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Международная
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منظمة الطيران
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国际民用
航空组织

LT 2/6A.95-SA364

7 June 2010

To: Mr. Pierre Dubois, DIRAC French Guiana
Mr. Philippe Guivarch, Chef du SNA Antilles-Guyane
Mr. Zulficar Mohamed/CAD Guyana (ai)
Mr. L. Gonsalves, Deputy Director of Civil Aviation, Suriname

Subject: **Performance Based Navigation Airspace Planning Workshop, Santiago, Chile, 12 to 15 July 2010**

Action
required: **Reply not later than 25 June 2010**

Sir/Madam,

I have the honour to address you this letter to refer to my SA780 dated 6 November 2009 on the Performance Based Navigation Airspace Workshop to be carried out in Santiago, Chile, from 12 to 15 July 2010.

In this connection, please let me express my appreciation to the Chilean Civil Aviation Directorate, for offering to be the host State of this important Workshop, noting that this is a continuation of the support that the SAM States and the ICAO PBN Programme Office are committed to. This very interactive workshop is limited to thirty participants with a good command of English. The event will have simultaneous interpretation.

Information Paper IP/01 is attached as **Appendix A**, and the Tentative Workshop Schedule is attached as **Appendix B**. Also, I am pleased to enclose the corresponding registration sheet.

I would appreciate if you could, preferably not later than 25 June 2010, confirm the participation of your Administration/Organization to the meeting by exchange of correspondence with the ICAO SAM Office at the following e-mail address: mail@lima.icao.int, or Fax number +511-6118689, giving the name(s) of your delegate(s).

Accept, Sir, Madame, the assurances of my highest consideration.



Franklin Hoyer
Regional Director
South American Office
Lima

Attachments

APPENDIX A



SAM PBN
IP/01
07/06/10

International Civil Aviation Organization South American Regional Office

FIRST PERFORMANCE-BASED NAVIGATION AIRSPACE WORKSHOP

Santiago, Chile, 12 to 15 July 2010

GENERAL INFORMATION

(Presented by the Secretariat)

1. Place and date of the event

The sessions of the First Performance-Based Navigation Airspace Workshop will take place at the Best Western Premier Marina Hotel, Las Condes, in Santiago City, Chile, from 12 to 15 July 2010

2. Address and telephones of the Workshop Site

The Best Western Premier Hotel is located at Alonso de Córdova Ave. 5727 (Rosario Norte corner), Las Condes, Santiago.

Tel: (562) 599 4000

Fax: (562) 599 4001

Web: http://www.bestwestern.com.br/espanol/hoteis.asp?id_hotel=44#hoteltabs

3. Temperature

Temperature in Santiago during the month of July is the coldest in the year. It varies from an average minimum of 3°C and an average maximum of 15°C. The average humidity is of 70%.

4. Passport, visa and vaccination requirements

It is recommended to check in the Chilean Embassy or Consulate on these requirements.

5. **Transportation to and from the airport**

Authorized taxi services may be found at the Santiago International Airport. Participants may know transportation alternatives, by going to the counters at the airport, where rates may be asked for to the sectors where most of the suggested hotels are located (Las Condes, Providencia, Vitacura sectors).

Rates to Las Condes, Providencia, Vitacura (hotels area) and vice versa is approximately US\$12.00, through the minibus shared service. The following minibus companies are suggested:

TRANS VIP	Tel: (562) 677 3000
TUR TRANSFER	Tel: (562) 677 3600

Participants are required to send an e-mail to: arivera@dgac.cl, informing on your arrival flight and date, in order to facilitate you the paperwork at the International Police, Customs and Agricultural and livestock Service (SAG).

6. **Transportation from/to the site of the event**

No transportation from/to the site of the event will be provided; therefore, participants should transport by taxi or walking, depending on the location of the hotel, to the workshop site, and vice versa.

All cities have independent or informal taxis, which do not belong to any company, and therefore do not provide guarantee or safety. In case of taking an informal taxi, please consider that you are taking a high risk.

It is recommended to ask in your hotel for the radio-taxis services for transportation within the city.

7. **Suggested hotels in Santiago:**

It is suggested to stay at the event site hotel, which has preferential rate by Chilean CAD. This rate will be maintained only until **30 June 2010**. Therefore, participants should request reservations before that date, through the following contact: Ms. Carla Gaueca, Tel. (562) 981 0774, E-Mail carla.gauca@recchile.com.

Hotel	Tel/Fax/Website	Address	Single Room US\$	Double Room US\$
Best Western – Premier Marina Las Condes	Contact: Miss Carla Gaueca Tel. (562) 9810774 E-Mail: carla.gauca@recchile.com	Alonso de Córdova 5727, Las Condes	120	120

Participants who wish to stay in any of the following hotels, should directly request their reservations. In order to obtain the rate, participants should mention “*Corporate Rate for the Civil Aviation Directorate (Tarifa Corporativa para la Dirección de Aeronáutica Civil (DGAC))*”.

Hotel	Tel/Fax/Website	Address	Single Room US\$	Double Room US\$
Hotel Regal Pacific	Tel: (562) 3776331 Fax: (562) 3776334 Contact: Carolina Hermosilla reservas@regalpacific.cl www.regal-pacific.com	Av. Apoquindo 5680 Las Condes	114 (approx.) Standard 133 (approx.) Deluxe	114 (approx.) Standard 133 (approx.) Deluxe
Hotel Kennedy	Tel: (562) 290 8100 Fax: (562) 218 2188 reservas3@hotelkennedy.cl reservas@hotelkennedy.cl www.hotelkennedy.cl	Av. Kennedy 4570, Vitacura	118 (approx., depending on money exchange)	129 (approx., depending on money exchange)
Hotel Director Vitacura	Tel: (562) 389 1956 Fax: (562) 246 0088 Contact: Evelyn Castro reservas@director.cl www.director.cl	Av. Vitacura 3600, Las Condes	100	120
Hotel Director El Golf	Tel: (562) 498 3000 Fax: (562) 246 0088 Contact: Valeria Villavicencio reservaciones@director.cl www.director.cl	Carmencita 45, Las Condes	110	110
Novo Hotel	Tel: (562) 499 2200 Fax: (562) 499 2230 www.novotel.com	Av. Américo Vespucio Norte 1630, Vitacura	117	127
Park Plaza Hotel	Tel: (562) 372 4027 Fax : (562) 233 8521 bookings@parkplaza.cl	Ricardo Lyon 207, Providencia	126	149
Hotel Atton El Bosque	Tel: (562) 422 7979 Fax : (562) 422 7908 www.atton.com	Roger de Flor 2770, Las Condes	120	130
Hotel Atton Las Condes	Tel: (562) 422 7979 Fax : (562) 422 7908 www.atton.com	Av. Alonso de Córdova 5199, Las Condes	105	115

Hotel	Tel/Fax/Website	Address	Single Room US\$	Double Room US\$
Alcalá del Río	Tel: (562) 236 0871 Fax: (562) 236 0987 reservas@hotelalcala.cl www.hotelalcala.cl	Av. Padre Mariano 331, Providencia	70	80
María Angola	Tel: (562) 235 1280 Fax: (562) 235 5914 Contact: Nelda Villegas E-Mail: neldamvp@hotmail.com www.hotelmaria-angola.cl	Av. Miguel Claro N° 425 Providencia	60	70

Apart Hotels

Hotel	Tel/Fax/Website	Address	Price
Park Suite Apartments (Park Plaza Hoteles)	Tel: (562) 372 4044 Fax: (562) 233 8521 bookings@parkplaza.cl www.parkplaza.cl/suite	Lota 2233, Providencia	90 Rooms 1 with kitchen and bathroom 120 Rooms 2 with kitchen and bathroom
Ensenada Departamentos Ejecutivos	Tel: (562) 474 0474 Contact: Manuel Trejo manueltrejo@departamentoensenada.cl	Diego de Velásquez 2087, Providencia Holanda 87, Providencia	66 (approx., depending on money exchange) Apartment. 1 room
Ensenada Departamentos Ejecutivos	Tel: (562) 474 0474 Contact: Manuel Trejo manueltrejo@departamentoensenada.cl	Américo Vespucio 22 Las Condes	72 (approx., depending on money exchange) Depto. 1 room
Tempo Rent Apart Hotel	Tel. (562) 519 4099 Contact: Marcela González reservas@temporent.cl www.temporent.cl	Santa Magdalena 116, Providencia	86 standard single/double room 93 Single/double Suite 101 Apartment 1 room single/double

Apart Hotel Cambiaso	Tel (562) 333 7167 Reservations: Jessica apart@aparthotelcambiaso.cl	Av. Pedro de Valdivia 150, Providencia	53 Standard apartment with double bed, bathroom and kitchen 67 Executive apartment with two individual beds, bathroom and kitchen
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8. Money exchange and credit cards

The Chilean currency is the Chilean Peso. Present exchange rate is CH\$520 per US \$ 1.00.

Credit cards as American Express, Master Card, VISA, Diners Club, etc, are usually welcome in hotels, shopping centres and restaurants. Traveller's checks should be exchanged in banks.

9. Commercial schedule

Commerce downtown and Providencia is open from Monday through Friday from 10:00 hrs to 19:00 hrs non-stop, and Saturday from 10:00 to 14:00 hrs. Malls are open Monday through Sunday from 11:00 hrs to 21:00 hrs. The banks schedule is 09:00 hrs to 14:00 hrs, Monday through Friday.

10. Tips

An equivalent to 10% of the total amount of the bill is expected. Taxis: no tip required.

11. Hospitals

In case of emergency, the following Hospitals and Clinics are recommended:

Hospital de la Fuerza Aérea de Chile (FACH) Av. Las Condes 8631	Tel: 782 6000
Clínica Indisa Av. Santa María 1810, Providencia	Tel: 362 5555
Clínica Alemana Av. Manquehue Norte 1410, Las Condes	Tel: 210 1334 (Emergency) 2101010 (Ambulance)
Hospital Clínico Universidad Católica Marcoleta 367	Tel: 633 2051
Hospital del Trabajador Ramón Carnicer 201	Tel: 685 3129 (Central) 685 3333 (Call Center)
Unidad Coronaria Móvil (ambulancias)	Tel: 391 4444

12. Chilean CAD Contact:

Mr. Jorge Luis Orlandini
 Dirección General de Aeronáutica Civil

17. General recommendations in case of an earthquake

During an earthquake

- a) Keep calm.
- b) Stay away from windows, do not go to any balconies, do not use elevators.
- c) Locate yourself in previously identified internal safety zones.
- d) Evacuate the premises only if conditions permit it; otherwise, minimize your movements.

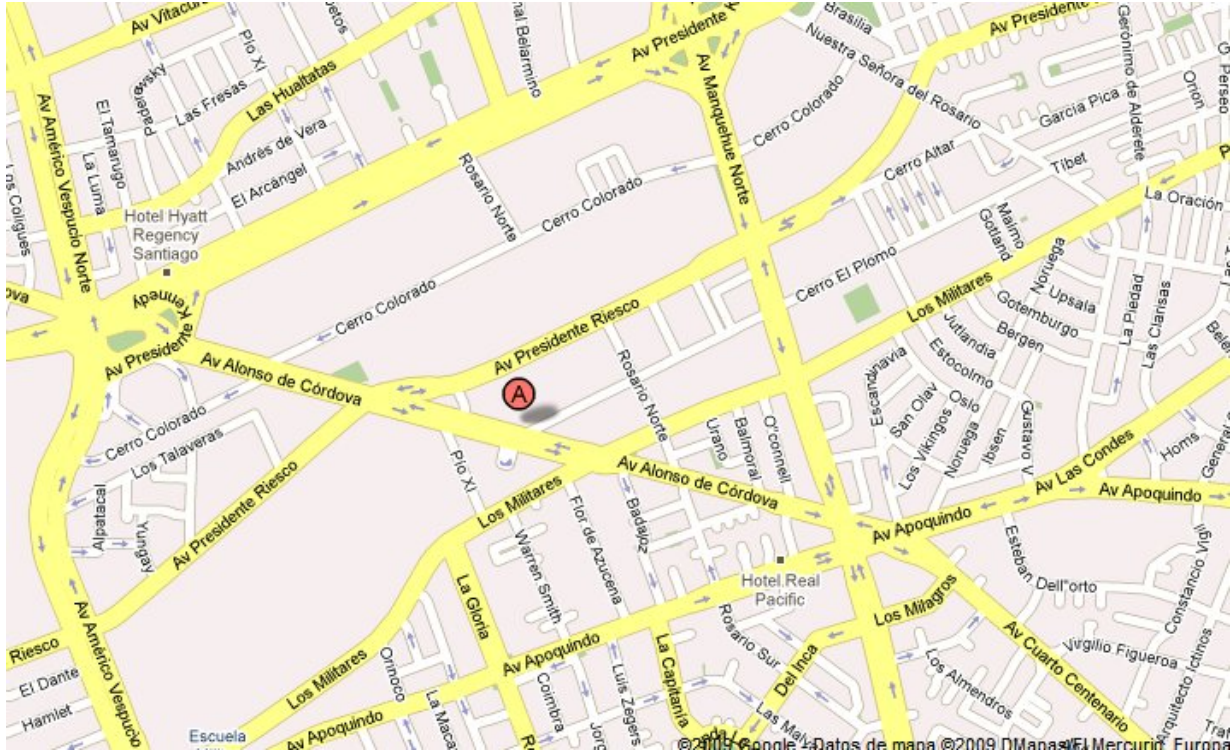
After an earthquake

- a) Proceed to leave the premises, since quakes can continue.
- b) Evacuation must be carried out calmly, quickly and safely through the indicated routes.
- c) Stay in the evacuation site until the designated security team of the building has verified whether the installations are at risk.

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ATTACHMENT

**Map of the Best Western Premier Marina
Las Condes Hotel
(site of the workshop)**



APPENDIX B

DRAFT PBN AIRSPACE WORKSHOP SCHEDULE

	09:00-10:00	10:00-10:30		11:00-11:45	11:45-12:45		13:45-14:45		15:15-16:30
MON	Registration	Opening Remarks and Introductions	COFFEE BREAK 10:30-11:00	Procedure Design	Procedure Design	LUNCH BREAK 12:45-13:45	Procedure Design	COFFEE BREAK 14:45-15:15	Procedure Design
TUE	1-Presentation What is PBN and what are the benefits	2-Presentation What is involved in airspace concept and who needs to be involved	COFFEE BREAK 10:30-11:00	3-Presentation Overview of processes 1, 2, and 3	4-Case Study Prep Introductions Round Table Back grounds.. What, Why, and How of workshop Methodology	LUNCH BREAK 12:45-13:45	5-Presentation Case Study Setting the Scene	COFFEE BREAK 14:45-15:15	6-Group Work Case study data gathering
WED	6-Group Work Case study data gathering- continued	7-Group Work Step 1,2,3 Ops requirements Team composition Project scope	COFFEE BREAK 10:30-11:00	8-Group Work Step 4 Set performance criteria and assumptions	9-Presentation Step 5,6 Reference scenario identify positive and negative aspects trade offs	LUNCH BREAK 12:45-13:45	10-Presentation Step 7,8 SID-STAR, holding, appr, and missed appr nav spec considerations, route spacing	COFFEE BREAK 14:45-15:15	11-Group Work Design of SIDs & STARS
THR	12-Group Work Design of SIDs & STARS	13-Comparison of two groups SID STAR solutions and questions	COFFEE BREAK 10:30-11:00	14-Presentation on Airspace Volume & Sectorisation & interactions with SIDs/STARS	15-Group Work Step 9 Airspace Volume & Sectorisation	LUNCH BREAK 12:45-13:45	16-Presentation Validation and Implementation Considerations	COFFEE BREAK 14:45-15:15	17 - Wrap-up