



INTERNATIONAL CIVIL AVIATION ORGANISATION
AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP (APIRG)
FIRST MEETING OF THE ATM/MET TASK FORCE (ATM/MET/1)
(Nairobi, Kenya, 10-11 June 2013)

Agenda Item 3: Review and update the draft AFI ATM Volcanic Ash Contingency Plan (VACP)

COORDINATION BETWEEN ASECNA AND NATIONAL VOLCANO OBSERVATORIES

(Presented by ASECNA)

Summary

This information paper presents a short overview of ASECNA, Volcanoes in ASECNA area and coordination with volcano observatories and actions to be done by ASECNA to support volcano observatories

1. About ASECNA

- ASECNA is Agency for Air Navigation Safety in Africa and Madagascar, an ANSP (Air Navigation Services Provider) created in St Louis, Senegal in 1959. Its Headquarters are in Dakar, Senegal.
- Members: ASECNA provides ANS services in 17 African Member States (Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Comoros, Congo Brazzaville, Côte d'Ivoire, Gabon, Bissau Guinea, Equatorial Guinea, Madagascar, Mali, Mauritania, Niger, Senegal, Togo) and France.
- 16.1 million square kilometers of airspace, a Single sky with some important Air Navigation Safety Management Challenges in six FIR, 27 main airports, 6 000 staff;

2. ACTIVE VOLCANOES IN ASECNA AREA



Mont Cameroon (Cameroon)



Karthala (Comoros)



Piton de la Fournaise (La Réunion)

3. RECENT ACTIONS:

- Workshop in Douala Cameroon, November 2011: “National and Regional Coordination of Volcano eruptions” after IAVWOPSG/6 in September 2011.



Buea coordination Meeting Nov. 2011

- Workshop conducted by ICAO WACAF Office in Douala Cameroon, October 2012: “Volcano Observatory Notice for Aviation (VONA) Messages”.



Ekona Observatory



Participants to the workshop

- Signature of Coordination Agreement between ASECNA and Karthala Observatory: 05/05/2011
- Signature of Coordination Agreement between ASECNA and Mont Cameroon Observatory: 10 April 2013
- Participation to the 6th international workshop on volcanic ash, Citeko, Indonesia, 11-15 March 2013



4 ASECNA SUPPORT TO OBSERVATORIES:

4.1 *Telecommunications and training:*

- According to the Coordination Agreements between ASECNA and (Mont Cameroun and Karthala) Volcano observatories, ASECNA has to provide support in the fields of Telecommunications and of Training

4.2 *Other supports recommended by the workshop of Citeko (Indonesia) Workshop on volcanic ashes:*

- Possibility of direct financial support to the observers, in particular, a participation in allowances of transport to insure presence 24/7 on the site of the Observatory;
- Possibility of acquisition of C-Band radars in Douala airport and Moroni Airports (through WMO Members contributions), to perform observation of ash clouds plumes.

4.3 *Future Action:*

- Workshop on Volcano and Tropical cyclone Watch Implementation in ASECNA area: Antananarivo, 01-04- October 2013

4.4 In this regard, States having volcanos on their territories are encouraged to establish and improve communications between volcano observatories and aviation community as a matter of urgency. The task Force may wish to formulate the following recommendation.

Recommendation 1/xx: Establishment of Volcano Observatories (VO) and Improvement of VO Communications

That:

- a) **AFI States having active volcanos on their territories without any volcano observatory (VO) operating, be encouraged to establish volcano observatories as a matter of urgency; and**
- b) **AFI States having VOs, be encouraged to improve communication between the observatories and the aviation community.**

V. ACTION BY THE MEETING

The SADISOPSG is invited to

- 1) note the information contained in this paper and,
- 2) decide on the above recommendation proposed for the Task Force's consideration.