

Senior Design group 6 Meeting #6

Date: 10/29/12

Meeting Start Time: 11:02 AM (-3 GMT) (with DST)

Meeting End Time: 11:24 AM (-3 GMT) (with DST)

Communication Method: Google +

- Next set of deliverables
 - Peer Review Form due this week.
 - Template was emailed last week. We each need to fill out a form for every team member. There are certain areas that do not apply to us (they should be obvious); those sections get filled out with an NA. Once complete, they get emailed to Dr Amin, and also get posted to our Blackboard webpage. EE's in Brazil, you can have Matt upload to his blackboard account via our group discussion page.
 - Interim Design Review due the following week (Due 11/12)
 - This is only a presentation but it is a much larger one than what we put together last week for the Concept Report. We will be discussing in more detail things from the reports from last week. Also going into more detail about the camera system and mechanical means of attaching it to the plane. We need as much research as you can find on image processing and target recognition software that you can get. It does not have to be in strict report form but we will need to translate it to a presentation/speech.
- Purchased items
 - ArduPilot Mega with Telemetry kit
 - Girlfriend of Matt will bring system to Brazil
- Update on flight progress
- Final Presentation for semester
 - Brazil to join?
- Comprehensive list of items found in portable from last year's project
 1. Sony FCB Block Camera and wiring.
 2. Transmitter for camera

3. Gimble system for camera
4. Spektrum DX5e five channel radio control system
5. Random 2 channel control switch
6. Common sense RC Li-ion/Li-polymer balance charger
7. E-flite 2-3cell balancing charger
8. V6AC balance charger
9. Futoba s3004 servo
10. AXI 4130/16 motor
11. Castle Link telemetry chip from castle creations
12. Thunder Power AC 3850 mAh battery
13. Futoba T7cap computerized airplane system (controller)
14. Senior Telemaster w/ brushless motor, missing prop, nose cone and battery compartment cover
15. Lots of random miscellaneous stuff