

MEETING MINUTES

Topic: Continued Manufacturing, Midpoint Presentation

Friday, October 26, 2018

12:00 pm to 3:00 pm

Minutes recorded by Jacob Barker

Meeting called by Jacob Barker

Attendees: Jacob Barker, Samm Metcalfe, Ashley Shumaker

Table 1. Record of meeting.

12:00 pm to 1:00 pm	Work on Midpoint Presentation <ul style="list-style-type: none">• Created outline, chose theme• Populated initial slides• Added slides for individual analyses• Added blank slides for manufacturing (yet to be completed)	Samm's Apartment
1:00 pm to 3:00 pm	Continued Manufacturing <ul style="list-style-type: none">• Continued sanding down blades and stators<ul style="list-style-type: none">○ Finally have fitment correct, got all blades installed○ Blades spin well• Drilled hole in tube for combustion chamber• Have issues with blade spacing<ul style="list-style-type: none">○ Too difficult to set blade spacing and remove after testing• Decided to cut acrylic tube in half<ul style="list-style-type: none">○ Tried two methods: heated razor blade and saw○ Saw worked better○ Cut tube lengthwise○ Still fit together well, but small space that will need to be filled• Installed all blades and combustion chamber<ul style="list-style-type: none">○ Sealed two halves of tube with masking tape<ul style="list-style-type: none">• Will use better seal for final product• Hooked up to air compressor and tested<ul style="list-style-type: none">○ Spins very quickly, sounds like a little turbine 😊○ Can run on less than maximum flowrate, but not ideal<ul style="list-style-type: none">• Will need another air tank to make experiment more usable• Meet again on tomorrow night manufacturing and presentation for Hardware Review 2 on Monday	Samm's Apartment