



DG DIRECTIVE 05-2014

Issued: 28 AUGUST 2014

SUBJECT: ICELAND BARBARBUNGA VOLCANO POSSIBLE ERUPTION

APPLICABILITY:

All A6 registered aircraft and aircraft operated by UAE Civil Operators operating into, or near, the airspace of the volcano.

EFFECTIVE DATE:

28th of August 2014

PURPOSE

During the last few days there has been an increasing volcanic activity in the vicinity of the Barbarbunga Volcano in Iceland. The aviation alert status color code issued by Icelandic Authorities remains at Orange - heightened or escalating unrest with increased potential of eruption.

The underline objective of this directive is to provide UAE operators with the GCAA requirements following a review of volcanic ash airspace contamination threat from eruption of Volcano Barbarbunga.

REQUIREMENTS:

All operations by UAE operators in the volcanic ash region in the vicinity of the Barbarbunga Volcano in Iceland are:

1. To adopt the contents of ICAO DOC 9744 on volcanic ash contamination when establishing operators' procedures, instructions and safety risk management issued to personnel concerned.
2. To adopt the EASA Safety Information Bulletin SIB NO: 2010-17R6 issued on 21 of August 2014, which includes the establishment of Volcanic Ash Safety Assessment by non-European operators.
3. To submit to the GCAA the Volcanic Ash Safety Risk Assessment for GCAA review and acceptance within 7 working days from the date of this directive.
4. To reevaluate all current documented procedures for the management of operations into airspace forecast to be, or aerodromes known to be, contaminated with volcanic ash.
5. To ensure that flight operations remain within the accepted safety level established through the operators SMS safety risk assessment.
6. To ensure all procedures and instructions include those for flight crew, flight planners, dispatchers, operations, engineering and maintenance personnel such that they are equipped to evaluate correctly the risk of flights encountering airspace contaminated by volcanic clouds.
7. To provide maintenance and engineering personnel with procedures allowing them to assess the need for, and execute, relevant maintenance or other engineering interventions.
8. To take into consideration Boeing Service letter ATA: 0500-00 dated 22th of August namely "Aircraft Operation in an Environment Potentially Containing Volcanic Ash" and any other Aircraft Manufacturer instructions guidance and recommendations.



9. To perform the relevant inspections after each flight that has advertently or inadvertently encountered volcanic ash in accordance with the manufacturers' instructions and recommendations. To report to the ATS Unit providing service in that airspace any event of encountering volcanic ash in flight.
10. To notify to the GCAA via the most expeditious available means of any such encounters in addition to the filing of a ROSI.

This DG- Directive will be re-evaluated as necessary.

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