

MEETING MINUTES

Topic: Analytical Results and Remaining Milestones

Sunday, October 14, 2018

10:00 am to 11:00 am

Minutes recorded by Jacob Barker

Meeting called by Jacob Barker

Attendees: Jacob Barker, Samm Metcalfe, Ashley Shumaker

Table 1. Record of meeting.

10:00 am to 10:15 am	Individual Analysis Results <ul style="list-style-type: none">● Ashley wasn't able to do a stress analysis for the shaft<ul style="list-style-type: none">○ Analyzed torque and moment of inertia● Jacob wasn't able to do FEA analysis for blades<ul style="list-style-type: none">○ Beam analysis revealed deflection would not be a concern for blades as designed● Samm couldn't quite make MATLAB code work for heat transfer analysis<ul style="list-style-type: none">○ Too many unknowns	Capstone Room
10:15 am to 10:50 am	Discussion of remaining work before next milestone <ul style="list-style-type: none">● LabVIEW<ul style="list-style-type: none">○ Need calibration curve for pressure transducers in order to calibrate○ Ask old team and contact transducer company to try to obtain● Manufacturing<ul style="list-style-type: none">○ Need to have test blades printed by this Friday○ Print one step below loose fit for rotating blades○ Need to print stand for tubes● Pressure measurement system<ul style="list-style-type: none">○ Need one more needle valve and one more T joint● Need to cut tube<ul style="list-style-type: none">○ Test pressure taps	Capstone Room
10:50 am to end	Plan for next meeting <ul style="list-style-type: none">● Meet Wednesday during class at my apartment<ul style="list-style-type: none">○ Bring tools-drill and saw	Capstone Room

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| | <ul style="list-style-type: none">○ Talk to Oman about printing combustion chamber | |
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