

SNC[®]



Global Partnerships In Space Exploration and Innovation *No One Left Behind*

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Rebirth of the Space Age



Subsystems for GEO Comsats and new LEO constellations

Dream Chaser Cargo Delivery

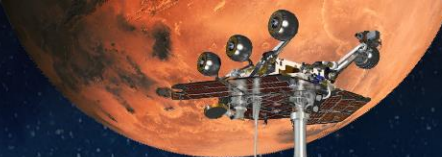


Upper Stage Engines



Sierra Nevada Corporation in Space

Rover Subsystems



LEO to Lunar Transport



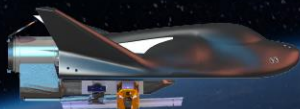
Payloads for ISS; Next Generation LEO Platform



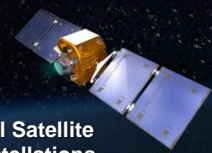
Lunar Gateway



Space Technology Test Vehicle



Small Satellite Constellations



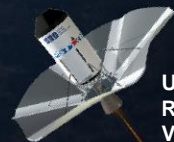
Near Space Systems



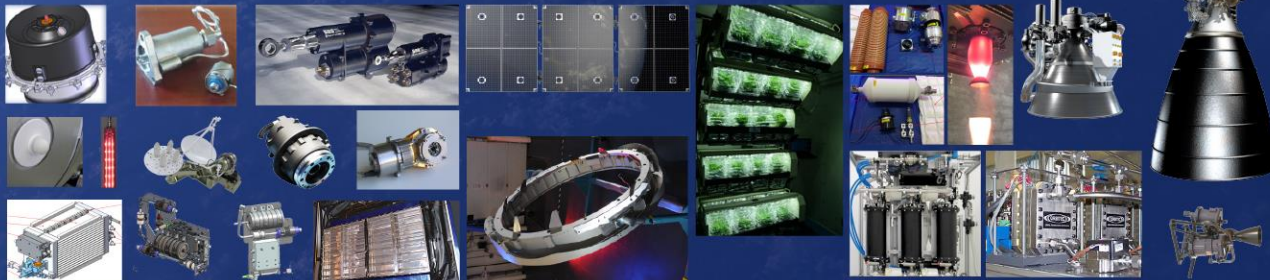
Hypersonic Propulsion Systems



UPSTAR Reentry Vehicle



Market Supplier of Subsystems and Components for Space Applications



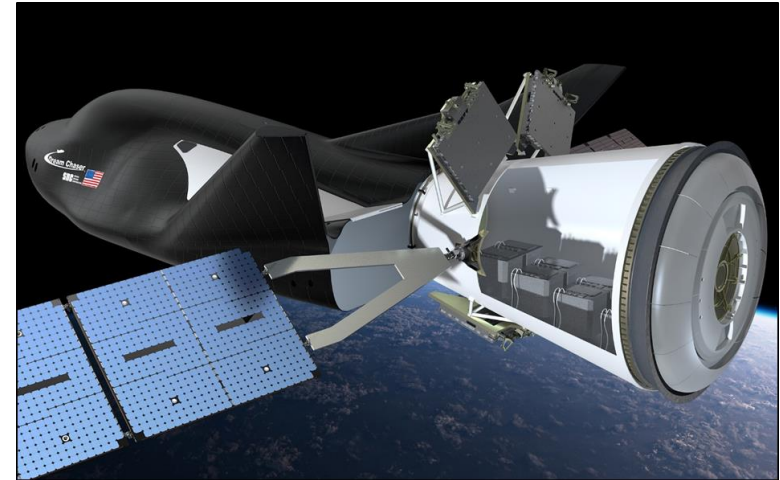
United Nations Dream Chaser Mission

UNOOSA Human Space Technology Initiative (HSTI) is based on three pillars:

- Promote international cooperation
- Conduct outreach activities
- Support capacity building efforts worldwide

The UN/Dream Chaser mission will be the first UN sponsored, multi-country space mission providing member countries the ability to build and fly payloads for:

- Microgravity science
- Remote earth sensing
- Hardware qualification
- Asset deployment



Leaving no one behind ...

- The mission is open to all of the 193 Member States of the United Nations.
- Institutions from emerging and developing countries are particularly encouraged to participate.
- Nobody has to be left behind
- Dream Chaser will carry experiments, payloads, or satellites provided by institutions in the participating countries.

... supporting the SDGs ...



- This will be the first space mission devoted to addressing the 17 Sustainable Development Goals.
- The experiments, payloads, and satellites to be deployed are required to address at least one of the 17 Sustainable Development Goals.

... bridging the space divide

giving opportunities to new entrants to develop space-related capabilities

Space Program Benefits for Participating Countries

- **Research & Development:** of new space-related knowledge-based industries to support space science understanding and development of experiments in diverse economic sectors.
- **Economic:** growth in high technology fields.
- **Education:** formation of academic centers of excellence to study various aspects of space: space sciences, environmental sciences, atmospheric physics, etc.
- **Infrastructure:** creation of the supporting infrastructure for development of experiments, robotics for manipulating experiments and providing ground operations for (their) space missions.
- **STEAM:** inspire participation in the space program, encouraging education and work in science, technology, engineering, arts and mathematics (STEAM).
- **Pride:** of supporting international cooperation and global promotion of peaceful uses of outer space.



Global Partnerships will be Critical

