



AP/ATM/5
IP/01
07/04/03

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

**Fifth Meeting/workshop of Air Traffic Management (ATM) Authorities and
Planners for RVSM, RNAV routes and RNP implementation in the CAR and SAM Regions**

(Panama, Panama, 18 to 20 June 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 fifth 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 the Gran Salón Continental of Hotel Continental in Panama city, Republic of Panama.

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
- Evaluate the CAR/SAM RNP Application Strategy to be proposed by the RNAV/RNP Task Force.

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

- 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; and
- 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/4 Meeting/Workshop.

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, based on the formation of Ad-hoc Groups, the status of the coordinations to include in the CAR/SAM Air Navigation Plan – Basic Vol., the RNAV routes proposed during the AP/ATM/4 Meeting/workshop; and, if relevant,
- 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: 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 analyze, based on the formation of 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, if relevant, will make the necessary corrections to the Action Plan.

Agenda Item 3: Review of the CAR/SAM RNP Application Strategy

The meeting will analyze and, if relevant, will initially approve the CAR/SAM RNP Application Strategy proposed by the RNAV/RNP Task Force, which will be subsequently proposed to the ATM Committee of the GREPECAS ATM/CNS Subgroup.

Agenda Item 4: Review of the issues related with RVSM Implementation in the CAR/SAM Regions

- a) **ATC Operations Working Group (ATC/WG)**
- b) **Safety and Airspace Monitoring Working Group (SAM/WG)**
- c) **Aircraft Operation and Airworthiness Working Group (OPS/AIR/WG)**

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

- d) **Review of the Task List for RVSM Implementation in the CAR/SAM Regions**

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

Agenda Item 5: 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) Report of the AP/ATM/4 Meeting.
- 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).

5. PLACE, DATES AND SCHEDULE

5.1 The fifth meeting/workshop will be held at the Salón Continental of Hotel Continental, Ricardo Arias Street, Panama city, Panama, from 18 to 20 June 2003, from 08:00 to 16:30 hours.

6. TEMPERATURE

6.1 Temperature in Panama during the month of June usually varies between 24° and 31° C. The average humidity is 82%.

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 16 May 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 Fifth 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 Navegación Aérea (507) 232 556831
Balboa, Ancón , Panamá

Departamento de Tránsito Aéreo (507) 232 5238 y 232 8754

9.2 Upon arriving at the Tocumen International Airport, participants should use the airport official taxis service for transportation to their place of accommodation. Transportation will not be provided to and from accommodation places during the event. Taxis services in the city, depending of the distance, cost between B. 1.25 and B. 2.25 (Balboas).

9.3 Suggested hotels and rates are as follows:

Hotel	Address/Telephone/Fax	Includes	Rates
<p>El Panamá *****</p>	<p>Vía España 111. Tels: (507) 269 5000 (507) 223 1600 Fax: (507) 223 6080 E-mail: reservas@elpanama.com. Website: www.elpanama.com</p>	<p>American breakfast buffet.</p>	<p>Single bungalows 60.00 Double bungalows 65.00 Corporative floor single 70.00 Corporative floor double 80.00 Jr. Suite Single 115.00 Jr. Suite Double 120.00 Suite Single 210.00 Suite Double 210.00 (5.00 per additional person). Plus 10% of tourism tax.</p>
<p>Continental *****</p>	<p>Vía España and Calle Ricardo Arias Telephones: (507) 263-9999 (507) 265-5114 (507) 265-5115 (507) 263-5143 Reservations: reservas@hotelesriande.com</p>	<p>Breakfast buffet. Free local calls. Internet free.</p>	<p>Standard single room 60.00 Standard double room 60.00 Executive floor single 90.00 Executive floor double 90.00 Single suite 110.00 Double suite 110.00 Plus 10% of tourism tax.</p>

Hotel	Address/Telephone/Fax	Includes	Rates
Granada ****	Avenida Eusebio A. Morales No.14 Telephones: (507) 264-4900 (507) 269-1068 (507) 263-9787 Reservations: granada@hotelesriande.com	American breakfast buffet. Free local calls. Internet free.	Standard single room 40.00 Standard double room 45.00 Suite 70.00 Plus 10% of tourism tax.
Hotel Marbella	Street "D" El Cangrejo near the Cafeteria Manolo. Telephones: (507) 263-2220 Fax: (507) 263-3622	American breakfast	Single room 35.00. For two persons 42.50 Double room 40.00. For two persons 51.50. Plus 10% of hotel tax.
Montreal ***	Vía España and Justo Arosemena final. Telephones: (507) 263-4422 (507) 263-7236		Single room (bed) Regular price 20.00 (P/per groups 10.00) Double room (one double bed) Regular price 27.50 (P/per groups 20.00) Triple rooms (one ¾ bed and one double) regular price 30.00 (P/per groups 27.50) Triple rooms (three beds ¾) regular price 33.00 (P/per groups 27.50)

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
Página Web: www.lima.icao.int

Civil Aviation Authority (Albrook), Panama
Telephone: (507) 315-1622

Air Navigation Department (Balboa, Ancón, P. O. Box 5006), Panama
Telephone: (507) 232-5568/5531

Air Traffic Department, Panama
Telephone: (507) 232-5238

11. **PASSPORT AND VISA REQUIREMENTS**

To enter the country, a passport is normally required, however, we suggest verifying at the Embassy or Consulate of Panama on this requirement.

12. **MONEY EXCHANGE AND CREDIT CARDS**

The Panama currency is the Balboa, which is equivalent to 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 Balboas or US dollars.

13. **HOSPITALS**

In case of any emergency, please contact:

San Fernando Hospital	Located in Vía España at the end of the Sabana, behind the Sabana Mac Donalds Tel: 278-6300 (hospitalization) 278-6350/6360 (attention)
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Clínica Santa Fé	Located between Simón Bolívar and Frangipani avenues Tel.: 227-4733 (attention)
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14. **ELECTRICITY**

110 and 220 Volts.

15. **AIRPORT TAX**

The airport tax is 20.00 Balboas or US dollars.

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