

## **Accidents**

An accident means an occurrence associated with the operation of an aircraft, which in the case of a manned aircraft, takes place from the time any person boards the aircraft with the intention of flight until such time as all such persons have disembarked; or in the case of an unmanned aircraft, takes place between the time the aircraft is ready to move with the purpose of flight until such time it comes to rest at the end of the flight and the propulsion is shut down, in which: there is fatality or serious injury as a result of being in the aircraft; direct contact with any part of the aircraft, including parts which have become detached from the aircraft; or direct exposure to jet blast, except where the injuries arise from natural causes, are self-inflicted or inflicted by other persons, or where the person injured is a stowaway hiding outside the areas normally available to passengers and crew; or the aircraft sustains damage and/or structural failure which:

Adversely affects the structural strength, performance or flight characteristics of the aircraft; and would normally require major repair or replacement of the affected component, but excludes engine failure or damage when the damage is limited to a single engine (including its cowlings or accessories) or to propellers, wing tips, antennas, tyres, brakes, fairings, small dents or puncture holes in the aircraft skin (such as small dents or puncture holes); minor damage to main rotor blades, tail rotor blades, landing gear; and minor damage resulting from hail or bird strike (including holes in the radome); or the aircraft is missing\* or completely inaccessible.

**Note:** An aircraft is considered missing when the official search has been terminated and the wreckage has not been located.

## **Serious injury**

*"Serious injury", in relation to a person, means an injury which:*

Requires hospitalization for a period of more than 48 hours; such period commencing within 7 days from the date of the injury; results in a fracture of any bone other than a simple fracture of any finger, toe or the nose; involves lacerations which cause severe hemorrhage, nerve, muscle or tendon damage; involves injury/trauma to any internal organ; involves second or third degree burns or any burns affecting more than 5% of the body surface; or involves verified exposure to infectious substances or injurious radiation.

## **Serious incident**

A serious incident means an incident involving circumstances indicating that there was a high probability of an accident. Examples include:

- A near collision requiring avoidance manoeuvre to avoid a collision, or an unsafe situation or where an avoidance action would have been appropriate.
- A controlled flight into terrain only marginally avoided.
- An aborted take-off on - a closed or engaged runway, an unassigned runway; or a taxiway (excluding any aborted take-off by a helicopter, which take-off had been authorized by the aerodrome operator and the aerodrome control tower).

- A take-off from - a closed or engaged runway, an unassigned runway; or a taxiway (excluding any take-off by a helicopter that is authorized by the aerodrome operator and the aerodrome control tower).
- A landing or an attempted landing on - a closed or engaged runway, an unassigned runway; or a taxiway (excluding any landing or attempted landing by a helicopter, which landing had been authorized by the aerodrome operator and the aerodrome control tower).
- A gross failure to achieve predicted performance during take-off or initial climb.
- Fire or smoke in the passenger compartment, in the cargo compartment or engine fire, even though such a fire was extinguished by the use of extinguishing agents.
- An event requiring the emergency use of oxygen by the flight crew.
- An aircraft structural failure or engine disintegration, including uncontained engine failure, not classified as an accident.
- Multiple malfunctions of one or more aircraft systems seriously affecting the operation of the aircraft.
- Flight crew incapacitation during flight.
- Fuel quantity requiring the declaration of an emergency by the pilot.
- A take-off or landing incident such as undershooting, overrunning or running off the side of runways.
- A system failure, weather phenomenon, an operation outside the approved flight envelope or other occurrence which could have caused difficulties controlling the aircraft.
- A failure of more than one system in a redundancy system mandatory for flight guidance or navigation.
- A runway incursion in which a collision is narrowly avoided.