

Turbocor Meeting
Date: 10/20/14
Time: 3:30-4:45PM

Attendees:

Kevin Lohman (Turbocor)
William Bilbow (Turbocor)
Devin Stubbs (Team leader)
Coert Maraist (Secretary)
Gabriel Omoniyi (Webmaster)
Luke Leelum (Accountant)
Yoel Bugin (Lead ME)

Minutes:

Objective for next meeting

- Reduce costs in all design aspects
- Finalized designs
- FEA analysis
- OSHA compliance clarity

Design & Analysis

- Changing of winch by Turbocor a possibility, get drawings of winch by company if Turbocor decides to switch
- Account for failure of 1 point of lift on lifting bar (Hollis)
- Design must be OSHA Compliant and does not need to be OSHA Certified
- Analysis must be done at all possible positions of the trolley system

Funding & Part ordering

- Funding was sent in to FSU from Turbocor, collaborate with John Cloos
- Speak with Cloos about PO's and see if Team 5 can order through Turbocor to receive benefits
- Compare BOM to Kevin Lohman to determine if he can provide better prices
- Suppliers to use: **MSC , Oneil Steels, Online Metals, McMaster-Carr**
- Talk to Bruce Barnett (Turbocor) about ordering Parts
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Fabrication & Testing

- Team 5 is responsible for determining a test apparatus, but part fabrication and assembly can be done at Turbocor
- Implement a load cell for testing the appropriate forces