

Group: May 1738

Project: Flying flashlight

Advisor: Professor Gary Tuttle

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

○ **Weekly Summary**

The week of 2/27- 3/5 the majority of the drum/winch system parts have been received and Lee Harker from the shop did the in house machining of the drum supports. As per the majority of weeks; flight control and testing is an ongoing process. We met several times this week and for an extended period of time on Saturday. Flight controller testing and documentation. We also began preparing slides for our presentation with Professor Amariucaí next week. We have realized a need for a different style flight control text fixture. We want to incorporate the test stands in the CPRE 488 lab into our system. An adaptor plate is needed.

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Peter	Xbee And Flight Control	6	75
Brady	Interview, Documentation. Flight Control	6	58
Scott	CPRE 488 Test Stand Design	5	57
Sebastian	Drum Assembly, Website	6	73
Joe	Documentation, Flight Control	5	55

○ **Plan for coming week**

We will be finishing our presentation and slides to be able to present to Professor Amariucaí. As well as continuation of flight control testing and drum assembling. The electronics for the winch control will to be addressed in the coming days.

○ **Pending issues**

We are seeing a need for a different flight test stand. We are in the process of designing an adapter plate for the CPRE 488 test stand.

- **Summary of weekly advisor meeting**

There was no meeting with advisor this week.