Public Health Corridor role in Aviation Recovery Plan
The Public Health Corridor Concept (PHCC)

- Ensure continued flight operations with minimal restrictions on aircraft operations
- Prevent the spread of COVID-19 through air travel
- Protect the health and safety of crew and passengers
- Coordinated approach with harmonized procedures and requirements
PHC Principles

- Aligned to WHO COVID-19 guidance material

- Risk-based approach specific to aviation operational environment

- Taking into account safety management principles

- Use guidance material and consult with aviation stakeholders and public health authorities

- Monitor scientific developments and update guidance material accordingly
Focus on essential flights

Cargo, repatriation and humanitarian flights

87 responses received (45%)

Analysis of information

Informs guidance material development

Template under development

To be updated on the website on a real-time basis
### CAPSCA Survey Crew disembarkation and layovers

<table>
<thead>
<tr>
<th>Feature</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crew restricted to layover hotel choice</td>
<td></td>
</tr>
<tr>
<td>Facilitated access for crew to hotels, transport</td>
<td></td>
</tr>
<tr>
<td>24 hour access to food and rest</td>
<td></td>
</tr>
<tr>
<td>Crew can remain in airport during layover</td>
<td></td>
</tr>
<tr>
<td>Separate fast-track pathway for crew</td>
<td></td>
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<tr>
<td>Crew can leave aircraft for pre-flight checks</td>
<td></td>
</tr>
<tr>
<td>Remain on-board for quick turn-around flights</td>
<td></td>
</tr>
<tr>
<td>Required to stay on board for extended periods</td>
<td></td>
</tr>
<tr>
<td>Crew not allowed entry into State</td>
<td></td>
</tr>
</tbody>
</table>

- **No answer**: 
  - Crew restricted to layover hotel choice (13%)
  - Facilitated access for crew to hotels, transport (10%)
  - 24 hour access to food and rest (10%)
  - Crew can remain in airport during layover (12%)
  - Separate fast-track pathway for crew (11%)
  - Crew can leave aircraft for pre-flight checks (6%)
  - Remain on-board for quick turn-around flights (6%)
  - Required to stay on board for extended periods (5%)
  - Crew not allowed entry into State (6%)

- **Yes**: 
  - Crew restricted to layover hotel choice (31%)
  - Facilitated access for crew to hotels, transport (24%)
  - 24 hour access to food and rest (23%)
  - Crew can remain in airport during layover (33%)
  - Separate fast-track pathway for crew (26%)
  - Crew can leave aircraft for pre-flight checks (32%)
  - Remain on-board for quick turn-around flights (34%)
  - Required to stay on board for extended periods (34%)
  - Crew not allowed entry into State (26%)

- **No**:
  - Crew restricted to layover hotel choice (56%)
  - Facilitated access for crew to hotels, transport (44%)
  - 24 hour access to food and rest (33%)
  - Crew can remain in airport during layover (44%)
  - Separate fast-track pathway for crew (60%)
  - Crew can leave aircraft for pre-flight checks (57%)
  - Remain on-board for quick turn-around flights (60%)
  - Required to stay on board for extended periods (68%)
  - Crew not allowed entry into State (68%)

Legend: No answer, No, Yes
CAPSCA Survey Entry screening

Health alerts issued:
- Yes: 95
- No: 4
- No answer: 0

Designated transport for assessment:
- Yes: 89
- No: 6
- No answer: 5

Segregation measures crew and pax on board (%):
- Yes: 47
- No: 13
- No answer: 0

Designated healthcare facility:
- Yes: 90
- No: 5
- No answer: 5

Distancing measures on board (%):
- Yes: 52
- No: 36
- No answer: 12
CAPSCA Survey Entry screening

- **Health clearance required**
  - No: 67
  - Crew: 14
  - Pax: 13
  - All occupants: 5
  - No answer: 0

- **Health declaration form on arrival**
  - No: 48
  - Crew: 24
  - Pax: 27
  - All occupants: 0
  - No answer: 0

- **COVID-19 Screening questionnaire**
  - No: 38
  - Crew: 4
  - Pax: 13
  - All occupants: 0
  - No answer: 0

- **Observation screening**
  - No: 69
  - Crew: 16
  - Pax: 4
  - All occupants: 10
  - No answer: 0

- **Mandatory temp measurement**
  - No: 66
  - Crew: 24
  - Pax: 7
  - All occupants: 0
  - No answer: 0
CAPSCA COVID-19 Guidance material: Flight crew & Essential Cargo Operations

IMPLEMENTING A PUBLIC HEALTH CORRIDOR TO PROTECT FLIGHT CREW DURING THE COVID-19 PANDEMIC (CARGO OPERATIONS)

Presented by the Collaborative Arrangement for the Prevention and Management of Public Health Events in Civil Aviation (CAPSCA)

*Note: Although this guidance has been developed for flight crew conducting cargo operations, it is applicable to flight crew for all types of flight operations.

Guidance Material Format
- Applicability
- Target concerns
  - Transmission of COVID-19
  - Management of crew
- Key considerations
  - Science of virus transmission
  - Preventing virus transmission
  - Risk assessment
- Guidelines at all times
  - Aircraft disinfection
  - General crew actions
- Specific guidelines
  - Airports
  - Pre-flight
  - In-flight
  - Post-flight
  - Layover/ transits

Appendix C

CREW COVID-19 STATUS CARD

Purpose of this card:
Information needs to be recorded by Flight Crew prior to departure to confirm their health status relating to COVID-19, and to facilitate processing by State Public Health Authorities.

Notwithstanding completion of this card, a crew member might still be subjected additional screening by the Public Health Authority as part of a multi-layer prevention approach e.g. when recorded temperature is > 37.5°C

1. During the past 14 days, have you had close contact (face-to-face contact within 1 meter and for more than 15 minutes or direct physical contact) with someone who had symptoms suggestive of COVID-19?

   Yes ☐ No ☐

2. Have you had any of the following symptoms during the past 14 days:

   Fever ☐ Yes ☐ No ☐
   Coughing ☐ Yes ☐ No ☐
   Breathing difficulties ☐ Yes ☐ No ☐

3. Temperature at duty start:

   Temperature not recorded due to individual not feeling/ appearing febrile ☐

   Temperature in degrees C/ F: ☐/ ☐
   Date: ☐/ ☐/ ☐
   Time: ☐/ ☐
   Recording method: Forehead ☐ Ear ☐ Other ☐

4. Have you had a positive PCR COVID-19 test?

   Yes ☐ No ☐

   Please attach report if available

Crew member Identification:

Name: ☐
Airline/ aircraft operator: ☐
Nationality and Passport No: ☐
Signature: ☐
Date: ☐
## CAPSCA COVID-19 Guidance material: Flight crew & Essential Cargo Operations

<table>
<thead>
<tr>
<th>Public Health Partners</th>
<th>Global CAPSCA Partners</th>
<th>ICAO Medical Provisions Study Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. WHO</td>
<td>1. IATA</td>
<td>1. Civil Aviation Authority of Singapore</td>
</tr>
<tr>
<td>2. U.S. CDC</td>
<td>2. ACI</td>
<td>2. UK Civil Aviation Authority</td>
</tr>
<tr>
<td>3. ECDC</td>
<td>3. IFALPA</td>
<td>3. Transport Canada</td>
</tr>
<tr>
<td>Regional CAPSCA and other Partners</td>
<td>5. IBAC</td>
<td>5. Civil Aviation Administration of China (CAAC)</td>
</tr>
<tr>
<td>1. EASA</td>
<td>6. IOM</td>
<td>6. South African Civil Aviation Authority</td>
</tr>
<tr>
<td>2. European Union</td>
<td>7. IMO</td>
<td>7. Civil Aviation Safety Authority (CASA)</td>
</tr>
<tr>
<td>5. MedAire</td>
<td></td>
<td>10. Egyptian Aviation Academy</td>
</tr>
<tr>
<td>6. American Association of Professional Flight Attendants (APFA)</td>
<td></td>
<td>11. Nigerian Civil Aviation Authority</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12. Jordan Civil Aviation Authority</td>
</tr>
</tbody>
</table>
### PHC Considerations

#### Aeronautical Considerations
- **License Validity (training/medical)**
  - Pilots
  - ATCOs
  - Technicians
- **Cleared airspace**
- **Maintenance of the A/C**
  - C of A validity
  - Storage of A/C & Return to Service

#### Facilitation Considerations (Annex 9*)
- **Entry and departure of aircraft**
  - Exemptions/Authorizations
- **Aircraft documentation**
  - General Declaration**
  - Passenger Locator Form**
  - Passenger manifest
  - Cargo manifest
- **Travel documents and passenger data**
- **Clean A/C (Certified)**
  - Disinfection/Cleaning of the a/c**
- **Clean Facilities (Certified)**
  - Dedicated COVID parking lots
  - Dedicated COVID handling procedures
  - Dedicated COVID lanes for border control/security

#### Public Health Considerations (CAPSCA)**
- **Implementation**
  - International Health Regulations*
  - Communicable disease outbreak national aviation plan*
  - National facilitation plans*
  - Incremental guidelines – cargo, humanitarian, repatriation, passengers
- **Clean Crew (Certified)**
  - Pre-Checks/Tests
  - COVID19 kit
- **Clean Facilities (Certified)**
  - Airport certification
  - Transport modes
  - Dedicated COVID accommodation
- **Clean Passenger**

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PASSENGER CONFIDENCE
PHC Scope

CLEAN CREW (Form1)
- C19 TEST OK
- CREW
- VALID LICENSE

CLEAN AIRCRAFT (Form2)
- C19 OK
- C19 Kit
- PPE
- C19 TEST
- Medical Kit
- Etc...

C19 KIT
- C19 OK
- VALID LICENSE

ISOLATED COCKPIT
- COVID-19 FREE
- ISOLATED COCKPIT
- COVID-19 FREE

CLEARED AIRSPACE
- VALID LICENSE
- ATC OK
- FLIGHT PLAN

ARRIVAL CLEARANCE (App)
- Parking Lot
- OPERATIONAL
- CLEAN CERTIFICATION

CLEAN A/P FACILITIES (Form3)
- CREW STAYS IN THE PLANE
- CLEAN A/P FACILITIES
- HOME BASE
- Arrival Screening
- CREW RESTS
- HOME BASE
- Arrivals Screening
- OPERATIONAL
- CLEAN CERTIFICATION

HOME BASE
- Arrivals Screening
- CREW STAYS IN THE PLANE
- OPERATIONAL
- CLEAN CERTIFICATION

CREW STAYS IN THE PLANE
- CREW STAYS IN THE PLANE
- OPERATIONAL
- CLEAN CERTIFICATION

OPERATIONAL
- CLEAN CERTIFICATION

CREDS
- CREDENTIALS

PHC COVID-19 FREE
- PHC COVID-19 FREE
**PHC Modules**
(Apply measures in relevant modules to type of operation)

- **Crew**
  - Flight crew
  - Cabin crew
  - Ground crew
  - Other crew
  - Layover
    - Airport-hotel-airport transportation
    - Hotel accommodations

- **Aircraft**
  - Flight deck
  - Passenger cabin
  - Cargo compartment
  - Maintenance

- **Airport**
  - Disembarking support equipment
  - Vehicles to transport crew from terminal building to aircraft
  - Terminal building
    - Security access
    - Security Screening
    - Outbound/inbound border control
    - Baggage claim
    - Arriving passenger pick-up

- **Cargo**
  - Airport handling
  - Loading and unloading

- **Passenger**
  - Pre-flight
  - Departure to the airport
  - Check-in
  - Self-bag drop
  - Boarding
  - Inflight
  - Disembarking
  - Baggage claim
  - Departure from airport

- **Work in progress by CART DG2**
# Public Health Corridors (PHC)

<table>
<thead>
<tr>
<th>Public Health Corridor</th>
<th>Clean Crew</th>
<th>Clean Aircraft</th>
<th>Clean Airport Facilities</th>
<th>Clean Passenger</th>
<th>Clean Cargo</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVID-19 FREE</td>
<td>![Crew Icon]</td>
<td>![Aircraft Icon]</td>
<td>![Facilities Icon]</td>
<td>![Passenger Icon]</td>
<td>![Cargo Icon]</td>
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**Guidance Material**

- IATA
- EASA
- ICAO
- AIAC
- MOVE
- Universal Postal Union
- IATA

**Forms (Status Card)**

- CAPSCA
- IOSA
- ISAGO
- CAPSCA
- IOSA
- ISAGO
- CAPSCA
- IOSA
- ISAGO

**Certification**

- UK CAA – PHC Trail PAX & Cargo

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*GM: Developed by CART DG2 and coordinated with ANC*
PHC SUPPORT SYSTEM

• Distributed Credentials Management
  o Civil Aviation authorities can issue, view and revoke credentials for certifying staff and certificate holders (crew member, aircraft, airport facilities)
  o Credentials are issued in form of QR-Codes
  o Information is stored in a central private block chain for high security

• Mobile information access through smartphones
  o A dedicated mobile app will be used to check and update certification related information of certificate holders
  o The mobile app can also be used to check the credentials of any certifying staff by scanning the staffs QR-Code
  o Certifying staff can update the information of the certificate holder by scanning the QR-Code of the certified entity through the dedicated mobile app
  o Scanning a QR-Code without the app will display public information about the certificate holder and its currency