

Project Status Report: CPST-0 11

Report Date: 3/4/2024

Team Members: Blake Hull, Samuel Cuessy, Spencer Moon, Beau Switzer

Project Title: Precision Thermal Drones

1) Summary of technical/non-technical challenges encountered

- Beau shared some images with Dr. Guthrie, and with his input we made a professional looking CAD sheet of the image. However, this communication was done over email, and he offered no input on the image itself. That wasn't the current focus, so while this was acceptable for the week, we need to discuss the images to see if they give us the findings we need.

2) Team approaches & resolutions to overcome challenges

- To get this feedback, we will ask Dr. Guthrie for a brief follow up appointment.

3) Status of challenge resolutions & potential project impact

- His approval of our images will be a major step forward, as it will allow us to begin to conduct a statistical analysis between our thermal images and the data collected from chain dragging, allowing us to quantify our comparisons.

4) Project status & summary

- The project's status is good and we are on track for completion.

Please enter # of hours spent on project this last week for each team member in the order listed above

3/4/2024

Member #1: 1

Member #2: 3.5

Member #3: 0

Member #4: 1.5

Member #5: <hrs>