

# DOCUMENT CHANGE PROPOSAL/BRIEFING SHEET

## FINAL DISPOSITION

**ORDER/PUBLICATION:** 7110.65U

**CHANGE:** 2

**EFFECTIVE DATE:** March 7, 2013

**TRACKING #:** 52- 2-6-3

**SPECIALIST/ROUTING:** Rudolph Lawrence AJV 11 (202) 267-8408

### 1. PARAGRAPH NUMBER AND TITLE:

#### 2-6-3. PIREP INFORMATION

**2. BACKGROUND:** The FAA is responsible for providing meteorological data to stakeholders of the NAS. This includes disseminating and distributing observations, forecasts, and warning messages that pertain to volcanic activity including volcanic ash. PIREPs for volcanic activity and volcanic ash are provided to ATC in a specified format which is delineated in the Aeronautical Information Manual (AIM). These reports are then forwarded to the Volcanic Ash Advisory Centers (VAAC) and are used to issue volcanic ash SIGMETs. These changes follow new ICAO guidelines as set forth by the International Airways Volcano Watch Operations Group and are in effect as of November 2010.

**3. EXPLANATION OF CHANGE:** This change provides guidance for air traffic controllers to solicit PIREP information regarding the smell of sulphur dioxide (SO<sub>2</sub>) in the aircraft cabin, relative to volcanic ash eruptions. This change cancels and incorporates N JO 7110.589, AvMet Volcanic Ash, effective July 13, 2012.

### 4. CHANGE:

#### OLD

#### 2-6-3. PIREP INFORMATION

Significant PIREP information includes reports of strong frontal activity, squall lines, thunderstorms, light to severe icing, wind shear and turbulence (including clear air turbulence) of moderate or greater intensity, volcanic eruptions and volcanic ash clouds, and other conditions pertinent to flight safety.

REFERENCE thru a7

Add

Add

a8

#### NEW

#### 2-6-3. PIREP INFORMATION

Significant PIREP information includes reports of strong frontal activity, squall lines, thunderstorms, light to severe icing, wind shear and turbulence (including clear air turbulence) of moderate or greater intensity, volcanic eruptions and volcanic ash clouds, **detection of sulphur dioxide (SO<sub>2</sub>) in the cabin,** and other conditions pertinent to flight safety.

No change

**8. Detection of sulphur dioxide (SO<sub>2</sub>), associated with volcanic activity, in the cabin.**

#### NOTE-

**Sulphur dioxide has the odor of a rotten egg.**

Renumber to a9

No further changes to paragraph.

**5. INDEX CHANGES:** None

**6. REFERENCE CHANGES:** None

**7. GRAPHICS:** None

**8. GENOT/NOTICE:** N JO 7110.589, AvMet Volcanic Ash, effective July 13, 2012

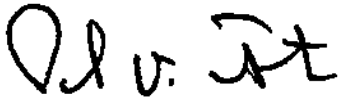
**9. FORMATTING & PLAIN LANGUAGE REVIEW:** ☒ HM 1/10/2012

**10. SAFETY RISK MANAGEMENT:** (Check appropriate box).

☐ **SRMD.** Proposed change meets full SMS requirements for safety risk assessment.

☐ **SRMDM.** Proposed change does not introduce new safety risks into the NAS.

11. ICAO DIFFERENCES: YES ☐ NO ☒



Paul Fontaine  
Director, Advanced Concepts  
and Technology Development

15 Mar 12

Date: