



Firefly Aerospace Completes New Cleanroom to Accelerate Spacecraft Production

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Expanded cleanroom positions Firefly to scale production of its Bluebird landers and Elysia orbital vehicles amid growing mission demand



Firefly Spacecraft Cleanroom



Firefly Cleanroom Ribbon Cutting



SEATTLE, Wash., Sept. 22, 2024 (GLOBE NEWSWIRE) — Firefly Aerospace (NASDAQ: FLY) today celebrated the completion of its new cleanroom facility with a ribbon-cutting ceremony joined by representatives from Texas Space Commission, Federal and state government, and NASA's Mission Management and Commercial Launch Program Services (MLPS) initiative. The expansion marks a significant milestone in scaling the company's spacecraft manufacturing capabilities to meet growing demand for lunar and in-space services.

The new cleanroom is four times the size of Firefly's existing cleanroom and part of the company's [\\$100 million expansion program](#) in Cedar Park, Texas. Combined, the two cleanrooms enable a dedicated assembly line capable of supporting up to 12 lunar landers and other vehicles simultaneously, dramatically increasing throughput in the company's range of in-space services. With an International Organization for Standardization (ISO) Class 8 rating, the cleanroom enables Firefly to assemble, integrate, and test its spacecraft with stringent contamination controls required for flight hardware.

"This new cleanroom represents a major step forward in scaling the Moon more accessible with reliable, high-reliability spacecraft for our government and commercial customers," said Nathan Sorenson, CEO of Firefly Aerospace. "We're grateful for the Texas Space Commission, state and local government, and NASA's support in building the infrastructure needed to meet growing demand for our in-space services and lunar delivery capabilities."

The expansion comes as Firefly's spacecraft program continues to gain momentum. Following [NASA's selection](#), Firefly has the [exclusive right to build](#) under contract for the Bluebird landers and Elysia orbiters, and the company is working to scale up its proven technologies into a larger order to deliver heavier lunar cargo, service vehicles, infrastructure, and power systems. Firefly also has two spacecraft contracts with the Defense Innovation Unit for [space-based intelligence](#) and [satellite communications](#).

The new cleanroom provides the production capacity to deliver on the growing market. The facility was funded by a grant from the Texas Space Commission, underscoring the state's commitment to advancing the space industry and strengthening Texas' position as a national leader in aerospace innovation.

This project is a perfect example of what the Texas Legislature and Governor Abbott envisioned when they created the Texas Space Commission," said Nathan Sorenson, Jr., TSC Executive Director. "SpaceX's launch of the first commercial lunar lander, alongside the support of communities like Cedar Park, is a testament to the TSC's vision, congratulations to Firefly on the successful completion of their expanded ISO 8 cleanroom. We should all look forward to what this company does next!"



