

Team Meeting

Date: Monday January 29, 2018 2:30-5:00Pm.

Location: Machine Shop

Lead Person: Hannah Rentschler

Minutes Recorder: Hannah Rentschler

In Attendance: Azalea Grant, Ethan Michel, Brandon Begay, Robert Libby, Hannah Rentschler.

Executive Summary:

Updated the team on progress made and started machining the foot plates

Minutes:

Ethan updated the team on his analysis of the foot late. According to his calculations they should be strong enough to withstand all the loads that would be applied to it.

Robert finished the potentiometer mount and is still working on the torque sensor mount bracket.

Hannah brought in the 3D printed model of the design. It looked good except the foot plate appeared to be to small so the team made it longer.

Azalea, Robert, and Ethan started manufacturing by cutting out the base plate and the foot plate. We also received parts that we ordered from mcmaster last week

Robert and Hannah started calibrating the tension sensor and verified that it was reading the correct torque.

Hannah presented a different design that could be done instead of the lever arm design. The new design is directly actuated about the hinge by a belt system from a pulley mounted at the ankle. The team decided to consider this design and vote on it at the next team meeting.