

sdmay18-40: Drone-Assisted Energy Delivery

Week 8 Report

November 5 - November 12

Team MembersAhmed Al-Hulayel — *Testing the landing station we have designed*Abdullah Al-Obaidi — *Testing the landing station*Drew Underwood — *Programming drone flight instruction, will soon flash to initiate operations.*Khalifa Aldhaheeri — *worked with abdullah and ahmed on testing the landing station for the drone.*Garrett Lies — *Setting up Drone Work Environment***Summary of Progress this Report**

Received and tested the landing station, Still working toward adequate simulation for drone flight. Will soon flash the drone and begin pre-programmed flight experimentation. Ran into many issues with setting up work environment.

Pending Issues

Waiting for USB hub before we can properly flash the drone. Watched video course on Intel Aero Ready to Fly Drone which mentions there is no alternative. We will carry more tests on drone landing station and try to come up with better design

Plans for Upcoming Reporting Period

Hopefully start to coding the drone flight, also design improvement for landing station. Should have everything setup for programming.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Ahmed Al-Hulayel	We started testing the landing station we have designed in the last two weeks, by using the USB wire without attaching it to the drone, in the following days, we will try to use the drone and see how accurate it is.	6	40.5
Abdullah Al-Obaidi	Tested the landing station for the drone, we only tested with the wires, further testing will be done when we can control the drone	6	43
Drew Underwood	Researched IARFD youtube course, looked into the requirements we need for properly flashing the drone and beginning pre programmed instruction.	6	41
Khalifa Aldhaheeri	We worked on it through our circuits and	6	41

