

Improving safety and efficiency together -

understanding the ash hazard and improving operations

Advances

- Engine tests
- Encounter understandings
- Relationships revitalised, esp with industry / airline dialogue
- VAAC best practice (eg collaboration, consistency distribution)
- WMO science & training support for volcanic ash has markedly improved.

Challenges

- Future test matrix – key volcanological parameters (eg viscosity, content, X-factors)
- Improving reporting – systems & procedures
- ICAO management structure & impacts to the science enterprise – manage risks well
- Involving airports in overall discussion – having ashfall forecasts used well, right relationships
- Understanding and responding to operator needs for good risk- based management