



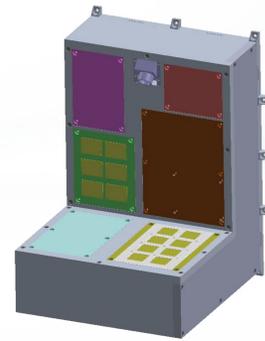
SSTEF-1 DEBUTS IN 2025

WHAT IS SSTEF-1?

Space Science & Technology Evaluation Facility-First Flight (SSTEF-1) is the initial proof-of-concept for a commercial service that will enable Aegis Aerospace's customers to test new technologies on the lunar surface. SSTEF-1 carries technologies from several clients for an evaluation in the unique lunar environment. We are working with Intuitive Machines to integrate the SSTEF-1 testbed onto an upcoming Nova-C lunar lander, that will launch, land on the Moon, perform lunar operations of our hardware and our client's technology, and transmit data from the Moon back to Earth.

TECHNOLOGY AND EXPERIMENTS:

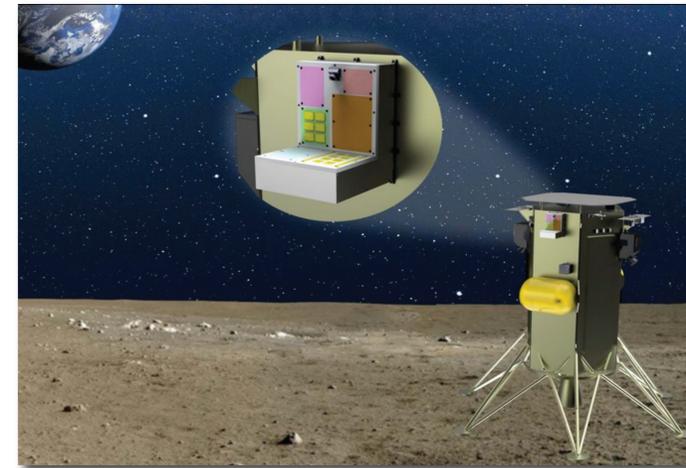
- 3-D printed antennas
- Computer performance evaluation experiments
- Radiation shielding evaluation
- Lunar and Experiment Image data analysis
- Irradiance measurements
- Solar-cell testbed



PICTURED: Conceptual rendering of Aegis Aerospace's SSTEF-1.

WHY IS SSTEF-1 UNIQUE?

This subcontract with Intuitive Machines is unique because most NASA payloads on lunar landers have been directly awarded by NASA. The subcontracting arrangement between Aegis Aerospace and Intuitive Machines is the first of what the US space industry hopes will be the future model for establishing an economy for lunar payloads.



PICTURED: Intuitive Machine's Lunar Lander with Aegis Aerospace's SSTEF-1 affixed to it. A zoomed-in image of SSTEF-1 hovers to the left of the lander.

BACKGROUND ON SSTEF-1

As the United States and the National Aeronautics and Space Administration (NASA) embark on a new phase of space exploration, Aegis Aerospace continues to blaze a trail for commercial, academic, and government entities to understand the Low-Earth Orbit (LEO) and lunar environments.

The SSTEF-1 project, Aegis Aerospace's latest mission, is a fully-funded 10-kilogram payload scheduled to launch in the first quarter of 2025 with seven technology experiment partners.



BEYOND SSTEF-1

Aegis Aerospace will incorporate a TRL-9 SSTEF platform into its Space Testing as a Service (STaaS) line of business. Virtually any customer will be able to purchase SSTEF capacity to demonstrate new technologies on the lunar surface. A regular cadence of commercial SSTEF missions will increase the technology readiness level for customer test articles, and reduce risks associated with incorporating new technologies into the lunar exploration infrastructure.



PICTURED: SSTEF-1 will continue to evolve mission operation adaptability and flexibility by leveraging the Aegis Aerospace Payload Operations Control Center (POCC), which has served for several years operating space platforms and experiments.