



Volcanic Ash Report	Ref # [chrono/record num.]
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1. REFERENCE INFORMATION

1.1 Operator	1.2 Aircraft Manufacturer and Type/Model	1.3 Aircraft Registration	
1.4 Flight number	1.5 Date (dd/mm/yyyy) and Time (UTC)	1.6 Departure Airport	1.7 Arrival Airport

2. CONDITIONS OF ENCOUNTER

2.1 Flight level or altitude	2.2 Geographic Position
2.3 Meteorological Conditions: <input type="checkbox"/> VMC <input type="checkbox"/> IMC	2.4 Light Conditions: <input type="checkbox"/> Daylight <input type="checkbox"/> Dusk/dawn <input type="checkbox"/> Night

3. ASH DESCRIPTION AND ENCOUNTER PHASE

3.1 Ash cloud visible? <input type="checkbox"/> No <input type="checkbox"/> Yes	3.4 Encounter Phase
3.2 Colour of ash cloud <input type="checkbox"/> White <input type="checkbox"/> Light grey <input type="checkbox"/> Dark grey <input type="checkbox"/> Black <input type="checkbox"/> Other.....	<input type="checkbox"/> Taxi <input type="checkbox"/> En-Route (flight level change) <input type="checkbox"/> Hovering <input type="checkbox"/> Take-off <input type="checkbox"/> Descent <input type="checkbox"/> Ground Handling <input type="checkbox"/> Climb <input type="checkbox"/> Approach <input type="checkbox"/> Unknown <input type="checkbox"/> En-Route <input type="checkbox"/> Landing <input type="checkbox"/> Other, specify:
3.3 Density of ash cloud <input type="checkbox"/> Wispy (thin) <input type="checkbox"/> Moderately dense <input type="checkbox"/> Very dense	3.5 Estimated duration of encounter (hh:mm)

4. SEVERITY OF ENCOUNTER (multiple boxes may be marked as appropriate)

0	<input type="checkbox"/> Sulphurous odour noted in the cabin. <input type="checkbox"/> Anomalous atmospheric haze observed. <input type="checkbox"/> Electrostatic discharge (St. Elmo's fire) on windshield, nose, or engine cowls. <input type="checkbox"/> Ash reported or suspected but no other effects or damage noted.
1	<input type="checkbox"/> Light dust observed in cabin. <input type="checkbox"/> Ash deposits on exterior of aircraft. <input type="checkbox"/> Fluctuations in exhaust gas temperature (EGT) with return to normal values.
2	<input type="checkbox"/> Heavy cabin dust ("dark as night" in cabin). <input type="checkbox"/> Contamination of air handling and air conditioning systems requiring use of oxygen. <input type="checkbox"/> Abrasion damage to exterior surfaces, engine inlet, and compressor fan blades. <input type="checkbox"/> Pitting, frosting, or breaking of windshield or windows. <input type="checkbox"/> Minor plugging of pitot-static system insufficient to affect instrument readings. <input type="checkbox"/> Deposition of ash in engine.
3	<input type="checkbox"/> Vibration or surging of engine(s). <input type="checkbox"/> Plugging of pitot-static system to give erroneous instrument readings. <input type="checkbox"/> Contamination of engine oil or hydraulic-system fluids. <input type="checkbox"/> Damage to electrical or computer systems. <input type="checkbox"/> Engine damage.
4	<input type="checkbox"/> Temporary engine failure requiring in-flight restart of engine.

5. FURTHER INFORMATION AND ATTACHMENTS

Description of Occurrence (continue in separate sheet if necessary):	5.2 Attachments <input type="checkbox"/> Photos <input type="checkbox"/> Sketch(es) <input type="checkbox"/> Other, specify
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6. CONTACT INFORMATION

6.1 Contact Name	6.2 E-mail address	6.3 Telephone / Fax
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Send form by e-mail to report@easa.europa.eu.



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These completion instructions relate to the use of **EASA Volcanic Ash Report** for the reporting of technical occurrences.

1 REFERENCE INFORMATION

This block contains reference information on the reporting organisation or person to facilitate the general conditions and aircraft involved.

- 1.1 **Operator** – Name of aircraft operator.
- 1.2 **Aircraft Manufacturer and Type/Model** – The name of the aircraft manufacturer and type designation in full as defined in the type-certificate.
- 1.3 **Aircraft Registration.** – Nationality and registration marks assigned to the aircraft.
- 1.4 **Flight number** – The alphanumeric number of the undertaken flight as stated in the flight plan.
- 1.5 **Date of occurrence** – day, month and year when the encounter occurred, e.g. 09.11.2006.
- 1.6 **Departure Airport**– ICAO code of airport from which the flight departed.
- 1.7 **Arrival Airport** – ICAO code of airport to which the flight intended to arrive.

2 CONDITIONS OF ENCOUNTER

This block contains information on the general conditions during which the encounter with volcanic ash occurred.

- 2.1 **Flight level or altitude** – The flight level or altitude at which the first encounter occurred.
- 2.2 **Geographic Position** – The geographic coordinates where the first encounter occurred.
- 2.3 **Meteorological Conditions** – Mark the box corresponding to the predominant meteorological conditions when the encounter occurred.
- 2.4 **Light Conditions** – Mark the box best corresponding to the light conditions when the encounter occurred.

3 ASH DESCRIPTION AND ENCOUNTER PHASE

This block contains information on the potentially visible ash cloud and the phase of flight at which the encounter first occurred.

- 3.1 **Ash cloud visible** – Mark the box as appropriate.
- 3.2 **Colour of ash cloud** – If the ash cloud was visible, mark the box corresponding best to the colour of the cloud.
- 3.3 **Density of ash cloud** – Mark the box corresponding best to the perceived density of the cloud.
- 3.4 **Encounter phase** – Mark the appropriate box indicating during which phase the encounter with volcanic ash occurred.
- 3.5 **Estimated duration of encounter** – Estimated duration of volcanic ash encounter in hours and minutes e.g. 01:35

4 SEVERITY OF ENCOUNTER

Mark the boxes describing best the events prior, during or following the encounter with volcanic ash. Multiple boxes may be marked, as appropriate.

5 FURTHER INFORMATION AND ATTACHMENTS– Additional information and items suggested to be attached to the occurrence report. This is a free text field to include the details of the occurrence. Mark the relevant box (Sketches or



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Photos) or specify the nature of the attachment under "Other". Please always specify the name or contents of the attachment.

6 CONTACT INFORMATION AND ATTACHMENTS

Contact information of person reporting.