

**Team: P17310**

**Engineer: Sarah Williams, Mechanical Engineer**

**Entering Phase: MSD II Phase 3**

**What do I plan on doing to ensure that Team P17310 has a successful MSD II Phase 3 review?**

1. Ensure material ordering completes smoothly (1 day)
2. Continue hinge environmental exposure test (1 week or longer)
3. Finalize power system with the team/address system issues (1 week)
4. Perform component testing as necessary once parts arrive (1 week or longer)
5. Finalize drawings for machine shop personnel to begin prototype (1 week or longer)
6. Support cable management efforts as necessary (Continuous)

**You will answer these three questions when you submit at the end of the MSD II Phase 3 Review.**

1. What did I actually do?
  - Completed material ordering
  - Continued hinge environmental exposure testing using Biology freezers
  - Began prototype fabrication
2. What did I learn?
  - This phase reinforced an old lesson of the high importance of engineering working together with manufacturing to create cheap and efficient parts.
3. What do I plan on doing to ensure that Team P17310 has a successful Phase 4 review?
  - See Phase 4 Three-Week Plan