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Organisation de l'aviation civile internationale  
Organización de Aviación Civil Internacional  
Международная организация гражданской авиации  
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**COLLABORATIVE ARRANGEMENT FOR THE PREVENTION AND MANAGEMENT OF  
PUBLIC HEALTH EVENTS IN CIVIL AVIATION (CAPSCA) - [www.capsca.org](http://www.capsca.org)**

**REPORT OF THE SEVENTH JOINT ICAO/WHO MEETING  
OF THE CAPSCA-AFRICA PROJECT  
(LIVINGSTONE, ZAMBIA, 24-28 JULY 2017)**



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- The meeting conclusions are attached as **Appendix A**
- The Meeting Schedule is attached as **Appendix B**
- The List of Participants is attached as **Appendix C**



## 1. OPENING

1.1 The meeting was opened by the Permanent Secretary of the Ministry of Transport assisted by Officials from the Zambia Civil Aviation Authority, the Zambia Airports Corporation Limited, the Ministry of Health of Zambia, WHO AFRO Regional Office and ICAO.

1.2 The Acting Director General of the Zambia Civil Aviation Authority along with the ICAO ESAF Deputy Regional Director closed the meeting. The meeting expressed its gratitude to the Government of Zambia, the Zambia Civil Aviation Authority (ZCAA) and the Zambia Airports Corporation Limited for the warm welcome and the facilities provided to make the stay enjoyable.

## 2. HISTORY

2.1 The Joint ICAO/WHO Seventh Meeting of the CAPSCA-Africa Project was held at the David Livingstone Hotel, Livingstone, Zambia from 24 to 26 July followed by a workshop moderated by WHO on 27 July and a demonstration assistance visit at the Livingstone international airport on 28 July 2017.

2.2 The meeting was attended by 124 participants of ICAO Member States, International and Regional Organizations, as presented in **Appendix C**. The work program is also presented in **Appendix B**. The meeting was held in English and French with simultaneous interpretation.

2.3 The sessions were moderated by:

- |                          |  |
|--------------------------|--|
| • Arthemon Ndikumana     | Deputy Director, ICAO ESAF Office  |
| • Dr Ansa Jordaan        | Chief, Aviation Medicine Section, ICAO HQ                                    |
| • Dr. Jarnail Singh      | Chairman Civil Aviation Medical Board, CAA of Singapore and Global CAPSCA TA |
| • Nika Meheza MANZI      | Regional Officer AGA, ICAO WACAF Office                                      |
| • Dr. Bonkoungou Boukare | Technical Officer, WHO AFRO  |
| • Daniel Lins Menucci    | Team Leader Transport, Tourism and Mass Gathering. WHO HQ – Lyon France      |
| • Ms Rebecca Hall        | Epidemiologist, US Centre for Disease Control and Prevention (CDC)           |
| • Dr. Lesego Bogatsu     | Chair CAPSCA Africa,<br>South Africa Civil Aviation Authority                |
| • Dr. Ouerega Joseph     | Vice-Chair CAPSCA Africa, Côte d'Ivoire                                      |
| • Dr. Wilfred Haggai     | CAPSCA Technical Advisors Team Leader, Nigeria Civil Aviation Authority      |
| • Dr. Festus Ilako       | CAPSCA TA Vice Team Leader, Kenya Civil Aviation Authority                   |

### **3. OBJECTIVE OF THE MEETING**

3.1 The main objective of the meeting/events is to facilitate the effective implementation of the ICAO public health related Standards and Recommended Practices (SARPs), the relevant aspects of the WHO International Health Regulations 2005 and the associated guidance material. The meeting aims to consider the recurrence or emergence in various parts of the world of diseases with pandemic potential as well as the occurrence from time to time of other public health events, including those that may not necessarily involve communicable disease, of international concern.

### **4. MEETING CONCLUSIONS**

4.1 The conclusions of the meeting are presented in **Appendix A**.

## **Appendix A**

### **Conclusions from the Seventh CAPSCA Africa Meeting (Livingstone, Zambia, 24-28 July 2017)**

1. States to report to ICAO and WHO the status of the implementation of the conclusions of the CAPSCA Africa meetings.
2. Coordination and collaboration continue to be an issue brought up by participants. Progress seems to be better with CAPSCA member States especially those that have had an assistance visit.
3. States shared their challenges in the implementation of IHR and ICAO SARPs. ICAO and WHO are prepared to assist where possible but the initiative must come from the States.
4. No State in Africa has achieved full implementation of IHR routine and emergency core capacities. States are encouraged to make this a priority as recommended in the WHO regional strategy for health security 2016-2020.
5. States were apprised of the new WHO World Health Emergency Program which addresses all hazards and is flexible, rapid and responsive, acting on “no regret” principle.
6. The meeting was informed that during the Ebola and Zika outbreaks, a number of countries implemented measures beyond WHO recommendations, necessitating ICAO/WHO intervention. States are encouraged to follow WHO recommendations.
7. State letters from ICAO pertaining to the setting up of a vector control register, aviation decision aid model and CAPSCA survey, all had poor responses. States are encouraged to respond to States letters promptly.
8. Civil Aviation Authorities are requested to appoint a CAPSCA Focal Point as per the sent State letter. Once nominated, the aviation CAPSCA Focal Point should maintain close contact with the National IHR Focal Point for any questions or concerns related to public health events involving the aviation sector. The ICAO and WHO Regional Offices should also be informed.
9. States still seem to have problems in the implementation of IHR and ICAO health related SARPs into their national legislation. States with challenges are encouraged to approach ICAO and WHO for assistance where required.
10. The United Nations Ebola Response Multi-Partner Trust Fund is no more available. A special fund, the ICAO SAFE fund has been established to receive grants from member States that will help keep CAPSCA operational. States are encouraged to donate to this fund. States to consider building business case for high-level stakeholders.

11. It was recognized that a voluntary CAPSCA Assistance Visit is an effective and beneficial activity to improve communication, cooperation, coordination and collaboration between health and aviation sectors in States at a national and operational level. States are encouraged to request Assistance visits, implement the subsequent related action plans and report to ICAO and WHO.
12. Participants suggested to have an electronic application form for the CAPSCA membership, along with CAPSCA objectives and benefits.
13. States shared their experiences during simulation exercises for public health events. It underscored the importance of doing exercises and States that have not done so are invited to test and validate their public health emergency plans. States to follow up for sharing of best practices.
14. Participants were informed of the Computer Based Training package being developed by ICAO and WHO in collaboration with JAA (an ICAO approved Training Organisation). This will be for the training of Technical Advisors for conducting Assistance Visits. The meeting requested ICAO and WHO to inform the States the requirements and conditions to qualify for such training as soon as the training material would be ready.
15. Once disinsection Health Assessment Risk tool being developed by ICAO is complete, States are encouraged to use the tool in assessing their own risk at airports and for aircraft operations. ICAO will collaborate with WHO to develop guidance on responsibilities and procedures needed (As instructed during the 39<sup>th</sup> ICAO Assembly).
16. States need to consider other public health issues such as Radiation, Chemical Spills, Water, Food and Sanitation in addition to communicable diseases.
17. The issue of requirements relating to air ambulances was raised at the ICAO Assembly in 2016. It is one of the work items that will be taken up by the ICAO Aviation Medicine Section. Updates will be made available through the CAPSCA network.
18. Waste management including biohazardous waste from an aircraft and airport should be part of the public health emergency preparedness plans. The responsible agencies shall be identified and the SOPs established.
19. Human, animal and environmental health are closely related. In this context, the relevant States are urged to collaborate on measures that can be put in place for prevention of all hazards under One-Health Approach.
20. Botswana, Morocco, Uganda and Ghana offered to host the next CAPSCA Africa meeting. ICAO and WHO regional Offices will further coordinate with these States for this purpose.

## **CAPSCA – Africa: Updated Standing Conclusions from previous CAPSCA-Africa Regional Meetings**

1. Frequent communications and situation updates can help for the management of fear and anxiety among passengers and in staff working in risk areas
2. International Organizations and States should ensure correct and consistent statements and recommendations are communicated in a timely manner to service providers, operators and industry in order to support their corporate and operational decisions.
3. States that have had recent experience of planning for EVD in the aviation sector are encouraged to record their experiences and challenges and send them by e-mail to the ICAO Regional Offices for posting on the CAPSCA website.
4. The preparation of the PH emergency component of the Aerodrome Emergency Plan and organization of the EOC for a PH emergency are based on ICAO Annex 14 requirements. Since WHO documents also require an emergency plan to be developed for Points of Entry, close collaboration between the PH authority and aviation stakeholders is essential to avoid duplication of effort and potential confusion. SOPs for managing the emergency need to be documented and shared.
5. States are encouraged to:
  - Join CAPSCA, if not yet members
  - Request Assistance Visits to State and Airport, if not yet received
  - Provide officers to be trained as Technical Advisors, if desired
  - Consider offering to host a regional meeting; and
  - Consider contributing voluntary funds
6. States are encouraged to:
  - Establish a public health/aviation sector working group to facilitate the development of a National Aviation Plan for Public Health Events, if not already in place. Such work may be undertaken within the mandate of the airport and/or national Facilitation Programmes. See ICAO Annex 9, Appendices 11 and 12 – “Model Airport Facilitation Programme” and “Model National FAL Programme”
  - Develop a standard operating procedure (SOP) for managing the arrival of an affected aircraft
  - Establish personal contact with their counterpart in other sectors e.g. Civil Aviation Authority and Public Health Authority/IHR National Focal Point
  - Undertake exercises to test their preparedness plans/SOPs

**Appendix B**

<b>TIME</b>	<b>ACTIVITY</b>	<b>PRESENTED BY</b>
<b>DAY ONE – MONDAY, 24 JULY 2017 - Meeting</b>		
0830-0900	Registration	
0900 - 1000	<ol style="list-style-type: none"> <li>1. Welcome by Acting Director General, Zambia Civil Aviation Authority, Mr. Desmond Jere</li> <li>2. Remarks by the Managing Director, Zambia Airports Corporation Limited, Mr. Robinson Misitala</li> <li>3. Remarks by the CAPSCA Regional Coordinator</li> <li>4. Remarks by the Representative of the Ministry of Health – Mr Zakeyo Mvula</li> <li>5. Opening by the Permanent Secretary, Ministry of Communication and Transport, Eng. Misheck Lungu</li> </ol>	
1000 - 1030	<b><i>PHOTO &amp; TEA/COFFEE BREAK</i></b>	
1030 - 1100	Participant Introductions	Chairperson
1100 - 1130	Meeting objectives and CAPSCA Global Feedback	Dr Ansa Jordaan, ICAO Project manager
1130 - 1200	CAPSCA Africa project – Background	Nika Meheza Manzi, ICAO
1200 - 1230	Review of the last CAPSCA Africa meeting conclusions	Arthemon Ndikumana, ICAO
1230-1300	The UN Funded ICAO/WHO Ebola Aviation Action Plan project	Dr Ansa Jordaan, ICAO Project Manager
1300-1400	<b><i>LUNCH BREAK</i></b>	
1400 - 1500	Implementation of the ICAO Health Related SARPs & Documents	Nika Meheza Manzi, ICAO
1500 - 1530	Aerodrome Emergency Plan in relation to public health emergencies of international concern	Dr Jarnail Singh, ICAO Technical Adviser

TIME	ACTIVITY	PRESENTED BY
<b>DAY TWO - TUESDAY, 25 JULY 2017 - Meeting</b>		
0900-1000	World Health Emergency Programme and IHR (2005) Implementation in Africa	Dr. Boukare Bonkoungou, WHO
1000-1030	Experience of Zambia Airports	Misitala Robinson, MD ZACL
1030-1100	<b>TEA/COFFEE BREAK</b>	
1100-1130	IHR implementation Progress in Zambia	Zakeyo Mvula MOH Zambia
1130-1200	Ebola and Zika Virus Diseases (EVD) outbreaks – Lessons Learned	Daniel Menucci, WHO
1200-1300	2016 JKIA simulation - lessons learned	Kenya
1300-1400	<b>LUNCH BREAK</b>	
1400-1430	ICAO State Letters to States	Dr Ansa Jordaan, ICAO Project Manager
1430-1500	ICAO/ WHO joint Training Project	Dr Ansa, Dr Jarnail ICAO
1500-1530	Challenges in CAPSCA implementation	Arthemon Ndikumana, ICAO

TIME	ACTIVITY	PRESENTED BY
<b>DAY THREE - WEDNESDAY, 26 JULY 2017 - Meeting</b>		
0900-1000	Air Travel Interventions to Mitigate and Prevent the Spread of Communicable Diseases of Public Health Concern in the United States	Rebecca Hall CDC
1000-1030	Conduct of the Assistance Visit and implementation of the action Plan in Nigeria	Dr. Wilfred Haggai Nigeria
1030-1100	<b>TEA/COFFEE BREAK</b>	
1100-1115	CAPSCA Assistance visits – Lessons learned	Nika Meheza Manzi, ICAO
1115-1215	Air Repatriation of bodies/Aircraft disinsection (Ebola, Respiratory, others)	Dr. Lesego Bogatsu South Africa
1215-1300	Future of CAPSCA in Africa and Globally	ICAO/WHO, Dr. Ansa, Daniel
1300-1400	<b>LUNCH BREAK</b>	
1400-1500	Conclusions of the meeting	ICAO/WHO
1500-1530	Closing Ceremony	

TIME	ACTIVITY	PRESENTED BY
<b>DAY FOUR – THURSDAY, 27 JULY 2017 – Workshops (ICAO/WHO/CDC)</b>		
0900-1000	Overview of Management of Public Health Events in Air Transport Training a) Event Detection b) Event Verification and Preliminary Risk Assessment c) Immediate Arrangements d) Risk Assessment e) Public Health Response	
1000-1030	<b><i>TEA/COFFEE BREAK</i></b>	
1030-1230	Group Work: Scenario 1 - Managing an inbound flight with ill passengers – Breakout Groups with Facilitators	
1230-1330	<b><i>LUNCH BREAK</i></b>	
1330-1530	Group Work: Scenario 2 – Managing a Public Health Event Outbound in Airport - Breakout Groups with Facilitators	

TIME	ACTIVITY	PRESENTED BY
<b>DAY FIVE – FRIDAY, 28 JULY 2017– Demonstration airport assistance visit</b>		
0900-0930	Assistance visit Methodology	Dr Jarnail Singh, ICAO Technical Adviser
0930-1000	Briefing on planned activities during demonstration airport assistance visit.	ICAO/ZCAA
1000-1030	<b>TEA/COFFEE BREAK</b>	
1030-1100	Transport to Airport	
1100-1300	Airport demonstration assistance visit	
1300-1400	<b>LUNCH BREAK</b>	
1400-1430	Airport demonstration assistance visit – debrief	ICAO/WHO/CDC

- END -

**Appendix C**

**Seventh Joint ICAO/WHO Meeting of the CAPSCA-Africa Project  
(Livingstone, Zambia, 24-28 July 2017)**

**List of Participants**

ENTITY	N. O.	NAME	DESIGNATION	PHONE/FAX	EMAIL
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