

MEETING AGENDA

Topic: Tests and analysis

Monday, November 5, 2018

Meeting called by: Team

Attendees: Michael Broyles, Ethan Smith, Brandon Beaudoin, Jonathan Hernandez, Nathan Zufelt

Please bring: Laptop, Notebook, Relevant research

Location: Engineering Room #323

Objective: Establish links to secure testing materials and cover analytical tasks

Notes:

5:15	Begin meeting: Call meeting to action Scribe: Nathan	Engineering Room #323
5:30	Team members discuss their weekly task: Brandon – Analytical Task Briefing: Control Surfaces Michael – Analytical Task Briefing: Solar Panels Nathan – Analytical Task Briefing: FEA/stress analysis Ethan – Analytical Task Briefing: Airfoils, Contact flyers about parts Jonathan – Analytical Task Briefing: Electrical System, Transmitter setup	Engineering Room #323
Remaining minutes	Plan for next meeting New Action Items Brandon – Keep being awesome Michael – Finish Individual analysis Nathan – Finish Individual analysis Ethan – Finish Individual analysis Jonathan – Finish Individual analysis	Engineering Room #323

Minutes 11-5-18

To do:
Mounting surface design
Internal structural design
Component selection

Testing

Panel orientation

Meeting Minutes:

Brandon introduced a wing calculation excel sheet that he found

We discussed each of our report sections.

Mike emailed Dr. Trevas about the due date for the report.

Mike is going to discuss the theoretical solar input and try to determine which arrangement of panels and batteries will best work for us.

Nathan will be determining the type and shape of the spars for the wings. The spars are important so that the wing itself does not twist and cause changes in control.

Jonathan was not able to attend the meeting however, we discussed how his assignment might play out.

Internal structure, Brandon discussed the internal framework of the tail design. We need to determine how to assemble the plane so that we can move the tail to balance the

Nathan drew a scale side view of the plane on the white board

We discussed the sizing and location of the tail and wing.

We found a similar plane to our design called Atlantik. Using them as a new comparison we were able to discuss some potential solutions for our design.

We continued to work on our individual research.