

Advanced Multirotor Drone
Meeting Minutes 11/1/2018

Members present:

- Preston Stephens
- PQ
- Matthew Shryock
- Caleb Smith
- Makynzie Zimmer

Major Topics:

- Discussed preliminary control system
- Discussed what kind of motors and hardware will be used to do the DIY Escs
- Discussed the advanced drones we see in the drone summit
- Discussed the 13" propeller needed to fit the desired low rating motor
- Discussed how to make wire connection on the rotating wooden testing device

Major Decisions:

- Purchase arduino UNO board, 13" CF prop and Ultralight Antigravity 400 motors
- Use the solderless breadboard to make the electrical connection
- Basic testings on the old drone palstic framework

Next Steps:

- Testing the motors and running with our coding environments
- Begin coding with the goal of using the Basic I/O Shield to measure the speed
- Discuss how to include all the discrete components into one single FPGA
- Hook up all the purchased items to make the test