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WORKING PAPER

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Sixth NAM/CAR Civil Aviation Training Centres Working Group Meeting (NAM/CAR/CATC/WG/6)

ICAO NACC Regional Office, Mexico City, Mexico, 22 to 24 November 2022

- Agenda Item 4: Training Programmes, Facilities and Development of Training Centres**
- 4.1 State Training Needs**
 - 4.2 Regional Training Solutions**
 - 4.3 Sharing of experiences on overcoming limitations presented by the COVID-19 Pandemic**
 - 4.4 ICAO in-kind support for events offering fellowships to the NAM/CAR Regions States**

PRODUCTIVE ARTICULATION OF TRAINING CENTRES IN THE CAR REGION

(Presented by the Rapporteur)

EXECUTIVE SUMMARY

This working paper presents the need to develop guiding principles to implement a collaborative work platform between the different CATCs of the CAR region, to improve the provision of aeronautical training in accordance with technological evolution, the demand for specialized technical training; as well as the optimization and development of resources and installed capacity in each country.

Action:

Request this Working Group:

- a) To share information that allows:
 - Identifying installed capacities in the different CATCs of the CAR region.
 - Defining the training that can be developed collaboratively between the CATCs.
 - Defining collaborative work agreements between CATCs to use the installed capacities.
 - Defining mechanisms to develop civil aviation professionals as TRAINAIR PLUS instructors for the delivery of ITPs.
- b) Prepare a roadmap for the progressive implementation of a collaborative work scheme between CATCs in the region.

<i>Strategic Objectives:</i>	<ul style="list-style-type: none"> • Safety • Air Navigation Capacity and Efficiency • Security & Facilitation • Economic Development of Air Transport • Environmental Protection
<i>References:</i>	<ul style="list-style-type: none"> • Convention on International Civil Aviation (Doc 7300) • Doc 9750-AN/963, Global Air Navigation Plan 2016-2030 • AIRBUS: Global Market Forecast 2019 – 2038. Published at: https://www.airbus.com/en/products-services/commercial-aircraft/market/global-market-forecast • COMAC releases Market Forecast Report (2021-2040). Posted at: http://english.comac.cc/news/latest/202111/01/t20211101_7330736.shtml

1. Introduction

1.1 The Member States of the CAR Region, with a clear vision of the future in complying with their commitments and obligations, contracted as signatories of the Convention on International Civil Aviation (Chicago, 1944) and the challenges that arise to achieve integral and sustainable development of talent of the aeronautical sector within the framework of a new reality, observe the need to analyse and define an aeronautical training management model based on a regional integration and cooperation approach to form a consistent, comprehensive, methodical proposal for training and development of the specialized technical skills of professionals, generating qualified, sufficient and timely labour, promoting their incorporation into the productive sector with the necessary skills.

1.2 In this sense, this Working Paper aims to promote the establishment of a pertinent space for the coherent exercise of reflection in relation to the analysis of challenges and prospective, which reaffirms the need to articulate efforts between the different CATCs of the region that intervene in the promotion of the integral and sustainable development of Human Talent for the Aeronautical Sector.

2. Background

2.1 Facing the present and future scenario of air transport and the new operational safety requirements; as well as the reality regarding the generational replacement of civil aviation professionals, require a significant effort and investment in resources by the Member States and Organizations, in terms of personnel training, improvements in infrastructure and technology.

2.2 Taking as a reference the analyses of the future behaviour, oriented to the growth of civil aviation between the years 2022 and 2041, of the companies Boeing, Airbus and Comac, everything indicates that the growth projections will demand qualified professionals in specialized areas.

3. General Description

3.1 It is evident that the current scheme of action of the different CIACs of the region will not allow meeting the training needs of professionals that the aeronautical industry will demand in the coming years, the reason is the way of work carried out for years it only seeks the individual development of the training centres.

3.2 In this sense, it is necessary to make a change of perspective towards the collaborative work of the training centres and organizations that develop the aeronautical industry in order to generate synergy based on an articulated training management system that integrates human and economic resources; as well as the installed capacity.

3.3 The foregoing will make it possible to establish value relationships that promote cooperation and competitiveness, avoiding duplication of efforts and underutilization of available resources.

4. Conclusions

4.1 Willingness and guidance regarding CATCs in the region are required for the development and implementation of the articulated instruction management system that integrates efforts, human and financial resources; as well as the installed capacity of institutions linked to the development of the aeronautical industry that impact the strengthening of regional training, allowing a greater number of trained people and an excellent cost-benefit ratio per participant and also highly specialized training in the region.

4.2 The training centres must establish strategic alliances to establish a collaborative work platform, in order to meet the projected demand for professionals without duplicating efforts or underutilizing resources.