



**Agenda Item 4: Preparation of Course Instructors and Designers in the CAR Region**  
**4.1 Competency assessment for courses taught at CATCs**

**PREPARATION OF GUIDANCE MATERIAL ON A REGIONAL BASIS**

(Presented by COCESNA/ICCAE)

**SUMMARY**

In order to continue on an upward trend with the courses preparation work, the *Instituto Centroamericano de Capacitación Aeronáutica* proposes in this working paper to explore the possibility of establishing a mechanism through the CATC-CAR Group, to coordinate the development of conventional training material and/or standardized areas identified by ICAO as priority and depending on the capabilities, experience and expertise of different CATC's that comprise it.

**Strategic Objectives**

*This working 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 International support has been a key factor in the development of civil aviation in different ICAO regions, particularly in the case of training; the new TRAINAIR *Plus* Programme has played a leading role so a significant number of aeronautical training centres in Latin America be part of this programme.

1.2 Also, given the obvious need to meet requirements of conventional or standardized courses on a regional platform, participant CATCs could significantly contribute in the development of new STPs, since they have the organization and trained personnel for this task; however, the reality is that this implies requiring a number of resources, particularly bud which limits most of them.

1.3 In this regard, with the purpose of continuing on an upward trend with the preparation of courses, the *Instituto Centroamericano de Capacitación Aeronáutica (ICCAE)* proposes in this working paper to explore the possibility of establishing a mechanism through the CATC-CAR Group, to coordinate the development of conventional and standardized training materials in the areas identified as a priority by ICAO, within which the CATCs would determine developing based on their competitive advantages with a complementarity approach.

## **2. Considerations**

2.1 The diverse planning efforts promoted by ICAO, either to implement new technology (CNS/ATM), as well as all aspects related with the safety programme, both based on adequate training of personnel, and in that context it is expected that the basic premise would be to encourage the development of new training materials, not only from a perspective or from a national need as it has been traditionally, but rather in light of this prioritization.

2.2 To optimize resources, it is necessary that the thematic areas addressed by the courses have significant applicability, both by the amount of people that will be addressed (target population), as by its utility/applicability in other States, which could be guaranteed based on needs identified on a regional basis.

## **3. Approach**

3.1 The proposal presented above is geared towards enhancing the development of training material and to streamline this aspect into the CATC-CAR group, setting the appropriate mechanism for coordination and cooperation between the participating training centres. The approach is developed in the following paragraphs.

3.2 The role of the ICAO NACC Regional Office would consist in the international coordination to define and address critical areas identified by the highest governing civil aviation. The corresponding issues could be registered in a database, with its corresponding prioritization.

3.3 The NACC Office will define which action would be submitted to CATCs contest, in accordance to priorities and therefore, each center should demonstrate its technical capacity to prepare, adapt or improve training materials, according to TRAINAIR *Plus* methodology including the course preparation team, expertise in the field, support staff, space and equipment facilities, as well as their experience in the correspondent training field. If consider appropriate, ICAO could allow initiatives to prepare training material for two or more centres.

3.4 The second element of this proposal is the cooperation/coordination between the CATCs, since even when schools provide instruction in various areas, usually they have particular expertise and experience in one of them. The development of strengths within each center could allow preparation of joint projects, avoiding at the same time duplication of efforts and resources.

3.5 This proposal would bring advantages such as:

- Economics: To carry out joint courses would reduce the investment required in terms of direct and indirect costs that this implies, and on the other hand, reduces the cost of field research.
- Logistical aspects: The responsibility for resources is shared, so that the individual burden is lower.
- Aspects of quality: to carry out courses as proposed could respond to a broader platform, since they will be based in training and can be applied in centres of the participating States, as well as enabling their adaptation.

3.6 In a complementary manner, based on the centres competency and the complexity of the course, joint preparation can be improved, fostering cooperation and integration of CATC-CAR group members, as well as preparing shorter term courses.

3.7 For the effectiveness of this initiative, coordination efforts, assistance and feedback need to be increased, highlighting the TRAINAIR *Plus* Programme and the NACC Regional Office leading role.

#### **4. Suggested action**

4.1 The meeting is invited to take note of the information presented in this working paper for corresponding analysis and:

- a) define the mechanism to identify critical/priority initiatives in the industry and in training programmes which can be solved on a regional platform;
- b) define the framework for the joint preparation process of conventional training materials, to guide them individually or jointly in preparing new courses.