

ERA Experience Crew had a shared idea of how to work and live together - Crew sperifier days familiarizing with each other - Similar Goals and Personalities - Proactive communication - Proactive communication - Proactive communication - Proactive communication - Communication - Lamned resource conservation - Control informations with Mission Control Center (MCC). - Personal observations living in HERA: - Generally oversized - Forcised on the fittle things - Appreciation of the little things - Spreaking snacks from the moment and mission success - Journaling/reading - Sneaking snacks from the hydroponic garden - Sneaking snacks from the snack snacks from the hydroponic garden - Sneaking snacks from the snack snacks from the hydroponic garden - Sneaking snacks from the snack snacks from the snack snacks from the snacks from **HERA Experience**

NASA Desert Research & Technology Studies (Desert RATS) Overview

- · D-RATS was the precursor to the HERA
- program
 D-RATS Location: Flagstaff Arizona/mobile
 Research:
 Spacesuit equipment

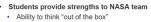
 - Robots Habitation modules

 - Exploration Vehicles
 Surface Mapping
 Navigation Techniques
 Communication Systems





NASA Desert RATS X-<u>Hab</u> Challenge: Students in the Critical Path Inflatable Loft Dome eXploration Habitat (X-Hab) Challenge put students in the critical path to deliver a product for Desert RATS testing Solicitation to University teams to design, test, build & deliver an inflatable loft dome Three universities competed University teams given ownership in the NASA vision Students given Principal Investigator (PI) status for their contribution



- Challenge standing cultures of how things are typically done
- Motivates a future generation of engineers



