

EG-499 Capstone Design

Team Thermocline

Weekly Status Report (Week 5)

Date: 2-8-26

Completed This Week:

- *Weekly Meeting (2-3-26)*

Nik (Project Engineer):

- PH

Alex (Chief Test Engineer):

- CAD model for insert of evaporator
- Subsystem Description Report
- Interim Report

Lexi (System Engineer):

- PH

Jacob (Chief Analyst):

- CAD for heating panel, structural fasteners, external panels, HMI mount, and airflow management compartment.

Joe (Program Lead):

- Set date for CAD review -> Feb 17th, with Mike & Mark mech E

Next Week Plans:

- Interim Report presentation
- Continue system prototyping, testing components, and fabrication
- More CAD design of critical mechanical components

Updated Status on Issues Previously Reported:

- N/A

Issues Needing Resolving:

- N/A