

Team: P21462 Engineer: Christian Niebling

What were the outcomes of the prior phase?

1. I finished the electrical BOM
2. I made significant progress on the electrical box CAD model
3. Ordered all necessary components from both the mechanical and electrical BOM's.
4. Made alterations to the BOMs to compensate for the unexpected

Team level goal for next phase

In the subsystem build and test phase, we will start to assemble the modules of our design by themselves.

What do I plan on doing to ensure that my team has a successful review at the end of the next phase?

1. Now with concrete components, finalize electrical box CAD model
2. Update circuit schematic to reflect all changes (include wire gauge)
3. Start fabrication of electrical box
4. Work with garrett to order new parts

What is standing in my way of meeting my next phase goals?

Biggest issue is the amount of time given. Career wise, I have been very busy. Graduation is soon and having a full time job is an emerging priority. There is a lot of small stuff that needs to be done for the electrical box to be completed.