



# CAPSCA Global Feedback

CAPSCA-MID/08

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Collaborative Arrangement for the Prevention and Management of Public Health Events in Civil Aviation

CAPSCA

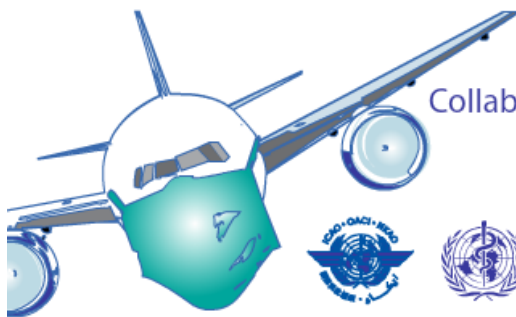
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# CAPSCA

- Collaborative Arrangement for the Prevention and Management of Public Health Events in Civil Aviation
- **PHE** = communicable diseases, disinsection, disinfection, radiation, chemical events, bio-terrorism, volcanic ash, water and food safety, hygiene & waste management, drones in humanitarian operations, etc.
- CAPSCA membership is **voluntary**
- **Initial objective** was to assist States with implementation of ICAO SARPs and WHO IHR
- ICAO has **additional responsibility** toward public (end-user), crew (occupational exposure) and safe and orderly development of aviation (ICAO Convention)



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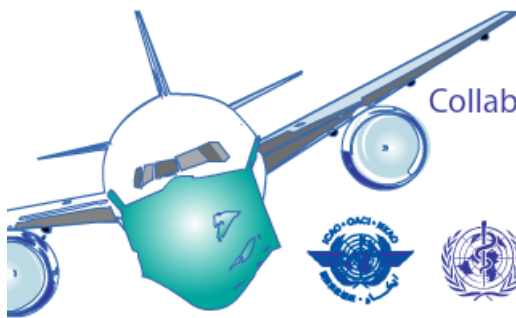
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# CAPSCA Objectives

- Ensure a **safe and economically viable** air transport network, with minimal effect on international travel and trade
- Improves **preparedness planning** and ability to deliver a **prompt response** to public health events affecting Civil Aviation
- Be **pro-active rather than reactive**



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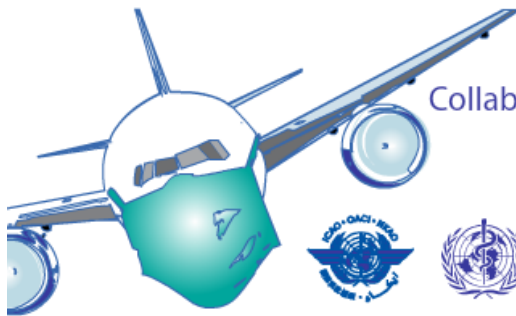
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# Meeting Objectives

- Facilitate public health sector and aviation sector **collaboration and coordination**
- **Sharing** of best practices
- Development of practical and cost-effective **solutions**
- **Build capacity** to manage public health events affecting aviation safety, transport continuity and health of stakeholders



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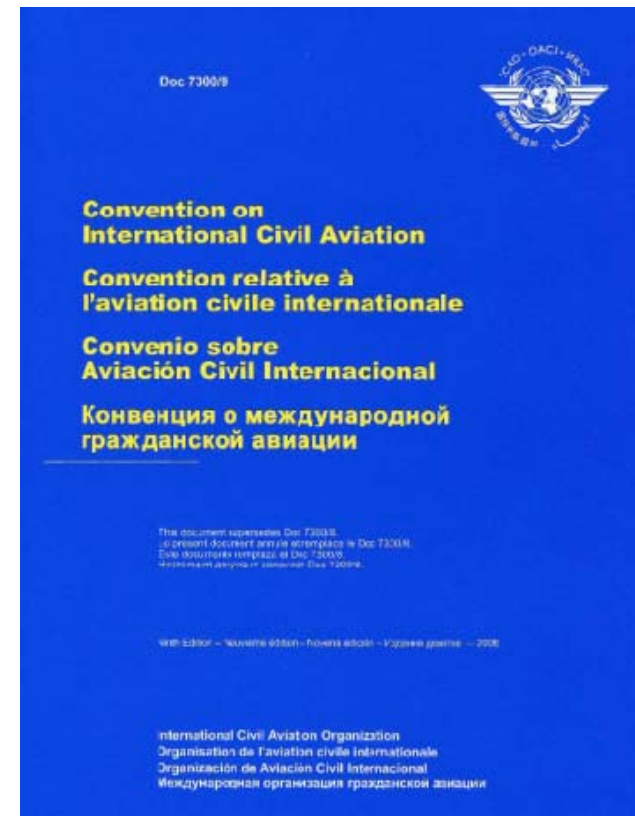
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# International Convention on Civil Aviation

- “Each contracting State agrees to take effective measures to **prevent the spread** by means of air navigation of cholera, typhus (epidemic), smallpox, yellow fever, plague, and such other **communicable diseases** as the contracting States shall from time to time decide to designate...”



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# CAPSCA Framework

- International Health Regulations (IHR) published by WHO
- ICAO Annexes 6, 9, 11, 14, 18 & PANS-ATM Document

- National Public Health Emergency Contingency Plan
- National Aviation Regulations with standards related to public health
- National Aviation Plan for a Public Health Emergency
- Airport (PoE) Public Health Emergency Contingency Plan

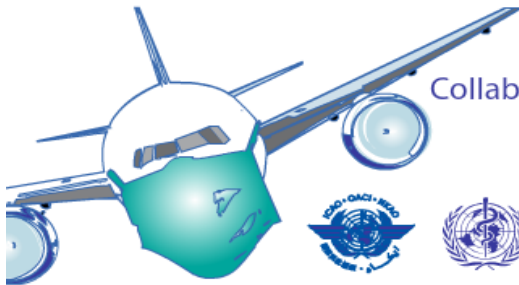
**Aerodrome** Emergency Plan and Aerodrome Manual including public health emergencies

**Air Traffic Services (ATS)** contingency plan including public health emergencies

**ATS** Procedures for notification of suspected public health risk on board an aircraft

**Aircraft Operators** Procedures for managing suspected public health risk on board an aircraft

**Business Continuity Management Plans and Procedures for Airports, Airlines & ANSPs**



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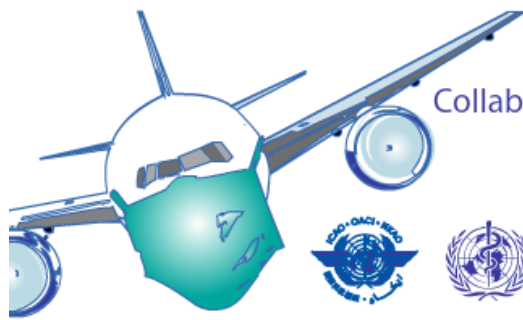
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# ICAO PUBLIC HEALTH RELATED SARPS

| Operation of Aircraft   | Facilitation  | Air Traffic Services  | Aerodromes  | The Safe Transport of Dangerous Goods by Air  | Air Traffic Management  |
|---|---|---|---|---|---|
| <p>Annex 1<br/>Minimum Operational Performance Standards and Procedures for Airworthiness, Crew Licensing, Flight Crew Resource Management, Cabin Crew, and Cabin Safety</p> <p>Annex 2<br/>Rules of the Air and Air Traffic Rules</p> <p>Annex 3<br/>Communication Procedures</p> <p>Annex 4<br/>Letters of Understanding on Air Services</p> <p>Annex 5<br/>Units of Measurement</p> <p>Annex 6<br/>Operation of Aircraft</p> <p>Annex 7<br/>Procedures for Reporting Incidents</p> | <p>Annex 8<br/>Facilitation</p> <p>Annex 9<br/>Facilitation</p> <p>Annex 10<br/>Facilitation</p> <p>Annex 11<br/>Facilitation</p> <p>Annex 12<br/>Facilitation</p> <p>Annex 13<br/>Facilitation</p> | <p>Annex 14<br/>Air Traffic Services</p> <p>Annex 15<br/>Air Traffic Services</p> <p>Annex 16<br/>Air Traffic Services</p> <p>Annex 17<br/>Air Traffic Services</p> <p>Annex 18<br/>Air Traffic Services</p> <p>Annex 19<br/>Air Traffic Services</p> | <p>Annex 1<br/>Minimum Operational Performance Standards and Procedures for Airworthiness, Crew Licensing, Flight Crew Resource Management, Cabin Crew, and Cabin Safety</p> <p>Annex 2<br/>Rules of the Air and Air Traffic Rules</p> <p>Annex 3<br/>Communication Procedures</p> <p>Annex 4<br/>Letters of Understanding on Air Services</p> <p>Annex 5<br/>Units of Measurement</p> <p>Annex 6<br/>Operation of Aircraft</p> <p>Annex 7<br/>Procedures for Reporting Incidents</p> | <p>Annex 1<br/>Minimum Operational Performance Standards and Procedures for Airworthiness, Crew Licensing, Flight Crew Resource Management, Cabin Crew, and Cabin Safety</p> <p>Annex 2<br/>Rules of the Air and Air Traffic Rules</p> <p>Annex 3<br/>Communication Procedures</p> <p>Annex 4<br/>Letters of Understanding on Air Services</p> <p>Annex 5<br/>Units of Measurement</p> <p>Annex 6<br/>Operation of Aircraft</p> <p>Annex 7<br/>Procedures for Reporting Incidents</p> | <p>Annex 1<br/>Minimum Operational Performance Standards and Procedures for Airworthiness, Crew Licensing, Flight Crew Resource Management, Cabin Crew, and Cabin Safety</p> <p>Annex 2<br/>Rules of the Air and Air Traffic Rules</p> <p>Annex 3<br/>Communication Procedures</p> <p>Annex 4<br/>Letters of Understanding on Air Services</p> <p>Annex 5<br/>Units of Measurement</p> <p>Annex 6<br/>Operation of Aircraft</p> <p>Annex 7<br/>Procedures for Reporting Incidents</p> |



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# IHR applicability to aviation

| Subject                                   | Pertinent articles               |
|---|----------------------------------|
| General obligations                       | Art 19, 20, Annex 1 B            |
| Health measures on arrival and departure  | Art 23, Annex 1B                 |
| Conveyances and conveyance operators      | Art 24, 25, Annex 4              |
| Communication and management of PH events | Art 27, 28, 30, 31, 32, Annex 1B |
| Health documents                          | Art 36, 38, Annex 6, 9           |
| Vector                                    | Art 9, 27, Annex 1B, 5           |



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# CAPSCA Global Activities

(Mar 2017 – Oct 2018)

- Computer modelling workshop on communicable disease
- JEE tools and processes workshop
- JEE protocol question discussion workshop
- Point of Entry workshop
- World Health Assembly
- World Economic Forum discussions
- PAGNET meeting in China
- Vector mapping workshop
- Aircraft disinsection workshop
- PHEMAT event training – Ghana, China, Zimbabwe



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# CAPSCA Global Activities

Mar 2017 – Oct 2018)

- National academies Insight Event: Airport Roles in Reducing Transmission of Communicable Diseases
- Healthy Airports initiative
- Humanitarian response to global natural disasters
- Ebola updates
- Implementation Airport Vector Control Registry
- Aviation Risk Assessment Tool for vector-borne disease
- Infectious Disease App on ICAO Aviation Medicine Web site

## EBOLA VIRUS DISEASE

Democratic Republic of the Congo

External Situation Report 12



# CAPSCA Regional Activities

(Mar 2017 – Oct 2018)

- Regional meetings
  - Belarus (EUR) – July 2017
  - Zimbabwe (Africa) – July 2017
  - Malaysia (AP) – Nov 2017
  - America's 2017 - postponed to 2018; then to 2019
  - Africa 2018 – PHEMAT training Ghana and Zimbabwe
  - EUR 2018 postponed to 2019
  - AP 2018 – November in combination with Aviation Medical Examiner workshop



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# CAPSCA EURO



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South American  
(SAM) Office  
Lima

ICAO  
Headquarters  
Montréal

Western and  
Central African  
(WACAF) Office  
Dakar

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North Atlantic  
(EUR/NAT) Office  
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(MID) Office  
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Eastern and  
Southern African  
(ESAF) Office  
Nairobi

Asia and Pacific  
(APAC) Sub-office  
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Asia and Pacific  
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THANK YOU

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