

Location: Professor Willy's Office

Date: 12/6/18

Time: 6:45pm

Abstract: Go over new designs and discuss work needed to be done over winter break

- Added the yaw bearing assembly into the tower
 - Used two deep groove ball bearings
- Added extra section onto the nacelle
- Work needing to be done over winter break
 - Riley: Start prototyping with pitching mechanism
 - Tanner: Buy a linear actuator, stepper motor, and servo to test how much power can be applied when simulating the brakes
- Conference call with the DOE and other teams 12/12 at 12pm
 - Team leads need to be there
 - Riley and Willy will be doing stuff for their CFD class
 - Tanner and Chris will be in charge for the call
 - Be sure to be bland with all information
 - “Building a wind turbine that has some blades, brakes, a passive yaw system”
- Reiterate deadlines set by Willy
 - Full system integration and subsystem assembly by February 1st
 - Subsystem testing done by February 15th
 - Full system testing by March 1st
 - Finish off testing at the end of March
- Meetings over winter break
 - Riley, Willy, and Chris will try to meet once a week since they will be staying in Flagstaff for the majority of break
 - Tanner gets back around January 7th or 8th
 - Will have a meeting when he gets back

Meeting Adjourned: 7:50pm