



CubeSat Launch Initiative

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NASA-KSC Launch Services Program

Objective, Accomplishments, and Opportunities



Objective

- Provide access to space for CubeSats developed by NASA centers and programs, educational institutions, and non-profit organizations giving CubeSat developers a low-cost pathway to conduct research in the areas of science, technology development, and education

Accomplishments

- 202 CubeSat projects selected to date from 42 states, the District of Columbia, and Puerto Rico
- 125 CubeSats launched on 35 ELaNa Missions
- 17 CubeSats launched on 6 missions in the past 12 months, despite the pandemic

Opportunities

- Facilitating the launch of 57 CSLI selected CubeSats manifested on 13 missions through mid-2022
- Complete manifesting for 14 CSLI selected CubeSats currently on the Nanoracks contract
- Securing launch opportunities for 22 unmanifested/uncontracted CSLI selected CubeSats (includes the CubeSats recently selected in Cycle 12)



CubeSat Launch Initiative

Upcoming Flights



| Mission | Primary | Launch Vehicle | Launch Date | Launch Site | # of CubeSats |
|----------|-----------------|----------------|---------------------|-------------|---------------|
| ELaNa 37 | SpX-23 | Falcon 9 | 8/28/2021 | CCSFS/KSC | 3 |
| ELaNa 29 | STP-27VPB | LauncherOne | NET Q3 CY 2021 | Mojave, CA | 2 |
| ELaNa 34 | Landsat-9 | Atlas V | 9/16/2021 | VSFB | 2 |
| ELaNa 38 | SpX-24 | Falcon 9 | 12/1/2021 | CCSFS/KSC | 9 |
| ELaNa 40 | Transporter-3 | Falcon 9 | NET 12/1/2021 | CCSFS/KSC | 2 |
| ELaNa 41 | VCLS Demo-2A | Rocket 3 | NET late Q4 CY 2021 | TBD | 5 |
| ELaNa 44 | NG-17 | Antares 230+ | 2/1/2022 | Wallops | 1 |
| ELaNa 39 | STP-S28A | LauncherOne | NET Q1 CY 2022 | TBD | 4 |
| ELaNa 45 | SpX-25 | Falcon 9 | NET 5/1/2022 | CCSFS/KSC | 13 |
| ELaNa 47 | Transporter-TBD | Falcon 9 | NET 6/1/2022 | CCSFS/KSC | 1 |
| ELaNa 43 | VCLS Demo-2FB | Alpha | NET late Q2 CY 2022 | VSFB | 11 |
| ELaNa 46 | STP-S28B | LauncherOne | NET late Q2 CY 2022 | TBD | 3 |
| ELaNa 42 | VCLS Demo-2R | Terran 1 | NET late Q2 CY 2022 | CCSFS | 3 |

59 Total:
57 CSLI +
2 non-CSLI

Announcement of Partnership Opportunity



Release Date: August 9, 2021

Proposal Due Date: November 19, 2021 @ 4:30 pm EST

Anticipated Selection Date: March 11, 2022

Objective:

NASA Human Exploration and Operations Mission Directorate anticipates making launch opportunities available for a limited number of CubeSats on launches or ISS deployments in 2023-2026.

NASA will not transfer any funds to collaborators under Agreements negotiated in response to this Announcement

http://go.nasa.gov/CubeSat_initiative

<https://www.nasa.gov/content/announcement-of-opportunity-for-cubesat-launch-initiative>

<https://sam.gov/opp/9ecd165a31854d09823ca3ebfeb916c8/view>





A

Educational Institutions and Nonprofit Organizations

Eligibility under Appendix A is limited to US Educational Institutions and US. Nonprofit Organizations. While faculty and professional mentors are allowed, projects proposed by Educational Institutions must be student run and led and must have an education focus.

B

Internal NASA Projects

Eligibility limited to NASA Centers and/or JPL for the purpose of early career workforce development. A secondary focus in Science or Technology is required.

C

Last Call for CubeSats in development under 2020 CSLI rules

NASA Directed and/or Sponsored Missions not focused on workforce development are eligible. Missions must have been selected and funded for development prior to release of the 2021 CSLI AO. An education focus is not required.

