

MEETING MINUTES

Topic: Meeting 5- Analytical Analyses Intro

Friday, September 21, 2018 - 10:30 am - 1:30 pm

Location: Machine Shop

Minutes recorded by: Braden Weiler

Meeting called by: James Seganti

Attendees: Damian Lumm, Angel Montiel, Caleb Hatcher, James Seganti, Braden Weiler

Executive Summary:

To begin the meeting, our team discussed how underclassmen can be incorporated into the project to get them involved for their future capstones. The main plan for the underclassmen is to find smaller parts of the project for them to work on such as doing some small calculations or aiding in the manufacturing process. Following that, we discussed who would be available to watch the livestream for registration instructions on September 27th. The majority of the meeting we began researching equations and programs that could be used for specific areas of the plane for our analytical reports. As a team we began looking at calculations for the propellor by starting some code in MATLAB with the equations we had found through our research. At the end of the meeting, we discussed meeting on Monday to start planning for registration and to do some more research regarding analysis of the plane.

Table 1. Record of meeting.

10:30 am to 11:00 am	Introductions <ul style="list-style-type: none">● Discussed how underclassmen could help with the project after hearing interest from them at a SAE meeting● Discussed listening to a livestream on September 27 to hear how registration works for the competition
11:00 am to 1:00 pm	Analytical Analysis Introduction <ul style="list-style-type: none">● Discussed what programs and equations we could use to do calculations that would help us get started with the plane design● Began doing some preliminary calculations in MATLAB

1:00 pm to 1:30 pm	Plan for next meeting <ul style="list-style-type: none">● Discuss how we plan to prepare for registration● Discuss what we want to accomplish during the next week
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Next formal meeting: September 24, 2018, Capstone Room, Engineering Building, at 10:30 am