

Sierra Space Introduction

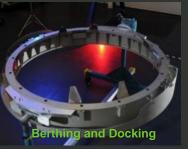


- Sierra Space is a carve-out of Sierra Nevada Corporation's Space System Business Area
 - Independent commercial space company
 - First legal day of operation on June 1, 2021
- What Sierra Space Includes
 - All product lines, personnel, and contracts under SNC Space Systems being transferred to Sierra Space
 - Over 1,000 employees and a multi-\$B backlog of contracts
- Sierra Space poised to build the future commercial space economy























Core Platforms



Dream Chaser

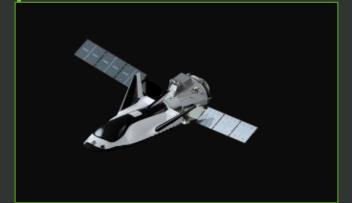




LIFE™ HabitatLarge Integrated Flexible Environment

Approach





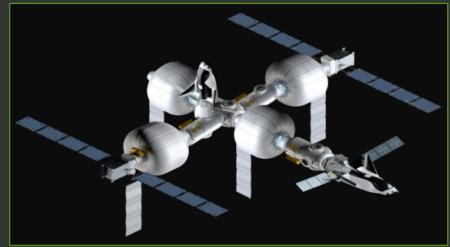
Prior to ISS End of Life

Build to Meet Commercial Demand



As early as 2028

As early as 2030



Mission Option: Dream Chaser Free Flyer



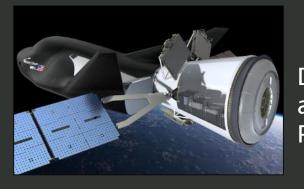
- Dream Chaser missions that do not rendezvous with a LEO platform
- Flexible mission duration
- More control over Micro-g environment
- Customizable orbit



Earth Return
Pressurized Payloads



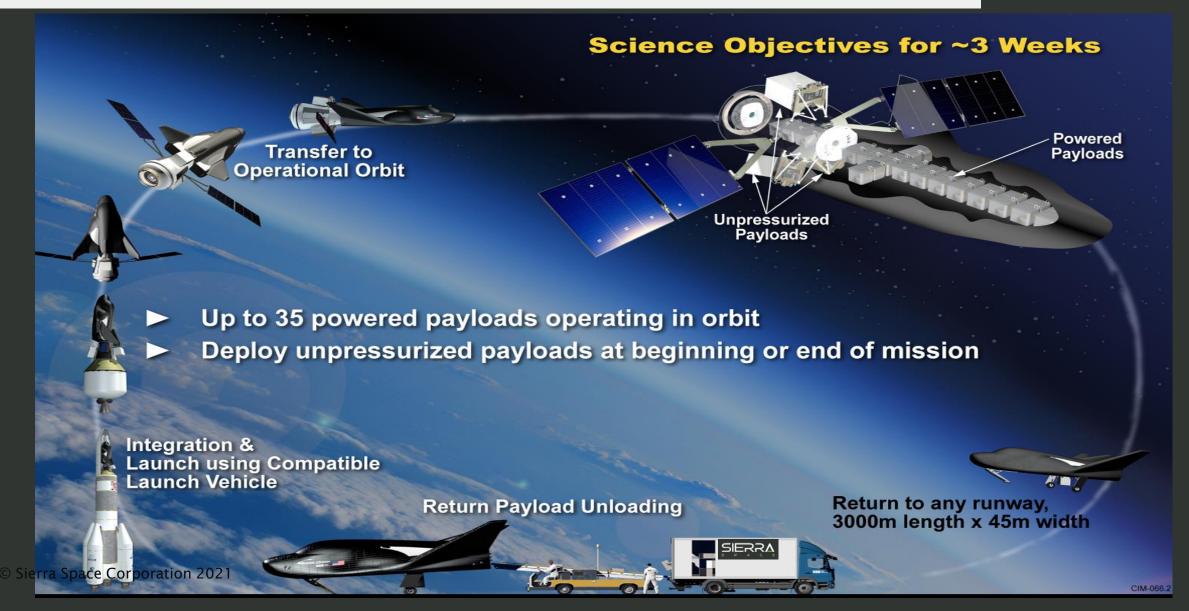




Disposal Pressurized and Unpressurized Payloads

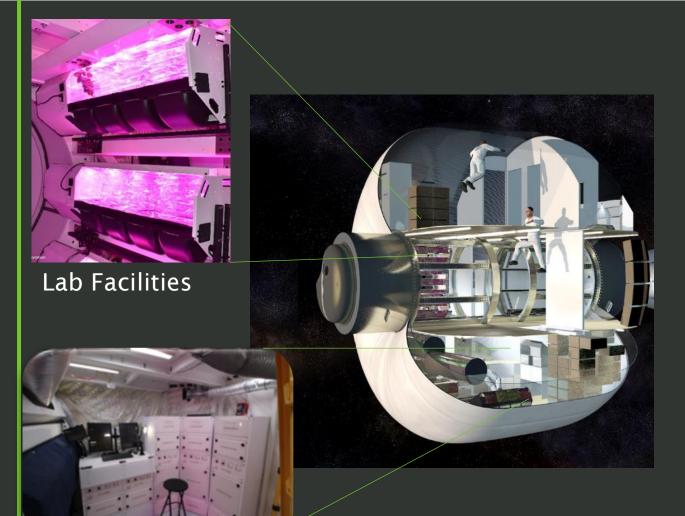
Notional Free Flyer CONOPS





Mission Option: Station





- Payloads to be transported to and hosted on Station
- Flexible mission duration
- Frequent opportunities to fly to and from Station
 - Possibility for rapid iteration
- Access to diverse resources and facilities

Hosted Payloads

Payload and Research Possibilities



- Human Research/Physiological
- BioPharma
- Materials Sciences
- Fundamental Science
- Technology Demonstration
- Manufacturing for Earth/Space
- Satellite Servicing/Deployment
- Tourist Destination
- Exploration









































Provides opportunities to address all 17 of the UN's Sustainable Development Goals (SDG's)



