

# Mechanical Milestones

## 1. Fully finalized CAD model

- a. Chassis
- b. Internal board stack
- c. External boards/deployables
- d. Wiring/cable management

## 2. Fully finalized assembled prototype

- a. By end of week
- b. New versions every other week after!
- c. Documented assembly procedure.

## 3. Completed TVAC testing - For each version

- a. Component-level
- b. Full assembly

## 4. Completed vibe/shock testing - Only have capabilities to do 1-2.

- a. Build fixture ASAP
- b. Full assembly

## 5. Verify thermal and structural requirements through simulations

- a. Thermal and structural simulations
- b. Compare simulation results to testing data

