

MC1

Mission Concept 1

- CubeSat capable of cislunar travel
- Collaborate with NASA's Search and Rescue office
- Detect assets on the lunar surface



M3

Multi-Mode Mission

- NASA-sponsored (CubeSat Launch Initiative)
- Purpose: test the electric mode of a multi-mode thruster
- 3U CubeSat, ~4 kg mass



M3 Concept of Operations

- Initialize states
- Perform a system health check
- Enter Detumble Mission Mode
- Once detumbled, conduct electric burns and collect data
- Once completed, downlink data

