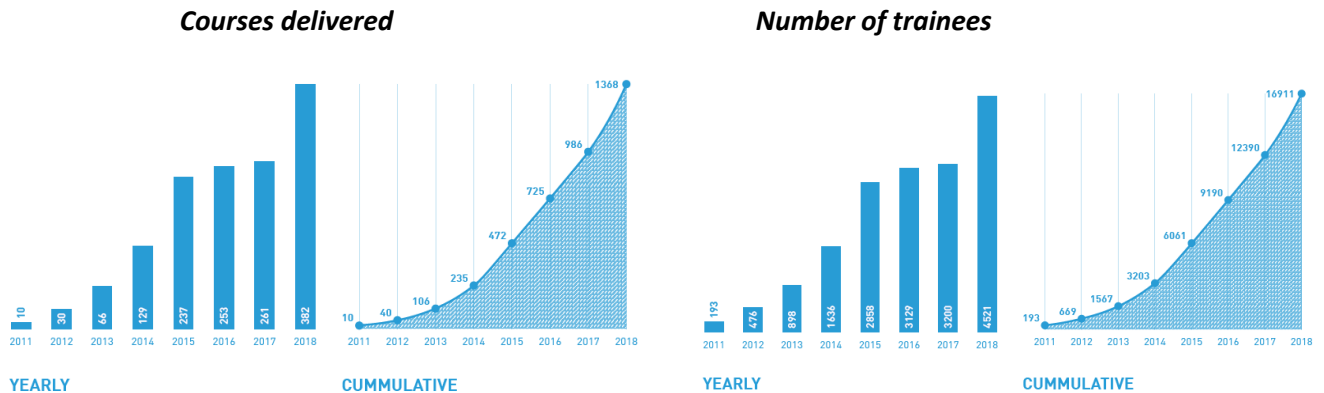
2.2.8 In line with the adjustments made to the ISD validator qualification process, the Training Developers Course instructor qualification requirements were also revised. The implementation of these processes is expected to reduce the training qualification timeframe and associated cost, as well as support capacity-building of training organizations.

2.2.9 Web-based and user-friendly online applications have been developed to facilitate the qualification process and monitor the currency of these training experts.

## 2.3 Participation of trainees in ICAO courses

2.3.1 Through the TRAINAIR PLUS Programme during 2018, 382 courses were delivered and 4521 students trained.

2.3.2 Training at ICAO Regional Offices: The GAT Office regularly conducts training in Regional Offices to provide greater access to States in the regions. In 2018, the ICAO International Air Law, course was delivered with over 150 trainees benefiting from them.

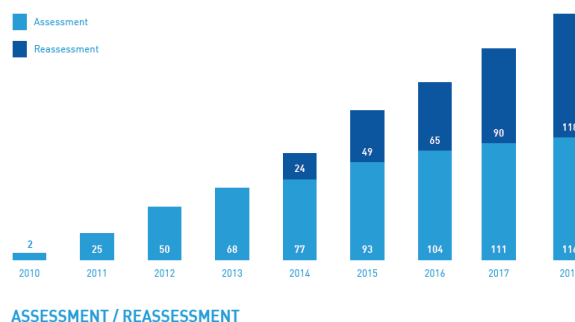


2.3.3 In the NACC region during 2018, 81 courses were delivered in the following thematic areas: 36 courses in Aerodromes, 9 in Air Navigation Services, 2 in Air transport, 2 in Environment 9 in Flight Safety and Safety Management, 2 in Management Programmes and 21 courses in Training Competency Development.

## 2.4 Assessments of Training Organizations

2.4.1 The GAT Office regularly conducts assessments of training organizations to analyse their capability to be recognized as TRAINAIR PLUS Programme (TPP) Members and maintain their membership criteria. Assessments provide a clear and independent view of a training organization's operations and highlights critical areas requiring improvements to management and civil aviation authorities (CAAs). In 2018, the GAT Office conducted a total of 33 assessments: 5 initial assessments of potential new TRAINAIR PLUS Members and 28 reassessments of existing TPP Members.

### ASSESSMENTS OF TRAINING CENTRES



2.4.2 A cumulative of 234 assessments/reassessments (116 assessments and 118 reassessments) have been conducted since 2010, with more than 1,100 findings, most of them related to Quality System and the Training and Procedures Manual.

2.4.3 To facilitate the assessment and reassessment processes, the Protocol Questionnaire has been translated into French, Spanish, and Russian.

## 2.5 Training Events

2.5.1 The 5th ICAO Global Aviation Training and TRAINAIR PLUS Symposium was held in Doha, Qatar, from 10 to 12 December 2018, under the theme “*Building Aviation Training Intelligence*”. This event attracted 800 participants from 70 States and international organizations.

2.5.2 A Course Developers and Instructors Standardization (CDI/STD) meetings was held in New Delhi, India, in October 2018, with a total of 115 attendees from 23 States.

2.5.3 CDI/STD events provide a platform for training professionals to exchange their knowledge and skills in the areas of instructional design and delivery, as well as identify opportunities for the improvement of training deliverables.

## 3. Ongoing GAT Activities

### 3.1 GAT services

3.1.1 The ICAO Council endorsed C-WP/14600 on the *Pricing Policy for Global Aviation Training Activities*. Under this new Policy, pricing of ICAO training products and services for trainees and training organizations from civil aviation regulatory bodies is cost-based and is set to recover GAT staff costs, product development, and delivery costs.

3.1.2 The Policy also establishes a scholarship fund for trainees from States endeavouring to meet or maintain their Effective Implementation rates, in line with the *No Country Left Behind* initiative. In coordination with Regional Offices, the process of awarding scholarships began in 2018.

3.1.3 The Council also endorsed the Terms of Reference (ToR) of the *Customer Satisfaction Survey on the Global Aviation Training (GAT) Activities* (C-WP/14630 refers). The objective of the Customer Satisfaction Survey is to assess customer feedback on the training services provided by the GAT Office to Member States, with a view to improving its service delivery and State satisfaction, and report the results of the survey to the ICAO Council.

3.1.4 Last survey was conducted in the English language in November 2017 by IPSOS, an independent third-party, through the conduct of a web-based survey covering all areas of training currently available for States. The survey conducted provided 81% overall satisfaction rate. The subsequent report, which included the survey results, conclusions and recommendations of the customer satisfaction surveys, has been reported to the 213th Council session.

3.1.5 The Survey is expected to be conducted every three years. Therefore, next Survey will take place in 2020. The collection and analysis of customer feedback is part of the continual improvement process of TPP.

## **3.2. Partnerships**

3.2.1 Nanyang Technological University: ICAO and Nanyang Technological University (NTU) in Singapore formalized an agreement in June 2018 to develop and deliver educational programmes and training courses. The first global delivery of ICAO's newly developed Aviation Data-driven Decision Making (AD3M) course, which was integrated into NTU's Aviation and Air Transport Advanced Management Programme, was held in July 2018 on the University's campus. The AD3M Course explores the fundamental concepts behind data-driven decision-making and prioritization, enabling trainees to apply these concepts to practical scenarios and real-life situations.

3.2.2 Ecole Nationale de l'Aviation Civile: ICAO and Ecole Nationale de l'Aviation Civile (ENAC) of France signed an agreement on 5 October 2017 to develop and deliver an Advanced Master's in Aviation Safety Management (ASM). This programme aims to provide aviation managers with the fundamentals needed to systematically monitor and improve aviation safety, based primarily on ICAO Annex 19 – Safety Management and related Safety Management System (SMS) provisions.

3.2.3 University of Waterloo: ICAO's recent collaboration with the University of Waterloo aims to offer an e-learning course on the *Fundamentals of the Air Transport System*. Geared for aspiring aviation professionals, the course contains 9 modules covering air law, aircraft, operations, navigation, airports, security, environment, accidents, and safety. Over 1000 trainees have registered for the asynchronous course since its inception in 2017. The course also aims to encourage the next generation of aviation professionals to acquire knowledge of the air transport system.

3.2.4 European Organisation for the Safety of Air Navigation (EUROCONTROL): A Partnership has been signed with the European Organisation for the Safety of Air Navigation (EUROCONTROL). The Partnership with EUROCONTROL focuses on the development and the delivery of air navigation-related training by EUROCONTROL's Institute of Air Navigation Services (IANS), and in particular on the delivery of the Managing Security in ATM Course.

3.2.5 China South-South Cooperation Assistance Fund Project:

3.2.5.1 The Government of the People's Republic of China funded a grant of USD 2 million to develop and deliver the *Civil Aviation Authority Senior and Middle Managers Training Course (CAA SMMTC) entitled Managing Compliance with ICAO SARPs*. The course aims to enhance the skills of senior and middle management of CAAs, in order to effectively manage the implementation of ICAO SARPs related to the areas of safety, air navigation, security and facilitation.

3.2.5.2 The project was concluded in 2018 within time and budget, and exceeded target expectation of 500 scholarships and 20 courses sessions. Final data report a total of 540 trainees from over 90 States and 4 regional safety organizations have been awarded scholarships through 21 sessions.

3.2.6 Concordia University's John Molson School of Business: In 2016, ICAO partnered with Concordia University's John Molson School of Business to collaboratively establish a Management Certificate in Civil Aviation. The first certificate in Strategic Management was delivered in 2016, and is part of a triad of certificates, namely in Human Resources Management, which was delivered in April 2017, and in Business Planning and Decision-making delivered in November 2017.

3.2.7 Airports Council International (ACI): ICAO and Airports Council International (ACI) formalized a new agreement last June 2017 supporting their agencies' future cooperation on airport training. Under this new partnership, training programmes and specific courses will provide a range of aerodrome training services to ICAO Member States and ACI member airports. A Management of Airport Security course has been validated from 23 to 27 October 2017 at ICAO Headquarters.

3.2.8 The GAT Office is continuing its discussions with other academic institutions under the TRAINAIR PLUS Corporate partnership, namely from Argentina, Australia, China, South Africa, South Korea, and the United States, to establish academic and technical training programmes.



### 3.3 Guidance Material and Tools

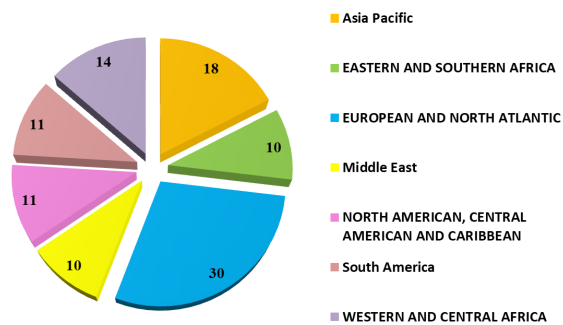
3.3.1 The following guidance material and tools were launched or are currently under development:

- a) Automated course evaluation: In 2018, the automated training evaluation process through the TPEMS was launched for the course delivery evaluation of all ITPs. Participant lists, grades, evaluation questionnaires, and instructors' remarks are integrated in the process, which will lead to the automatic generation of the eReport via the system. This automated process greatly reduces the workload of instructors for course delivery, and enhances the validity and reliability of training evaluation.
- b) Training Instructors Guide (TIG) supports aviation professionals in delivering ICAO-harmonized training packages and other competency-based training developed by TPP Members. TIG is expected to be completed by December 2019;
- c) Training Needs Analysis (TNA) tool supports States in identifying training needs and solutions with the objective of improving competencies and job performance of aviation professionals, and identifying relevant training solutions.

The Training Needs Analysis (TNA) tool was disseminated to States and TPP Members to assess training needs and improve training planning in aviation. Currently 104 states from 7 regions have active accounts.

An expanded version of the tool, under development, will allow for the identification of regional and global training needs to prioritize aviation key subjects for training design and development;

TNA Accounts per country and regional distribution



- d) Guidelines for the development of online courses: With the rapid expansion of internet access and development of media technologies, online training is becoming accessible to many more trainees and increased course delivery options for training providers. In this respect, GAT developed the “Guidelines for the development of online courses” in 2018. These guidelines set forth the objectives, standards and requirements, examples and best practices, related to ICAO-recognized online courses which will effectively support TPP Members in developing online courses.
- e) Post-Training Evaluation (PTE) methodology to evaluate the impact of training on trainees and on the organization they work for (level 3), measured through a series of questionnaires and observation.

The PTE methodology was applied to 10 ITPs in 2018, while an additional 10 ITPs are expected to undergo an effectiveness analysis in 2019. A Report on the outcomes of the post training evaluation of these ITPs will be provided to TPP Members in 2019. Further, the PTE process will be expanded to include supervisors as critical stakeholders of training effectiveness.

The PTE is also currently being implemented in TRAINAIR PLUS training centres through the delivery of the PTE Programme. A web-based application will be developed to gather statistics on the PTE results;

- f) Training Search Mechanism was recently added to the GAT website to allow users to search for courses by training area, keyword, language or format (i.e. classroom, online or blended); and
- g) New Training Tool: The GAT Office, in collaboration with the Bureau of Administration and Services, is now using a new Learning Management System (LMS), a software-based platform that will facilitate the administration, documentation, tracking, reporting and delivery of all training activities and programmes. The new LMS provides more advanced features than the previous system in place, including an improved user experience, connection to the TRAINAIR PLUS Electronic Management System, and different course file format support.

### **3.4 Instructor Qualification Process**

3.4.1 ICAO instructors are required to fulfil the qualification requirements for each ITP they apply to teach. The evaluation of applicants is conducted by the GAT Office, in coordination with relevant Bureaus responsible for the specific subject area, in order to validate the instructional background and subject-matter expertise of the applicant.

3.4.2 In 2018, 14 new instructors have been qualified in the following categories: Air Transport, Facilitation, Safety, and Training Competency Development. In total, there are 126 qualified instructors on the GAT roster.

### **3.5 Scholarships:**

3.5.1 Scholarships are awarded for eligible trainees originating from States which in the context of capacity-building efforts within the NCLB initiative are endeavouring to either meet or maintain their Effective Implementation (EI) rates. In this regard, an ICAO scholarship portal was launched in May 2018 for ICAO Training Packages (ITP) delivered at ICAO Headquarters and Regional Offices. The selection process is conducted jointly between the ICAO Regional Offices and the GAT Office with a total of 20 beneficiaries to be awarded scholarships before year-end. Scholarships currently cover tuition fees of ITPs.

## **4. Conclusion and Actions by the Meeting**

4.1 The GAT Office remains committed to enhancing its training products and services to Member States, TPP Members, and the industry, while operating on a cost-based mechanism.

4.2 The meeting is invited to:

- a) note the various training programmes, activities, methods and tools made available by the ICAO GAT Office;
- b) encourage additional training organizations in the NACC Region to join TPP to benefit from the Programme's numerous training solutions and competency development activities, and
- c) encourage States in the NACC Region to deliver courses listed in the ICAO Global Aviation Course Catalogue.
- d) evaluate and advise GAT which ICAO courses existing in other languages would be important to translate into Spanish, to increase the offer of ITPs in Spanish corresponding with NACC's training needs.

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**APPENDIX A**  
**TRAINAIR PLUS PROGRAMME (TPP) MEMBERS IN THE NACC REGION**

<b>State</b>	<b>Training Centre</b>	<b>Membership</b>
Barbados (Barbados)	The Barbados Civil Aviation Training Centre (BCATC)	Full
Canadá (Montreal)	The ASI Institute, a Division of Aviation Strategies International	Full
Cuba (La Habana)	Centro de Adiestramiento de la Aviación (CAA)	Full
República Dominicana	Academia Superior de Ciencias Aeronáuticas (ASCA)	RTCE
El Salvador (Ilopango)	Instituto Centroamericano de Capacitación Aeronáutica (ICCAE) de COCESNA	RTCE
Jamaica (Kingston)	Civil Aviation Authority Training Institute (CAATI)	Full
México (Ciudad de México)	Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares (CIIASA) - Ingeniero Roberto Kobeh González	RTCE
Antillas Holandesas (Willemstad, Curacao)	Dutch Caribbean Air Navigation Service Provider	Associate
Trinidad y Tobago (Piarco)	Trinidad and Tobago Civil Aviation Authority - Civil Aviation Training Centre	Full
Estados Unidos	Federal Aviation Administration (FAA) Academy	RTCE
	Delex Systems Inc	Associate
	Advanced ATC, Inc.	Associate

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**APPENDIX B**  
**COURSES DEVELOPED BY TPP MEMBERS IN NACC**

No.	Country	Centre	STP Title	Area	Language	Duration
1	Mexico	Centro Internacional de Instruccion de Aeropuertos y Servicios Auxiliares (CIIASA) - Ingeniero Roberto Kobeh González	Manejo de Combustibles de Aviación	Flight Safety and Safety Management	Spanish	1 week
2		Centro Internacional de Instruccion de Aeropuertos y Servicios Auxiliares (CIIASA) - Ingeniero Roberto Kobeh González	Mantenimiento Electromecánico y de Ayudas Visuales en la Certificación de Aeródromos	Aerodromes	Spanish	1 week
3		Centro Internacional de Instruccion de Aeropuertos y Servicios Auxiliares (CIIASA) - Ingeniero Roberto Kobeh González	Operaciones y Servicios Aeroportuarios y Complementarios en la Certificación de Aeródromos (Operations and Airport and Complementary Services in Aerodrome Certification)	Aerodromes	Spanish	1 week
4		Centro Internacional de Instruccion de Aeropuertos y Servicios Auxiliares (CIIASA) - Ingeniero Roberto Kobeh González	Coordinación y supervisión del proceso de manejo de combustibles de aviación	Aerodromes	Spanish	1 week
5		Centro Internacional de Instruccion de Aeropuertos y Servicios Auxiliares (CIIASA) - Ingeniero Roberto Kobeh González	Mitigación del riesgo por fauna en aeropuertos	Environment	Spanish	1 week
6		Centro Internacional de Instruccion de Aeropuertos y Servicios Auxiliares (CIIASA) - Ingeniero Roberto Kobeh González	Coordinación de las operaciones aeroportuarias	Aerodromes	Spanish	1 week
7	Cuba	Centro de Adiestramiento de la Aviación (CAA)	Información y Cartografía Aeronáutica	ANS	Spanish	1 week
8		Centro de Adiestramiento de la Aviación (CAA)	Curso Regulaciones de Aerodromo	Aerodromes	Spanish	1 week
9		Centro de Adiestramiento de la Aviación (CAA)	Emergencia Aeronáutica, Evacuación y Supervivencia	Air Transport	Spanish	2 weeks
10	Jamaica	Civil Aviation Authority Training Institute (CAATI)	Air Navigation Aids Technicians ATC Procedures Basic	ANS	English	1 week

No.	Country	Centre	STP Title	Area	Language	Duration
11		Civil Aviation Authority Training Institute (CAATI)	Flight Data Processing in ATC Surveillance Operations	ANS	English	5 weeks
12		Civil Aviation Authority Training Institute (CAATI)	Aeronautical Information Officer Initial Training	ANS	English	7 weeks
13	Canada	The ASI Institute, a division of Aviation Strategies International	Establishment of an Aerodrome Manual	Aerodromes	English	4 weeks
14		The ASI Institute, a division of Aviation Strategies International	Emergency Tabletop Exercises Management	Aerodromes	English	1 week
15	Dominican Republic	Academia Superior de Ciencias Aeronáuticas (ASCA)	Curso Especialista en Cartografía Aeronáutica/AIS	ANS	Spanish	2 weeks
16		Academia Superior de Ciencias Aeronáuticas (ASCA)	Elaboración, Análisis e Interpretación de NOTAMs	ANS	Spanish	2 weeks
17	El Salvador	Instituto Centroamericano de Capacitación Aeronáutica (ICCAE) de COCESNA	Inicial ATC Aeródromo	ANS	Spanish	9 weeks
18		Instituto Centroamericano de Capacitación Aeronáutica (ICCAE) de COCESNA	Curso Práctico de Fuego Vivo para Bomberos Aeronáuticos	Aerodromes	Spanish	1 week
19		Instituto Centroamericano de Capacitación Aeronáutica (ICCAE) de COCESNA	Gestión Automatizada de Planes de Vuelo (new)	ANS	Spanish	1 week
20		Instituto Centroamericano de Capacitación Aeronáutica (ICCAE) de COCESNA	Entrenamiento Recurrente en condiciones de fuego vivo y a presión a bomberos aeronáuticos. (new)	Aerodromes	Spanish	1 week
21	Trinidad and Tobago	Trinidad and Tobago Civil Aviation Authority - Civil Aviation Training Centre	Threat and Error Management in Air Traffic Control	ANS	English	1 week
22		Trinidad and Tobago Civil Aviation Authority - Civil Aviation Training Centre	Supervisor Competencies (new)	AVM - Aviation Management	English	1 week
23	United States	Federal Aviation Administration (FAA) Academy	Runway Incursion Prevention	Aerodromes	English	1 week
24	Barbados	The Barbados Civil Aviation Training Centre (BCATC)	ATC Team Resource Management (TRM) and Safety	ANS	English	1 week

**APPENDIX C**  
**COURSES UNDER DEVELOPMENT BY TPP MEMBERS IN NACC**

No.	Country	Centre	STP Title	Area	Language	Course Duration
1	Canada	The ASI Institute, a division of Aviation Strategies International	Cyber Security Attack and IT Failure Recovery Management	Aerodromes	English	1 week
2	Dominican Republic	Academia Superior de Ciencias Aeronáuticas (ASCA)	Gestión de implementación de la PBN (Management implementation GNP)	Air Navigation Services	Spanish	1 week
3	Cuba	Centro de Adiestramiento de la Aviación (CAA)	Factores humanos en el mantenimiento e inspección de aeronaves. (Human Factors in aircraft maintenance and inspection.)	Flight Safety and Safety Management	Spanish	1 week
4	Mexico	Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares (CIIASA) - Ingeniero Roberto Kobeh González	Proceso de certificación de aeródromos: Fundamentos (Aerodrome certification process: Fundamentals)	Aerodromes	Spanish	1 week
5	Jamaica	Civil Aviation Authority Training Institute (CAATI)	Check Airman SOPs For Licence holders	Flight Safety and Safety Management	English	1 week
6		Civil Aviation Authority Training Institute (CAATI)	Staff Security Responsibility in Aviation Facilities	Security and facilitation	English	1 week
7	Trinidad and Tobago	Trinidad and Tobago Civil Aviation Authority - Civil Aviation Training Centre	Dangerous Goods Awareness	Flight Safety and Safety Management	English	1 week

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