

Central Texas
Spaceport Development Corporation

March 25, 2025

Central Texas Spaceport Development Corporation



Provides a local authorizing entity for the planning and development of a successful industry cluster



Organization will synergize local partnerships for aerospace research, manufacturing, and talent development



New spaceport development corporation will be sixth in Texas and first in Central Texas

Potential Benefits for our Region



**ECONOMIC
DEVELOPMENT**



GROWTH & JOB
CREATION



INDUSTRY
DIVERSIFICATION



TALENT
ATTRACTION



WORKFORCE
DEVELOPMENT



ENHANCED
COMPETITIVENESS



FUNDING RESOURCES

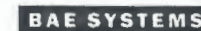


INCREASED
INVESTMENT &
INFRASTRUCTURE
DEVELOPMENT



FEDERAL & STATE
FUNDING
OPPORTUNITIES

Expanding Market for Space Sector



Process to Obtain a Spaceport Development Corporation





FIREFLY
AEROSPACE

Background.

OVERVIEW

Our Mission:

To enable our world to **launch**,
land, and **operate** in space.
Anytime. Anywhere.

We are making space for
everyone.



FIREFLY
AEROSPACE



2017

Firefly Aerospace founded to
unlock access to space

700+

Employees across Texas, D.C.,
Florida, California, & Washington
State

200

Acres operated at our Texas Rocket
Ranch, 30-min north of Cedar Park HQ
and Spacecraft Facilities

\$500M

Investment made into jobs, development,
and infrastructure growing innovation
and manufacturing in the United States

1700+

Rocket engine tests and counting

4

Robust vehicle lines offering small launch,
medium launch, on-orbit, and lunar services

THE FIREFLY DIFFERENCE



Carbon Composite Structures

Lifting heavier payloads at a **lower cost** with high strength, lightweight carbon fiber composites.

- /// Robust flight-proven structures
- /// Used across product lines



State-of-the-Art Manufacturing

Providing **robust schedule assurance** with rapid in-house manufacturing capabilities.

- /// Lower costs, higher quality
- /// Rapid vehicle production

Patented Propulsion Technologies

Improving mission reliability with simple, high-performance **patented** tap-off engine cycle.

- /// Scalable family of engines
- /// Unique rapid DEV/ATP testing



Industry-Unique Collaborations

Rapidly responding to customer needs by collaborating with the best in the business.

- /// Northrop Grumman partnership
- /// Spaceflight Inc. acquisition

FIREFLY
AEROSPACE



EXISTING TEXAS INFRASTRUCTURE AND FACILITIES

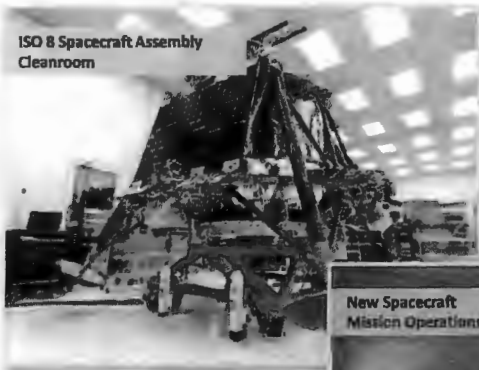
Firefly's prior \$700M in space infrastructure investments

Cedar Park, TX – HQ & Spacecraft Production

- 50,000 sq ft spacecraft facilities
- 2,500 sq ft ISO8 cleanroom
- Mission Operations Center

Briggs, TX – Launch Production & Test Site

- 200 acres with 6 manufacturing buildings and 6 test stands for structural, engine and stage testing



ISO 8 Spacecraft Assembly Cleanroom



New Spacecraft Mission Operations Center



New Multi-Bay Engine Test Stand



New Automated Fiber Placement Machine



First Full-Length Miranda Engine



Carbon Fiber Interstage Structure

FIREFLY
A E R O S P A C E

EXPANDING EDUCATIONAL OPPORTUNITIES

Replicate success of partnership with Texas Rocket Engineering Laboratory (TREL)



- Firefly already supports UT Austin's Texas Rocket Engineering Laboratory (TREL)
- By expanding and upgrading our facilities, we will have room to offer similar opportunities for spacecraft, and include other UT campuses
- Student projects could coordinate support across the facility
- Support from Firefly employee mentors
 - » Classroom guest speakers
 - » Design reviews
 - » Mentoring
 - » Project hardware testing
- Pipeline to industry
 - » Students with real-world spacecraft experience command higher salaries and attract aerospace companies to Texas
 - » Firefly internship opportunities available
 - » Firefly often hires interns and full-time employees from our similar TREL program



FIREFLY
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