

Impact of Volcanic Ash Clouds on Military Operations

Specialists' Meeting (AVT-272) – April 2017 – Vilnius, Lithuania

OBJECTIVE(S):

- **To present the latest Volcanic Ash Clouds (VAC)**
 - identification, monitoring, and composition analysis capabilities
 - research and testing for gas turbine engine/airframes/avionics/electronics
 - damage mechanisms and associated mitigation strategies.
- **To interface with military**
 - operators to identify flight planning and operational needs and desires
 - maintainers to identify best practices to mitigate VAC impacts on continued operations

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TOPICS TO BE COVERED:

- Influence of VAC on gas turbine engine/airframes/equipment
- Properties and composition of VAC
- Mitigation technologies
- Maintenance and airworthiness decision/advice/recommendation
- Real world impacts on military air operations

FURTHER QUESTIONS? PLEASE CONTACT

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- NATO STO website <http://www.cso.nato.int>