



**International Civil Aviation Organization
UNDP/ICAO Regional Project RLA/98/003
Transition to CNS/ATM Systems in the CAR and SAM Regions**

**Tenth Meeting/Workshop of ATM Authorities and Planners
of the CAR/SAM Regions (AP/ATM/10)**

(Lima, Perú, from 10 to 14 May 2005)

**Agenda Item 1: Review of the RNAV Routes Implementation Programme in the
CAR/SAM Regions**

**Establishing adequate and harmonized minimum enroute altitudes
for the RNAV Routes network of CAR/SAM Regions**

(Presented by Dominican Republic)

Summary

This Working paper has the purpose to point out the importance of establishing adequately and harmonized minimum enroute altitudes for the RNAV Route network of CAR/SMA Regions to benefit users of international civil aviation

1 Introduction

1.1 In order to comply regional agreements of the Twelve GREPECAS meeting held in La Havana, Cuba, for the implementation of RNAV Routes, Dominican Republic published the related ATS routes correspondent to the Phase II-a of the *Guidance Material for the RNAV Routes Network Implementation in the CAR/SAM Regions*.

1.2 After thorough review of all RNAV Routes published on time by States, Territories and International Organizations of CAR/SAM Regions, was found that RNAV Route in both regions have same restrictions; lower altitude FL290 and higher altitude FL410.

2 Analysis

2.1 Based in the final report of the Twelve GREPECAS meeting Item 3 of the Agenda, mainly paragraph 3.2.2 regarding Report of the ATM Committee, "Strategy for RNAV Routes in CAR/SAM Regions for the Phase II" and Conclusion 12/7, related to the "Guidance Material for the RNAV Routes Network Implementation in the CAR/SAM Regions" attached in the Appendix B of the final report abovementioned, Dominican Republic considered that the mentioned restrictions have negative effect on air operations and ATS users, which even are RNAV equipment on board

do not can use these routes because they do not have RVSM certification. This situation avoids the use of optimum profile of flight for aircrafts flying on RNAV Routes with the most direct trajectories from departure airport - destination airport below FL290 and up FL 410.

2.2 Taking into consideration the necessity to provide good service through the use of best profiles of flight for ATS users, States/Territories/International Organizations of CAR/SAM Regions should establish direct routes in the entire higher airspace bringing great operational advantages for ATS providers and users, in regard to fuel burning, as well as the preservation of green global environment through gas reduction.

2.3 Once actually does not exist any operational restriction to establish in RNAV Routes lower minimum altitude below FL290 neither one up FL410, the DGAC of Dominican Republic has decided publish for all RNAV Routes within whole Santo Domingo FIR a minimum enroute altitude of FL 200 without superior restriction.

3 Action suggested

3.1 The meeting is invited to take note of the abovementioned information, the action taken by the DGAC of Dominican Republic and the States/Territories/International Organizations assume similar criteria to achieve harmonized application of minimum altitude for RNAV Routes network in CAR/SAM Regions.