

Group: May 1738

Project: Flying flashlight

Advisor: Professor Gary Tuttle

Members: Peter Bonnie, Brady Koht, Sebastian Roe, Joseph Wickner, and Scott Melvin

○ **Weekly Summary**

Going into the 4th week of the semester we have sent out PCB file to Lee Harker and Professor Tuttle. Upon receiving their feedback several revisions and final touches were applied to the PCB. Winch/drum design was started this week. The communication between the “controller” and the quad copter is still being tested. The issue has been narrowed down to a couple of possibilities but again, this needs to be investigated further.

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Peter	Continuous programming of XBee. Reviewed PCB board.	5	57
Brady	PCB Designing and Review	3	47
Scott	Start Drum Designing	2	45
Sebastian	PCB Design	6	51
Joe	Xbee Programming	2	45

○ **Plan for coming week**

Continue working on Drum design along with Flight control and stability. Slip rings will be used to provide power through the winch up to the quad copter itself. Solid works design will need to incorporate this.

○ **Pending issues**

No pending issues at this point in time.

○ **Summary of weekly advisor meeting**

There was no meeting with advisor this week.