

# MEETING MINUTES

**Topic: Meeting 14- Plans for Analytical Analyses**

**Tuesday, October 23, 2018- 5:00 pm - 6:45 pm**

**Location: Capstone Room**

**Minutes recorded by: Braden Weiler**

**Meeting called by: James Seganti**

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

## **Executive Summary:**

To start the meeting, our team went over the SolidWorks model that Caleb had created for the fuselage and discussed what we thought of his ideas and any changes that we thought could be made. After that we made sure to email Singne the URLs of the items we planned to purchase in order to prepare for our propeller and motor analysis. That being said, our team went over the plans for each of our analytical reports to make sure we had solid calculations ready for each component of our plane. Along with that, we made sure that each of us would be able to finish our analytical reports early since we want to be able to be ahead of schedule. The reason we planned to be ahead of schedule is to be able to have a full SolidWorks model complete by next week for Angel and James to do their analytical analysis. Therefore, our team split up the components of the plane and planned to have our SolidWorks parts started before the next meeting. Overall, our team laid out a solid plan for the analytical analyses to make sure the calculations we are doing will be fully beneficial to our design.

**Table 1. Record of meeting.**

<b>5:00 pm to 5:30 pm</b>	<b>Introductions</b> <ul style="list-style-type: none"><li>• Discussed the design of the fuselage and any changes that should be made so Caleb could update his SolidWorks model</li><li>• Sent an email to Singne of URLs for the items that we wanted to purchase for our analytical analysis of the propeller and motor</li><li>• Went over the progress each of us has made on our analytical analysis and how soon we will be able to complete them</li></ul>
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<p><b>5:30 pm to 6:30 pm</b></p>	<p><b>Capstone Work</b></p> <ul style="list-style-type: none"> <li>● Our team separated parts of the airplane to be modelled in SolidWorks so we could have a full model complete by next week in order for James and Angel to complete their analytical reports</li> <li>● As a team we went over the plans for the analytical reports for Damian, Caleb, and Braden since the three of us have begun working on our calculations</li> </ul>
<p><b>6:30 pm to 6:45 pm</b></p>	<p><b>Plans for next meeting/ Assigned Tasks</b></p> <ul style="list-style-type: none"> <li>● For the SolidWorks model Caleb will do the fuselage, James will do the wings, and Braden and Damian will split up the landing gear and powertrain</li> <li>● We each planned to have our parts started before our next meeting</li> </ul>

**Next formal meeting: October 26, 2018, Machine Shop, Building 98C, at 10:30 am**