

# **Sae Micro Aero Staff Meeting 4 10-15-18**

**Meeting time:** 6:50 pm

**Meeting Location:** Room 314 EGR Building

## **PRE-STAFF MEETING**

### **POWERPOINT**

1. Project Description
  - a. Jeremy
2. Design Considered
  - a. 2-3 each of design
    - i. Jeremy (drawings)
  - b. Advantages/disadvantages
    - i. Collin
3. Design Selected
  - a. Decision matrix
    - i. Collin
  - b. Meets customer requirements
    - i. Salem
4. Schedule and Budget
  - a. Salem
5. Connectors
  - a. Snap Fits
    - i. Casings
6. Spring Break
  - a. March 18-22nd

## **STAFF MEETING**

### **CONCEPT GENERATION AND SPONSORSHIP**

1. Propellers
2. Wing Span
  - a. Chord length
  - b. Aspect Ratio
  - c. Drag and lift at speed we will be flying at
3. No Ailerons
  - a. Solid wings
  - b. Servos in tail
4. Fuselage
  - a. FEA analysis of fuselage

- b. Material
    - i. Foam
    - ii. Best material to choose from
- 5. Sponsor
  - a. Up to \$1,500
  - b. Quality Vans and Specialty Vehicles

**ACTION ITEMS**

1. Connectors
2. Power Point
3. Dr. Tester Meeting
4. Website
5. Preliminary Report due 10-26-18