sdmay19-43: UAV Assisted Energy Delivery
Week 3 Report
September 21 - September 28

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
Met with Abdullah Al-Obaidi (member of last year's team) to talk about experience with project overall, as well as his design approach. Either refreshed ourselves or began learning Python, since both main coding libraries use Python. Continued to research Mavros and DroneKit (main coding library options). Made current parts list, sent budgeting and order emails. Set up meeting with Garrett Lies (also member of last year's team) to talk about his experience with the project, approach, and pros and cons of different libraries.

Pending Issues
Still do not have parts for drone, so we cannot fly yet. We will not be able to fly too much more this year because it is starting to get colder out, and we cannot fly the drones inside with the GPS.

Plans for Upcoming Reporting Period
Meet with Garrett Lies about his experiences. Finalize library selection and begin experimenting with coding for the drone using the chosen library. Finish sketch for plug design. Hopefully ordered parts will arrive and we can continue flying before time runs out for the year.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Kevin Angeliu	Met with Abdoullah to talk about overall project. Met with Brendan to talk about preliminary plug design. Looked into Mavros and DroneKit libraries and python.	7	19
Garth Flaming	Learning python, compare decisions with previous group's decisions. Research Mavros, set individual goals in group.	6	18
Alexandra Lowry	Set up meeting with Garrett Lies for next week. Completed Python coding practice. Researched more into DroneKit and Mavros in order to decide on one to use.	6	18

Kaitlyn Maass	Familiarized with python and then researching Mavros and DroneKit. also made a parts list and sent off budgeting emails.	6	18
Brendan Rohlik	Met with Abdoullah to talk about how he approached his design. Met with Kevin to talk a little bit about how we are going to design our base. Looked into python.	6	18
Connor Wehr	Finished basic python coding practice, decide on Mavros or Dronekit. Meet with Garrett to get more information about past coding.	6	18

Gitlab Activity Summary

Nothing to report.