

MEETING MINUTES

Topic: Further Development

Tuesday, January 23, 2018

5:55 pm – 6:10 pm

Minutes recorded by: Jeremy Tilden

Meeting called by: David Trevas

Attendees: Andrew Robinson, Isaac Keene, Adam Wedell

Table 1. Record of meeting.

5:55 pm – 5:58 pm	Meeting Start <ul style="list-style-type: none">• Reimbursement forms signed by David Trevas• Need to go to Dr. Tester for approval	duBois, Room 11
5:58 pm – 6:00 pm	Beam and base <ul style="list-style-type: none">• Square base• Welding, braising<ul style="list-style-type: none">○ Mig, turned it down○ Torch and then use aluminum filler rod○ Braising best option	duBois, Room 11
6:00 pm – 6:03 pm	Strain gauge/Shaft Design <ul style="list-style-type: none">• Need to use the rj50 cable• This was causing the problem• Flat side on shaft with collars on each side	duBois, Room 11
6:03 pm – 6:07 pm	Blade Design <ul style="list-style-type: none">• Use the Blade Element theory (used for wind energy)<ul style="list-style-type: none">○ Calculate different sections○ Need to calculate based on speed vs radius	duBois, Room 11
6:07 pm – 6:10 pm	Action Items <ul style="list-style-type: none">• Isaac – Order the aluminum• Andrew – Beam to casing attachment• Adam – Calculate blade angles of attack• Jeremy- Research hot wire anemometer and buy Arduino	duBois, Room 11

Table 2. Tasks Assigned.

Task	Person Assigned	Due Date	Date Complete
Action Item	Everyone	1/30/2018	

Next formal meeting: 1/20/2018, Room 11, duBois Center, at 5:50 pm.