

Cooperative Arrangement for the
Prevention of Spread of Communicable Disease
through Air Travel (CAPSCA) Arreglos de cooperación para prevenir la
propagación de enfermedades transmisibles
mediante los viajes aéreos

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International Civil Aviation Organization

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★2.28 When disinsection has been performed in accordance with procedures recommended by the World Health Organization, the Contracting State concerned shall accept a pertinent certification on the General Declaration as provided for in Appendix 1 or, in the case of residual disinsection, the Certificate of Residual Disinsection set forth in Appendix 4.

★APPENDIX 4. CERTIFICATE OF RESIDUAL DISINSECTION

★The <u>treatment must be renewed</u> if cleaning or other operations remove a significant amount of the residual disinsection product, and in any case within 8 weeks of the above date



- ★2.29 When <u>disinsection</u> has been properly performed pursuant to 2.25 and a <u>certificate</u> as indicated in 2.28 is presented or made available to the public authorities in the country of arrival, the authorities shall normally accept that certificate and <u>permit passengers and crew to disembark immediately from the aircraft</u>.
- ★2.27 Contracting States shall, upon request, provide to aircraft operators appropriate information, in plain language, for air crew and passengers, explaining the pertinent national regulation, the reasons for the requirement, and the safety of properly performed aircraft disinsection





- ★2.4 Contracting States shall not prevent an aircraft from calling at any international airport for public health reasons unless such action is taken in accordance with the International Health Regulations (2005) of the World Health Organization.
- ★8.12 Contracting States shall comply with the pertinent provisions of the International Health Regulations (2005) of the World Health Organization



- ★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.
 - Note 2.— Annex 11 Air Traffic Services and Annex 14 Aerodromes, Volume I Aerodrome Design and Operations require air traffic services and aerodromes to establish contingency planning or aerodrome emergency plans, respectively, for public health emergencies of international concern.



- ★ 8.15 The pilot-in-command of an aircraft shall ensure that a suspected communicable disease is reported promptly to air traffic control, in order to facilitate provision for the presence of any special medical personnel and equipment necessary for the management of public health risks on arrival.
 - ★ Note 3.— Annex 6 Operation of Aircraft describes the "on board" medical supplies that are required to be carried on aircraft. The Procedures for Air Navigation Services Air Traffic Management (Doc 4444) (PANS-ATM) detail the procedures to be followed by the pilot-in-command in communication with air traffic control.
- ★ 2.11 A Contracting State requiring a General Declaration shall limit its information requirements to the elements indicated in Appendix 1.
 - ★ APPENDIX 1. GENERAL DECLARATION

Annex 9 – Facilitation Appendix 1

★General Declaration (e.g. Apollo 11)

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Declaration of Health			n same flight
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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



★8.15.1 Recommended Practice.— When a public health threat has been identified, and when the public health authorities of a Contracting State require information concerning passengers' and/or crews' travel itineraries or contact information for the purposes of tracing persons who may have been exposed to a communicable disease, that Contracting State should accept the "Public Health Passenger Locator Card" reproduced in Appendix 13 as the sole document for this purpose.

★APPENDIX 13. PUBLIC HEALTH PASSENGER LOCATOR CARD

Annex 9 — Facilitation Appendix 13

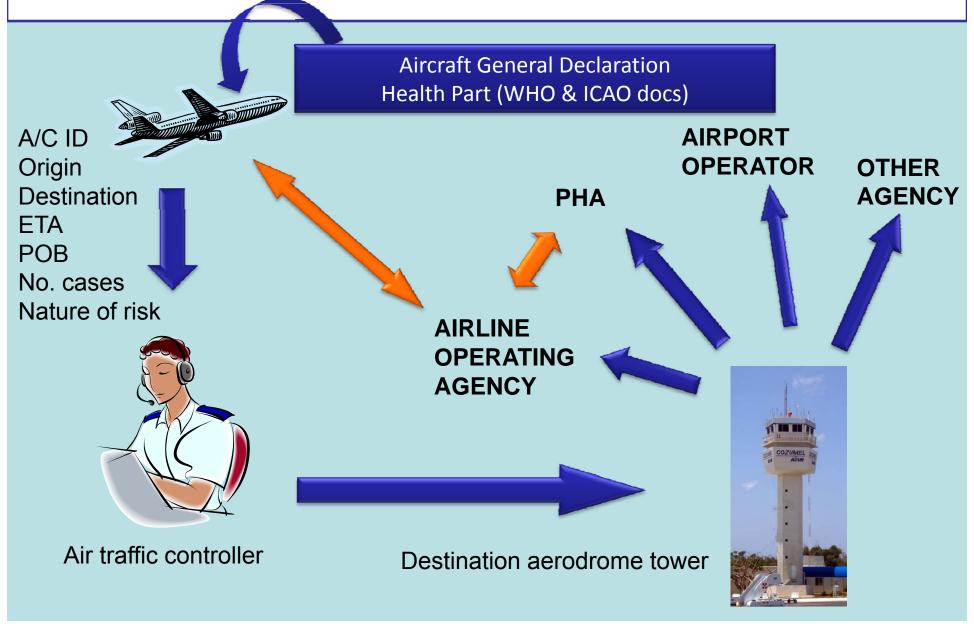
DUBLIC HEALTH BASSENCER LOCATOR CARD

Public Health Passenger Locator Card to be completed when recommended by the World Health Organization or when public health authorities suspect the presence of a communicable disease. The information you provide will assist the public health authorities to manage the public health event by enabling them to trace passengers who may have been exposed to communicable disease. The information collected will be held by the public health authorities in accordance with applicable law and will be used only for public health purposes.

Flight Information					
1. Airline and Flight Number	2. Date of arrival	3. Seat Number where you actually sat on the aircra.			
		, and an old and			
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Personal Information					
4. Name					
Family Name	Given N	Jama(e)			
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Street Name and Number	City	State/Province			
C	ZIP/Postal Code				
Country					
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Public Health Passenger Locator Card

MANAGING AN ON-BOARD CASE AND NOTIFICATION TO DESTINATION





CAPSCA Origin

- **★** SARS 2003
- ★ Avian Influenza (H5N1) 2005
- ★ CAPSCA launched in Asia-Pacific 2006
- ★ WHO International Health Regulations IHR (2005) 2007
- ★ ICAO Public Health Emergency related SARPs in Annexes 6, 9, 11, 14 and PANS-ATM (Doc 4444) 2007 & 2009
- ★ Influenza A(H1N1) 2009
- ★ Haiti cholera outbreak 2010
- ★ Fukushima nuclear power plant accident 2011
- ★ E. Coli in Europe 2011
- ★ Contagion movie 2011



CAPSCA Context

★ Humanitarian cause to protect public health

★Multi-sector collaboration – UN agencies and national authorities and service providers

★International cooperation between States and Organisations

★Assistance to States



CAPSCA Objectives

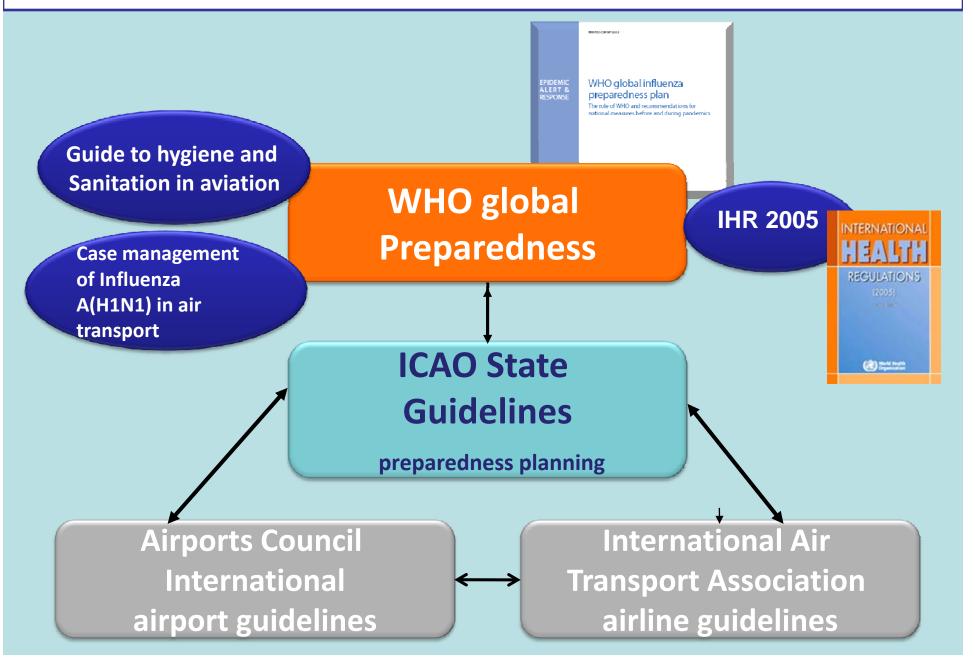
- ★Public Health Protection by preventing the spread of communicable diseases through air travel – air travellers, airport and airline personnel, and general public
- ★ National communication, collaboration and coordination amongst civil aviation authorities, public health authorities, airports, air navigation service providers (ATC), airlines, tourism authorities and emergency/disaster response agencies.
- ★Regional cooperation amongst States and Organizations a mechanism for pooling and sharing expert resources.



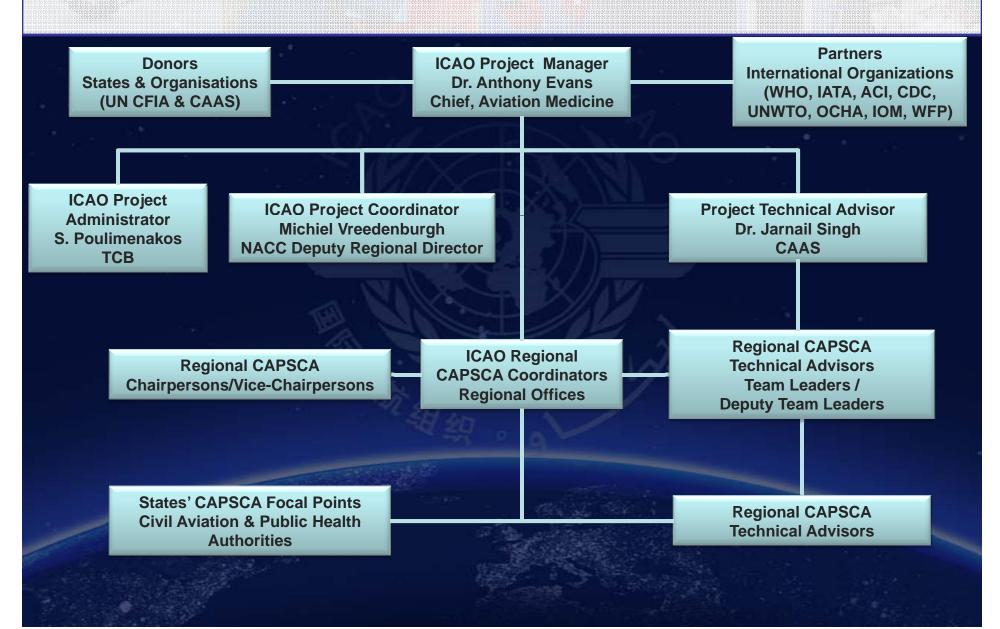
CAPSCA Programme

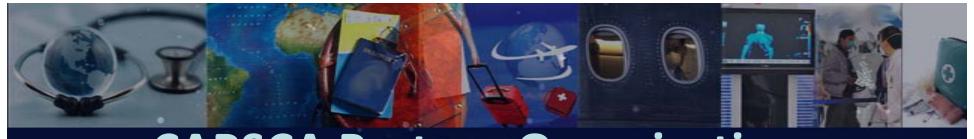
- ★Assistance to States to establish, maintain, validate and improve the aviation sector preparedness within national public health emergency plans and develop core capacities:
 - ★adherence to Article 14 of the Convention;
 - ★Implementation of Assembly Resolution A37-13;
 - ★ compliance with ICAO SARPs (Annexes 6, 9, 11, 14 and 18), Procedures (PANS-ATM) and FAL Manual;
 - ★ compliance with WHO IHR (2005) for designated airport points of entry;
 - ★implementation of ICAO, WHO, ACI and IATA guidelines.

Interlinking guidelines



CAPSCA Global Organisation





CAPSCA Partner Organisations







United Nations Control Fund for influence Action supports



Office for the Goodbastion of Humanitarian Affers



















ICAO CAPSCA Regional Projects

	Asia-Pacific	Africa	Americas	Europe	Middle East
Year of Establishment	2006	2007	2009	Sept. 2011	Dec. 2011
No. Member States	18	17	28	6	1
State Technical Advisors Trained by ICAO (OJT completed)	1	4	11	0	0
State & Airport Assistance Visits Completed	9	5	18	0	0



CAPSCA Americas Member States (28)



Argentina



Chile



Guatemala



Panama



Bahamas



Colombia



Guyana



Peru



Barbados



Costa Rica



Haiti



Suriname



Belize



Cuba



Honduras



Trinidad and Tobago



Bolivia



Dominican Republic



Jamaica



United States



Brazil



Ecuador



México



Uruguay



Canada



El Salvador



Nicaragua



Venezuela

CAPSCA Americas Organisation

Donor States &
Organisations
(UN CFIA & CAAS)
Project Technical Advisor
Dr. Jarnail Singh

ICAO Project
Administration
Technical Cooperation
Bureau

ICAO Project Manager
Dr. Anthony Evans
Chief, Aviation Medicine
ICAO Project Coordinator
Michiel Vreedenburgh
NACC Deputy Regional Director

Partner International Organizations (WHO/PAHO, IATA, ACI, IFALPA, ALTA, WFP, CDC, OCHA, UNWTO, IOM, IAMA)

ICAO Regional Coordinators Lía Ricalde (SAM) Jaime Calderon (NACC)

Chairperson
Dr. Patricia Barrientos
Colombia
Vice-Chairman
Dr. R. Manoharsingh
Barbados

Technical Advisors Team Leader
Dr. Valente Aguilar
Mexico
Deputy Team Leader
TBD

Technical Advisors

Member States & Territories Civil Aviation Authorities & Public Health Authorities





CAPSCA Resources

★ Donors - UN CFIA, CAAS (Expert)

★ Principal International Organization Partner – WHO

★ Member States' Technical Advisors

★ Meeting Hosts (ICAO Regional Offices & States)



CAPSCA Americas States' Trained Technical Advisors





ICAO CAPSCA Achievements

- ★ 5 Regional Projects
- **★** Partner Organisations
- ★ 70 Member States
- ★ 32 State and Airport Assistance Visits
- ★ 16 Trained State Technical Advisors with OJT for Assistance Visits
- ★ Template for National Aviation PHE Preparedness Plan
- ★ Amendments to five ICAO Annexes (6, 9, 11, 14, 18)
- ★ CAPSCA assistance visit guidelines, checklist, report template
- **★** CAPSCA web site
- ★ Incorporation of questions on PHE preparedness in ICAO USOAP
- ★ WHO collaboration on training and visits
- ★ National implementation of CAPSCA methodology
- ★ Assembly Resolution A37-13 all States agree to join CAPSCA

ICAO Assembly 37th Session October 2010



ICAO Assembly Resolution 37-13 October 2010









CAPSCA Web

- ★www.capsca.org
- ★Global, Americas, APAC, AFI & EUR sections; MID to follow
- ★ICAO and Partner Organisation technical references, links and contacts
- ★ Draft Template for an Aviation Plan for a Public Health Emergency of International Concern
- ★ State national, airport, airline & ANSP Plans
- ★ Meeting reports, working papers and presentations
- ★ Assistance visit guidelines, checklists and report template
- ★webmaster@capsca.org

ICAO SARPs & Guidelines



ICAO Cooperative Arrangement for the Prevention of Spread of Communicable Disease through Air Travel (CAPSCA)



Introduction

such as pandemics, is a key role for the International Civil Aviation

Cooperative Arrangement for the Prevention of Spread of Communicable disease through Air travel) international, regional, efforts and develop a coordinated approach.

CAPSCA Objectives

Public Health Protection - general public, air travellers and aviation personnel

- adherence to Article 14 of the Convention on International Civil Aviation;
- compliance with related ICAO SARPs (Annexes 6, 9, 11 and 14) and Procedures (PANS-ATM);
- ompliance with WHO IHR (2005) regulations; and
- implementation of ICAO, WHO, ACI and IATA guidelines

Training of airport evaluators, evaluation of airports, development of core capacities, and provision of advice to States and Territories.

Further development and improvement of guidelines for the aviation sector.























Regional







References







www.CAPSCA.org





ICAO Cooperative Arrangement for the Prevention of Spread of Communicable Disease through Air Travel (CAPSCA)









ICAO Forms



Convention Articles, Assembly Resolutions, Council Decisions a Declarations & Press Releases

Subject	Languages and File Format
CAPSCA Flyer	
Article 14 - Prevention of Spread of Disease, Convention on International Civil Aviation (Doc 7300)	
ICA O Assembly A 37-WP/396 P/60 — Report of the Technical Commission on Agenda I tems 42 and 43 (05/10/10) containing the Assembly Resolutions related with CAPSCA — 42/1 (A 37-13) Prevention of spread of communicable disease through air travel; and 43/1 (A 37-14) Non-chemical disinsection of the aircraft cabin and flight deck for international flights	
ICA O Assembly A 37-WP/58 TE/14 - Improved management of communicable disease in the aviation sector through multi-sector collaboration (14/07/10)	
ICAO Assembly A 37-WP/200 TE/114 — The role of civil aviation in natural disasters (27/09/10)	
ICA O Assembly A 37-WP/147 TE/78 — Emergency preparedness and response (10/09/10)	
Assembly Resolution A35-12: Protection of the health of passengers and crews and prevention of the spread of communicable disease through international travel	
State Letter EC 6/22-10/51 (22 June 2010) — National aviation plan: communicable diseases	
State Letter AN 5/17.4-09/75 (9 October 2009) — ICAO Council Dedaration related to the current Influenza A(H1N1) pandemic	
EB 2009/13 (6 May 2009) — Influenza A(H1N1) — Encouraging a Harmonized Response	
PIO 06/09 (20 May 2009) — ICAO Drives Pandemic Contingency Plans for Aviation Sector	

SARPs & Guidelines

	Languages and File Format
Subject	EN FR ES RU AR ZH
ICAO Health Related Documents	
Guidennes ron states concerning the Management of Communicable Disease Posing a Serious Public Health Risk	
Template For An Aviation Public health Emergency Preparedness Plan	

	Languages and File Format
Subject	EN FR ES RU AR ZH
Annex 9 — Facilitation, Appendix 1 — General Declaration	
Appendix – Passenger Locator Card	

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ICAO CAPSCA Benefits (1)

- ★ Improved and harmonized emergency response planning, preparedness and management
- ★ Multi-sector framework and network within State, between States and between International Organisations
 - **★**Global
 - **★** Regional
 - **★** National
 - **★**Local
- **★** Communication
- **★** Coordination
- ★ Cooperation
- **★** Collaboration

(Principles of Facilitation)



ICAO CAPSCA Benefits (2)

- *Reduced impact of public health emergencies on populations:
 - ★ Reduced/mitigated spread of disease
 - ★ Delayed spread of disease
 - ★ Peak effects of disease reduced
- ★ Optimize resources for PHE response
- ★ Proportional response encouraged 'knee jerk' reactions minimised
- ★ Mitigation of economic and social effects
- ★ Timely and planned return to normal operations
- ★ Improved management of risk perception for air passengers and aviation personnel
- ★ Synergistic development of standards and guidance, utilising resources from different sources, both public and private



Common Actions required by States

- ★ Aviation and public health authorities to have formal framework, agreement and procedures for working together on the national PHEP for aviation
 - ★ Requires collaboration of government at ministerial level
- ★ Civil aviation regulations should include PHE related SARPs
- ★ AEPs should include procedures and protocols for PHEs harmonised with national PHEP for aviation sector
- ★ CAA and PHA should jointly review the AEP
- ★Personnel need training in AEP and AEP should be exercised
- ★Whole of Society Approach to emergency planning needs consideration



ICAO CAPSCA Ongoing Activities

- ★ Continue to foster collaboration between civil aviation and health sectors – WHO/ICAO, PHA/CAA, Government authorities/industry service providers, etc.
- ★ Facilitate implementation of relevant parts of WHO IHR(2005)
- ★Increase State membership (e.g. Paraguay)
- **★**Meetings
- **★**Training
- **★**Assistance visits
- **★**Guidance
- ★ Web resource



ICAO CAPSCA Future Development

- ★ State Action Plans and implementation of CAPSCA Assistance Visit Recommendations
- ★ Regional Coordinators to follow-up with States
- *Review lessons learned and improve the assistance visit process
- ★ Analyse observed regional trends and recommend typical actions
- ★ Promote national implementation of CAPSCA concept
- ★ CAPSCA Follow-up Visits to States
- ★ Business continuity and communications guidance
- ★ Expand scope of CAPSCA beyond communicable diseases to incorporate all types of event with the potential to become a public health emergency with an international impact
- ★ Passenger screening methods survey and research

Audit - Organization

			Guidance for		Evidence/Notes/
ICAO ref.	Protocol question	Reply	review of protocol question	Status of implementation	Evidence/Notes/ Comments
	ORG: prevention of co	mmunicable (disease		
CC Art 14 A9 8.12 & 8.16 A37-13	Has the State identified a clear contact point at national aviation level, with identified individual(s), for policy formulation, operational organization of preparedness and coordination of a national plan in order to respond to a communicable disease with the potential to pose a serious public health risk?	☐ Yes☐ No If yes, provide name and contact details			New question

Audit – Operations

ICAO ref.	Protocol question	Reply	Guidance for review of protocol question	Status of implementation	Evidence/N otes/ Comments
	OPS: prevention of com	nmunicabl	e disease		
A9 8.15 Note 1 A9 2.10 & App1 A6 6.2 and AttB	Does the aircraft operations organization ensure that the air operator has established a procedure for the crew to evaluate a traveller with a suspected communicable disease, based on the presence of a fever and certain other signs or symptoms?	□ Yes □ No	Review operations inspectors procedures to ensure they check air operators related procedures Sample an air operator procedure in operations manual or cabin crew manual Check the procedure includes the transmission, as required, of a General Declaration form to the State authorities.	□ Satisfactory □ Not satisfactory	

Audit – Operations

ICAO ref.	Protocol question	Reply	Guidance for review of protocol question	Status of implementation	Evidence/N otes/ Comments
	OPS: prevention of comm	municable dise	ase		
A9 8.15 PANS ATM Doc 4444 16.6.1	Does the aircraft operations organization ensure that the air operator has established procedures for the pilot in command to report promptly to ATC a suspected communicable disease?	□ Yes □ No	Review operations inspectors procedures to ensure they check air operators related procedures Sample an air operator procedure in operations manual Ensure, in the procedure, that the following information is transmitted by the crew: a) aircraft identification; b) departure aerodrome; c) destination aerodrome; d) estimated time of arrival; e) number of persons on board; f) number of suspected case(s) on board; and g) nature of the public health risk, if known.	□ Satisfactory □ Not satisfactory	

Audit – Air Navigation Services

ICAO ref.	Protocol question	Reply	Guidance for review of protocol question	Status of implementation	Evidence/Not es/ Comments
	ANS: prevention of com	municable	disease		
PANS Doc 4444 16.6. 2 & 16.6.3	Does the State ensure that the ATS has established a procedure, upon receipt of information from a pilot regarding a suspected case of communicable disease, to forward a message as soon as possible to: the ATS unit serving the destination/departure if applicable the public health authority (PHA) or the appropriate authority designated by the State the aircraft operator or its designated representative the aerodrome authority?	□ Yes □ No	Review procedure and mechanism established to ensure the message is forwarded to the appropriate entities, especially that relating to transfer of information from the destination ATS unit to the public health authority Review the mechanism to ensure the contact details of each entity are up to date and available During industry visit ensure the procedure is known by the staff and contact details of the entities are available	□ Satisfactory □ Not satisfactory	

Audit - Aerodromes

ICAO ref.	Protocol question	Reply	Guidance for review of protocol question	Status of implementation	Evidence/Not es/ Comments
	AGA: prevention of comm	unicable dise	ase		
STD A14, Vol. I 9.1.1 to 9.1.3 RP A14, Vol. I 9.1.4 & 9.1.5 GM Doc 9734 Part A 2.4.7 GM Doc 9774 App. 1 4.3	AGA 8.291 Has the State promulgated regulations for aerodrome operators to develop emergency plans, including appropriate cooperation and coordination with other entities involved in the provision of emergency services and the development of the plans?	□ Yes □ No	Include emergencies which may occur in the vicinity of an aerodrome Sample aerodrome manual Review regulation and manuals to ensure inclusion of public health emergencies and coordination with public health services	□ Satisfactory □ Not satisfactory	

Audit – Air Navigation Services

ICAO ref.	Protocol question	Reply	Guidance for review of protocol question	Status of implementation	Evidence/Notes / Comments
	ANS: prevention of comm	nunicable d	isease		
STD A11 2.30 Att. C	ANS 7.153 Does the State ensure that contingency plans have been developed and promulgated for implementation in the event of disruption or potential disruption of ATS or related supporting services?	□ Yes □ No	Review documented evidence for inclusion of contingency plans in respect of <u>public health</u> <u>emergencies</u>	□ Satisfactory □ Not satisfactory	



Proposed Amendment 23 to Annex 9

- ★State Letter Ref.: EC 6/3-12/14 dated 17 February 2012
- ★ New improved Appendix 13 Public Health Passenger Locator Form to replace existing card
- ★To enhance data sharing and efficiency of response by public health authorities in the event of a public health emergency of international concern, such as a pandemic or large-scale epidemic
- ★ Developed in collaboration with WHO, IATA and CDC
- ★ Action required: Comments to ICAO by 19 April 2012
- ★Applicable February 2013

Proposed Revised Passenger Locator Form (Card)

		PUBLIC HEALTH PASSENGER LOCATOR	CARD	
Public Health Passenger Locator Form: To protect your health, public health difficen need you to complete this form whenever they suspect a communicable disease onboard a flight. Your information will help public health different to contact you if you were exposed to a communicable disease. It is important to fill out this form completely and accurately. Your information is intended to be held in accordance with privacy laws and used only for public health purposes. "Thonk you for helping us to protect your health."		information you provide will assist the pub may have been exposed to communicable	olic health authorities to manage the pu e disease. The information is intended	rities suspect the presence of a communicable disease. Thi bilic health event by enabling them to trace passengers who to be held by the public health authorities in accordance with
One form should be completed by an adult member of each family. Print in capital (uppercase) letters. Leave blank boxes for spaces.		applicable law and to be used only for publ	lic health purposes.	
FLIGHT INFORMATION: 1. Airline name 2. Flight number 3. Seat number 4. Date of arrival (dd/mm/yyyy)		Flight Information	0.01.6.1.4	
		1. Airline and Flight Number	2. Date of arrival	3. Seat Number where you actually sat on the aircra
PERSONAL INFORMATION: 5. Last (Family) Name 6. First (Given) Name 7. Middle Initial 8. Your sex		Airline Flight Number	DD MM YYYY	
PHONE NUMBER(S) where you can be reached if needed. Include country code and city code.	1.0	Personal Information	55 1111	
9. Mobile 10. Business		4. Name		
11. Home 12. Other	1			
13. Email address		Family Name	Gi	ven Name(s)
PERMANENT ADDRESS: 14. Number and street (Separate number and street with blank box) 15. Apartment number		Your Current Home Address (including country)		
	(0 x 1	Street Name and Number	City	State/Province
16. City 17. State/Province				
18. Country 19. ZiP/Postal COGE		Country	ZIP/Postal Code	
	1000	Your Contact Phone Number (Residential or Bus	siness or Mobile)	$1 \circ (0)$
TEMPORARY ADDRESS: If you are a visitor, write only the first place where you will be staying.				
20. Hotel name (if any) 21. Number and street (Separate number and 3		Country code Area code Phone Number	E-mail address	
23. City 1. Sunti				
	سامه	Pasport or Travel Document Number	less Country/Ore to	tion
25. Country 25. 235 /Frest	-	Contact Information		
		5. Address and phore nu where you ca	poted a gyour day visiting m.	was places, your cell phone and initial address
EMERGENCY CONTACT IN		Shart Name and Market		Clate (Day in an
27. Last (Family) Name 29. City		Street Name and Number	M)	State/Province
		Country	ZIP/Postal Code T	elephone Number (including country code) or mobile phone numbe
30. Country 31. Email				s, in case of emergency or to provide critical health information to you
32. Mobile phone 33. Other phone		Please provide the name of a close personal co	ontact or a work contact. This must NOT be y	you.
	0	a. Name		
34. TRAVEL COMPANIONS – FAMILY: Only include age if younger than 18 years		Family Name	G	iven Name(s)
Last (Family) Name First (Given) Name Seat number Age <18		b. Telephone Number		To The Indian
(3)				
(3)		Country Code Area Code Phone Number	E-mail address	
(4)	-	c. Address		
(5)	1000	Street Name and Number	City	State/Province
	(2) 100			
35. TRAVEL COMPANIONS - NON-FAMILY: Also include name of group (if any)	405	Country	ZIP/Postal Code	
Last (Family) Name First (Given) Name Group (tour, teom, business, other)		7. Are you traveling with anyone else?	YES/NO Circle appropriate response. In	f so, who? (name of Individual(s) or Group)
	建	7. Are you havening with anyone ease?	тъзнио оные арргорнате response. П	so, mio: (name oi individual(s) di Gloup)
(3)	1			



Next CAPSCA Activities in Chile

★CAPSCA Assistance Visit to Chile and Santiago Arturo Merino Benítez International Airport, May 2012

★ Chile Technical Advisor (Dr. Flores) to participate in ICAO CAPSCA Assistance Visits to other States and airports

★4th CAPSCA Americas & 3rd CAPSCA Global Coordination Meeting – Santiago, Chile, 8 – 12 October 2012

