
sdmay19-43: UAV Assisted Energy Delivery

Week 20 Report

April 14 - April 20

Team Members

Kevin Angeliu — *Chief Engineer - Communications*

Garth Flaming — *Facilitator*

Alexandra Lowry — *Report Manager*

Kaitlyn Maass — *Meeting Scribe*

Brendan Rohlik — *Head of Timeline*

Connor Wehr — *Facilitator*

Summary of Progress this Report

Final attempts to debug on-board camera issues, but unresolved. Tried connecting USB webcam. Drone detects USB webcam, but webcam is of incorrect pixel format. Tested precision landing code with USB webcam. Got QR code on landing pad. Finished poster for final presentation, and started work on final report and presentation.

Pending Issues

Camera issues remained unresolved despite many and varied attempts at fixing them, so we were unable to fully integrate the landing code with either the on-board camera or the USB webcam.

Plans for Upcoming Reporting Period

No upcoming reporting period - give presentation.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Kevin Angeliu	Report work, poster work, placed QR code onto landing pad.	6	141
Garth Flaming	Debug camera on drone issue: drone detects usb camera but wrong pixel format. Meetings.	10	158
Alexandra Lowry	Continued debugging on-board camera issues. Debugged USB webcam issues. Tried integrating precision landing code with USB camera. Created poster based on group conversations and opinions. Attended regular meetings.	12	158
Kaitlyn Maass	Working to get poster and report ready, meeting. Talked Garth through some testing	5	132

	with the precision landing code when he tested it with the external camera as I was gone for Easter.		
Brendan Rohlik	Poster work, final report work, put QR code on landing pad.	5	137
Connor Wehr	Offered opinions on poster & worked on final report, discussed with Jeff QR code tests. Was gone over the Easter weekend.	5	138

Gitlab Activity Summary

Nothing to report.
