

Aerospace Design Project

STUDENT(S)

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ADVISOR(S)

Name: Dr. Raible

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PROJECT

Title: (possible title) Design and Prototyping of CO₂ Based Rocket Separation System for Akronauts Rocket Design Team

Design Criteria:

- 1) System must be mechanical in nature
- 2) The volume of the system must fit within current or future Akronauts rockets
- 3) System must have either internal or external redundancies to assure rocket separation
- 4) Mass must be minimized in order to assist in rocket performance
- 5) Design must be compatible with multiple sizes of CO₂ cannisters
- 6) The system must be resilient to vibrations
- 7) The system must be securable to the bulkhead of a rocket section

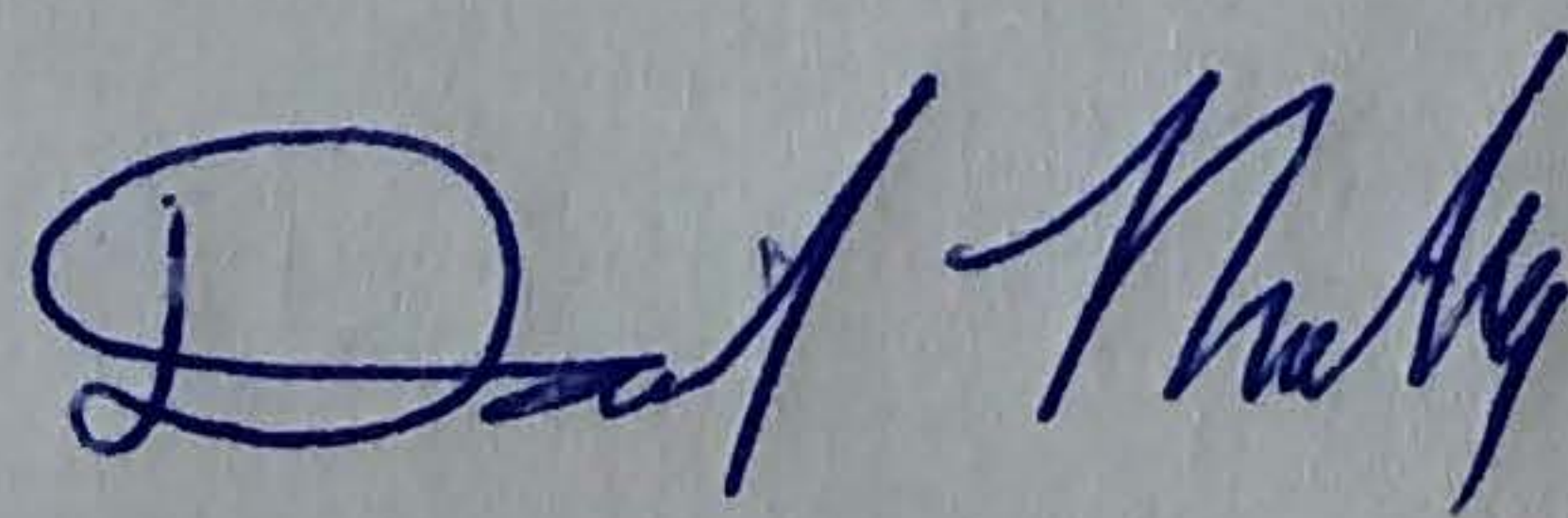
NOTES

This form is to be completed by the student(s) and signed by the advisor by Feb 4, 2022.

The Progress Report should be submitted to the advisor(s) by March 18, 2022.

The Final Report and Project due is April 22, 2021.

Advisor Signature:



Date:

2/15/2022