

COVID-19 SAFETY PUNCH LIST— SAFETY ASPECTS OF REDUCTION/CESSATION OF OPERATIONS

Flight Operations

People

- Ensure staff available to operate reduced schedule or ad-hoc flights
 - Possible prolonged staff loss due to sickness
- Consider skills, knowledge and qualification distribution across the route network
- Consider increased flight data monitoring to identify precursors
- Consider impact of interrupted training (initial and recurrent)
- Consider use of enhanced crew complements to help maintain currency
- Consider management pressures on min fuel, etc.
- Consider crew currency and knowledge of available airfields
- Consider physiological requirements for crews at airports and on layovers (hotels, food, etc)
- Consider the fatigue risk boundaries
- Consider effects of increased pressure on the remaining crews to service the program as more crews isolate
- Ensure availability of adequately trained check flight crews

Process

Pre-Flight

- Consider increased attention to the accuracy and currency of NOTAMS
- Consider evaluation of possible destinations and proactively risk assess and organize: Airport analysis and risk assessment
- Consider creating semi-permanent crew pairings
- Consider the use of an out-and-back policy for flights to avoid stays at outstations where practicable
- Confirm timely availability of required regulatory approvals
- Consider applying for waivers if necessary
- Consider SOPs for airlines that do not routinely operate cargo only
- Consider a process for carriage of engineers
- Consider mutual support to facilitate movement of cargo aircrews when passenger flight schedules are reduced
- Consider mitigations for insufficient flight training device capacity to maintain crew currency

COVID-19 SAFETY PUNCH LIST—
SAFETY ASPECTS OF REDUCTION/CESSATION OF OPERATIONS

Flight Operations (continued)

Process

Pre-Flight

- Consider weight and balance issues due to unusual load factors
 - Cabin safety for passenger main decks
 - Consider emergency equipment for carrying cargo in passenger cabins
 - Consider Dangerous Goods Regulations and policy

Flight

- Consider the available air traffic service level
- Consider the availability of en-route and destination diversions
- Consider risk analysis and processes for unusual operations, e.g. mixed passenger/cargo
- Consider limiting access to aircraft by ground staff for non-essential activities
- Consider availability of transport and hotels
- Consider raising crew awareness of last-minute changes to loads, e.g no shows, rebookings from other airlines
- Ensure limited crew exposure during turn around; consider limiting crew walk-arounds
- Ensure availability of maintenance at outstations
- Consider spare aircraft planning/availability for ‘aircraft on ground’ at outstation
- Ensure coordination between network planning, flight ops and maintenance when storing aircraft
- Consider management and nature of ferry flights to maintenance bases for aircraft storage

Technical

- Consider aircraft storage plan (short, medium, long-term).
 - Rolling short-term storage may breach AMM
- Ensure maintenance plan reflects expected flying rates
- Ensure that all required ground services are available
- Ensure that the fuel service meets regulatory standards
- Ensure that the de-icing service meets regulatory standards
- Ensure transport back to base for crew having delivered aircraft to maintenance bases for shutdowns