Mission Design

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BYU Spacecraft Winter 2025 Mini Rover

# Stage 0

* Preliminary operations constraints check
* Rover secured in transportation
* MOS secured in transportation
* Leave EB for base of trail

# Stage 1

* Initialization
  + Rover initialization
  + MOS initialization
* Ops Check
* Final operations constraints check

# Stage 2

* Traverse to top of the “Y”

# Stage 3

* Telemetry gathering
* Extended objectives

# Stage 4

* Return traversal

# Stage 5

* Rover recovery and secured in transportation
* MOS secured in transportation
* Return to EB

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