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**Sixth Meeting of the North American, Central American and Caribbean Directors of Civil Aviation  
(NACC/DCA/06)**

Nassau, Bahamas, 10-12 May 2016

**Agenda Item 5: ICAO Aviation Training  
5.1 ICAO Global Aviation Training**

**ACADEMIA SUPERIOR DE CIENCIAS AERONAUTICAS: ACTIVITIES AND INITIATIVES TOWARDS THE  
COLLABORATION BETWEEN STATES**

(Presented by Dominican Republic)

**EXECUTIVE SUMMARY**

Academia Superior de Ciencias Aeronáuticas (ASCA), certified Regional Training Centre of Excellence (RTCE) by the International Civil Aviation Organization (ICAO) is active giving support to ICAO Projects and Initiatives for the development and planning of Next Generation of Aviation Professionals (NGAP) activities in the Region, as well as promotes collaboration with States thru strategic alliances training and technical assistance.

*Strategic  
Objectives:*

- Safety
- Air Navigation Capacity and Efficiency
- Security & Facilitation
- Economic Development of Air Transport
- Environmental Protection

**1. Introduction**

**1.1** ASCA has achieved great leadership and national and international recognition due to the quality education offered and for continued contribution to the Aviation Community through different projects sponsored by the Organization International Civil Aviation Organization (ICAO).

**1.2** ASCA as part of the Dominican Institute of Civil Aviation (IDAC) is committed to collaboration between States and constantly works to expand strategic partnerships to facilitate training of technicians with the required competences to perform the delicate tasks required by aeronautical activity.

## **2. Analysis**

### **2.1 ASCA: Regional Training Centre of Excellence (RTCE).**

**2.1.1** Academia Superior de Ciencias Aeronáuticas (ASCA), was certified as Regional Training Centre of Excellence (RTCE) by the International Civil Aviation Organization (ICAO) in authorized areas of air navigation services, safety and safety management. ASCA became the first center to receive this important certification in America.

**2.1.2** ASCA became part of select group of centres that prepare standardized training for ICAO and which will be shared globally for improvement and implementation of development projects for global aviation.

### **2.2 ASCA Initiatives of Collaboration between States.**

#### **2.2.1 Experiences in Training for Countries of the Region.**

**2.2.1.1** ASCA has trained participants from different countries in the region such as Haiti, Cuba, Panama, Jamaica, Venezuela, Brazil, Ecuador, Costa Rica, among others, in different specialized Continuing Education courses designed by ASCA.

**2.2.1.2** The feedback from States regarding the quality of instruction that provides ASCA has been very positive so ASCA continues the promotion of training activities and making approach with different countries to continue training for staff in the Region.

#### **2.2.2 Experience in Training Technical Assistance for Internship of Best Practices.**

**2.2.2.1** ASCA has collaborated with countries of the Region with Technical Assistance and through the exchange of best practices in training and capacity, such as Chile, Jamaica, Costa Rica, Cuba, Haiti, Panama, among others.

**2.2.2.2** ASCA performs coordination with countries to exchange knowledge and expertise in the development of programs.

#### **2.2.3 Collaboration Agreements with Countries of the Region.**

**2.2.3.1** ASCA prepares Training Proposals tailored to the needs of States, which develops a high level of guidance to the activities of each country, which includes technical visits to facilities to optimize instruction and further raise levels of competence of technicians.

**2.2.3.2** IDAC thru ASCA has signed Training Partnership Agreements with countries in the region such as Haiti, Panama, Jamaica and Cuba, especially in Air Traffic Control Programs, where the participants obtain personalized theory and practice in Aerodrome and Radar Simulators, with advanced technology and specialized instructors. These trainings could be prepared with the exclusive Airspace Scenario of each country that guarantees a best performance of the students.

**2.2.3.3** A new agreement initialized with Cuba for cooperation, mutual support and advice on matters of common interest in order to work together with the constant changes and developments surrounding the aspects of training and continuing education.

**2.2.3.4** ASCA continue with the promotion of the formalization of agreements with other States of the Region to expand the exchange.

### **2.3 Participation of ASCA at Second 2nd Next Generation of Aviation Professionals (NGAP) Symposium held in Montreal.**

**2.3.1** ASCA had a special participation in the Second Symposium of the New Generation of Aviation Professionals held in Montreal, where specialists from different areas made expositions in order to exchange information about best practices and training tools to prepare the current and future generation of aviation professionals.

**2.3.2** ASCA was sharing the best practices implemented in benefit of current and future aviation professionals at the panel “How Can Human Resources prepare current and future generations to be successful”. As well the promotion of technical training and collaboration between States performed by ASCA.

**2.3.3** Given the important role of ASCA as Regional Training Centre, was commissioned to join the NGAP Working Group NGAP on behalf of the Region.

### **2.4 Participation of ASCA at NAM/CAR Civil Aviation Training Centres Working Group Meetings.**

**2.4.1** ASCA works together with Civil Aviation Training Centres with the harmonization and standardization of training programmes.

**2.4.2** ASCA is committed to continue active collaboration with the Working Group NAM / CAR of Training Centres of Civil Aviation in order to contribute in the development of Region priorities related to training of present and future generation of aviation professionals.

### **2.5 Participation of ASCA at the ICAO Global Aviation Training & TRAINAIR PLUS Symposium, held in Dublin.**

**2.5.1** ASCA in coordination with Civil Aviation Training Centres discussed the challenges and opportunities facing the development of human resources.

**2.5.2** ASCA together with Civil Aviation Training Centres are in continuous process of improvement facing the evolution of technology training in the field of civil aviation.

### **2.6 Participation of ASCA at ICAO Regional Symposium Aeronautical Training and TRAINAIR Plus held in Port of Spain, Trinidad and Tobago, in 2015.**

**2.6.1** ASCA participated in the Panel “Post Training Performance Evaluation and Return on Investment in Training” providing an approach measuring the impact of training for the institutions.

2.6.2 ASCA raised at the last Assembly No. 38 of the International Civil Aviation Organization (ICAO) a proposal for implementation of a measurement system and effective feedback on the impact of the training provided by the TRAINAIR Plus methodology, which had a great reception by States.

2.6.3 Based on this proposal, ASCA has developed methods and techniques that will allow measuring the performance of staff and the return of investment after the training.

**2.7 Regional Partnerships with International Air Transport Association (IATA) and Federal Aviation Administration (FAA) and Services and Studies for Air Navigation and Aeronautical Safety (SENASA) to provide training in ASCA facilities and offer more training to countries of the Region.**

**2.7.1** ASCA signed Regional Partnership with International Air Transport Association (IATA), with Federal Aviation Administration (FAA) and with Services and Studies for Air Navigation and Aeronautical Safety (SENASA).

**2.7.2** Through these partnerships the Region has more opportunities and cost savings due to strategic geographical position of the Dominican Republic.

**2.7.3** Countries such as Curacao, Bermuda, Jamaica, Haiti, Costa Rica, Colombia and Cuba have participated in these programs through these positive partnerships.

**3. Conclusion**

**3.1** Academia Superior de Ciencias Aeronauticas has been strengthened of transcendently way by expanding the range of services for the entire aviation community with the provision of training and the development of high level training programs under the TRAINAIR PLUS Methodology.

**3.2** ASCA is committed with the continuous collaboration with the States in benefit of the present and future generation of aviation professionals.