

Department of Electrical & Computer Engineering

Airborne Sampling/Sensing of Distal Volcanic Ash

Project Group Meeting #2

Agenda

Date: Friday March 18th 2016

Time: 3pm

Venue: VH 462

Chair: Jamie Van de Laar

Secretary: Mike Shanaher

1. Apologies

2. Main points from last meeting

* Military need to be able to determine VA conditions under which they can still fly. Investigate grey area for safe engine operation.
* Last meeting emphasis for us was on sensors being the first priority.
* DTA can help with autopilot system, weather balloons, test flights.
* NIWA can potentially help with particle size/quantity sensor and general VA info.

3. Matters arising

NIL

4. Correspondence

NIL

5. Progress Reports:

* Mike – VA Density
* Jamie – VA Sampling
* Ryan – Sensor CPU
* Jake – Particle size
* Parth – Chemical composition

6. Other business:

* Review of project proposal
* Setting detailed project specifications
* Sensor selection discussion
* Review of resources/hardware available from NIWA project