

Response to Referee #3

Thank you for your suggestions to improve our manuscript. Below is the text of the report in blue with our response in black following the relevant comment. In the marked-up manuscript, these changes are indicated in blue text.

Thanks for implementing the suggested revisions. There is only very minor suggestion for improvement for this revised manuscript:

Figure 5: I think your point would become clearer, if you would only include data from e.g. 9:35 to 9:40. Alternatively, you could scale the y-axis down. There is just too much action per area for my eyes.

We have made some changes to figure 5 to make the graphic clearer. We have: (1) reduced the horizontal axis range to better illustrate the cyclic nature of the process; (2) switched from a line plot to dot plot to remove lines created when the angle swaps from +180 to -180 degrees; (3) changed the color scheme to reduce the distraction caused by the sUAS orientation cycle.

Line 34: space behind kinematics missing

Space added in

Line 39: space in front of the dot

Space removed

Line 67: Multi-holeS?

Removed superfluous s.

Line 214: Figure reference broken

Fixed figure reference.