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**Third NAM/CAR Civil Aviation Training Centres Working Group Meeting
(NAM/CAR/CATC/WG/3)**
ICAO NACC Regional Office, Mexico City, Mexico, 19 to 20 October 2016

**Agenda Item 4: NAM/CAR Regional Civil Aviation Training Centre (CATC) Network
4.1 Standardization of Training Packages**

STANDARDIZATION OF TRAINING CENTRES

(Presented by COCESNA)

EXECUTIVE SUMMARY	
This Working Paper presents the need and importance of achieving standardization of aviation personnel training programmes of a regional/international nature.	
Action:	Refer to Section 4.
Strategic Objectives:	<ul style="list-style-type: none">• Safety• Air Navigation Capacity and Efficiency• Security & Facilitation• Economic Development of Air Transport• Environmental Protection

1. Introduction

1.1 Air navigation operational system considers a scheme of infrastructure, facilitation, equipment, systems and human resources, which collectively seek a safe, regular and efficient air transport. In this regard, the human element has the greatest influence, in view that they eventually ensure the safe performance of aviation operations.

1.2 Operational efficiency of the human element in the development of its duties is based on the definition of clear procedures and standards, as well as criteria of their initial training and updating training.

1.3 The global trade is an increasing provision of a standardized training in order to ensure consistency and compliance with recommended standards.

1.4 Consequently, this paper addresses the convenience and benefits of assuming standardization of training programmes through the collaboration of Training Centres and of taking better advantage of the strengths of each one of them in specific fields.

2. Background

2.1 Training has increasing importance, especially in an environment as complex and dynamic as the air transport industry, where continuing and comprehensive training is required. The global trend is to increasingly provide a standardized-based training using efficient methodologies, both for preparation and for development of the courses, which are therefore to be provided in recognized centres by pertinent instances.

2.2 Since its inception, the Central American Aviation Institute (*Instituto Centroamericano de Capacitación Aeronáutica*), formerly ECAA, was constituted as a regional platform and it is the only training centre in Latin America focused on meeting training needs of over one organization and of several States.

2.3 ICCAE provides training programmes homologated for the various regional entities, developed basically based on ICAO standards. This allows uniformity concerning training of human capital in the region, providing consistency among the performance needs and the provided training,, under a competences training approach.

2.4 It is possible to extrapolate this ICCAE experience, assuming standardization of training programmes at an international level where applicable.

3. Plan

3.1 Standardization of training programmes is translated in multiple benefits, as it increases the performance level of personnel under competence requirements and the possibility of incidents falls due to differences in the application of procedures and terminologies.

3.2 Concerning the aviation field, most of staff training programmes are designed for requirements based on regional or international regulations, and therefore may be addressed with standardized training that may even be recognized in different countries, being provided by a specific Training Centre.

3.3 Even when in many cases Training Centres meet a wide range of training requirements in different areas, they are more specialized in some of them, due to the equipment they possess, the expertise of their training staff, or the nature of their creation and development.

3.4 In order to facilitate standardization of programme, strengths of the Training Centres on specific areas should be exploited, assuming the work of designing or reviewing existing programmes, be it independently or through the joint work of several centres.

3.5 In order to ensure consistency with the training by competences approach, and therefore that training programmes be oriented to meeting performance needs, Catalogues on competences by job post may be created, based on which the standardization of such programmes would be built.

3.6 Likewise, a mechanism should be created to facilitate the exchange of said standardized programmes, in order to achieve, as final objective, that aviation personnel obtain equivalent training regardless of the Training Centre that provides it.

3.7 It is very important to have standardized training programmes, as they:

- a) ensure compliance with equivalent training level for aviation personnel in different countries, based on ICAO regulations.
- b) prepare personnel in a uniform manner, with training oriented to competence results;
- c) eliminate duplication of the efforts of Training Centres when designing programmes.
- d) optimize resources invested on training.

4. Suggested Action

The Meeting is invited to:

- a) bear in mind the information presented in this paper for analysis;
- b) discuss the mentioned points in order to validate if this proposal is valid and the more suitable manner to address aspects related to the definition of the programmes to standardize; and
- c) assess the feasibility of creating competence catalogues for aviation posts of common interest and the coordination and collaboration mechanism of Training Centres for the design and development of courses of an international nature.