

# ECCAIRS 4.2.8

## Data Definition Standard

### Occurrence classes

The ECCAIRS 4 occurrence classes are based on ICAO's ADREP 2000 taxonomy.

They have been organised at two hierarchical levels. An occurrence class can be defined at each desired level.

ECCAIRS 4	Occurrence classes	Data Definition Standard
100	Accident	<b>Accident</b> <i>An occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight until such time as all such persons have disembarked, in which: a) a person is fatally or seriously injured as a result of: - being in the aircraft, or - direct contact with any part of the aircraft, including parts which have become detached from the aircraft, or - direct exposure to jet blast, except when the injuries are from natural causes, self-inflicted or inflicted by other persons, or when the injuries are to stowaways hiding outside the areas normally available to the passengers and crew; orb) the aircraft sustains damage 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, except for engine failure or damage, when the damage is limited to the engine, its cowlings or accessories; or for damage limited to propellers, wing tips, antennas, tires, brakes, fairings, small dents or puncture holes in the aircraft skin; or c) the aircraft is missing or is completely inaccessible.</i>
200	Serious incident	<b>Serious incident</b> <i>An incident involving circumstances indicating that an accident nearly occurred. N.B. Examples of serious incidents can be found in Attachment D of ICAO Annex 13 and in the ICAO Accident/Incident Reporting Manual (ICAO Doc 9156).</i>
300	Incident	<b>Incident</b> <i>An occurrence, other than an accident, associated with the operation of an aircraft which affects or could affect the safety of operation. N.B. The type of incidents which are of main interest to the International Civil Aviation Organization for accident prevention studies are listed in the ICAO Accident/Incident Reporting Manual (ICAO Doc 9156) and ICAO Annex 13.</i>
301	Major incident	<b>Major incident</b> <i>Eurocontrol: An incident associated with the operation of an aircraft, which safety of aircraft may have been compromised, having led to a near collision between aircraft with ground or obstacles (i.e. safety margins not respected which is not the result of an ATC instruction)</i>
302	Significant incident	<b>Significant incident</b> <i>Eurocontrol: An incident involving circumstances indicating that an accident, a serious or major incident could have occurred, if the risk had not been managed within safety margins, or if another aircraft had been in the vicinity.</i>
400	A possibly safety related occurrence not meeting the reporting requirements.	<b>Occurrence without safety effect</b> <i>A possibly safety related occurrence not meeting the reporting requirements. This could be e.g. the result of downgrading the incident after review.</i>
500	Not determined	<b>Not determined</b> <i>The class of the occurrence has not been determined.</i>