

# COVID-19: Global feedback on Public Health Management

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CAPSCA MID

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# ICAO SAFETY ICAO Council Aviation Recovery Task Force (CART)

#### **Representatives**

#### Representatives from Member States

Australia, Canada, China, Colombia, Costa Rica, Côte d'Ivoire, France (CART Chairperson), Saudi Arabia, Singapore, Spain, United Arab Emirates, United Kingdom, United States, and Zambia

Representatives from international and regional organizations

UNWTO, WHO, AUC, EU/EASA, ACAO, ECAC, and LACAC

Representative from industry

ACI, CANSO, IATA, and ICCAIA

#### Aviation public health-related measures

**Recommendation 4**: Global and regional harmonization of procedures is essential to strengthen public and passenger confidence in air travel. To that end, Member States should establish aviation public health procedures aligned with the guidance in the *Take-off: Guidance for Air Travel through the COVID-19 Public Health Crisis*.

**Recommendation 5**: In order to support the fastest possible return to normal aviation operations, Member States should regularly review the necessity of continuing the application of risk mitigation measures as the risk of COVID-19 transmission diminishes; and measures which are no longer needed should be discontinued.



# **CAPSCA Public Health Corridors**

#### An Implementation Mechanism of the CART



Recommendations 4 & (5): Global and regional harmonization of procedures ... to strengthen public and passenger confidence in air travel. ... Member States should establish aviation public health procedures aligned with the guidance in the Take-off: Guidance for Air Travel through the COVID-19 Public Health Crisis & (discontinuation)



CREW MODULE	AIRCRAFT MODULE	AIRPORT MODULE	CARGO
(PHC Form 1)	(PHC Form 2)	(PHC Form 3)	MODULE
C19 TEST OK CREW			

Multilayer strategy : crew and passenger education, physical distancing, processes and technology to reduce physical contact, use of face masks, temperature screening, health declarations, COVID-19 testing, cleaning & disinfection procedures, ventilation & air filtering, modification of airport layouts, managing passengers with suspected COVID-19 infection, assistance with contact tracing, staff protection

- CAPSCA checklists, Assistance Visits, PHC Validation process and flow chart
  - Industry Assistance: IATA self-assessment, ACI accreditation, etc.
  - \* Reporting framework - State, CRRIC and ICAO
  - Sharing of implementation information for mutual recognition by States, bilateral & multilateral agreements and opening of air travel through Public Health Corridors

#### **ICAO Global and Regional Implementation Roadmaps**

ICAO/CAPSCA

ENGAGEMENT

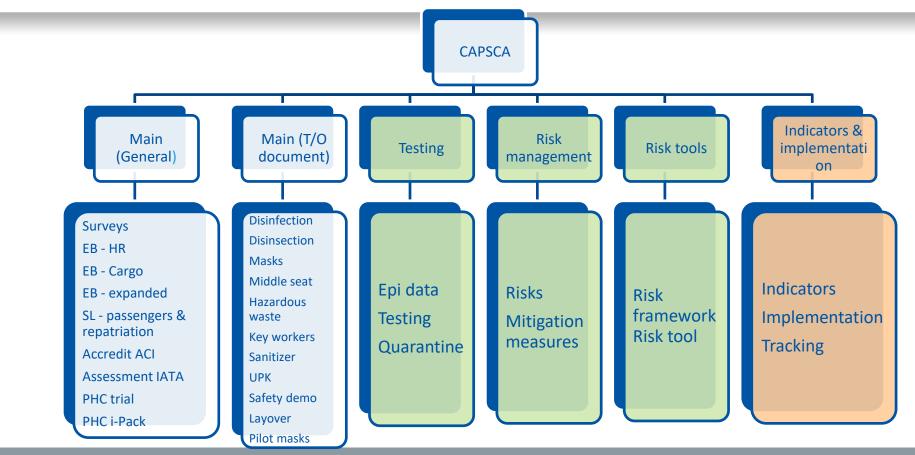


## CAPSCA PHC

	C19 Tok K CREW		SOLATIZ COCCEPT		
<ul> <li>Passenger</li> <li>Education</li> <li>Behaviour</li> <li>Transport to airport</li> <li>✓ Communication</li> <li>✓ Health Declaration</li> <li>? Testing</li> </ul>	<ul> <li>✓ Training</li> <li>✓ Behaviour</li> <li>✓ Reporting for duty</li> <li>✓ Health Declaration</li> <li>✓ Flight crew segregation</li> <li>✓ Fast track</li> <li>✓ Health monitoring</li> <li>✓ Manage ill crew</li> <li>✓ Layover</li> <li>? Testing</li> <li>? Isolation</li> <li>? Quarantine</li> </ul>	<ul> <li>Departure airport ***</li> <li>Epidemiology data</li> <li>Transmission pattern</li> <li>Bilateral agreement</li> <li>Airport access</li> <li>Ventilation/ AC</li> <li>Physical Distancing</li> <li>Use of masks/ PPE</li> <li>Cleaning/ Disinfection</li> <li>Control sheet</li> <li>Contactless processes</li> <li>Manage ill passenger</li> <li>Cargo handling</li> <li>Boarding</li> <li>Exit Screening – visual</li> <li>Temperature screening</li> <li>Airport accreditation</li> </ul>	<ul> <li>In-flight</li> <li>✓ Ventilation</li> <li>✓ HEPA</li> <li>✓ Aircraft design</li> <li>✓ Boarding</li> <li>✓ Seat assignment</li> <li>✓ Baggage</li> <li>✓ Distancing</li> <li>✓ Use of masks/ PPE</li> <li>✓ Disinfection</li> <li>✓ Hand sanitizer</li> <li>✓ Passenger Interaction</li> <li>✓ Lavatory</li> <li>✓ UPK</li> <li>✓ Medical Kit</li> <li>✓ Manage ill passenger</li> <li>✓ Air Operator Assessment</li> </ul>	<ul> <li>Arrival airport ***</li> <li>Acceptable risk</li> <li>Airport parking</li> <li>PHA boarding procedures</li> <li>Separate pathways</li> <li>Transit</li> <li>Airport Access</li> <li>Ventilation/AC</li> <li>Physical Distancing</li> <li>Use of masks/ PPE</li> <li>Cleaning/ Disinfection</li> <li>Contactless procedures</li> <li>Managing ill passenger</li> <li>Cargo handling</li> <li>Entry Screening – visual</li> <li>Temperature screening</li> <li>Airport accreditation</li> </ul>	Public Health - Secondary assessment - Self- monitoring - Contact Tracing ? Isolation ? Quarantine
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### **CAPSCA & CART II**



02/12/2020

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### **CART Phase II Outcomes**



HIGH-LEVEL COVER DOCUMENT TAKE-OFF GUIDANCE DOCUMENT 2<sup>nd</sup> Edition Testing and Cross-border Risk Management Measures Manual (Doc 10152)



### 2nd Edition of "Take-off" Guidance Document (TOGD)

# Update of existing modules

- AVSEC screening
- Disinfection & Disinsection
- Crew & layovers
- Passengers with disabilities

#### New text

- General hygiene
- Face coverings and masks
- Passengers with disabilities
- Mental health
- Hazardous waste management

New references for noncommercial aviation

 References to industry material



# **CART Phase II Recommendations**

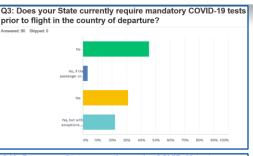
- Recommendation 12 (Aviation safety-related measures). States should put in place the necessary measures
  to mitigate risks associated with prolonged regulatory alleviations and should not extend alleviations (both core
  and extended CCRDs) beyond 31 March 2021, unless circumstances dictate otherwise. In addition, States are
  encouraged to facilitate access to medical and training facilities, including flight simulation training devices
  used for flight crew (national and foreign) to maintain their certifications, recency of experience and proficiency.
- Recommendation 13 (Testing and cross border risk management measures). While testing is not universally
  recommended by public health authorities as a routine health screening method, States contemplating testing in
  their COVID-19 risk management strategy should apply the approach outlined in the ICAO Manual on Testing
  and Cross Border Risk Management Measures.
- Recommendation 14 (Public Health Corridors (PHCs)). States considering the formation of a PHC should actively share information with each other to implement PHCs in a harmonized manner. To facilitate implementation of PHCs, the ICAO Implementation Package (iPack) on establishing a PHC is available to States.

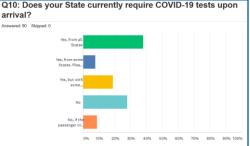


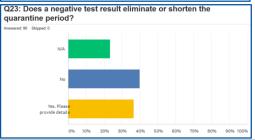
### **Recommendation 13**

### **Testing and cross border risk management measures**

- Testing has been implemented by some States as a routine health screening method
- It could reduce reliance on quarantine
- Sovereign decision of a State to assess implementing testing as part of a multi-layer risk management strategy
- Based on a State's risk assessment and risk tolerance
- **Factors** include epidemiology assessment and transmission patterns, public health capacity, limitations of testing technology, test performance and operational challenges
- Guidance contained in the updated **TOGD and the ICAO** *Manual on Testing and Cross Border Risk Management Measures*
- Implementation through PHC









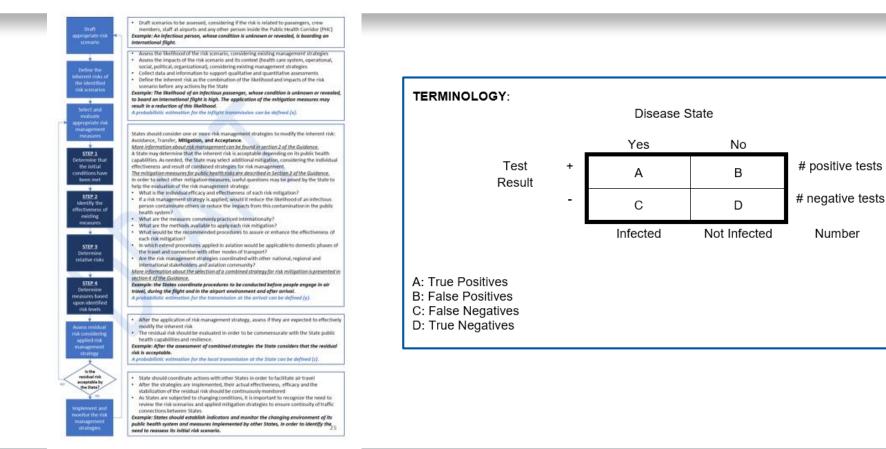
### Testing and Cross Border Risk Management Measures Manual



- **Risk based & evidence based** approach to support States in implementing a multilayer risk management strategy.
- **Risk Management Framework** with a decision-making tool to determine the risk of transporting potentially infectious passengers and/or importing COVID-19.
- Advice on factors States could consider should they elect to implement testing, as well as guidance on how to implement testing.
- Recognizing the sovereignty and authority of States over their national recovery, taking into account **national frameworks and public health capacities**.
- First edition published November following WHO review, **undergoing review**
- Living document with regular updates as technology advances and evidence evolves



### **Manual tools**



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multilateral discussions - harmonization of measuresFormed through mutual recognition of public health<br/>mitigation measures between StatesGuidance contained in the updated TOGD and the ICAOEstablish<br/>Public Health

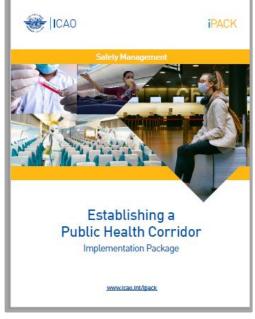
- Guidance contained in the updated TOGD and the ICAO Manual on Testing and Cross Border Risk Management Measures
- ICAO facilitates implementation of PHCs through the ICAO Implementation Package (iPack) on establishing a PHC

A PHC opens **one or more routes** between cities, regions

Also referred to as **'travel bubbles'' or "air bridges''** 

Necessitates sharing of information and bilateral/







and States

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### **PHC Objectives**

- Ensure continued flight operations with minimal restrictions
- **Mitigate the spread** of COVID-19 through air travel
- Protect the **health and safety** of crew and passengers
- Harmonized procedures and requirements
- Open travel within and between States to resume normal travel

### I-pack objectives

- Assess implementation of public health measures, conduct
   a gap analysis and determine an action plan
- Develop a COVID-19 aviation **risk assessment framework**
- Manage the risk of transporting potentially infectious passengers or importing/ translocating the virus
- Implement a multi-layer risk management strategy (evidence & performance based)
- Share mitigation measures and best practices
- Engage in **bilateral or multilateral discussions**



- Documents:
  - ICAO: SARPs & PANS-ATM; State Letters, Electronic Bulletins, CART reports, CART Take Off Guidance Document, GIR; Testing and Cross-Border Risk Management Measures Manual
  - **CAPSCA** partner guidance material and other associated guidance material.
- **Tools:** checklists; frameworks; decisions aids; templates; accreditations; forms and posters; online reporting systems; PHC Application.
- Training:
  - CAPSCA and ICAO PHC on-line courses
  - Standardized & competency-based training (Phase II)
- Workshops:
  - Introductory/ familiarization webinars;
  - Workshops with customized hands-on exercises (under development)
- Expertise: Subject Matter Experts (SME), supporting CAAs remotely



### **CAPSCA Checklist**

- Multilayer Mitigation Strategy
   Checklist
- Priority Travel Assessment
   Checklist
- Aviation Testing Assessment Checklist
- CAPSCA COVID-19 Assistance Review Checklist



#### COLLABORATIVE ARRANGEMENT FOR THE PREVENTION AND MANAGEMENT OF PUBLIC HEALTH EVENTS IN CIVIL AVIATION (CAPSCA)

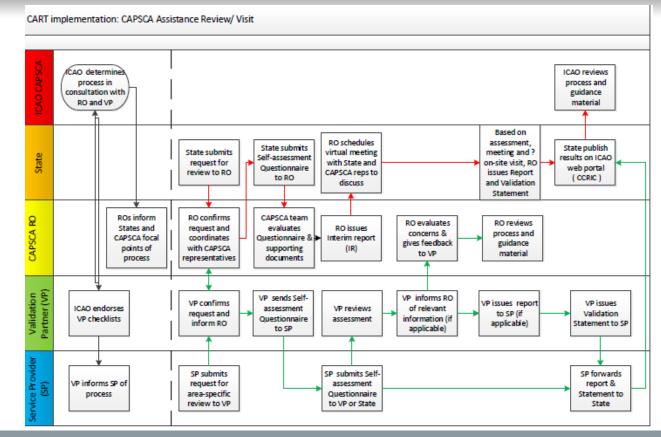
#### MANAGEMENT OF COVID-19 IN AVIATION - CHECKLIST

To be completed by the State civil aviation in collaboration with the public health and other relevant national authorities to review and enhance preparedness and response plans as part of the CAPSCA Assistance Visit Programme.



# **Assistance Review Framework**

CAPSCA Public Health Corridor COVID-19 Assistance Review (PHC COVID-19 Review)



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### **Assessment & Accreditation**



### ACI Airport Health Accreditation

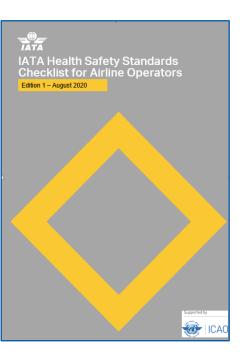


- CAPSCA Assistance Review
- CAPSCA Partners

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- IATA Health Standard Checklist for Airline Operators
- ACI Airport Health Accreditation Programme





### **PHC Example**



#### Flying to Singapore? Here's how the travel bubble works

A step-by-step guide to everything you need to know.

# Am I eligible for travel bubble flights?

Information on the requirements to fly.

# Your travel bubble checklist

A definitive checklist of everything to get done before you fly.

# Travel bubble FAQs

All your questions answered, from testing to arrival procedures.



## **PHC On-line**

- Online reporting systems:
  - COVID-19 Response and Recovery Implementation Centre (CRRIC) ICAO CART web site
  - Global COVID-19 Airport Status ICAO CART web site
  - Flight information App CAPSCA web site
  - ACI list of accredited airports
  - PHC Application



- Scheduled manual review
- Working with FAL and other sections on vaccination potential inclusion in CAPSCA Manual and PHC
- Develop more tools and courses for the PHC
- Parameters and monitoring
- Data elements for test report various challenges
- Testing certificate
- Assessment travel passes



## **Upcoming CAPSCA Activities**

- Items for Annex 9
- Other SARPS in other Annexes
- CAPSCA assistance visits
- Literature reviews and projects
- Publications



### SAFETY

### **CAPSCA and the HIOATF**

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

Aviation Medicine Section Reporting to ANB ANC (Air Navigation Commission) USOAP audits CAPSCA Assistance Visits

#### IHR

Convention Annex 6 : Operation of aircraft Annex 9: Facilitation Annex 11: Air Traffic Services Annex 14: Aerodromes Annex 18: Dangerous Goods Annex 19: Safety Management PANS ATM: Air traffic management procedures Health Issues Outbreaks in Aviation Task Force

Facilitation Section Reporting to ATB ATC (Air Transport Committee) USAP audits National Air Transport Facilitation Committees

IHR

Convention Annex 9: Facilitation



### **CAPSCA and the HIOATF**

CAPSCA	HIOATF
<ul> <li>Annex 6 – Operation of aircraft</li> <li>Accessible and adequate medical supplies</li> </ul>	<ul> <li>Entry and Departure of Aircraft</li> <li>Compliance with IHR</li> <li>Disinfection</li> <li>Disinsection</li> </ul>
<ul> <li>Annex 14 - Aerodromes</li> <li>Services and equipment</li> <li>Aerodrome Emergency Plan</li> </ul>	<ul> <li>Entry and Departure of Persons and their Baggage</li> <li>Certificates and facilities - vaccination/ prophylaxis</li> <li>Facilities quarantine</li> </ul>
	<ul> <li>International Airports — Facilities and Services For Traffic Health clearance border and control services</li> <li>Facilities required for implementation of public health, emergency medical relief, vaccination, and animal and plant quarantine measures;</li> <li>Health and consumable products and waste in airports</li> </ul>



### **CAPSCA and the HIOATF**

CAPSCA	HIOATF
<ul> <li>Annex 11 – Air Traffic Services</li> <li>Air Traffic Services Contingency Plan</li> <li>Annex 18 – Dangerous goods</li> <li>Annex 15 – Aeronautical Information</li> <li>Services</li> </ul>	<ul> <li>Facilitation Provisions Covering Specific Subjects</li> <li>Relief flights and their passengers and cargo</li> <li>IHR (Vaccination and Prophylaxis) and contact tracing</li> </ul>
Annex 19 – Safety management	• National aviation plan in preparation for an outbreak of a communicable disease
<ul> <li>PANS-ATM – Procedures for Air</li> <li>Navigation Services - Air traffic</li> <li>management</li> <li>Identification and communication of communicable diseases</li> </ul>	Air Transport Facilitation coordination





