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RESTART AND RECOVERY OF AIR OPERATIONS

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ICAO initiatives on COVID-19 recovery

- ICAO Council's Aviation Recovery Task Force (CART) recommendations and annexed *'Take-off'* guidance document
 - Global Implementation Roadmap (GIR)
 - Other initiatives
- <https://www.icao.int/covid/Pages/default.aspx>



An example of ICAO Guidance Material to cope with COVID-19

- Aerodromes
 - Alleviation for aerodrome certification
 - Closure of aerodromes
 - Resuming aerodrome operations



Guidance Material on the ICAO website

- A sample checklist is provided to help ensure safety and efficiency in restarting aerodrome operation.
- <https://www.icao.int/safety/COVID-19OPS/Pages/aga.aspx>

Sample Checklist – Aerodrome Operations

Broadly covering areas for assessment of the airport preparedness to resume normal operations

The intention of this checklist is to facilitate a quick check for aerodromes resuming operations after an extensive lockdown/ reduced operations period due to the COVID-19 pandemic. It is not an exhaustive list since detailed checks/inspections are done as a part of the State's safety oversight of aerodromes. Items may be added or excluded from the checklist based on local conditions, taking into consideration whether aerodromes are resuming operations after complete closure or increasing operations from minimal traffic.

Under these extraordinary circumstances and to facilitate a quick recovery, it is not envisaged to obtain approvals from State's regulator through this checklist for resuming aerodrome operations. However, State's regulator may decide to mandate aerodrome operators to complete and submit this or equivalent checklist customized to suit the local conditions.

Note: Resuming aerodrome operations may involve facilitation and security aspects, such as, facilities required for implementation of public health requirements (IHR 2005), border control (custom, immigration and quarantine), cleanliness/disinfection of terminal facilities and services for passengers, access control, etc. This checklist does not include areas associated with Facilitation (Annex 9) and Security (Annex 17) matters.

Items	Areas/Topic to be covered	References <i>Add related local regulations from CAA</i>	Action taken* <i>Attach supporting documents as required</i>	Remarks
A	Aerodrome infrastructure			
A1	Visual aids for Navigation <i>Including but not limited to the status of all markings, lights including calibration of PAPI, signs, status of obstacle lights, etc.</i>	Annex 14 Vol I, Aerodrome Design Manual (Doc 9157 Part 4), Airport Services Manual (Doc 9137 Part 9)		
A2	Electrical systems <i>Including but not limited to the status of primary and secondary power supply systems supporting airfield lighting and radio navigation aids, etc.</i>	Annex 14 Vol I, Aerodrome Design Manual (Doc 9157 Part 5), Airport Services Manual (Doc 9137 Part 9)		
A3	Non-visual Aids for Navigation <i>Status of radio navigation aids, especially of those which were not in use during the lockdown period i.e. VOR/DME, ILS for a specific runway.</i>	Annex 10 Vol I, Manual on Testing of Radio Navigation Aids (Doc 8071), PANS - Aerodromes (Doc 9981)		
A4	Rescue and Fire Fighting <i>Including but not limited to the status of fire fighting equipment, extinguishing agents and readiness of personnel to meet the RFF category and response time requirements, status of access roads,</i>	Annex 14 Vol I, Airport Services Manual (Doc 9137 Part 1)		



Collaborative Arrangement for the Prevention and Management of public health events in Civil Aviation - CAPSCA



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
- Corvid-19 - 2019



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



PHCC 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



PH Considerations

<u>Aeronautical considerations</u>	<u>Facilitation Considerations (Annex 9*)</u>	<u>Public Health Considerations (CAPSCA)**</u>
<ul style="list-style-type: none">• License Validity (training/medical)<ul style="list-style-type: none">○ Pilots○ ATCOs○ Technicians• Cleared airspace• Maintenance of the A/C<ul style="list-style-type: none">○ C of A validity○ Storage of A/C & Return to Service	<ul style="list-style-type: none">• Entry and departure of aircraft<ul style="list-style-type: none">○ Exemptions/ Authorizations• Aircraft documentation<ul style="list-style-type: none">○ General Declaration**○ Passenger Locator Form**○ Passenger manifest○ Cargo manifest• Travel documents and passenger data**• Clean A/C (Certified)<ul style="list-style-type: none">○ Disinfection/ Cleaning of the a/c**• Clean Facilities (Certified)<ul style="list-style-type: none">○ Dedicated COVID parking lots○ Dedicated COVID handling procedures○ Dedicated COVID lanes for border control/security	<ul style="list-style-type: none">• Implementation<ul style="list-style-type: none">○ International Health Regulations*○ Communicable disease outbreak national aviation plan*○ National facilitation plans*○ Incremental guidelines – cargo, humanitarian, repatriation, passengers• Clean Crew (Certified)<ul style="list-style-type: none">○ Pre-Checks/Tests○ COVID19 kit• Clean Facilities (Certified)<ul style="list-style-type: none">○ Airport certification○ Transport modes○ Dedicated COVID accommodation• Clean Passenger



Challenges in restarting operations

- Coordination with PHA, aircraft operators, ANSPs, Aerodrome operators, etc., to address the needs/concerns of all the stakeholders, before initiating operations at an aerodrome.
- Gather information from aerodrome operators on the levels of services that will be provided if they are operating at reduced capacity, such as duration of operations, reduced Rescue and Fire Fighting Services (RFF) category (due to all cargo operations or changes in aircraft operations), available runways, taxiways, and parking stands
- Resuming operations after a full or partial aerodrome closure involves extensive preparatory checks to ensure safe and efficient aircraft operations.



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THANK YOU!