



**FIFTH COLLABORATIVE ARRANGEMENT FOR THE PREVENTION AND MANAGEMENT  
OF PUBLIC HEALTH EVENTS IN CIVIL AVIATION (CAPSCA) AMERICAS MEETING**

**[WWW.CAPSCA.ORG](http://WWW.CAPSCA.ORG)**

**FINAL REPORT**

Barbados, 2 to 6 September 2013

**Prepared by the Secretariat  
September 2013**

The designation employed and the presentation of material in this publication do not imply the expression of any opinion whatsoever on the part of ICAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

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## HISTORICAL

### ii.1 **Place and date of the meeting**

The fifth meeting of the Collaborative Arrangement for the Prevention and Management of Public Health Events in Civil Aviation (CAPSCA), Americas was held from 2 to 6 September 2013, at the Lloyd Erskine Sandiford Centre in Two-Mile Hill, Barbados, West Indies.

The training of CAPSCA-Americas technical advisors was carried out from 5 to 6 September at Grantley Adams International Airport.

### ii.2 **Opening session**

Mr. Mitchinson Beckles, Director General of Civil Aviation (a.g.) Barbados, provided the opening remarks and welcomed participants from States and international organizations. Dr. Elizabeth Ferdinand, Chief Medical Officer (a.g), Ministry of Health, Barbados, welcomed international delegations present at the meeting and expressed her wishes for a successful meeting; Mrs. Jackeline Blackman, on behalf of the Minister of Tourism, Barbados, expressed her appreciation for the organization of the meeting and wished for a successful outcome from the upcoming sessions.

Dr. Anthony Evans, Chief of the Aviation Medicine Section, International Civil Aviation Organization (ICAO) and CAPSCA Project Manager, thanked the Barbados Civil Aviation Department (BCAD) for hosting this important CAPSCA event. He mentioned the difficult financial situation that CAPSCA is facing and invited States and international organizations to propose potential funding sources to ICAO to enable CAPSCA to continue the assistance visit programme beyond September 2013, as the UN Central Fund for Influenza Action (CFIA) grant has already expired. Dr. Sylvain Aldighieri, Representative of the Pan American Health Organization/World Health Organization (PAHO/WHO) thanked the Government of Barbados for hosting the event and ICAO for the effort and work carried out in the development of this meeting.

The Hon. John Boyce, Minister of Health of Barbados, provided the keynote address and Dr. Manoharsingh A. Rajamickam, Medical Officer of Health (Ports), Ministry of Health of Barbados, conveyed a note of thanks.

### ii.3 **Organization, Officers and Secretariat**

Dr. Anthony Evans acted as Secretary for the event and was supported by Mr. Jaime Calderon, Aerodromes and Ground Aids (AGA) Regional Officer of the ICAO Regional Office for North America, Central America and Caribbean (NACC) and CAPSCA Americas Regional Coordinator, and Mr. Pablo Lampariello, Aviation Security Regional Officer for the ICAO Regional Office of South America (SAM) and CAPSCA Americas SAM Regional Coordinator.

### ii.4 **Working languages**

The working languages were English and Spanish, with simultaneous interpretation.

## ii.5 Programme and Presentations

The programme was as follows:

### **Monday, 2 September 2013 – CAPSCA Global Programme, Regional Projects and Partner United Nations Agencies**

- Results of the 4th Global Coordination meeting –Dr. Anthony Evans, Chief, Aviation Medicine Section, International Civil Aviation Organization (ICAO), Headquarters and CAPSCA Programme Manager
- International Health Regulations (IHR) implementation status in the Region – Dr. Roberta Andraghetti, Regional Advisor, International Health Regulations, Pan American Health Organization/World Health Organization (PAHO/WHO)
- Review of the previous meeting Conclusions and CAPSCA Americas activities – Mr. Jaime Calderón, Aerodromes and Ground Aids Regional Officer, North American, Central American and Caribbean (NACC) Regional Office, ICAO and CAPSCA Americas Regional Programme Coordinator
- Highlights of CAPSCA in other regions –Dr. Anthony Evans, Chief, Aviation Medicine Section, International Civil Aviation Organization (ICAO), Headquarters and CAPSCA Programme Manager
- ICAO: Airport certification process – Mr. Jaime Calderón, Aerodromes and Ground Aids Regional Officer, North American, Central American and Caribbean (NACC) Regional Office, ICAO, and CAPSCA Americas Regional Programme Coordinator
- IHR: Proposed certification procedures for designated airports – Dr. Roberta Andraghetti, Regional Advisor – International Health Regulations Pan American Health Organization (PAHO/WHO)
- New emerging diseases international/national aspects – Dr. Sylvain Aldighieri, Unit Chief - IHR/Epidemic Alert and Response, and Water Borne Diseases (IR) (PAHO/WHO) and Dr. Peter Houck, Medical Officer (retired), Centers for Disease Control and Prevention (CDC)
- Lessons learned from CAPSCA States and Airport Assistance and follow-up visits – Mr. Jaime Calderón, Aerodromes And Ground Aids Regional Officer, North American, Central American and Caribbean (NACC) Regional Office, ICAO, and CAPSCA Americas Regional Programme Coordinator

### **Tuesday, 3 September 2013 – State/Territory Experiences**

- CAPSCA - Mexico, State's experience – Dr. José Valente Aguilar Zinser, General Director of Protective and Preventive Medicine in Transport (DGPMPT), Mexico
- CAPSCA – Chile, State's experience – Dr. Karina Flores, Medicine Inspector, Chief Aviation Medicine Section, DGAC de Chile
- Brazil's experience with engaging airlines – Mr. Cristiano Gregis, ANVISA Brazil

- Management – Development of CAPSCA in Colombia – Dr. Patricia Barrientos, Director of Aviation Medicine and Licenses, Aeronáutica Civil de Colombia
- Canadian experience: Engaging different sectors for emergency preparedness at Montreal Trudeau International Airport – Mr. Alain Boucard, Regional Manager, Eastern Canada Office of Border Health Services, Public Health Agency of Canada
- Ground-based Medical Support for Airlines. An additional link in the system – Dr. Paulo Magalhães Alves, VP Aviation and Maritime Health, MedAire, International SOS
- Mapping of overlaps between IHR provisions and tools and Chicago Convention Annexes (including the respective self-assessment processes and audits) – Dr. Roberta Andraghetti, Regional Advisor – International Health Regulations PAHO/WHO and Dr Anthony Evans, Chief, Aviation Medicine Section, ICAO, Headquarters and CAPSCA Programme Manager
- Public health risk communication: lessons learnt – Mr. Alain Boucard, Regional Manager, Eastern Canada Office of Border Health Services, Public Health Agency of Canada
- Arrival procedures – Dr. Anthony Evans, Chief, Aviation Medicine Section, ICAO Headquarters and CAPSCA Programme Manager

#### **Wednesday, 4 September 2013 – International Organizations and Barbados experience**

- Update on ACI Passenger Facilitation and Aviation Health initiatives – Mr. Vivian Bijnaar, Senior Policy Advisor/National, J. A. Pangel International Airport, Suriname
- AVSEC at the Airport – Mr. Pablo Lampariello, Aviation Security Regional Officer of the ICAO Regional Office of South America (SAM) and CAPSCA Americas SAM Regional Coordinator
- Establishing a CAPSCA Facility – Mr. Mitchinson Beckles (a.g), Director of Civil Aviation, Civil Aviation Department, Barbados
- Airport Operations and Fighting Communicable Diseases – Mr. Joseph Johnson, Grantley Adams International Airport, Barbados
- Communicable Disease and Tourism. The Need for a Balanced Approach – Mr. Neville Boxill, Barbados Tourism Authority
- Managing Emergencies, the Barbados Experience – Ms. Kerry Hinds, Department of Emergency Management and Response Agency for Disasters.
- Replica of CAPSCA in Barbados – Dr. R. Manoharsingh, Medical Officer of Health – Ports, Ministry of Health, Barbados, and CAPSCA Americas Vice Chairman
- Acute public health events on board aircraft – Dr. Carlos Staff, Asociación Iberoamericana de Medicina Aeroespacial (AIMA)

#### **Thursday, 5 September 2013 – Training for Technical Advisors and review of meeting conclusions**

- Discussion on communication procedures from an affected aircraft – Dr. Jarnail Singh, CAA Singapore and CAPSCA Technical Advisor

- Training of Technical Advisors – Dr. Juan Carlos Monteza, CAPSCA Americas Team Leader for Technical Advisors, Peru
- CAPSCA Assistance visit, process overview – Ms. Sarah Jardine, Deputy Technical Advisor Team Leader, Canada
- Table-top Exercise of Notification of Suspected Communicable Disease on Board an Aircraft – Ms. Sarah Jardine, Deputy Technical Advisor Team Leader, Canada
- Meeting conclusions – Dr. Anthony Evans, ICAO

#### **Friday, 6 September 2013 – Training for CAPSCA Technical Advisors**

- Visit to Grantley Adams International Airport for demonstration of CAPSCA Assistance Visit - Dr. Juan Carlos Monteza, CAPSCA Americas Team Leader for Technical Advisors, Peru. Ms. Sarah Jardine, Deputy Technical Advisor Team Leader, Canada
- Grantley Adams International Airport Visit, including the following facilities and services:
  - Emergency Operations Centre (EOC)
  - Inspection Area/Passenger Evaluation, Immigration Inspection
  - Immigration Area – Customs
  - Rescue and Fire fighting Services Station (RFFS)
  - Quarantine facility
  - Airport Emergency Services Unit
- Debriefing of the results of the Assistance Visit.

Dr. Joy St. John, Chief Medical Officer, Ministry of Health of Barbados, attended the debriefing.

Presentations can be downloaded from the CAPSCA Americas Project site on the following link: <http://www.capsca.org/Americas2013.html>

#### **ii.6 Attendance**

The Meeting was attended by 70 participants from 22 States: Antigua and Barbuda, Barbados, Belize, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Guyana, Jamaica, Mexico, Nicaragua, Panama, Peru, Saint Lucia, Sint Maarten, Singapore, Suriname, Trinidad and Tobago, United Kingdom and United States; 2 Territories: Anguilla and Turks and Caicos Islands; 1 ICAO non-member State: Dominica; 3 International Organizations: AIMA, PAHO/WHO and ICAO; and one member of industry: the company MedAire.

The consolidated list of participants is shown on pages iii-1 to iii-8.



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## RESULTS AND ACHIEVEMENTS

### 1. Introduction

1.1 The meeting was focused on preparedness planning in the aviation sector, which requires multi-sector/multi-stakeholder collaboration, especially with the public health sector. The meeting facilitated such collaboration and updated participants on a variety of different subjects, some of which had been developed since the last meeting, whilst others were new. An opportunity for networking was provided and communication links were established between participants, which will help to improve regional harmonization for both planning and response.

### 2. Visit to Grantley Adams International Airport

2.1 On Friday, 6 September, a visit was undertaken to Grantley Adams International Airport for training new CAPSCA-Americas “Technical Advisors.” The training was conducted by Dr. Juan Carlos Monteza, Team leader of the CAPSCA Americas Technical Advisors, from Peru, and Ms. Sarah Jardine, Deputy Technical Advisor Team Leader, from Canada. Before the visit, guidelines on how to conduct the airport assistance visit, and the list of officers that the technical advisors team needed to meet, such as the relevant stakeholders who typically comprise the Civil Aviation Authority (CAA) representatives, airport operator, airport medical officer, security, customs and immigration, airlines, Air Navigation Services Providers (ANSPs), public health representatives, tourism authority and local/regional government were provided to participants.

2.2 The list of the delegates that participated in the training is presented in **Appendix A**.

### 3. Conclusions

- The participants appreciated presentations concerning developments in preparedness planning in individual States. Presentations concerning technical developments were also well received.
- ICAO provides Standards and Recommended Practices (SARPs) related to the certification of aerodromes by States. States are required to certify all aerodromes under their jurisdiction used for international operations in accordance with the specifications contained in ICAO Annex 14 - *Aerodromes*, Vol. I, as well as other relevant ICAO specifications (e.g. Annex 9 – *Facilitation*).
- Oversight responsibility for ensuring safety, regularity and efficiency of aircraft operations at aerodromes rests with individual States. ICAO audits States and regulatory authorities to ensure that such oversight responsibility is properly implemented.
- The World Health Organization (WHO) is in the process of developing certification procedures for designated airports, to be available upon request by States for public health purposes.
- Pan American Health Organization/World Health Organization (PAHO/WHO) considered that the communication procedure, especially with respect to notification of the departure aerodrome following identification of an in-flight public health event, required clarification. An important communication link exists between International Health Regulation (IHR) Focal Points that is not included in the current ICAO communication diagram. Consideration should be given to adjusting the diagram to take this into account.

- A public health event is one of the potential emergencies to be included in the Aerodrome Emergency Plan and hence needs to be coordinated with the Public Health Authority and other agencies involved.
- To further explore potential synergies between the aviation and maritime sectors, the International Maritime Organization should be invited to a future CAPSCA meeting.
- Aerodrome operators and public health authorities are invited to consider developing a standard operating procedure for an arriving affected aircraft, including timelines for response. Recommendations developed by the United Kingdom working group are available for reference on the CAPSCA website.
- In relation to risk and communication needs before and during a public health event, States should encourage:
  - A timely and engaging information policy
  - A risk communication strategy based upon the needs of the public and the scientific evidence
  - An appropriate message and format
  - Reference to official international guidance and recommendations provided by WHO, ICAO, IATA and ACI
  - Prioritization of airport and airline staff and travelers
  - Efficient communication between national IHR focal points
- WHO and ICAO should continue work to improve understanding of differences in work methodology and to formalize collaboration and develop a framework for activities having common objectives
- Security issues associated with public health events warrant further consideration, e.g., deliberately induced biological or chemical threats. Generic guidance is not yet available. Participants are asked to consider giving a presentation on national/local procedures that have already been developed, at a future CAPSCA meeting. Existing international agreements on security should be considered.
- ICAO should consider asking for feedback from States/airports that have received an Assistance Visit (AV) on the value of such visits, with a view to improving the AV process.
- Participants agreed that Dr. Peter Houck, and Dr. Karen Marienau, both from the United States Center for Disease Control and Prevention (CDC), had provided excellent support to the CAPSCA programme over a number of years. They expressed appreciation of their work on their retirement from CDC.
- The Sixth CAPSCA Americas Meeting is planned to be held during 2014 at a venue in the South America region on dates to be announced after discussion with PAHO/WHO.

#### States and Organizations:

- Should confirm support for ICAO to continue the CAPSCA Programme beyond 2013, which will require new funding sources to be identified
- Are invited to propose possible sources and mechanisms for funding CAPSCA to ICAO
- Are invited to consider providing voluntary contributions to CAPSCA
- Are invited to consider cost-recovery assistance visits to States by sending a letter to the appropriate ICAO or WHO regional office

- Are encouraged to support the continuation of the CAPSCA Programme in the ICAO Assembly to be held in September/October 2013
- Are encouraged to share their experiences with implementation of CAPSCA within their State

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