

Interactive comment on “Estimates of non-traditional secondary organic aerosols from aircraft SVOC and IVOC emissions using CMAQ” by M. C. Woody et al.

Anonymous Referee #1

Received and published: 31 December 2014

General comments: 1. Can the authors comment on the impact of fuel composition on the formation of SOA?

Specific comments: 30673. Ln 17,18 - This sentence is not clear. Please rephrase. 30675. Ln 23,24 - Recent studies, e.g. Stettler et al., 2013 have indicated that FOA 3 underestimates aircraft elemental carbon emissions by a factor of 2.5-3. Have the authors taken this into consideration? 30677. Ln 21-27 - Although the CFM56 family of engines is widely used, differences between older technology (CFM56-3B) and newer technology (CFM56-7B) engines have been reported in the literature, with older technology engines exhibiting higher emissions. The authors should comment on the

implications to this work.

Interactive comment on Atmos. Chem. Phys. Discuss., 14, 30667, 2014.

ACPD

14, C10614–C10615,
2014

Interactive
Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

C10615

