

INTERNATIONAL CIVIL AVIATION ORGANIZATION

Eastern and Southern African Office



REPORT OF THE ICAO-WHO TRAINING ON THE PREVENTION AND MANAGEMENT OF PUBLIC HEALTH EVENTS IN THE CIVIL AVIATION SECTOR FOR CIVIL AVIATION AND HEALTH PERSONNEL

(13 to 17 April 2015, ICAO Regional Office, Nairobi, Kenya)

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1. OPENING/CLOSING

1.1 The training was opened by Mr. Joseph K. Chebungei, Acting Director General of the Kenya Civil Aviation Authority (KCAA), assisted by Mr. Mugambi M’Nchebere, Director EASA, Mr. Barry Kashambo, ICAO/ESAF Regional Director, Dr. Peter Gaturuku, WHO/AFRO Brazzaville Congo, Dr Anthony Evans, ICAO /Chief Aviation Medicine and Mr. Michiel Vreedenburgh, ICAO/Chief Implementation Section Air Navigation Bureau

1.2 Mr. Mugambi M’Nchebere, Director EASA, on behalf of Mr. Joseph K. Chebungei, Acting Director General of the Kenya Civil Aviation Authority (KCAA), chaired the closing ceremony.

2. HISTORY

2.1 The training was conducted from 13 to 17 April 2015 at the East African School of Aviation (EASA) Nairobi, Kenya and was moderated by:

WHO	Dr Peter Gaturuku, Kambire Chantal Diarra	WHO/AFRO Brazzaville Congo Disease Prevention and Control Officer, WHO- Burkina Faso
CDC	Nina Marano	CDC Kenya
ICAO	Dr Anthony Evans Michiel Vreedenburgh Adel Ramlawi Arthemon Ndikumana	Chief Aviation Medicine Section, CAPSCA Project Manager ICAO/Chief Implementation Section Air Navigation Bureau Regional Officer-AGA, CAPSCA Regional Coordinator - MID Regional Officer-AGA, CAPSCA Regional Coordinator - ESAF
CAPSCA	Dr Teresa Offiong Bassey Dr. Lesego Bogatsu	CAPSCA/AFI Technical Advisor CAPSCA/AFI Technical Advisor

2.2 Seventy seven (77) participants from twelve (12) States (**ANGOLA, BOTSWANA, BURKINA FASO, BURUNDI, COMOROS, KENYA, NAMIBIA, SEYCHELLES, SOUTH AFRICA, TANZANIA, UGANDA and ZAMBIA**) and some Regional and International Organizations (**CASOA, WHO, CAPSCA/TA and ICAO**) attended the training.

The list of participants is attached.

3. PURPOSE OF THE WORKSHOP

3.1 The objective of the training was to provide a multi-sector/multi-stakeholder framework for strengthening capacity in the public health and aviation sectors to prevent, rapidly detect and respond to cases of a serious communicable disease, including Ebola Virus Disease, related to air transport. The second a such training organized in the AFI region in Nairobi, after the pilot conducted in Dakar in March this year, focused on the implementation of requirements for the aviation sector contained in relevant ICAO annexes and WHO IHR (2005).

4. THE WORKSHOP OUTCOMES

a) Topics covered by the workshop included:

The national preparedness plan for public health emergencies in the aviation sector, communication procedures for the notification of suspected cases on board, management of a suspected case on board, aerodrome emergency plan and aerodrome certification, public health emergency and the ICAO Universal Safety Oversight Audit Programme (USOAP), management of public health events at ports of entry (case of Ebola), operational aspects of IHR and its application to aviation, Airport certification according to the IHR, entry and exit screening, including lessons learned, personal protective equipment for aviation personnel, cleaning of aircraft after transporting a suspected case of Ebola, etc.

Group works related to Case studies on Ebola Virus Disease (EVD) were conducted. At the end, States shared their experiences on EVD preparedness and management. For Details see Agenda below

b) The following results were achieved:

Participants were provided presentations by WHO, CDC, ICAO and IATA. Their attention was drawn to the importance of preparedness planning of public health events in the aviation sector and the gaps in the region. They were trained on methods of implementation of relevant ICAO Annexes and the WHO International Health Regulations (IHR 2005) as well as best practices developed by different Organizations like CDC, ACI, IATA, etc. ...). The relationships between key players were emphasized, particularly collaboration between public health Authorities and Civil aviation Authorities at the national level.

Regarding EVD, the main message for States is to follow WHO recommendations and to request assistance to build core capacities. Finally, participants were asked to put into practice the lessons learned in order to strength capacity in the public health and aviation sectors to prevent, rapidly detect and respond to cases of a serious communicable disease, related to air transport in the region.

4. FOLLOW UP ACTION

4.1 After working groups and plenaries the following recommendations were made by the participants at the end of the training:

- ✓ International Organizations' requirements to be adopted by the national laws
- ✓ Dissemination of health related documents in the civil aviation sector
- ✓ Clarification/Differentiation of ICAO and WHO terminology/definition
- ✓ Establishment of clearly defined MOUs between different stakeholders in the prevention and management of public health events in the civil aviation sector
- ✓ Translate all the training material into the two language
- ✓ Hold regular trainings on the management of public health events in the aviation sector
- ✓ Include in the training programme airport visit
- ✓ Sensitize Authorities at the national level, on the importance of preparedness planning
- ✓ Put in place appropriate legislation and regulations
- ✓ Carry out update training of the screening team using the WHO e-learning tool
- ✓ Train the airport medical and non-medical staff
- ✓ Review the airport emergency plans and update SOPs and carry out regular exercises
- ✓ Reinforce regional collaboration and coordination in carrying out joint activities, including aerodrome emergency plan testing
- ✓ Advocate for port health consideration in general public health plans
- ✓ Dissemination of public health related information to private airports which are also PoE
- ✓ Designation of the authority to mobilize the required resources in the prevention and management of public health events in the civil aviation sector

ICAO-WHO training on the prevention and management of public health events in the civil aviation sector for civil aviation and public health personnel (Nairobi, Kenya, 13 - 17 April 2015)

AGENDA FOR NAIROBI, KENYA

Day One – Monday, 13 April 2015

No.	Time	Focus	Topic	Chair
1.0	08:00 - 09:00	Registration		
1.1	09:00 - 10:00	Opening ceremony and Introduction to the training	After the formal opening ceremony: <ul style="list-style-type: none"> • Objectives of the training • Review of Agenda • Introductions of participants; and • group photo 	DIR – EASA ICAO RD WHO REP. MOH A/DG - KCAA
	10:00-10:30	TEA/COFFEE BREAK		
1.2	10:30 -11:00	Overview of public health and aviation agencies, with reference to EVD	WHO <ul style="list-style-type: none"> • Brief overview of WHO functions including IHR, PAGNET, research and field resources • Operational aspects of IHR and its application to aviation 	WHO (Dr. Gaturuku)
1.3	11:00 – 11:30	Overview of public health and aviation agencies, with reference to EVD	ICAO role in PH/EVD <ul style="list-style-type: none"> - ICAO Regulatory framework and Universal Safety oversight Audit Program - Guidance materials - Terminology 	ICAO Dr. A. Evans Arthemon
1.4	11:30 – 11:45	Aerodrome Certification	ICAO Aerodrome certification process	ICAO Michiel
1.5	11:45 – 12:00	IHR PoE Certification	WHO Certification process for airports	WHO Dr. Gaturuku
1.6	12:00 – 12:30	Questions and Response		
	12:30 – 13:30	LUNCH BREAK		
1.7	13:30 - 14:00	Ebola Virus Disease – PHEIC	Current status and projections of outbreak	WHO/AFRO RO
1.8	14:00 - 14:30	Ebola Virus Disease – PHEIC	Summary of preparedness assessment mission and lessons learned Plenary – discussion on challenges and potential for collaboration	WHO HQ & AFRO
1.9	14:30 - 14:50	Ebola Virus Disease – PHEIC	IHR Emergency committee function and recommendations related to Ebola outbreak	WHO
	14:50 - 15:10	TEA/COFFEE BREAK		
1.10	15:10 - 16:00	Exit Screening at airports	Introduction to guidance and CDC support for exit screening in EVD affected countries	CDC
1.11	16:00 - 17:00	E-learning: Event mgmt; Exit and Entry Screening	Quick overview of the WHO Guidance on EVD event management and entry and exit screening e-learning modules	WHO/AFRO RO
	17:00	End of Day 1		

Day Two – Tuesday, 14 April 2015

No.	Time	Focus	Topic	Chair
2.0	09:00 - 09:10	Welcome to Day 2		
2.1	09:10 – 10:15	Responding to Ebola Virus Disease on Commercial Airlines The CDC Experience	<ul style="list-style-type: none"> • CDC process for use of passenger locator forms when Ebola is suspected • Public health risk assessment of ill traveler • Messaging to passengers and partners • Conducting an Air Contact investigation 	CDC
2.2	10:15 – 10:30	Q&A		
	10:30 – 11:00	TEA/COFFEE BREAK		
2.3	11:00 – 11:30	Introduction to case study and break up into groups		WHO
2.4	11:30 – 13:00	Case study on EVD exit screening	Group work - Implementing exit screening at airport of a country with initial cases of Ebola Virus Disease transmission	WHO/CDC/ICAO to facilitate
	13:00-14:00	LUNCH BREAK		
2.5	14:00-14:45	Plenary discussion on case study		
2.6	14:45 – 15:15	Communication Procedures	Communication procedures for notification of suspect case on-board aircraft	ICAO – Dr Anthony Evans
	15:15-15:30	TEA/COFFEE BREAK		
2.7	15:30-16:15	Introduction to ACI	ACI and airport operators role in Public Health Events	ACI - Arturo
2.8	16:15-17:00	Suspect EVD case on-board	Role of IATA in PH/EVD response Management of suspect case on board including use of precautionary kit Cleaning of aircraft after transport of suspect case	IATA Dr C. Thibeault
	17:00	Close of Day 2		

Day Three – Wednesday, 15 April 2015

No.	Time	Focus	Topic	Chair
3.0	09:00 - 09:45	Introduction to Case Study		WHO
3.1	09:45 – 11:00	Introduction/case study 2	A suspect case of EVD on board an aircraft arriving from a country with Ebola Virus Disease transmission, to a non-affected country	WHO/CDC/ICAO to facilitate
	11:00 – 11:15	TEA/COFFEE BREAK		
3.2	11:15 – 11:45	Plenary on case study		
3.3	11:45 -12:15	Preparedness Planning in PH and Aviation	Aviation sector – National preparedness plan for public health emergencies Aerodrome emergency plan and PH emergency component of aerodrome emergency plan. ICAO/CAPSCA assistance visit	Joint ICAO WHO presentation
3.4	12:15-13:00	Aerodrome Emergency Plan/ PHE component of aerodrome plan		ICAO Arthemion
	13:00 - 14:00	LUNCH BREAK		
3.5	14:00-14:30	Introduction to the group work on aviation PH emergency plans		
3.6	14:30 - 15:30	Aviation PH emergency plans	Group work – by State Party, to consider status of PH national preparedness plan for aviation and aerodrome emergency plan.	ICAO to lead WHO/CDC to co-facilitate
	15.30 -16:00	TEA/COFFEE BREAK		
3.7	16:00 – 17:00		Continuation of group work, results and discussion in plenary	WHO/ICAO/CDC panel
	17:00	Close of Day 3		

Day 4 – Thursday, 16 April 2015

No.	Time	Focus	Topic	Chair
4.0	09:00 - 09:10	Welcome to Day 4		
4.1	09:10 – 10:10	Kenyan Case		MOH - Kenya Makama
	10:10 – 10:30	TEA/COFFEE BREAK		
4.2	10:30 - 12:30	Facilitation of discussion on PPE, equipment and tools for entry and exit screening	Facilitated discussion on temperature measurement tools, PPE	CDC to facilitate Possibly to include MoH local State Party
	12:30 – 14:00	LUNCH BREAK		
4.3	14:00 – 15:30	Development of specific SOPs for implementation of PHE component of aerodrome plan	Introduction with ppt and Group work on ICAO / WHO to facilitate[NEW PPT used in Tunisia training]	ICAO / WHO to facilitate
	15:30 – 15:45	TEA/COFFEE BREAK		
4.4	15:45 - 17:00	Plenary discussion		
	17:00	Close of Day 4		

Day 5 – Friday, 17 April 2015

No.	Time	Focus	Topic	Chair
5.0	09:00 – 09:10	Welcome to Day 5		
5.1	09:10 – 10:30	States feedback on aviation/public health partnership challenges	Aspect to be considered: - scope of work -decision making process -resources allocation -information sharing	Plenary session ICAO facilitation
	10:30 – 10:45	TEA/COFFEE BREAK		
5.2	10:45 -12:00	Possible solution for overcoming challenges identified	Suggestion from the panel and participants	Plenary session ICAO facilitation
5.3	12:00 -12:15	Oral feedback on the training.	Brief recap of training objectives and key points addressed	WHO/ICAO/CDC panel
5.4	12:15 – 12:45	Presentation of Certificates		
5.5	12:45 – 13:00	Closing remarks		ICAO/WHO/CDC
	13:00	LUNCH		

**ICAO-WHO TRAINING ON THE PREVENTION AND MANAGEMENT OF PUBLIC HEALTH EVENTS IN
THE CIVIL AVIATION SECTOR FOR CIVIL AVIATION AND PUBLIC HEALTH PERSONNEL
(NAIROBI, KENYA, 13 - 17 APRIL 2015)**

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