



Blocked: - None

## **Electronics**

In progress: - Block Diagram of Electrical Schematic Diagram of wiring

Done - Order Parts

Blocked:

## **Software/Controls**

In progress: - ArduPilot SITL Simulation

Also: Learning to read through the ArduPilot documentation to have the software prepared when the mechanical is ready

## **B) Decision Log**

Decision #	Topic	Options Considered	Decision	Owner	Deadline
Decision - 1	Design	Actuation Design on Engine Mount with gear or with a lever arm.	Gear-based actuation with servo driving the gear.	Team	N/A
Decision - 2	Design	Components of the Engine Mount	Design Picture's attached at top for overview	Team	N/A

## **C) Build / Assembly / Design Work**

### **Build Plan for Today :**

- Assemble: N/A
- Fit-check: N/A
- Test: N/A
- Update CAD live: In Progress
- Update wiring diagram live: In Progress

### **Artifacts created/updated:**

- CAD: In Progress
- Diagram: In Progress
- Test doc: N/A
- Photos/video: N/A

#### D) Tasks for Next Session

Task	Owner	Deliverable (link/file)	Acceptance Criteria ("done when...")	Due
Take Arsh's decision and turn it into a block diagram	Jeff			(ASAP) - This is a 10 min task
SITL Simulation work, also understanding Ardupilot's implementation, so we are ready with that once mechE is done	Ayaam & Vivienne			Continuous Process
CAD out Components in OnShape	Everyone else			Continuous Process

#### F) Next Meeting

**Next meeting objective:**

**Required prep (must be done before next meeting):**

- - Abstract Electrical Schematic is Done
- - Initial Engine Holder Component is Done, and Gear actuation is started and modeled out
- - Progress made on SITL Simulation