

ICAO update on CAPSCA project

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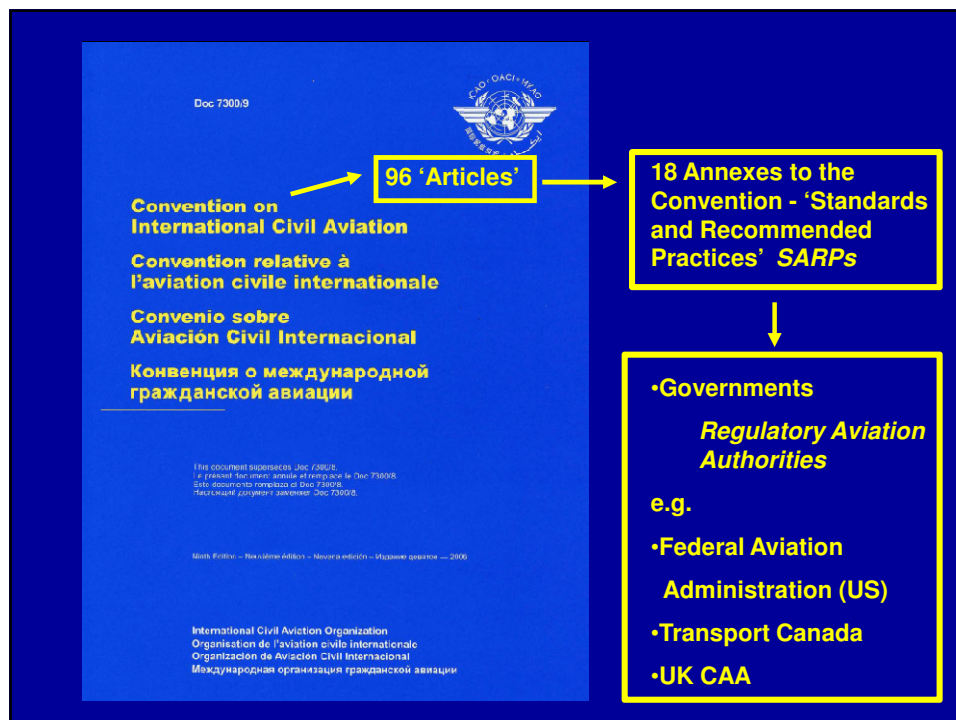
Plan

- International Convention and Annexes
- Basis for ICAO work in public health
- Annexes to Convention with health related provisions
- Recent changes (November 2009) to health related provisions
- ICAO Facilitation Panel (May 2010)

CAPSCA

Cooperative Arrangement for the Prevention of Spread of Communicable disease through Air travel

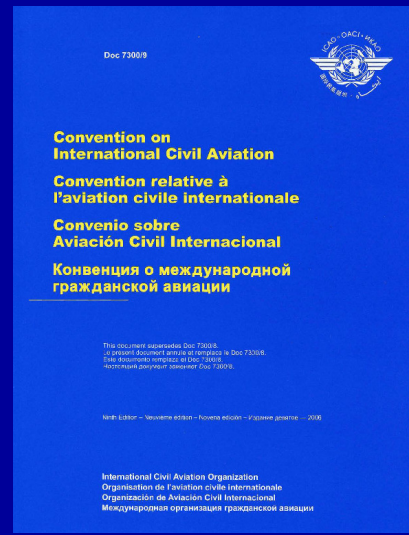
- **Goals**
 - Implementation of aviation related health requirements and guidelines
 - ICAO SARPs and guidance
 - WHO IHR (2005) and guidance
 - Training of personnel
 - Evaluation of international airports
 - Development of public health/aviation sector collaboration



Basis for Action - health

Article 14, International Convention on Civil Aviation:

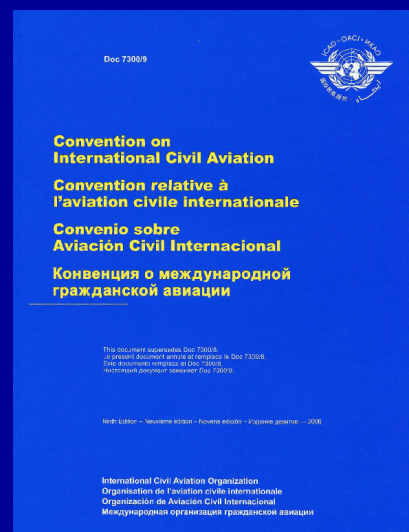
'Each contracting State agrees to take effective measures to prevent the spread by means of air navigation of cholera, typhus (epidemic), smallpox, yellow fever, plague, and such other communicable diseases as the contracting States shall from time to time decide to designate....'



Basis for Action - health

Article 14, International Convention on Civil Aviation:

....and to that end contracting States will keep in close consultation with the agencies concerned with international regulations relating to sanitary measures applicable to aircraft.'



18 ICAO Annexes contain 'SARPs'

- Annex 1 Personnel Licensing
- Annex 2 Rules of the Air
- Annex 3 Meteorological Service for International Air Navigation
- Annex 4 Aeronautical Charts
- Annex 5 Units of Measurement to be Used in Air and Ground Operations
- Annex 6 Operation of Aircraft *
- Annex 7 Aircraft Nationality and Registration Marks
- Annex 8 Airworthiness of Aircraft
- Annex 9 Facilitation *
- Annex 10 Aeronautical Telecommunications
- Annex 11 Air Traffic Services
 - Procedures for Air Navigation Services – Air Traffic Management (PANS-ATM) *
- Annex 12 Search and Rescue
- Annex 13 Aircraft Accident and Incident Investigation
- Annex 14 Aerodromes *
- Annex 15 Aeronautical Information Services
- Annex 16 Environmental Protection
- Annex 17 Security: Safeguarding International Civil Aviation Against Acts of Unlawful Interference
- Annex 18 The Safe Transport of Dangerous Goods by Air

Health-related changes to ICAO Annexes and associated procedures

Applicable (came into force)
November 2009

Annex 6 – *Operation of Aircraft*

6.2.2 An aeroplane **shall** be equipped with:
a) accessible and adequate medical supplies;

- Medical supplies **should** comprise:
 - First Aid Kits
 - Medical Kits
 - And...since November 2009...

Annex 6 – *Operation of Aircraft*

- **Universal Precaution Kit**
 - **Recommendation:** one per aircraft if cabin crew required
 - Two if > 250 passengers
- Contents (Annex 6 Attachment B):
 - Dry powder that can convert small liquid spill into a sterile granulated gel
 - Germicidal disinfectant for surface cleaning
 - Skin wipes
 - Face/eye mask (separate or combined)
 - Gloves (disposable)

Annex 11 – *Air Traffic Services*

2.30 Air traffic services authorities shall develop and promulgate contingency plans.....

Attachment C, Preparatory action... should include:

4.2(b) assessment of risk to civil air traffic due to military conflict or acts of unlawful interference with civil aviation as well as a review of the likelihood and possible consequences of natural disasters or **public health emergencies**.

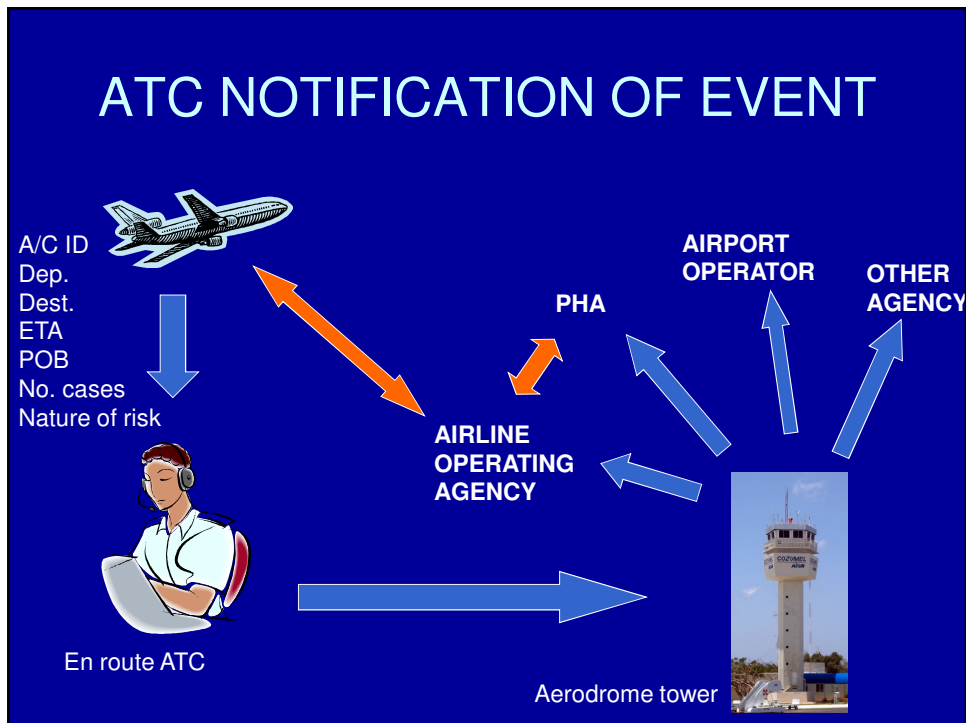
Procedures for Air Navigation Services – Air Traffic Management

• **Chapter 16**

16.6 Notification of suspected communicable diseases, or other public health risk, on board an aircraft:

16.6.1 The flight crew of an en-route aircraft shall, upon identifying a **suspected case(s) of communicable disease***, or other public health risk, on board the aircraft, promptly notify the ATS unit with which the pilot is communicating, the information listed below...

[* see aircraft gen dec for identification]



How does the crew know if they have a potential case of communicable disease on board?

Annex 9 – Facilitation Appendix 1 (2007 amendment) • Aircraft General Declaration

APPENDIX 1. GENERAL DECLARATION

GENERAL DECLARATION
(In case of doubt)

Operator: _____
 Mode of Nationality and Registration: _____ Flight No. _____ Date: _____
 Departure from: _____ (Date) Arrival at: _____ (Date)

FLIGHT OUTING
 ("Place" Column always to list origin, every en-route stop and destination)

PLACE	NAMES OF CREW*	NUMBER OF PASSENGERS ON THIS STAGE**	
		Departure Place	Arrival Place
		Through en-route flight	Through en-route flight
		Through en-route flight	Through en-route flight

Declaration of Health
 Name and seat number or function of persons on board with illnesses other than sickness or the effects of accidents, who may be suffering from a communicable disease (fever—temperature 38°C/100°F or greater—accompanied with one or more of the following signs or symptoms, e.g. appearing obviously unwell, persistent coughing, impaired breathing, persistent diarrhoea, persistent vomiting, skin rash, bruising or bleeding without previous injury, or confusion of recent onset, increases the likelihood that the person is suffering a communicable disease) as well as such cases of illness disembarked.

For official use only

Details of such diarrhoea or respiratory treatment given, date, time, method(s) during the flight. If no diarrhoea has been occurred during the flight, give details of recent onset diarrhoea.

Signed, if required, with time and date: _____
 Crew member concerned

I declare that all statements and particulars contained in this General Declaration, and in any supplementary forms required to be presented with this General Declaration, are complete, exact and true to the best of my knowledge and that all through emergency will consequences contained on the flight.

SIGNATURE _____
 (Indicated Signature File to be attached)

Declaration of Health
 Name and seat number or function of persons on board with illnesses other than airsickness or the effects of accidents, who may be suffering from a communicable disease:
Fever (38°C/100°F or greater)
plus one or more of the following signs or symptoms:

- Appearing obviously unwell
- Persistent coughing
- Impaired breathing
- Persistent diarrhoea
- Persistent vomiting
- Skin rash
- Bruising or bleeding without previous injury
- Confusion of recent onset

Annex 14 - Aerodromes • Chapter 9 – Aerodrome Emergency Planning

9.1.1 An aerodrome emergency plan shall be established at an aerodrome, commensurate with the aircraft operations and other activities conducted at the aerodrome.

Note 1.— Examples of emergencies are: aircraft emergencies, sabotage including bomb threats, unlawfully seized aircraft, dangerous goods occurrences, building fires, natural disaster and public health emergencies.

Note 2.— Examples of public health emergencies are increased risk of travellers or cargo spreading a serious communicable disease internationally through air transport and severe outbreak of a communicable disease potentially affecting a large proportion of aerodrome staff.

Annex 14 - Aerodromes

9.1.3 The plan shall coordinate the response or participation of all existing agencies which, in the opinion of the appropriate authority, could be of assistance in responding to an emergency.

Note 1.— Examples of agencies are:

— *on the aerodrome: air traffic control units, rescue and fire fighting services, aerodrome administration, medical and ambulance services, aircraft operators, security services, and police;*

— *off the aerodrome: fire departments, police, health authorities (including medical, ambulance, hospital and **public health services**), military, and harbour patrol or coast guard.*

Note 2.— Public health services include planning to minimize adverse effects to the community from health-related events and deal with population health issues rather than provision of health services to individuals.

Annex 9 – Facilitation (2007 amendment)

8.16 A Contracting State shall establish a national aviation plan in preparation for an outbreak of a communicable disease posing a public health risk or public health emergency of international concern.

Annex 9 – *Facilitation* (2007 amendment)

8.15.1 **Recommended Practice.**—for the purposes of tracing persons who may have been exposed to a communicable disease, [a] Contracting State should accept the “**Public Health Passenger Locator Card**” reproduced in Appendix 13 as the sole document for this purpose.

ICAO SARPs summary

- States shall have an aviation preparedness plan (Annex 9)
- Aerodrome Operators/Air Traffic Service Providers to include PH emergencies in emergency plan (Annex 11, 14)
- Identification of on board suspected case available (Annex 9, General Declaration)
- Communication procedures with ‘affected aircraft’ established (PANS-ATM)
- On board medical supplies should include ‘universal precaution kit’ (Annex 6)

ICAO Facilitation Panel

Montreal, May 2010

- Review of all health-related SARPs in Annex 9 – *Facilitation*
- Align with IHR (2005), e.g.
 - ‘Infected area’ to ‘affected area’
 - Harmonization of language with IHR
 - Addition of text concerning ‘additional measures’
- Consultation with WHO
- Aim to finalise text by end of year

Summary

- Reviewed International Convention and Annexes
- Outlined recent changes (November 2009) to health related provisions
- Mentioned some earlier changes (Annex 9)
- Described ICAO Facilitation Panel (May 2010)

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