

# MEETING AGENDA

## Topic: Individual Analysis

Monday, October 29, 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: Move forward with individual analysis

### Notes:

<b>5:15</b>	Begin meeting: Call meeting to action Scribe: Jonathan Hernandez	Engineering Room #323
<b>5:30</b>	Team members discuss their weekly task: -Complete the preliminary report	Engineering Room #323
<b>Remaining minutes</b>	<b>Plan for next meeting</b> New Action Items: Individual Analysis Research -Find 5 sources for use -Establish main points and brief description of topics to be covered Brandon – Control Surfaces Michael – Solar Input Nathan – Wing Stresses Ethan – Airfoil Characteristics Jonathan – Electrical System	Engineering Room #323

### Minutes 10-29-18

Brandon- Focus next couple of weeks on individual analysis.  
Mike- work on website and decide the pictures for the next website check on 10/30/2018.  
Team Worked on the Website.....  
Updated pictures, updated date, sponsor logos, and cover photo

### Staff Meeting 10/30/2018

Controller, panels, and connectors all came in.

Moving forward with meeting with the flagstaff flyers, plan is to get testing done and hopefully get feedback on how to test different motors and propellers.

Ethan- NovaKinetics shop tour will happen soon, will contact them soon when they come back into town.

Brandon—5 references towards our individual analysis, due next week to help generate concepts of the analysis.

Trevas—question towards having a charge controller in the desing.

Team—we will find out about the charge controller hopefully with the individual analysis.

Mike-weight so far from solidworks is ~7 lbs, doesn't include electronics or cut outs of material anywhere.

Ethan-Prototype for end of semester?

Trevas-Benchtop model for prototype with the solar panels.

Brandon- Electrical benchtop with working motor.

Trevas—bio inspire idea of how to mimic birds flying.

Mike—auto pilot idea for improvements for next semester.

Trevas—stress idea of having the plane to glide over UGRADs could help win best design, will help resume!

Jonathan – Failed at test flight will need more work