Having been forced off-campus for some time, the team began their Romulus engine project in the Summer of 2020, springing off the research initiative started the Fall prior. Romulus expands on lessons learned from the design of Helios, being a Kerosene-LOX regeneratively cooled engine designed to produce ~450lbf. Romulus' main goals are to:

1. Incorporate active and passive cooling methods, including regenerative cooling.
2. Design a pintle injector to balance thrust and temperature requirements.
3. Continue to expand the team's experience in system design and safe testing.

Romulus was discontinued due to lack of time and members to finish it.

**Engine Details:**

- Engine Nozzle Design
- Engine System Inputs

**Design Reviews**

- Romulus Preliminary Design Review
- Romulus Manufacturing Overview
- Romulus System Requirement Review