Interactive comment on "Observations of the thermodynamic and kinematic state of the atmospheric boundary layer over the San Luis Valley, CO using remotely piloted aircraft systems during the LAPSE-RATE field campaign" by Elizabeth A. Pillar-Little et al.

Anonymous Referee #2

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The authors have a great dataset illustrating phenomena in the boundary layer as measured by a RPAS. I would like to see a rewrite with more emphasis on that aspect as opposed to it reading like a data report see some examples below. . .

Line 20 This reads more like a data report or experimental field notes than an article on the uniqueness of RPAS for scientific discovery.

Line 55 Is it important to know that the carbon fiber blades were switched out??

Line 185 Why do we need to know that binary data was converted to JSON to CSV??

Figure 3 Temperature contours are plotted to the nearest .001 0C . I highly doubt that the authors have that kind of accuracy and if they do not the resolution of that parameter tied back to the accuracy or precision. Figure 5 would indicate that he precision is $\sim$ 1 0C. Table 4 would indicate +- 0.5 0C

Interactive comment on Earth Syst. Sci. Data Discuss., https://doi.org/10.5194/essd-2020-194, 2020.