



INTERNATIONAL CIVIL AVIATION ORGANIZATION
ORGANISATION DE L'AVIATION CIVILE INTERNATIONALE
ORGANIZACIÓN DE AVIACIÓN CIVIL INTERNACIONAL
МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ГРАЖДАНСКОЙ АВИАЦИИ
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Ref.: M 10/1-00/90

8 September 2000

Subject: Invitation to the Colloquium on Environmental Aspects of Aviation

Action required: Reply concerning attendance by 15 February 2001

Sir/Madam,

1. I have the honour to extend an invitation to the Colloquium on Environmental Aspects of Aviation which will be held at ICAO Headquarters in Montreal from 9 to 11 April 2001.

Background

2. In recent years, there have been increasing concerns regarding environmental aspects of aviation, particularly aircraft noise and the impact of aircraft engine emissions. While aircraft noise is essentially a local issue of particular concern at busy airports in densely populated areas, there are measures which are currently under consideration to reduce noise that could have far-reaching implications affecting the air transport industry in all countries. In the case of aircraft engine emissions, there are impacts at both the local and global levels, notably with regard to climate change where ICAO needs to develop an appropriate response to the requirements of the Kyoto Protocol, which calls for States to pursue limitation or reduction of greenhouse gas emissions, working through ICAO. This could also have far-reaching implications affecting all countries.

3. Against this background, the Council has decided to convene a Colloquium on the Environmental Aspects of Aviation. The Council has identified the principal objectives of the Colloquium to be:

- a) to enhance States' awareness of the environmental problems associated with civil aviation;

- b) to exchange views on these problems; and
- c) to familiarize States with the work of the Council's Committee on Aviation Environmental Protection, which next meets in January 2001 (CAEP/5).

This will help prepare States for a major discussion of environmental issues that is expected at the next Session of the ICAO Assembly in September/October 2001. Invitations are also being sent to interested international organizations.

Colloquium topics

4. A draft outline of the topics to be covered by the Colloquium appears as **Attachment A** to this letter. This draft outline has been approved by the Council in principle, bearing in mind the possibility that it might need to be adapted in the light of developments prior to the Colloquium. Following a brief overview of environmental problems associated with aviation and of ICAO's environmental activities, consideration will focus on the two principal environmental issues that are addressed by ICAO, namely aircraft noise and the impact of aircraft engine emissions. In both cases, the draft outline has been structured so as to provide:

- a) a general understanding of the environmental problem and the principal methods of addressing it;
- b) an explanation of ICAO's existing policies;
- c) information on recent developments, with a main focus on the outcome of CAEP/5 and on identification of key issues for the forthcoming Assembly session; and
- d) information on CAEP's future work programme and identification of principal factors that are likely to be of relevance to policymakers in addressing the problem in the years ahead.

Colloquium format

5. Each topic and, where appropriate, each sub-topic will commence with one or more prepared presentations by speakers who are knowledgeable on the subject concerned. The floor will then be opened to participants who wish to comment or pose questions to the speakers. A moderator will be appointed to oversee the Colloquium as a whole, and rapporteurs will be assigned to sum up the discussions on both aircraft noise and aircraft engine emissions.

6. Prior to the Colloquium, the Secretariat will prepare a limited number of brief, factual background papers. There will be no formal working papers presented at the Colloquium.

7. While there will be no formal recommendations or conclusions from the Colloquium, the Secretariat will make a brief report to the 163rd Session of the Council in the form of a working paper identifying the key issues for the Assembly and any other developments at the Colloquium that might be of relevance to the Council in preparing the Assembly's discussions on environmental matters.

Organizational arrangements

8. The Council has decided that the Colloquium will work as a single body throughout. The working languages will be Arabic, English, French, Russian and Spanish with interpretation in Chinese.

9. A list of representative hotels and apartment hotels within reasonable distance from ICAO Headquarters and a map of Montreal is at **Attachment B**. Reservations may be made directly to the hotel of your choice or through the ICAO American Express Travel Services, telephone number (514) 954-8102, facsimile number (514) 954-6758. The rates quoted are subject to confirmation on placement of reservations. Participants should specify that they are attending an ICAO meeting. Further information about Montreal, including additional hotel accommodation prices and locations, may be found on the Montreal Official Tourist Information Web site at <http://www.tourism-montreal.org>.

10. In compliance with paragraph 3.7 of Annex 9 to the *Convention on International Civil Aviation*, Canada has already dispensed with the requirement of entrance visas for temporary visitors of a considerable number of States. However, those participants for whom visas continue to be required for entry into Canada are invited to take steps to obtain these visas in good time from the nearest Canadian authorities.

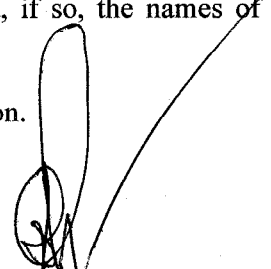
Further information

11. A more detailed programme for the Colloquium as well as other organizational arrangements such as registration will be sent to you later, following CAEP/5. In addition, updated information concerning the Colloquium, including background papers as they become available, will be placed on the ICAO Web site (www.icao.int).

Response to invitation

12. I would appreciate your advising me as early as possible and in any event no later than **15 February 2001** whether you plan to participate in the Colloquium and, if so, the names of your representatives.

Accept, Sir/Madam, the assurances of my highest consideration.



R.C. Costa Pereira
Secretary General

Enclosures:

Attachment A - Draft outline of topics

Attachment B - List of hotels, apartment hotels and map

COLLOQUIUM ON ENVIRONMENTAL ASPECTS OF AVIATION

Draft Outline of Topics

1. Overview

A brief summary of the environmental problems associated with aviation; identification of those subjects most suited to consideration by ICAO; and an introduction to ICAO's environmental activities, including the *Consolidated statement of continuing ICAO policies and practices related to environmental protection* (Assembly Resolution A32-8) and the role of the Council's Committee on Aviation Environmental Protection (CAEP).

2. Aircraft noise

2.1 The nature of the problem

The principal effects of aircraft noise; the measurement of aircraft noise; and the principal methods of addressing the problem, including noise reduction at source, the use of operational measures, curfews and noise charges, and improved land-use planning.

2.2 ICAO's existing policies

ICAO's noise certification standards in Volume I of Annex 16; ICAO policy regarding operating restrictions on subsonic jet aircraft which exceed the noise levels in Volume I, Chapter 3 of Annex 16 (Assembly Resolution A32-8, Appendix D); ICAO's noise abatement operating procedures; ICAO policy on noise charges; and ICAO's policy guidance on land-use planning.

2.3 Recent developments

ICAO's decision to explore the scope for a new standard more stringent than Chapter 3; action taken by the European Union; the ICAO Council decision of 7 June 1999 to expand CAEP's mandate to include operating restrictions on Chapter 3 aircraft; and the results of CAEP's work.

2.4 The way ahead

CAEP's future work programme on aircraft noise; and identification of the principal factors that are expected to be of relevance to policy-makers in addressing aircraft noise in the years ahead.

3. Aircraft engine emissions

3.1 The nature of the problem

The impact of aircraft engine emissions on local air quality; aviation's contribution to global problems, including the findings of the *Special Report on Aviation and the Global Atmosphere* prepared by the Intergovernmental Panel on Climate Change (IPCC); and the principal methods of addressing emission-related problems, including improvements in technology, operational measures and the use of market-based options.

3.2 ICAO's existing policies

ICAO's emissions certification standards in Volume II of Annex 16; ICAO policies on emission-related charges and taxes (Assembly Resolution A32-8, Appendix D); and cooperation with other organizations involved in policy-making in this field, including the Conference of the Parties to the United Nations Framework Convention on Climate Change (Assembly Resolution A32-8, Appendix F).

3.3 Recent developments

The results of CAEP's work in response to concerns regarding local air quality; the results of CAEP's work in response to the ICAO Assembly's request in 1998 to study policy options to limit or reduce greenhouse gas emissions from aviation, taking into account the IPCC special report and the requirements of the Kyoto Protocol; CAEP's conclusions regarding market-based options; the environmental benefits associated with the introduction of CNS/ATM systems; and a draft Action Plan on emissions.

3.4 The way ahead

CAEP's future work programme on aircraft engine emissions; and identification of the principal factors that are expected to be of relevance to policy-makers in addressing aircraft engine emissions in the years ahead.



HOTELS IN DOWNTOWN MONTRÉAL, DAILY RATES
HÔTELS SITUÉS DANS LE CENTRE DE MONTRÉAL, TARIFS JOURNALIERS
HOTELES CÉTRICOS DE MONTREAL, PRECIOS DIARIOS
ГОСТИНИЦЫ В ЦЕНТРЕ МОНРЕАЛЯ, СУТОЧНЫЕ РАСЦЕНКИ
قائمة الفنادق الموجودة في وسط مدينة مونتريال والأسعار اليومية

Map Plan Мапа Карта الخريطة	Hotel/Telephone/Fax Hôtel/Téléphone/Fax Hotel/Teléfono/Fax Гостиница/Телефон/Факс اسم الفندق/رقم الهاتف والفاكس	Addresses Adresses Direcciones Адрес العنوان	1 Pers. 1 чел. شخص واحد (Can. \$)	2 Pers. 2 чел. شخصان (Can. \$)
1	Best Western Europa 866-6492 / 861-4089	1240 Drummond Street (Peel Metro)	85.00*	105.00*
2	Bonaventure Hilton 878-2332 / 878-3881	1 Place Bonaventure (Bonaventure Metro)	125.00**	125.00**
3	Renaissance Hôtel du Parc 288-6666 / 288-2469	3625 avenue du Parc	139.00	139.00
4	Holiday Inn Select 879-9888 / 878-6341	99 Viger Street West (Place d'Armes Metro)	105.00**	105.00**
5	Intercontinental 987-9900 / 987-9904	360 St-Antoine Street West	135.00	135.00
6	Maritime 932-1411 / 932-0446	1155 Guy Street	109.00	109.00
7	Marriott Château Champlain 878-9000 / 878-6761	1050 rue de la Gauchetière (Bonaventure Metro)	160.00***	160.00***
8	Wyndham Montréal 285-1450 / 285-1243	1255 Jeanne-Mance Street (Place des Arts Metro)	116.00***	116.00***
9	Quality 849-1413 / 849-6564	3440 avenue du Parc	90.00	90.00
10	Queen Elizabeth 861-3511 / 954-2256	900 René-Lévesque Blvd. West	159.00***	159.00***
11	Delta Centre-ville 879-1370 / 879-1831	777 University Street	119.00	119.00
12	Sheraton Centre 878-2000 / 878-2305	1201 René-Lévesque Blvd. West (Peel & Bonaventure Metro)	186.00	186.00
13	Best Western 288-4141 / 288-3021	3407 Peel Street	125.00 (taxi vouchers included)	125.00
14	Four Points Hotel and Suites Sheraton 842-3961 / 842-0945	475 Sherbrooke West	125.00	125.00

3/00

*Continental Breakfast included/Petit déjeuner européen compris/Desayuno incluido/B расценки включена стоимость "континентального" завтрака/ "كونتيننتال افطار" يتضمن وجبة افطار "كونتيننتال"

**Continental Breakfast, evening cocktails in VIP lounge on the Executive floor/Petit déjeuner européen, cocktails le soir dans le salon VIP à l'étage "Executive"/El desayuno y los cocteles vespertinos se sirven en la sala VIP del piso Executive/ "Континентальный" завтрак, вечерние коктейли в зале для высоких гостей/

وجبة افطار "كونتيننتال" ومشروبات في المساء في بهو كبار الشخصيات في طابق رجال الأعمال

***To benefit from the American Express rate, reservations must be made through the American Express office at ICAO/Pour bénéficier du tarif American Express, il faut réserver par l'intermédiaire du bureau American Express qui est au service de l'OACI/Para beneficiarse de la tarifa de American Express, la reserva ha de hacerse a través de la oficina American Express al servicio de la OACI/Ставка фирмы "Америкэн экспресс"; бронировать необходимо через агентство "Америкэн экспресс" в ИКАО/"الامريكان اكسبريس" في المنظمة للاستفادة من تسعيرة "الامريكان اكسبريس" يرجى الحجز عن طريق مكتب سفريات "الامريكان اكسبريس"

APARTMENT HOTELS/HÔTELS RÉSIDENCES/HOTEL DE APARTAMENTOS/
ГОСТИНИЦЫ С НОМЕРАМИ КВАРТИРНОГО ТИПА/

شقق مفروشة فى الفنادق

Map Plan Mapa Карта الخريطة	Hotel/Telephone/Fax Hôtel/Téléphone/Fax Hotel/Teléfono/Fax Гостиница/Телефон/Факс اسم الفندق/رقم الهاتف والفاكس	Addresses Adresses Direcciones Адрес العنوان	1 Pers. 1 чел. شخص واحد (Can. \$)	2 Pers. 2 чел. شخصان (Can. \$)
A	L'Appartement 284-3634 / 287-1431	455 Sherbrooke Street West	82.00	82.00
B	La Tour Centre-ville 866-8861 / 866-7257	400 René-Lévesque Blvd. West	70.00	70.00
C	Le Nouvel Hôtel 931-8841 / 931-3233	1740 René-Lévesque Blvd. West	115.00	115.00
D	Le Montfort 934-0916 / 939-2552	1975 de Maisonneuve West (Guy Metro)	81.00	81.00
E	Le Richebourg 935-9224 / 935-5049	2170 Lincoln Avenue	82.00	82.00
F	Cantlie Suites 842-2000 / 844-7808	1110 Sherbrooke Street West (Peel Metro)	98.00 (taxi vouchers included)	98.00
G	Château Royal 848-0999 / 848-1891	1420 Crescent Street	102.00 jr. suite	102.00 jr. suite
H	Manoir LeMoyné 931-8861 / 931-7726	2100 de Maisonneuve West	79.00	79.00
I	Marriott Residence Inn 982-6064 / 844-8361	2045 Peel Street	118.00	118.00
J	Tour Belvédère 935-9052 / 935-9532	2175 de Maisonneuve West	81.00	91.00

NOTES/NOTAS/ПРИМЕЧАНИЯ/ملاحظات:

Delegates should specify that they are attending an ICAO meeting.
Les délégués doivent préciser qu'ils participent à une réunion de l'OACI.
Los delegados deben especificar que participan en una reunión de la OACI.
Делегаты должны указывать, что они участвуют в совещании ИКАО.
يتعين على المندوبين أن يبلغوا إدارة الفندق بأنهم يشاركون فى اجتماع للايكاو .

Rates are subject to confirmation on placement of reservations.
Tarifs sous réserve de confirmation au moment de la réservation.
Conviene confirmar las tarifas al hacer la reserva.
Расценки подлежат уточнению при бронировании.
تحدد أسعار التأجير عند اجراء الحجز .

The above prices do not include local taxes.
Ces tarifs ne comprennent pas les taxes locales.
Los precios indicados no incluyen los impuestos locales.
Цены указаны без учета местных налогов.
لا تتضمن الأسعار المذكورة أعلاه الضرائب المحلية .

Reservations may be made directly to the hotel or through ICAO American Express Travel at (514) 954-8102,
Fax (514) 954-6758.

Les réservations peuvent être faites directement auprès de l'hôtel ou par l'intermédiaire du bureau American Express qui est au service de l'OACI (téléphone (514) 954-8102, télécopieur (514) 954-6758).
Las reservas se hacen directamente con el hotel o por intermedio de la oficina de la agencia de viajes American Express al servicio de la OACI, teléfono (514) 954-8102, facsímile (514) 954-6758.
Номера можно забронировать непосредственно в гостинице или через турбюро "Америкэн экспресс" в ИКАО по телефону (514) 954-8102, факс. (514) 954-6758.

يجوز اجراء الحجز مع الفندق مباشرة أو عن طريق مكتب سفريات "الأميركان اكسبرس" بالايكاو
رقم الهاتف ٨١٠٢-٩٥٤ (٥١٤)، رقم الفاكس ٦٧٥٨-٩٥٤ (٥١٤) .

MONTRÉAL

DOWNTOWN — CENTRE-VILLE — CENTRO DE LA CIUDAD — ЦЕНТР ГОРОДА — وسط المدينة



- | | | | |
|------------------------------|---|------------------------|--------------------------|
| 1 Best Western Europa | 8 Wyndham Montréal | A L'Appartement | F Cantlie Suites |
| 2 Bonaventure Hilton | 9 Quality | B La Tour Centre-ville | G Château Royal |
| 3 Renaissance Hôtel du Parc | 10 Queen Elizabeth | C Le Nouvel Hôtel | H Manoir LeMoynes |
| 4 Holiday Inn Select | 11 Delta Centre-ville | D Le Montfort | I Marriott Residence Inn |
| 5 Intercontinental | 12 Sheraton Centre | E Le Richebourg | J Tour Belvédère |
| 6 Maritime | 13 Best Western | | |
| 7 Marriott Château Champlain | 14 Four Points Hotel & Suites
Sheraton | | |