



ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY

**WACAF workshop on the
provision of information on
volcanic eruptions and ash
clouds**

16 to 20 June 2025



WACAF workshop on the provision of information on volcanic eruptions and ash clouds

2

Action to be taken by the NOTAM Office

ICAO

Fanfe Bamba

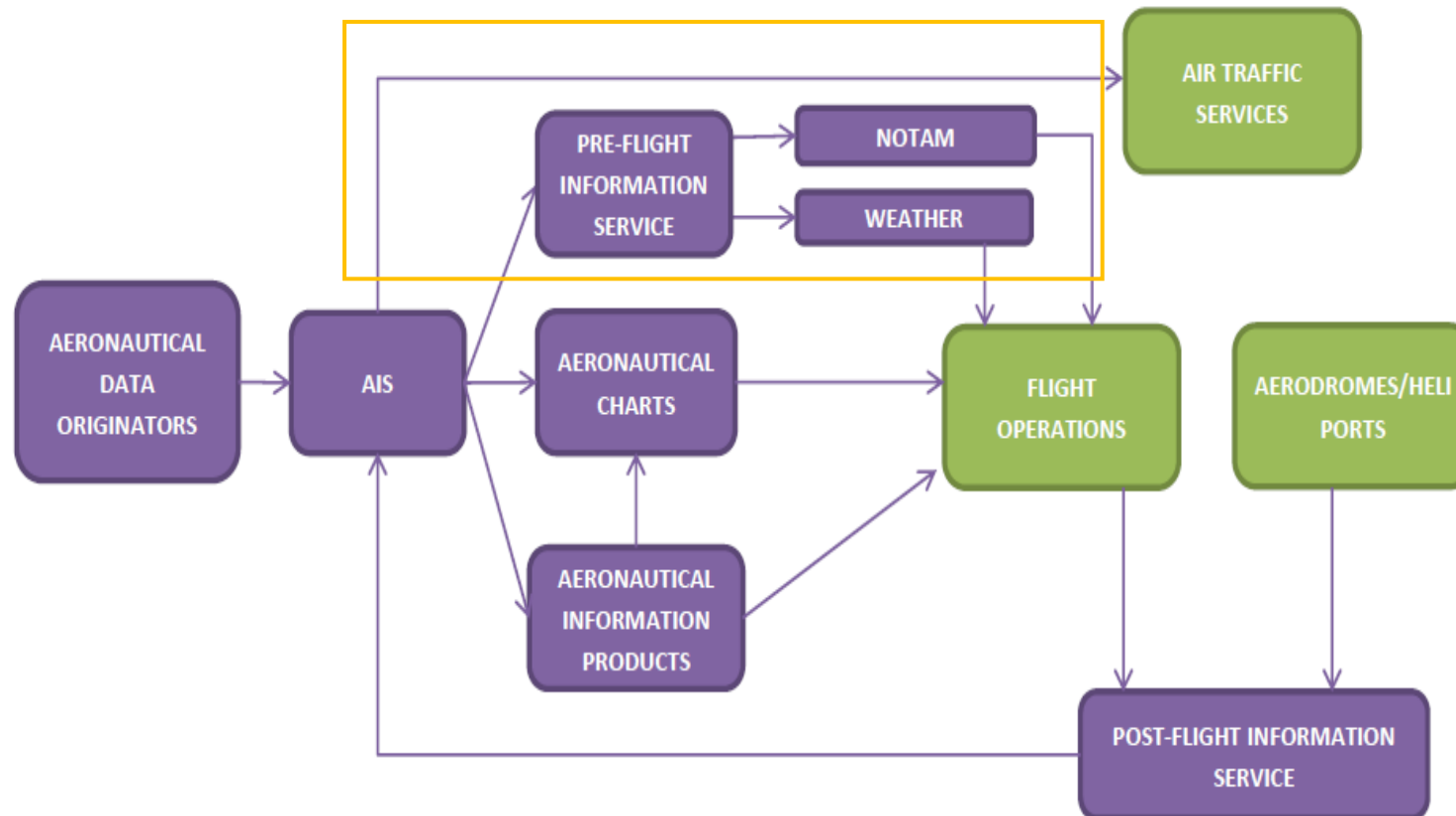
Regional Officer AIM WACAF

Summary

- Roles and Responsibilities of AIS and NOTAM Office (NOF)
- Promulgation of NOTAM and ASHTAM
- Action by the NOF prior and during to volcanic eruption

Roles and Responsibilities of AIS and NOF

❑ AIS Basic building blocks



AIS RESPONSIBILITIES

Ensuring the flow of aeronautical data and information, necessary for the global ATM system:

- *safety,*
- *regularity,*
- *economy,*
- *efficiency,*
- *environmentally sustainability.*

NOF ROLES

Processing and distribution of NOTAMs, including SNOWTAMs and ASHTAMs as mutually agreed between :

- *International NOFs,*
- *NOFs and multinational NOTAM processing units.*

Promulgation of NOTAM and ASHTAM

NOTAM

Issued when information is temporary and of short duration, or when operationally significant permanent changes or temporary changes of long duration are made at short notice... (A15 § 6.3.2.2).

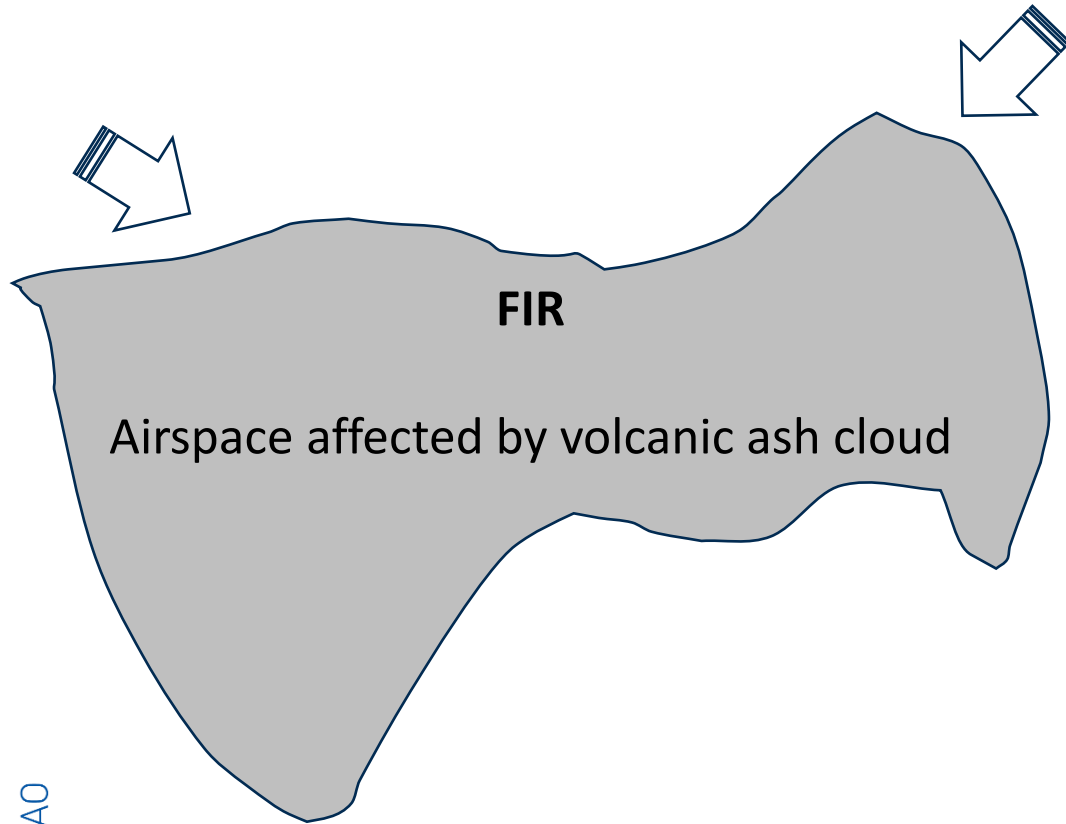
Circumstances for NOTAM include *operationally significant change in volcanic activity, the location, date and time of volcanic eruptions and/or horizontal and vertical extent of volcanic ash cloud, including direction of movement, flight levels and routes or portions of routes which could be affected* (A15 § 6.3.2.3.x).

ASHTAM

Specific NOTAM format which provides information on the status of activity of a volcano, with operationally significant change.

The maximum period of validity of ASHTAM is 24 hours. New ASHTAM shall be issued whenever there is a change in the level of alert.

Action by the NOF prior and during to volcanic eruption



ACC responsible for the FIR

Provide information to the NOF designated in the State(s) of the FIR

Designated NOF

1. Issue a ASHTAM based on information provided by the ACC
2. Include in the address list for ASHTAM or NOTAM concerning volcanic activity, the associated MWO, all VAACs, other NOFs and the SADIS WIFS gateway at EGZZVANW
3. ASHTAM or NOTAM must be cancelled, in consultation with the ACC, as soon as it is considered that the airspace is not contaminated by volcanic ash

Action by the NOF prior and during to volcanic eruption

Appendix 5

ASHTAM FORMAT
(See Chapter 5, 5.2.5.1.5)

(COM heading)	(PRIORITY INDICATOR)	(ADDRESSEE INDICATOR(S)) ¹																
	(DATE AND TIME (OF FILING)						(ORIGINATOR'S (INDICATOR)											
(Abbreviated heading)	(VA* ² SERIAL NUMBER)						(LOCATION INDICATOR)			DATE/TIME OF ISSUANCE						(OPTIONAL GROUP)		
	V	A	*2	*2														

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Action by the NOF prior and during to volcanic eruption

ASHTAM	(SERIAL NUMBER)
(FLIGHT INFORMATION REGION AFFECTED)	A)
(DATE/TIME (UTC) OF ERUPTION)	B)
(VOLCANO NAME AND NUMBER)	C)
(VOLCANO LATITUDE/LONGITUDE OR VOLCANO RADIAL AND DISTANCE FROM NAVAID)	D)
(VOLCANO LEVEL OF ALERT COLOUR CODE, INCLUDING ANY PRIOR LEVEL OF ALERT COLOUR CODE) ³	E)
(EXISTENCE AND HORIZONTAL/VERTICAL EXTENT OF VOLCANIC ASH CLOUD) ⁴	F)
(DIRECTION OF MOVEMENT OF ASH CLOUD) ⁴	G)
(AIR ROUTES OR PORTIONS OF AIR ROUTES AND FLIGHT LEVELS AFFECTED)	H)
(CLOSURE OF AIRSPACE AND/OR AIR ROUTES OR PORTIONS OF AIR ROUTES, AND ALTERNATIVE AIR ROUTES AVAILABLE)	I)
(SOURCE OF INFORMATION)	J)
(PLAIN-LANGUAGE REMARKS)	K)
<p>NOTES:</p> <ol style="list-style-type: none">1. See also Appendix 5 regarding addressee indicators used in predetermined distribution systems.2. *Enter ICAO nationality letter as given in ICAO Doc 7910, Part 2.3. See paragraph 3.5 below.4. Advice on the existence, extent and movement of volcanic ash cloud G) and H) may be obtained from the volcanic ash advisory centre(s) responsible for the FIR concerned.5. Item titles in brackets () not to be transmitted.	



Thank you!
Merci beaucoup!