

Comments on Sanogo et al. 2024, revised version

- Abstract, line 3: Unfortunately, the name of the MOZAIC programme is still incorrect, as “airCraft” and “In-service” need to be switched.
- Line 131: Please remove “non-persistent”. What you describe, is the condition for contrail formation in general, both, persistent AND non-persistent contrails.
- Line 133: Please move the sentence “Contrails are persistent if RHi is above 100% (See Fig. 3 in Schumann, 1996).” to the end of the paragraph, as this does not belong to the Schmidt-Appleman criterion. The SAc has nothing to do with persistence.
- Figure 3, caption: “number density” is missing after “ice crystal”.
- Line 212f: This seems to be exactly the other way.
- Figure 5, key: “LT” -> “LS”
- Line 251f: The references to the two figures need to be switched.
- Line 273f: This makes no sense. Please remove “with RHi” two times in this sentence.
- Line 339: “The contrail plume...” -> “At higher ambient temperatures, the contrail plume...”
- Line 340: “In such conditions, ...” -> “Therefore, ...”