



NASA TECHFLIGHTS 2022

Awards Up to \$750K and Access to Suborbital and Orbital Flight Tests

Whether you're developing technology for the Moon, Mars, the International Space Station, or a small spacecraft, putting it to the test in a relevant environment is essential to reaching for the stars. Funding through NASA TechFlights can help you get there with grants and collaborative agreements to test your technology on commercial suborbital vehicles or hosted orbital platforms.



How much funding is available?

- Up to \$750K per awardee
- No cost sharing is required for awardee

What does it cover?

- Purchase of flight tests on a commercial suborbital vehicle or hosted orbital platform that best suits your technology demonstration needs
- Design, development, and preparation of your technology payload for flight
- Travel, educational opportunities, and other indirect cost

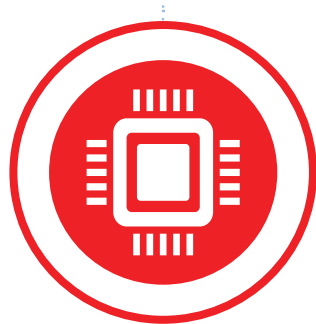
What kinds of vehicles can I test my technology on?

Researchers may select any commercial suborbital flight vehicle that meets NASA's technical requirements and suits the technology demonstration, including:

- Aircraft flying parabolic profiles
- Rocket-based systems
- High-altitude balloons

NEW

- In addition, NASA's Flight Opportunities program is partnering with NASA's Small Spacecraft Technology program to offer flight tests for payloads hosted on orbital platforms as part of TechFlights 2022.



What kinds of technologies does TechFlights fund?

NASA is looking for technologies that align with specific topic areas that address agency and mission goals:

Topic ①: Cislunar/Lunar Surface Infrastructure and Capabilities

Topic ②: In-Space Infrastructure and Capabilities

Topic ③: Earth-Observing Capabilities for Science and Climate Change

Read more about the topics, plus some examples, in the full [TechFlights solicitation](#).

Who is eligible to apply?

U.S.-based* researchers from:

- Industry
- Academia
- Private research institutes

*Non-U.S.-based organizations may be eligible to collaborate with a U.S.-based principal investigator.



How are proposals evaluated?

NASA evaluates all proposals based on technical merit. Relevance to NASA missions and/or commercial spaceflight and soundness of the technology payload development and flight test plans are considered, among other factors.

NEW

The 2022 TechFlights solicitation continues efforts to ensure equitable reviews and reduce unconscious bias through implementation of a dual-anonymous peer review process (DAPR).

How do I get started?

- ① Read the full TechFlights solicitation online: tinyurl.com/NASA-22FO-F1
- ② Register on www.SAM.gov (a prerequisite for registering on NSPIRES)
- ③ Register on NASA NSPIRES to access all materials and create your proposal: <https://nspires.nasaprs.com>



When is my proposal due?

Mandatory preliminary proposals due:

June 2, 2022

Full proposals (by invitation only) due:

August 29, 2022

I have questions! Where do I get help?

- Attend the live Q&A session: **May 9, 2022** ([Visit the solicitation page on NSPIRES](#) for attendance details or to watch the replay.)
- Contact us at: HQ-STMD-FO@nasaprs.com

