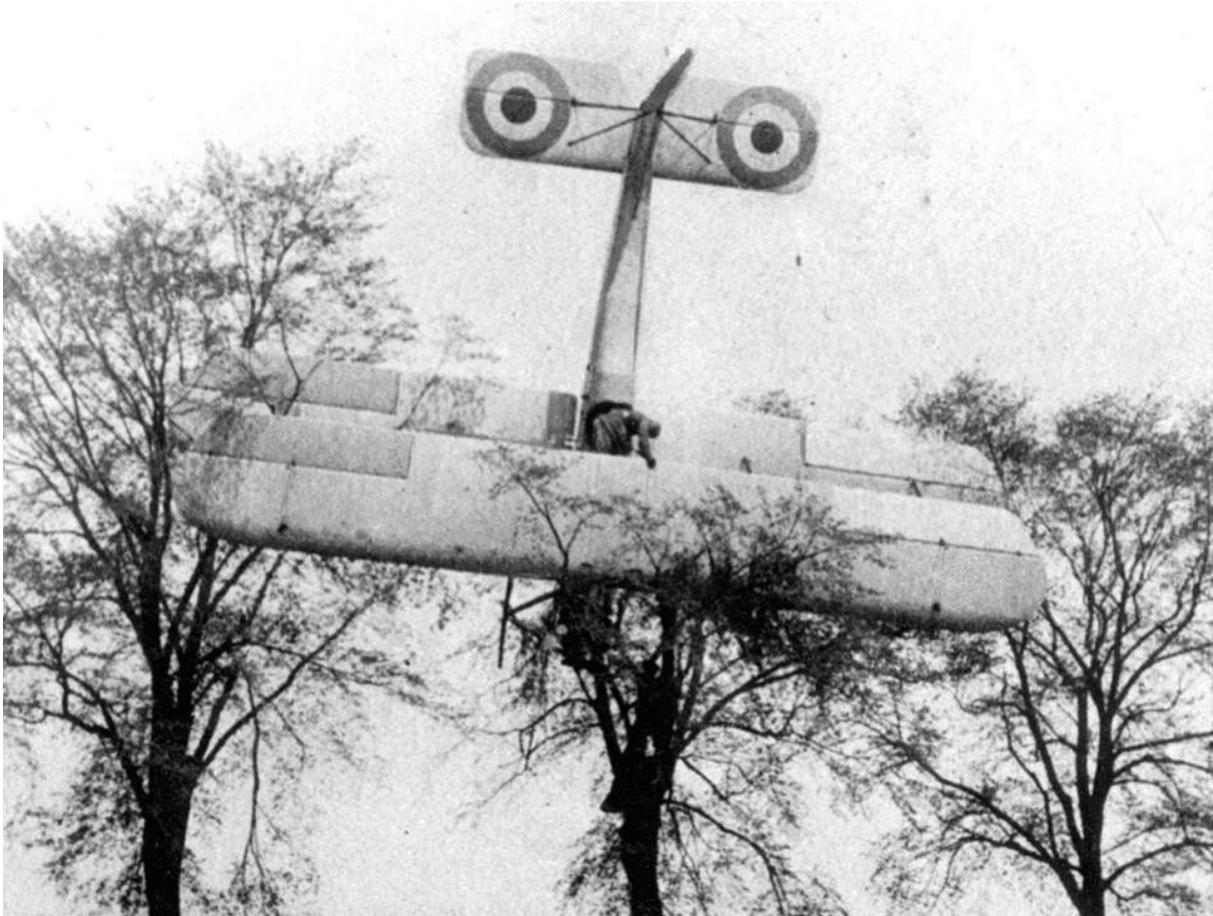




EASA Mandatory reportable occurrences for light aircraft



Extracts from Commission Implementing Regulation (EU) 2015/1018 of 29 June 2015 laying down a list classifying occurrences in civil aviation to be mandatorily reported according to Regulation (EU) No 376/2014 of the European Parliament and of the Council. *NB – These are only mandatory for occurrences to EASA types, for ‘Annex II’ types check with your local Authority – In Ireland reporting is voluntary for Annex II types.*

Original text link:

<http://easa.europa.eu/document-library/regulations/commission-implementing-regulation-eu-20151018>

Mandatory or Voluntary Reports can be submitted through the IAA website www.iaa.ie - Voluntary reports can be submitted through the GASCI website www.gasci.ie

1. AIRCRAFT OTHER THAN COMPLEX MOTOR-POWERED AIRCRAFT EXCLUDING SAILPLANES AND LIGHTER-THAN-AIR VEHICLES

Remark: This Section is structured in such a way that the pertinent occurrences are linked with categories of activities during which they are normally observed, according to experience, in order to facilitate the reporting of those occurrences. However, this presentation must not be understood as meaning that occurrences must not be reported in case they take place outside the category of activities to which they are linked in the list.

1.1. Air operations

- (1) Unintentional loss of control.
- (2) Landing outside of intended landing area.
- (3) Inability or failure to achieve required aircraft performance expected in normal conditions during take-off, climb or landing.
- (4) Runway incursion
- (5) Runway excursion.
- (6) Any flight which has been performed with an aircraft which was not airworthy, or for which flight preparation was not completed, which has or could have endangered the aircraft, its occupants or any other person.
- (7) Unintended flight into IMC (Instrument Meteorological Conditions) conditions of aircraft not IFR (Instrument flight rules) certified, or a pilot not qualified for IFR, which has or could have endangered the aircraft, its occupants or any other person.
- (8) Unintentional release of cargo (3).

1.2. Technical occurrences

- (1) Abnormal severe vibration (for example: aileron or elevator 'flutter', or of propeller).
- (2) Any flight control not functioning correctly or disconnected.
- (3) A failure or substantial deterioration of the aircraft structure.
- (4) A loss of any part of the aircraft structure or installation in flight. L 163/14 EN Official Journal of the European Union 30.6.2015
- (5) A failure of an engine, rotor, propeller, fuel system or other essential system.
- (6) Leakage of any fluid which resulted in a fire hazard or possible hazardous contamination of aircraft structure, systems or equipment, or risk to occupants.

1.3. Interaction with air navigation services and air traffic management

(1) Interaction with air navigation services (for example: incorrect services provided, conflicting communications or deviation from clearance) which has or could have endangered the aircraft, its occupants or any other person.

(2) Airspace infringement.

1.4. Emergencies and other critical situations

(1) Any occurrence leading to an emergency call.

(2) Fire, explosion, smoke, toxic gases or toxic fumes in the aircraft.

(3) Incapacitation of the pilot leading to inability to perform any duty.

1.5. External environment and meteorology

(1) A collision on the ground or in the air, with another aircraft, terrain or obstacle

(2) A near collision, on the ground or in the air, with another aircraft, terrain or obstacle requiring an emergency avoidance manoeuvre to avoid a collision.

(3) Wildlife strike including bird strike which resulted in damage to the aircraft or loss or malfunction of any essential service.

(4) Interference with the aircraft by firearms, fireworks, flying kites, laser illumination, high powered lights lasers, Remotely Piloted Aircraft Systems, model aircraft or by similar means.

(5) A lightning strike resulting in damage to or loss of functions of the aircraft.

(6) Severe turbulence encounter which resulted in injury to aircraft occupants or in the need for a post-flight turbulence damage check of the aircraft.

(7) Icing including carburettor icing which has or could have endangered the aircraft, its occupants or any other person.

2. SAILPLANES (GLIDERS)

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2.1. Air operations

- (1) Unintentional loss of control.
- (2) An occurrence where the sailplane pilot was unable to release either the winch cable or the aerotow rope and had to do so using emergency procedures.
- (3) Any release of the winch cable or the aerotow rope if the release has or could have endangered the sailplane, its occupants or any other person.
- (4) In the case of a powered sailplane, an engine failure during take-off.
- (5) Any flight which has been performed with a sailplane which was not airworthy, or for which an incomplete flight preparation has or could have endangered the sailplane, its occupants or any other person.

2.2. Technical occurrences

- (1) Abnormal severe vibration (for example: aileron or elevator 'flutter', or of propeller).
- (2) Any flight control not functioning correctly or disconnected.
- (3) A failure or substantial deterioration of the sailplane structure.
- (4) A loss of any part of the sailplane structure or installation in flight.

2.3. Interaction with air navigation services and air traffic management

- (1) Interaction with air navigation services (for example: incorrect services provided, conflicting communications or deviation from clearance) which has or could have endangered the sailplane, its occupants or any other person.
- (2) Airspace infringements.

2.4. Emergencies and other critical situations

- (1) Any occurrence leading to an emergency call.
- (2) Any situation where no safe landing area remains available.
- (3) Fire, explosion, smoke, or toxic gases or fumes in the sailplane.
- (4) Incapacitation of the pilot leading to inability to perform any duty.

2.5. External environment and meteorology

- (1) A collision on the ground or in the air, with an aircraft, terrain or obstacle
- (2) A near collision, on the ground or in the air, with an aircraft, terrain or obstacle requiring an emergency avoidance manoeuvre to avoid a collision.
- (3) Interference with the sailplane by firearms, fireworks, flying kites, laser illumination, high powered lights lasers, Remotely Piloted Aircraft Systems, model aircraft or by similar means.
- (4) A lightning strike resulting in damage to the sailplane.

3. LIGHTER-THAN-AIR VEHICLES (BALLOONS AND AIRSHIPS)

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3.1. Air operations

- (1) Any flight which has been performed with a lighter-than-air vehicle which was not airworthy, or for which an incomplete flight preparation has or could have endangered the lighter-than-air vehicle, its occupants or any other person.
- (2) Unintended permanent extinction of the pilot light.

3.2. Technical occurrences

- (1) Failure of any of the following parts or controls: dip tube on fuel cylinder, envelope pulley, control line, tether rope, valve seal leak on burner, valve seal leak on fuel cylinder, carabiner, damage to fuel line, lifting gas valve, envelope or ballonnet, blower, pressure relief valve (gas balloon), winch (tethered gas balloons).
- (2) Significant leakage or loss of lifting gas (for example: porosity, unseated lifting gas valves)

3.3. Interaction with air navigation services and air traffic management

- (1) Interaction with air navigation services (for example: incorrect services provided, conflicting communications or deviation from clearance) which has or could have endangered the lighter-than-air vehicle, its occupants or any other person.
- (2) Airspace infringement.

3.4. Emergencies and other critical situations

- (1) Any occurrence leading to an emergency call.
- (2) Fire, explosion, smoke or toxic fumes in the lighter-than-air vehicle (beyond the normal operation of the burner).
- (3) Lighter-than-air vehicle's occupants ejected from basket or gondola.
- (4) Incapacitation of the pilot leading to inability to perform any duty.
- (5) Unintended lift or drag of ground