

Advanced Multirotor Drone  
Meeting Minutes 11/8/2018

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Members present:

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

Major Topics:

- Tested the DIY Escs using WF32 in the arduino environment
- Discussed the next set of electronic chip will be used
- Discussed the next advanced DIY Escs embeded in the FPGA board
- Discussed the XLR8 development board

Major Decisions:

- Purchase XLR8 development board Arduino-Compatible FPGA Based(Sno, SNOmakr and XLR8)
- Use the recent DIY Escs to make the presentation on the design review session
- First prototype will not use the balloon that will be just a wooden frame

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 deeper on how to include all the discrete components into one single FPGA