

Interactive comment on “AMALi – the Airborne Mobile Aerosol Lidar for Arctic research” by I. S. Stachlewska et al.

Anonymous Referee #4

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The paper by I.S. Stachlewska et al., is an interesting paper describing the AMALI lidar system. I think the reviewers did a great work posting their comments and giving new ideas to be elaborated. To add to these comments, I would like to raise 2 points:

1) some interesting papers on depolarization calibration techniques are missing (e.g. Freudenthaler et al., in Tellus 2009). 2) about the section 4.1..1. Some papers on horizontal calibration techniques are missing (e.g. P. Chazette et al.,: in Environ. Sci. Technol., 2007, 41 (24), pp 8335–8341).

In addition, I would like to know how the authors perform the calibration of their lidar system.

Interactive comment on Atmos. Chem. Phys. Discuss., 9, 18745, 2009.

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