

**Project Status Report: CPST-0 11**

**Report Date: 2/12/2024**

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

**Project Title: Precision Thermal Drones**

**1) Summary of technical/non-technical challenges encountered**

- We made progress with our stitched images. It comes in clearly, but the image is curved, which does not represent the straight bridge.

**2) Team approaches & resolutions to overcome challenges**

- We think that the curved image may be a result of the flight path, so we made plans to fly again with a corrected path.

**3) Status of challenge resolutions & potential project impact**

- With an improved flight path, we expect the image to be straight and aligned with the orientation of the bridge. This will have a positive impact on our project because it will allow us to move forward. When we have satisfactory images, we will present them to Dr. Guthrie for review.

**4) Project status & summary**

- The project is moving forward, and we are close to meeting with our faculty mentor again when we have his requested deliverable. The status is good and we are confident that we are on track.

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

2/12/2024

Member #1: 0.5

Member #2: 3.5

Member #3: 1

Member #4: 1

Member #5: <hrs>