



AP/ATM/6  
IP/01  
18/08/03

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

**Sixth Meeting/Workshop of ATM authorities and planners in the CAR/SAM Regions for RVSM,  
RNAV routes and RNP Implementation (AP/ATM/6 RVSM-RNAV-RNP)**

(San Jose, Costa Rica, 29 September to 3 October 2003)

**ICAO NOMENCLATURE:** N° 056 ATC PLN

**1. INTRODUCTION**

- 1.1 As part of the programme of activities approved by the Coordination Committee of the RLA/98/003 Regional Project, the sixth meeting/workshop of air traffic management (ATM) authorities and planners for RVSM, RNAV routes and RNP implementation in the CAR and SAM Regions has been foreseen to be held at Hotel Corobici, Sabana Norte next to Datsun Agency, San Jose, Costa Rica.

**2. OBJECTIVE**

- 2.1 During this meeting/workshop the following is foreseen:

- Continue with the assistance, coordinations and follow up actions of the RVSM Task Force and its respective Working Groups for the development of the Action Plan for RVSM implementation in the CAR/SAM Regions; and
- Continue with the work addressed to establish a CAR/SAM RNP Application Strategy, which is in charge of the RNAV/RNP Task Force.

Additionally, based on the formation of Ad-hoc Groups for a more detailed analysis:

- Evaluate the status of the coordinations carried out to include in the CAR/SAM Air Navigation Plan – Basic Vol. the RNAV routes proposed during the AP/ATM/5 Meeting/Workshop; and
- Continue with the assistance and follow-up of the activities related to RNP 10 Pre-operational Implementation Plan in the Santiago de Chile/Lima segment of routes UL 780 and UL 302.

### 3. CONTENTS

#### 3.1 Tentative agenda of the meeting and explanation:

##### **Agenda Item 1: Review of the RNAV routes Implementation Programme**

- a) The meeting will review the conclusions related to RNAV routes implementation adopted by previous meetings and, based on the formation of Ad-hoc Groups, evaluate the status of the coordinations to include in the CAR/SAM Air Navigation Plan – Basic Vol., the RNAV routes proposed during the AP/ATM/5 Meeting/workshop; and, if necessary,
- b) Will review and initially approve the RNAV routes Implementation Programme proposed to that effect, which will be furtherly proposed to the ATM Committee of the GREPECAS ATM/CNS Subgroup.

##### **Agenda Item 2: Action Plan for RNP Implementation in the CAR/SAM Regions**

- a) **Review of the Action Plan for RNP 10 Pre-Operational Implementation in parallel routes UL 780 and UL 302 in the Santiago de Chile-Lima segment**

The meeting will review the conclusions related with the Action Plan for RNP 10 pre-operational implementation in the mentioned routes adopted by previous meetings and will analyze, in an Ad-hoc Group, the actions carried out by the Administrations of Chile and Peru for RNP 10 Implementation in the Santiago de Chile-Lima segment of routes UL 780 and UL 302 and will make the necessary corrections to the Action Plan.

- b) **Review of the CAR/SAM RNP Application Strategy**

In this matter, the conclusions related to the CAR/SAM RNP Application Strategy adopted by previous meetings will be reviewed and an Action Plan for RNP Implementation in the CAR/SAM Regions will be defined, which will be proposed to the ATM Committee of the GREPECAS ATM/CNS Subgroup.

##### **Agenda Item 3: Review of the issues related with RVSM Implementation in the CAR/SAM Regions**

- a) **ATC Operations Working Group (ATC/WG)**
- b) **Aircraft Operation and Airworthiness Working Group (OPS/AIR/WG)**
- c) **Safety and Airspace Monitoring Working Group (SAM/WG)**
- d) **Review of the Task List for RVSM Implementation in the CAR/SAM Regions**

The meeting will review the conclusions related to RVSM adopted by previous meetings and the actions and results obtained by the above mentioned Working Groups according to the Task List for RVSM Implementation in the CAR/SAM Regions.

The meeting will also review and, if relevant, make the necessary updating to the Task List for RVSM Implementation in the CAR/SAM Regions.

**Agenda Item 4: Other matters**

The meeting could review other aspects that have not been considered in previous items related to the subject under analysis.

**4. DOCUMENTATION**

4.1 In addition to the Working and Information Papers to be presented, the documents required for the meeting/workshop are the following:

- a) Doc 8733 Air Navigation Plan – Caribbean and South American Regions.
- b) Doc 9613 Manual on required navigation performance (RNP).
- c) Doc 9574 Manual on the implementation of a minimum vertical separation of 300 m (1 000 ft) between FL 290 y FL 410 inclusive.
- d) Doc 9689 Manual on airspace planning methodology for the determination of separation minima.
- e) Doc 7030 Regional Supplementary Procedures.
- f) Bilateral operational letters of agreement.
- g) Report of GREPECAS 10 and GREPECAS 11 Meetings.
- h) Report of the ATM/CNS/SG/2 Meeting.
- i) Reports of the AP/ATM/4 and AP/ATM/5 Meetings.
- j) Reports of the RVSM/TF/1; RVSM/TF/2 and RVSM/TF/3.
- k) Guidance Material on the Implementation of A 300 M (1 000 ft) vertical separation minimum (VSM) between FL 290 and FL 410 inclusive for application in the airspace of the Caribbean and South American Regions.
- l) CAR/SAM RVSM Concept of Operations (CONOPS).
- m) ATC Guidance Manual for RVSM Training in the CAR/SAM Regions.
- n) Guidance Material for the elaboration of a National Programme for the Implementation and Operation of the 300 M (1 000 ft) Reduced Vertical Separation Minimum between FL 290 and FL 410 (RVSM).

**5. PLACE, DATES AND SCHEDULE**

5.1 The Sixth meeting/workshop will be held at Hotel Corobicí, next to Datsun Agency, San José, Costa Rica, from 29 September to 3 October 2003, from 08:00 to 16:00 hours.

## 6. TEMPERATURE

- 6.1 Temperature in San Jose during the months of September and October usually varies between 18° and 28° C, the weather is rainy and the average humidity is between 75% and 80%. More information about Costa Rica can be found in the web site [www.visitcostarica.com](http://www.visitcostarica.com).

## 7. LANGUAGES

- 7.1 The event will be developed in Spanish and English, with simultaneous interpretation service.

## 8. WHO SHOULD ATTEND

- 8.1 It is required that the participants be:

1. Air Traffic Management (ATM) authorities and planners, directly involved in RVSM, RNAV routes and RNP planning and implementation, of the Civil Aviation Administrations and ATS Service Providers;
2. Officers and experts, directly involved in RVSM, RNAV routes and RNP planning and implementation;
3. Specialists in Operations and Airworthiness Regulations, directly involved in RVSM and RNP planning and implementation;
4. Managers, pilots, specialists in Operations and Airworthiness, flight dispatchers and maintenance personnel of commercial, general and military aviation operating in the CAR/SAM Regions.

## 9. REGISTRATION, LOCAL TRANSPORTATION AND ACCOMMODATION

- 9.1 Registration should be made by the ICAO Regional Office concerned to the area of accreditation of the requesting State or organism upon receiving their request through the submission, as soon as possible and in any event not later than 29 August 2003, of the personal data of each participant or, if it is the case, their duly completed ICAO fellowship nomination forms. Hotel reservations should be requested directly to the hotel of your election, mentioning your participation at the Sixth meeting/workshop of air traffic management (ATM) authorities and planners organized by ICAO. In case of communications problems with the hotels, kindly phone:

Dirección de Aviación Civil de Costa Rica, Departamento de Navegación Aérea  
Tel: (506) 231-49-24 y (506) 231-36-66, Ext. 128

- 9.2 Upon arriving at the Juan Santamaría International Airport, participants should use the airport official taxis service for transportation to their place of accommodation. Recommended hotels offer transportation to and from the Airport. The Traveller Inn Hotel requires the transportation request to include time and flight of arrival. Taxis services in the city, depending of the distance, cost between \$8 and \$12.

9.3 Suggested hotels and rates are as follows:

| Hotel                         | Address/Telephone/Fax   | Includes  | Rates  |
|-------------------------------|---|-----------|--|
| Hotel Corobici<br>****        | Sabana Norte next to Datsun Agency, San Jose, Costa Rica<br><br>e-mail: <a href="mailto:reservaciones@solmelia.co.cr">reservaciones@solmelia.co.cr</a><br><a href="http://www.solmelia.com">www.solmelia.com</a><br><br>Tel: (506) 220-03-51<br>Fax: (506) 231-56-98      | Breakfast | Single Room<br>US\$ 70.00<br><br>Double Room<br>US\$ 76.00 |
| Quality Hotel<br>Centro Colon | North side of Center Colon, San José, Costa Rica<br><br>e-mail: <a href="mailto:projas@colon.co.cr">projas@colon.co.cr</a> for reservations<br><a href="http://www.hotelcentrocolon.com">www.hotelcentrocolon.com</a><br><br>Tel: (506) 257-25-80<br>Fax: (506) 257-25-82 | Breakfast | Single Room<br>US\$64.00<br><br>Double Room<br>US\$64.00   |

**Note:** All these prices include 16.34% taxes.

10. REFERENCE

10.1 ICAO South American Regional Office  
P.O. Box 4127  
Lima 100, PERÚ  
Telephones: (511) 575-1646, 575-1477  
Fax: (511) 575-1479, 575-0974  
E-mail: [mail@lima.icao.int](mailto:mail@lima.icao.int)  
Página Web: [www.lima.icao.int](http://www.lima.icao.int)  
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11. **PASSPORT AND VISA REQUIREMENTS**

To enter the country, a passport is normally required, however, we suggest verifying at the Embassy or Consulate of Costa Rica on this requirement. From America, Colombia, Dominican Republic, Ecuador, Nicaragua and Peru require visa.

12. **MONEY EXCHANGE AND CREDIT CARDS**

The Costa Rica currency is the Colón. Actually, the exchange rate is equivalent to 402 colones per 1.00 US Dollar, estimating for October 408 colones per 1.00 US Dollar. Preferably, the exchange of money should be made in banks or authorized places. The following **international** credit cards are accepted: Visa, Master Card and American Express. Likewise, most stores and restaurants accept US dollars.

13. **HOSPITALS**

In case of any emergency, CIMA Hospital is recommended, telephone 208-10-00.

14. **ELECTRICITY**

110 Volts/50 to 60 Hz.

15. **AIRPORT TAX**

The airport tax is US\$26,00 dollars.

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