

MEETING MINUTES

Topic: Further Development

Tuesday, January 30, 2018

5:35 pm – 5:50 pm

Minutes recorded by: Jeremy Tilden

Meeting called by: David Trevas

Attendees: Andrew Robinson, Isaac Keene, Adam Wedell

Table 1. Record of meeting.

5:35 pm – 5:40 pm	Materials <ul style="list-style-type: none">• Rapidlab – you can take out of capstone money• Isaac ordered the aluminum• 6 inch diameter small plate – screw to casing• Bearings – mounts press fit into the casing<ul style="list-style-type: none">○ Goes to the outer edge	duBois, Room 11
5:40 pm – 5:45 pm	Blade Design <ul style="list-style-type: none">• Simple calculation for fan blades• Velocity blade = Angular velocity * radius and assume constant air• This is a very simple calculation, no drag no other calculations• Basic program to base the blades on• See how detailed willy wants the design (how complex)• Want net angle of attack be the same	duBois, Room 11
5:45 pm – 5:50 pm	Action Items <ul style="list-style-type: none">• Andrew – turn the shaft, holes in the casing, machining• Isaac – Parametric Design of the propeller (solidworks)• Adam – Find what variables we need• Jeremy – Hot wire anemometers	duBois, Room 11

Table 2. Tasks Assigned.

Task	Person Assigned	Due Date	Date Complete
Action Item	Everyone	2/6/2018	

Next formal meeting: 2/6/2018, Room 11, duBois Center, at 5:50 pm.