

sdmay18-40: Drone-Assisted Energy Delivery  
Week 10 Report  
November 27 - December 4

Team Members

- Ahmed Al-Hulayel — Working on landing station
- Abdullah Al-Obaidi — Working on landing station
- Drew Underwood — SSH connection
- Khalifa Aldhaheer — Working on landing station
- Garrett Lies — Working on drone programming

Summary of Progress this Report

Establish a basis for communicating with the drone via SSH. Finished up the drone landing station, glued everything together and got it ready for the presentation tomorrow.

Pending Issues

No pending issues left for this semester

Plans for Upcoming Reporting Period

This is the last report for this semester

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Ahmed Al-Hulayel	We performed with abdullah and khalifa, the final testing the magnetic connection on the landing station - we also glued everything together and finalized our design. We ran into some issues and had to order new prototypes and work on them	5	50.5
Abdullah Al-Obaidi	We performed with ahmed and khalifa, the final testing the magnetic connection on the landing station - we also glued everything together and finalized our design. We ran into some issues and had to order new prototypes and work on them	5	53
Drew Underwood	SSH has been established, we can now make changes remotely via SSH over the school network. We also don't have to use VI anymore which is a godsend. We can also run commands from an SSH connection now and control the drone.	10	58

Khalifa Aldhaheri	We performed with abduallah and ahmed, the final testing the magnetic connection on the landing station - we also glued everything together and finalized our design. We ran into some issues and had to order new prototypes and work on them	5	51
Garrett Lies	Working on writing additional programs to try and learn more about the drone. Trying to fix issues with dronekit, had to reflash due to issues with dronekit	8	64