

## **Week of 02/3/25 - Week 5:**

### **Team Level Progress:**

- Build V4 complete
  - Learned Helicoils
  - Learned that boards can fit upside down but right side up they are better.
  - More complete documentation.
- Blockers:
  - Waiting on new set of boards so we can have multiple concurrent builds
  - Waiting on Chassis
- Needs: TVAC Testing

### **Individual Progress:**

- Crystal Scott -
  - Worked on weekly prototype build 4 & took notes
  - Prepared mass, center of mass, moment of inertia values, and reduced size CAD file exports for Exolaunch documentation
  - Shifted gears on reaction wheel mounting strategy - connector pins on the HDD must come in contact the reaction wheel PCB, so suggested ways of mounting the HDD directly to the PCB without another solid plate
- Liz Zhang -
  - Updated CAD assembly with new boards and hardware
  - Working on rewriting assembly procedure
  - Working on creating hardware BOM
- Eric Grynberg -
  - Generated a TVAC testing plan and discussed with other teams
  - Worked on build V4
  - Filled out necessary documentation sent by Neel.
- Clara Devaux
  - TVAC testing plan with other teams
  - Burn wire testing in progress, need the code for burn wires before testing
  - Worked on FFC license requirements
- Kiera Boucher
  - Finalized Vibration Test Fixture Plan with Clarke Testing
  - In communication with Jacob Martin, head of dynamic testing at clarke to set up a schedule for our testing, aiming for sometime in the next 2 weeks for our first test
- Keerthi Koganti -
  - Generated a TVAC testing plan and discussed with other teams
  - Had Inter-team meeting to figure out Burn Wire Testing

- Worked on figuring out sizing for FPC wires