



**Agenda Item 4**

**Air Navigation Matters**

**4.2 Follow-up on the implementation of the NAM/CAR Regional Performance Based Air Navigation Plan (RPBANIP) in Eastern Caribbean**

**AIR NAVIGATION TRAINING AND HUMAN FACTORS**

(Presented by the Secretariat)

**SUMMARY**

This information paper presents a follow-up on the training activities that entails the ICAO initiative on the Next Generation of Aviation Professionals (NGAP), ICAO Civil Aviation Training Policy and TRAINAIR *Plus* Programme as elements to be considered for the development of national aviation training plans and the regional activities to guide CAR States in the development of their aviation training programmes.

**References:**

- EB 2012/59, Schedule of the Next Generation of Aviation Professionals (NGAP) and TRAINAIR *Plus* Programme (TRAINAIR *Plus*) Regional Symposia, 10 December 2012
- Fifth Regional Symposium on the Next Generation of Aviation Professionals (NGAP) and TRAINAIR *Plus* -- The Americas, Montego Bay, Jamaica, 5 to 7 February 2013
- State Letter Ref. EMX0382, NS 2-21, dated 17 May 2013, on the First Meeting of Civil Aviation Training Centres in the NAM/CAR Regions (NAM/CAR/CATC/1)

**Strategic Objectives**

*This information paper is related to Strategic Objectives:*

- A. Safety – Enhance global civil aviation safety*
- B. Security – Enhance global civil aviation security*
- C. Environmental Protection and Sustainable Development of Air Transport*

**1. Introduction**

1.1 Based on the results of USOAP audits, many findings are related to insufficient qualified personnel with experience and adequate training and to inadequate certification/license system for authorities that regulate and monitor the performance of service providers, making evident the need and priority to work on this aspect by the States.

## **2. Next Generation Aviation Professionals (NGAP)**

2.1 Due to these circumstances, ICAO launched the Next Generation of Aviation Professional (NGAP) initiative, which seeks to ensure that there are sufficient competent and qualified aviation professionals to operate, manage and maintain the future international air transport system.

## **3. ICAO TRAINAIR *Plus* Programme**

3.1 ICAO informed through its Electronic Bulletin EB 2010/45 dated 6 October 2010, on a thorough review of the TRAINAIR Programme in which the new upgraded programme was released, which is called TRAINAIR *Plus*.

3.2 The new TRAINAIR *Plus* Programme includes a significantly revised course development methodology, a new approach to the guidance material sharing network and a self-sustaining budgetary mechanism. The new changes to the programme are in line with the ICAO training policy and NGAP initiatives (EB 2010/40).

3.3 The Training Centres ASCA (Dominican Republic), CIASA (Mexico), CAA (Cuba), CAATI (Jamaica) and ICCAE (COCESNA) have already obtained their membership certification as the TRAINAIR *Plus* full members.

## **4. Guidance material on Staff training progress and 2012 Training related activities**

4.1 Regardless of the existence of the ICAO *Training Manual* (Doc 7192), in 2011, ICAO published the first edition of Doc 7192, Part E-2 — *Air Traffic Safety Electronics Personnel (ATSEP)*, which provides a good description of the skills and training for technical staff. In other parts of this document there are similar guidelines for the staff of MET and flight dispatchers. Moreover, ICAO Circular 323 – *Guidelines for Aviation English Training Programmes* seeks to lay down a set of principles for best practices and guidelines by which any aviation English training can be assessed. These guidelines were based on the expertise and experience of the Board and members of the International Civil Aviation English Associations (ICAEA).

4.2 Doc 9995 *Manual of Evidence-based Training (EBT)* (Draft, 2012) is intended to provide guidance to Civil Aviation Authorities, operators and approved training organizations in the recurrent assessment and training of pilots referred to in Annex 6 – Operation of Aircraft, Part I, International Commercial Air Transport – Aeroplanes, paragraphs 9.3, Flight crew member training programmes, and 9.4.4, Pilot proficiency checks.

4.3 The aim of Doc 9995 is to identify, develop and evaluate the competencies required to operate safely, effectively and efficiently in a commercial air transport environment whilst addressing the most relevant threats according to evidence collected in accidents, incidents, flight operations and training. This document is intended to enable the implementation of more effective training to improve safety. Additionally, and recognizing the criticality of competent instructors in any training programme, the manual provides specific additional guidance on the required qualifications of instructors delivering EBT.

4.4 The promotion of the NGAP initiative at a regional level has been carried-out through four regional conferences in 2011 which were held in the Republic of Korea, Morocco, Rumania, and Ecuador.

4.5 The TRAINAIR *Plus* Global Symposium was carried out in Singapore in 2012 and the information is available on the following website: <http://www.icao.int/safety/TrainairPlus/Pages/TRAINAIR-PLUS-Global-Symposium-2012.aspx>.

4.6 In 2013, with the assistance of member States, ICAO will convene regional symposia which will be hosted by civil aviation administrations as well as TRAINAIR *Plus* members. **Appendix A** to this paper includes the Electronic Bulletin EB 2012/59 with information on the forthcoming symposia. The symposium corresponding to the CAR Region was held in Montego Bay, Jamaica from 5 to 7 February 2013. The next events will be at:

- a) Indonesia: 23 to 25 April 2013
- b) Turkey: 17 to 19 June 2013
- c) South Africa: 10 to 12 December 2013

4.7 The objectives of these regional symposia are to:

- a) offer an international forum to exchange best practices and acquired experiences in aeronautical training and to inform participants on the latest trends, techniques and tools currently available in aviation training worldwide, including ICAO's.
- b) provide a forum for TRAINAIR *Plus* members to communicate;
- c) establish effective international communication liaisons in the training field between ICAO and States, training organizations, regional organizations, operators and the industry; and
- d) reach out to the next generation of aviation professionals: open a discussion link between ICAO, the aviation community and students in order to accomplish that NGAP dissemination initiatives become focused and better guided.

4.8 Each conference lasts three days. The first two days focus on global and regional initiatives. The third day is devoted to the new TRAINAIR *Plus* programme and also an interactive workshop with students and organized visits by the host organization.

4.9 All stakeholders in the transport system (civil aviation authorities, international organizations, airlines, operators, maintenance centers, airports, air transport service providers, training centers, manufacturers, etc.) benefit from these events. These symposia have been free of charge. Information related to TRAINAIR *Plus* events is available at <http://www.icao.int/safety/TrainairPlus/Pages/Upcoming-Events.aspx>.

4.10 CAR Region Training Centers have previously participated in meetings of Directors of Civil Aviation Training Centers convened by the ICAO SAM Regional Office. Considering the training needs in the CAR Region and the development of the Regional Training Plan, the CAR Region CATCs requested ICAO to convene the First Meeting of Civil Aviation Training Centres in the NAM/CAR Regions (NAM/CAR/CATC/1) at the ICAO NACC Regional Office, Mexico City, Mexico, from 27 to 30 August 2013. The agenda for the NAM/CAR/CATC/1 Meeting is included in **Appendix B** to this paper.

4.11 Directors of regional and national Civil Aviation Training Centres of States and Territories of the ICAO CAR Region are expected to attend this Meeting. The purpose will be to review the progress achieved with training and human resources planning and development through the Next Generation Aviation Professionals (NGAP) Task Force and TRAINAIR Plus Programme.

## **5. Action Required**

5.1 Eastern Caribbean States are to:

- a) take note and monitor the development of the NGAP initiative and the TRAINAIR *PLUS* Programme;
- b) consider within the national human resource planning the results and current activities of the NGAP Task Force as well as the guidance material available from ICAO and other regional guidelines related to the generation of competencies and training; and
- c) attend the First Meeting of Civil Aviation Training Centres in the NAM/CAR Regions (NAM/CAR/CATC/1) which will be held at the ICAO NACC Regional Office, Mexico City, Mexico, from 27 to 30 August 2013.

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**International Civil Aviation Organization****ELECTRONIC BULLETIN**

For information only

EB 2012/59

10 December 2012

**SCHEDULE OF THE NEXT GENERATION OF AVIATION PROFESSIONALS (NGAP) AND TRAINAIR PLUS PROGRAMME (TRAINAIR PLUS) REGIONAL SYMPOSIA**

1. In 2013, ICAO, with the cooperation of Member States, will organize regional symposia which will be generously hosted by civil aviation authorities and TRAINAIR PLUS members. A list of the planned symposia is presented in the attachment.
2. The regional symposia will build on the success of the Next Generation of Aviation Professionals (NGAP) and TRAINAIR PLUS Regional Conferences, held in 2011, and the first TRAINAIR PLUS Global Symposium held in Singapore in 2012. At these events, stakeholders of the air transport system (civil aviation authorities (CAAs), international organizations, operators, maintenance organizations, airports, air traffic services providers, training centres and manufacturers) met and exchanged views, best practices and experiences which provided a clear view on future developments in aviation safety training, NGAP issues and the TRAINAIR PLUS Programme.
3. The conduct of the regional symposia will be beneficial for participants from the civil aviation authorities to meet with the industry on training matters. It will provide all stakeholders with a platform for communication and exchange and will allow them to learn about the most up-to-date training technologies and products and to grasp some of the regulatory challenges the industry faces.
4. The events will be free of charge to encourage a large participation. Information related to the symposia, including on-line registration, programme, venue location and all other relevant details is available at <http://www.icao.int/safety/TrainairPlus/Pages/default.aspx>. The website will be regularly updated to provide the latest information on those events. Regional Offices will issue invitation letters for those States to which they are accredited.

**Enclosure:**

List of the planned regional symposia in 2013

Issued under the authority of the Secretary General
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**ATTACHMENT to EB 2012/59**

**LIST OF THE PLANNED REGIONAL SYMPOSIA IN 2013**

1. Jamaica, hosted by the Civil Aviation Authority, from 5 to 7 February 2013.
2. Indonesia, hosted by the Air Transportation Human Resources Development Centre, from 23 to 25 April 2013.
3. Turkey, hosted by the Turkish Aviation Academy, from 17 to 19 June 2013.
4. South Africa, hosted by the Air Traffic and Navigation Services, from 10 to 12 December 2013.

The objectives of these symposia are to:

- a) provide an international forum to exchange best practices and experiences in aviation training and notify participants of the latest trends, techniques and tools currently available in aviation training worldwide, including those of ICAO;
- b) provide the TRAINAIR *PLUS* members with a platform for communication;
- c) establish effective communication links at an international level in the field of training between ICAO and States, training organizations, regional organizations, operators and the industry; and
- d) reach out to the next generation of aviation professionals: open a discussion between ICAO, the aviation community and students in order to target and better direct NGAP outreach initiatives.

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**APPENDIX B**

**First Meeting of Civil Aviation Training Centres in the NAM/CAR Regions  
(NAM/CAR/CATC/1)**

ICAO NACC Regional Office, Mexico City, México, 27 to 30 August 2013

**PROVISIONAL AGENDA**

- Agenda Item 1            Follow-up on ICAO Training and Human Resources Activities**
- 1.1    TRAINAIR Plus training programme
  - 1.2    Next Generation Aviation Professionals (NGAP) programme
  - 1.3    ICAO NACC Regional Office role in the planning and implementation of training programmes in the CAR Region
- Agenda Item 2            Civil Aviation Training Centre (CATC) Network in the CAR Region**
- 2.1    Establishment of a Civil Aviation Training Centre Network in the CAR Region
  - 2.2    Regional coordination and cooperation among CATCs in the CAR Region
- Agenda Item 3            Analysis of Courses Offered in Each CATC in the CAR Region**
- 3.1    Training Programme exchange and collaboration among CATCs
  - 3.2    Identification and analysis of training needs in the CAR Region
  - 3.3    Air navigation training development
  - 3.4    Dissemination of CATCs and their offered instruction
- Agenda Item 4            Preparation of Course Instructors and Designers in the CAR Region**
- 4.1    Competency assessment for courses taught at CATCs
  - 4.2    CATC instructor preparation workshops
- Agenda Item 5            Terms and Reference (ToRs) and Work Programme of the NAM/CAR/CATC**
- Agenda Item 6            Other business**

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