

MEETING AGENDA

Topic: Finish Electrical System

Monday, November 19, 2018

Meeting called by: Team

Attendees: Michael Broyles, Ethan Smith, Brandon Beaudoin, Jonathan Hernandez, Nathan Zufelt

Please bring: Laptop, Notebook, Relevant research

Location: Engineering Room #323

Objective: Finish electrical system and prepare for presentation

5:15	Begin meeting: Call meeting to action Scribe: Michael	Engineering Room #323
5:30	Team members discuss the input from Nova Kinetics and how we should move forward.	Engineering Room #323
5:45	Team members complete the electrical system and create a diagram.	Engineering Room #323
Remaining minutes	Plan for next meeting New Action Items Brandon – Update Gantt chart and other administrative duties. Michael – Update solidworks model with fuselage design Nathan – Updated Budget Ethan – Design requirements in powerpoint. Jonathan – Will work on electrical diagram of components	Engineering Room #323

Notes:

- The team discussed fuselage design and how to mount the wings to the square carbon spar which connects the tail assembly to the remainder of the plane.
- If possible, we would like to leverage the carbon processing capabilities of Novakinetics to mount two carbon tubes which will be slightly larger than the individual wing spars.
- The remainder of the fuselage can be made by using round balsa wood disks with several holes around the circumference, these holes can house the carbon fiber rods which will be recycled arrows that are no longer functional.
- Electronics can be mounted on the three functional surfaces (Top, and Sides) inside the circular rings.

- Wings can be mounted so the top of the wing is in a similar location to the top of the fuselage.
- The duration of the meeting was used to work on the presentation which is due the Tuesday after thanksgiving. The purpose of this presentation is to show the class the final design and decisions which influenced this design.
- Brandon also attempted to configure the transmitter and receiver to interact with each other.