



AP/ATM/10  
IP/01  
REVISION 2  
06/05/05

**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  
in the CAR/SAM Regions  
(AP/ATM/10)**

(Lima, Peru, 10 -14 May 2005)

**ICAO NOMENCLATURE:** N° 056 ATC PLN

**1. INTRODUCTION**

- 1.1 As part of the program of activities approved by the Coordination Committee of the RLA/98/003 Regional Project, the Tenth Meeting/Workshop of ATM authorities and planners in the CAR/SAM Regions (AP/ATM/10), will take place at the Doubletree El Pardo Hotel, Lima, Peru, from 10 to 14 May 2005.

**2. OBJECTIVE**

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

- Evaluate the implementation status of RNAV routes Phase II-a proposed in Amendment SAM S04/4 / ATM to the CAR/SAM Air Navigation Plan - Basic Vol.;
- Establish an Action Plan for the Implementation of RNAV routes Phase II-b approved by GREPECAS/12 meeting;
- Evaluate the aspects referred to the CAR/SAM RNAV Routes Implementation in the TMAs;
- Continue with the follow up and evaluation for the definite implementation of RNP 10 in the Santiago de Chile/Lima segment of UL780 and UL302 routes;
- Make the follow-up of RVSM Implementation in the NAM, CAR and SAM Regions and an initial post-implementation evaluation;
- Initiate the issues related to the ATM automation in the CAR/SAM regions; and
- Review the issues related to ATFM Implementation in the CAR/SAM Regions.

## CONTENTS

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

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

- a) Follow up of the status of Implementation Phase II-a**
- b) Review of the Action Plan of Phases II-b**
- c) RNAV Routes Implementation in the TMAs of the CAR/SAM Regions**

The meeting, based on the information provided by each Administration involved, will evaluate and take the pertinent actions and, also, through Ad-hoc Groups, could make an analysis of RNAV routes under their responsibility. Additionally, will review the issues related to RNAV routes implementation in the TMAs of the CAR//SAM Regions.

#### **Agenda Item 2: Evaluation of RNP 10 Pre-Operational Implementation in the Santiago de Chile-Lima segment of parallel routes UL 780 and UL 302**

The meeting will evaluate RNP 10 Pre-Operational Implementation in the Santiago de Chile-Lima segment of parallel routes UL 780 and UL 302, carried out on 22 January 2004 by the Administrations of Chile and Peru, and the progress, if any, related to the Action Plan of 50 NM longitudinal separation.

#### **Agenda Item 3: Review of RVSM issues 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) Scrutiny Working Group (S/WG).**

Through the above mentioned Working Groups, the meeting will evaluate RVSM Implementation, carried on 20 January 2005, and will coordinate the actions to be taken to continue the follow up of such implementation.

#### **Agenda Item 4: ATM Automation in the CAR/SAM Regions**

The meeting will review and provide comments on the results of the survey on ATM Automated Systems in the CAR/SAM Regions, which will be distributed on time, so that the Administrations have enough time to complete it and have the information available before the AP/ATM/10 meeting.

#### **Agenda Item 5: ATFM Implementation in the CAR/SAM Regions**

The meeting will review the issues related to ATFM, ATFM principles proposals, as well as the minimum requirements for its implementation in the CAR/SAM Regions.

**Agenda Item 6: Other matters**

The meeting could review other aspects not considered above and related to the items of the proposed Agenda.

Documentation of the Workshop/meeting AP/ATM/10, as well as Working and Information Papers will be published in the WEB Page of the ICAO SAM Regional Office: <http://www.lima.icao.int>. No documentation will be distributed during the Workshop/meeting.

**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) Annex 11 Air Traffic Services;
- b) Doc 8733 Air Navigation Plan – Caribbean and South American Regions;
- c) Doc 9574 Manual on the implementation of a vertical separation minimum 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. 9613 Manual on Required Navigation Performance (RNP);
- f) Doc. 9426 Manual on Planning of the Air Traffic Services;
- g) Doc. 4444 Air Traffic Management;
- h) Doc 7030 Regional Supplementary Procedures;
- i) Bilateral operational letters of agreement;
- j) Report of GREPECAS 10, GREPECAS 11 and GREPECAS 12 Meetings;
- k) Report of the ATM/CNS/SG/2 and ATM/CNS/SG/3 Meeting;
- l) Reports of the AP/ATM/3, AP/ATM/4, AP/ATM/5, AP/ATM/6, AP/ATM/7, AP/ATM/8 and AP/ATM/9 Meetings.
- m) 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.
- n) CAR/SAM RVSM Concept of Operations (CONOPS).
- o) ATC Guidance Manual for RVSM Training in the CAR/SAM Regions.
- p) 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).
- q) Advisory Circular CA 6.425 – Requirements and Procedures for Approval of Operations in airspace with Reduced Vertical Separation Minima (RVSM)

**5. PLACE, DATES AND SCHEDULE**

5.1 The Tenth meeting/workshop will be held at Doubletree El Pardo Hotel, Room Alameda ABC, second floor, located at Jr. Independencia 141, Miraflores, from 10 to 14 May 2005, from 09:00 to 16:00 hours.

- Tel: + 511 617-1000
- Fax: + 511 444-2171 / 241-0039
- E-mail: [pardohot@doubletreeelpardo.com.pe](mailto:pardohot@doubletreeelpardo.com.pe)
- Web site: [www.doubletreeelpardo.com.pe](http://www.doubletreeelpardo.com.pe)

6. **TEMPERATURE**

6.1 During the month of May, it has been estimated that the temperature in Lima would range from 17°C to 23° C; and that the average humidity would be 84%.

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 implementation, RNAV routes, ATFM and ATM Automation of Civil Aviation Administrations and ATS Providers;
2. Officers and experts, directly involved in RVSM implementation, RNAV routes, ATFM and ATM Automation of Civil Aviation Administrations and ATS Providers;
3. Specialists in Operations and Airworthiness Regulations, directly involved in RVSM 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 through the ICAO Regional Office concerned to the area of accreditation of the requesting State or organization upon receipt of their request through the submission, as soon as possible and in any event not later than **8 April 2005**, of the personal data of each participant or, if it is the case, their duly completed ICAO fellowship nomination forms.

9.2 Participants are requested to make their hotel reservations well in advance. As necessary, this Regional Office could offer assistance concerning this matter.

9.3 Jorge Chavez International Airport has an authorized taxi service. The rate to Miraflores (where hotels below are located) is approximately US\$18.00. This rate can be confirmed at counters located outside the airport's international exit. In addition, the following taxi service is recommended:

**National Car Rental** Telephone: 575-1111 or 222-1010 Price: US\$18.00  
(Subject to reservation confirmation at: [national@terra.com.pe](mailto:national@terra.com.pe))

9.4 Participants should directly arrange their transportation to/from the site of the meeting.

9.5 Suggested hotels and rates, are as follows:

<b>Hotel</b>	<b>Dirección/Teléfono/Fax Página Web/Correo electrónico</b>	<b>Simple US\$</b>	<b>Doble US\$</b>
El Pardo Doubletree Hotel***** Miraflores	Jr. Independencia 141, Miraflores Tel: (511) 617-1000 Fax: (511) 444-2171 / 241-0039 Web Page: <a href="http://www.elpardodoubletree.com.pe/">http://www.elpardodoubletree.com.pe/</a> E-mail: <a href="mailto:pardohot@doubletreeelpardo.com.pe">pardohot@doubletreeelpardo.com.pe</a> Desayuno buffet e impuestos incluidos	77.00	88.00
Country Club Lima Hotel*****	Calle Los Eucaliptos 590, San Isidro Tel: (511) 611-9000 Fax: (511) 611-9002 Web Page: <a href="http://www.hotelcountry.com/">http://www.hotelcountry.com/</a> E-mail : <a href="mailto:country@hotelcountry.com">country@hotelcountry.com</a> Tarifas sujetas al 19% de Impuestos General a la Ventas y 10% de Servicios. Los extranjeros están exonerados del pago del IGV, presentando su pasaporte en el momento del check in.	Hab. Master 140 Gran Clase 160	Gobernador Gobernador Luxe 215
Hotel El Doral***	Av. José Pardo 486, Miraflores Tel. (511) 242-7799, Fax (511) 446-8344 Web Page: <a href="http://www.eldoral.com.pe">http://www.eldoral.com.pe</a> E-mail: <a href="mailto:eldoral@terra.com.pe">eldoral@terra.com.pe</a> Desayuno Continental e impuestos incluidos	41.80	46.20
Hotel Suites del Bosque*****	Av. Paz Soldán 165, San Isidro Tel: (511) 221-1108 Fax: (511) 221-1107 Web Page: <a href="http://www.suitesdelbosque.com">www.suitesdelbosque.com</a> E-mail : <a href="mailto:reservas@suitesdelbosque.com">reservas@suitesdelbosque.com</a> Suite Ejecutiva simple US\$60.00 Suite de lujo Real c/Jacuzzi simple o doble US\$120.00 Inc. Desayuno buffet.	Suite Junior 55.00	60.00
Plaza del Bosque ApartHotel*****	Av. Paz Soldán 190, San Isidro Tel: (511) 441-8818 Fax: (511) 421-8582 Web Page: <a href="http://www.plazadelbosque.com">www.plazadelbosque.com</a> E-mail: <a href="mailto:reservas@plazadelbosque.com">reservas@plazadelbosque.com</a> Master Suite (4 pers) US\$100.00 Suite de lujo Plaza c/jacuzzi simple o doble US\$120.00 Inc. Desayuno buffet americano	Suite Ejecutiva Simple 60.00	Suite Ejecutiva Doble 65.00
Hotel José Antonio*****	Av. 28 de Julio 398, Miraflores Tel: (511) 445-7743, 445-6870 Fax: (511) 446-8295 Web Page: <a href="http://www.hotelesjoseantonio.com">www.hotelesjoseantonio.com</a> E-mail: <a href="mailto:ventas@hotelesjoseantonio.com">ventas@hotelesjoseantonio.com</a> Incl. Impuestos y desayuno buffet	40.40	50.50

Hotel	Dirección/Teléfono/Fax Página Web/Correo electrónico	Simple US\$	Doble US\$
Los Tallanes Hotel Suites	Av. Jorge Basadre 325, San Isidro Tel: (511) 221-0001 Fax: (511) 222-5030 Web Page: <a href="http://www.hoteltallanes.com">www.hoteltallanes.com</a> E-mail: <a href="mailto:mdurand@hoteltallanes.com.pe">mdurand@hoteltallanes.com.pe</a> Suite Ejecutiva Doble US\$90.00 Suite Familiar US\$150.00 Incluido impuestos y desayuno Americano. Tarifas sujetas al cargo de 19% de IGV y al 10% de servicios. Se puede exonerar del 19% si el pasajero es extranjero.	Hab. Standard 60.00	Suite Ejecutiva King 80.00

#### 10. REFERENCE

ICAO South American Regional Office  
 CORPAC Building, Second Floor  
 Commercial Area of the “Jorge Chavez” International Airport  
 P.O. Box 4127  
 Lima 100, PERÚ

Telephones: (511) 575-1646, 575-1476, (511) 575-1477  
 Fax: (511) 575-1479, 575-0974  
 E-mail: [mail@lima.icao.int](mailto:mail@lima.icao.int)  
 Website: [www.lima.icao.int](http://www.lima.icao.int)

#### 11. PASSPORT AND VISA REQUIREMENTS

To enter the country, a valid passport and visa are normally required; however, we suggest verifying at the Peruvian Embassy or Consulate on this requirement.

#### 12. MONEY EXCHANGE AND CREDIT CARDS

The Peruvian currency is the Nuevo Sol Peruano (S/.). The current exchange rate is S/. 3.22 per US\$1.00. It is better to use banks and money exchange houses, avoiding moneychangers working in the streets (the difference is minimal).

The international credit cards that are usually accepted are: Visa, Diners, Master Card and American Express. Most stores and restaurants accept payment in US Dollars. Travelers' cheques should be changed in either money exchange houses or banks.

#### 13. HOSPITALS

If necessary, the recommended hospital is the **Clínica Anglo Americana**, located in Alfredo Salazar s/n, Miraflores, Tel: (511) 221-3656.

14. **USEFUL TELEPHONE NUMBERS**

Mr. José Miguel Ceppi, Director Oficina SAM..... 372-6417  
Mr. Jorge Fernández, RO/ATM, Oficina SAM..... 224-9007  
Mr. Alberto Orero, RO/ATM/SAR (Oficial de Seguridad), Oficina SAN..... 446-1147  
9926-2108  
Mr. José Moreno, Consultor ATM, Proyecto RLA/98/003, Oficina SAM..... 272-1632  
Mr. Roberto Cardoso, RO/SO, Oficina SAM.....441-8731

15. **ELECTRICITY**

220 Volts/60Hz.

16. **AIRPORT TAX**

The airport exit tax is US\$28.24 dollars.