Pitch Deck

Graviron Aerospace

Reusable Orbital Drones for Space Debris Removal, In-Space Manufacturing & Future Asteroid Operations

Low-cost. Fully Reusable. Glide Return.

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Year
2026

Website
www.graviron.space

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hello@graviron.space

The Problem

Earth’s orbit is becoming dangerously congested.

Rapid growth of satellite constellations. Thousands of pieces of debris creating collision risks

Current solutions are extremely expensive, single-use, and lack real interaction or recovery capability

This creates long-term operational risk and limits sustainable space activity.

Why Current Solutions Fail

Single-Use Missions

Most orbital cleanup systems are discarded after one operation, making missions extremely expensive.

No Reusability

Existing vehicles lack controlled atmospheric return and recovery capability.

Limited Orbital Interaction

Current systems are not designed for scalable, autonomous capture and reusable operations.

Our Solution

Graviron is building low-cost, fully reusable 3D-printed orbital drones capable of:

01.

Precise autonomous navigation

02.

Controlled capture and interaction with objects in orbit

03.

Safe, controlled glide re-entry and recovery

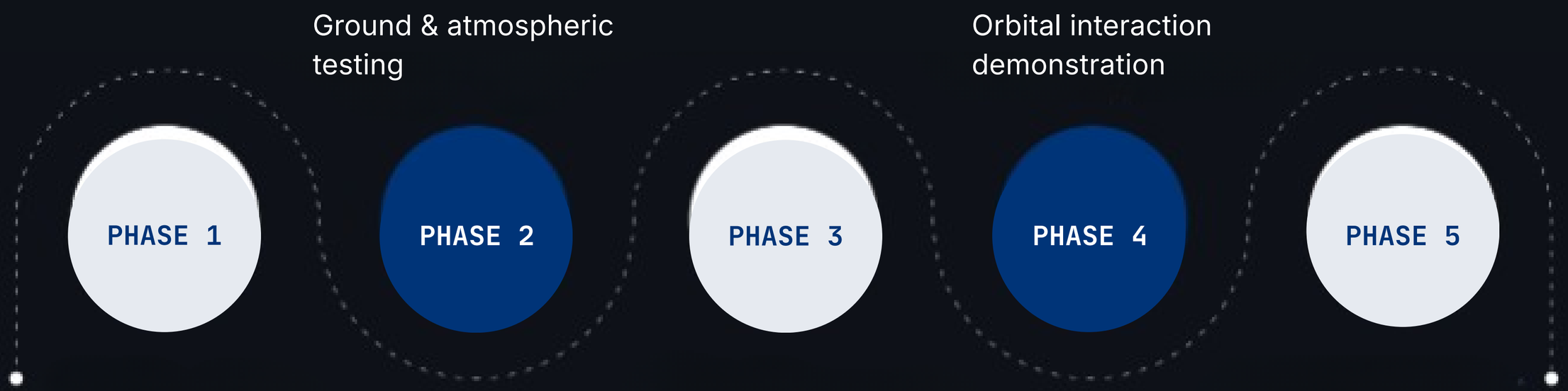
Our Approach

Reusability-first design using 3D printing and glide-based return

Autonomous orbital intelligence layer for target prioritization and risk assessment

Incremental validation approach beginning with ground testing, atmospheric testing, sub-orbital demonstrations, and future orbital systems validation.

Technical Validation Roadmap



What We've Built So Far

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Graviron has spent the past few months building the technical, commercial, and organizational foundation required to develop reusable orbital systems. From early hardware prototypes and autonomous mission software to customer engagement, product definition, and company formation, we have focused on reducing risk and turning vision into execution. The following slides highlight the milestones achieved so far.

Technical & Product Progress

Orbit Keeper Development

- Mission architecture defined
- Orbit Keeper product family established
- Multiple mission variants identified
- 3D-printed capture mechanism prototypes built & tested

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Technical & Product Progress

Orbit Keeper Development

- Early GNC toolkit prototypes built & tested
- Proprietary orbital intelligence platform developed
- AI mission planning software under development
- Core mathematical models and CAD systems advancing

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Commercial & Company Progress

Building the Foundation

Delaware C-Corp established

San Francisco headquarters established

Active discussions with satellite operators

$8M+

Multi-million-dollar LOI pipeline under development

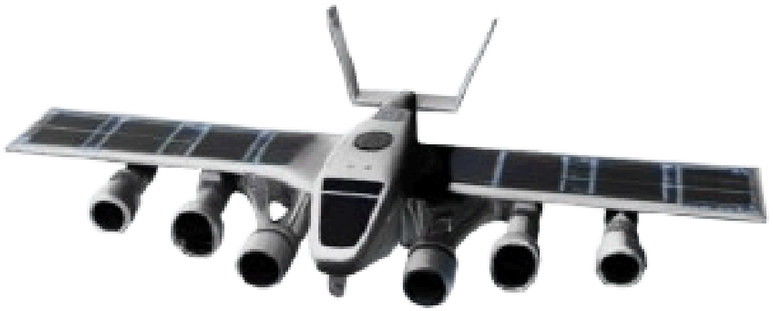
Commercial & Company Progress

Building the Foundation

Active discussions with commercial and national security space customers evaluating orbital servicing and debris-removal capabilities

Discussing responsive-space mission requirements and TacRS-relevant capabilities with members of the U.S. Space Force ecosystem

Long-Term Vision



Graviron is building the foundational reusable orbital vehicles for the era of space infrastructure & In-Space Manufacturing.

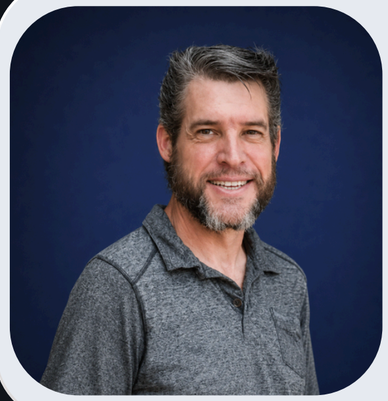
We begin with space debris removal and satellite servicing using low-cost, fully reusable drones. Over time, the same core technology will evolve to enable asteroid capture, stabilization, and in-space resource utilization.

Our ultimate goal is to create scalable, sustainable orbital infrastructure that unlocks zero-gravity manufacturing, deep-space exploration, and a true space economy, reducing humanity’s dependence on Earth-launched resources.

Meet the Founding Team

Atul Raj

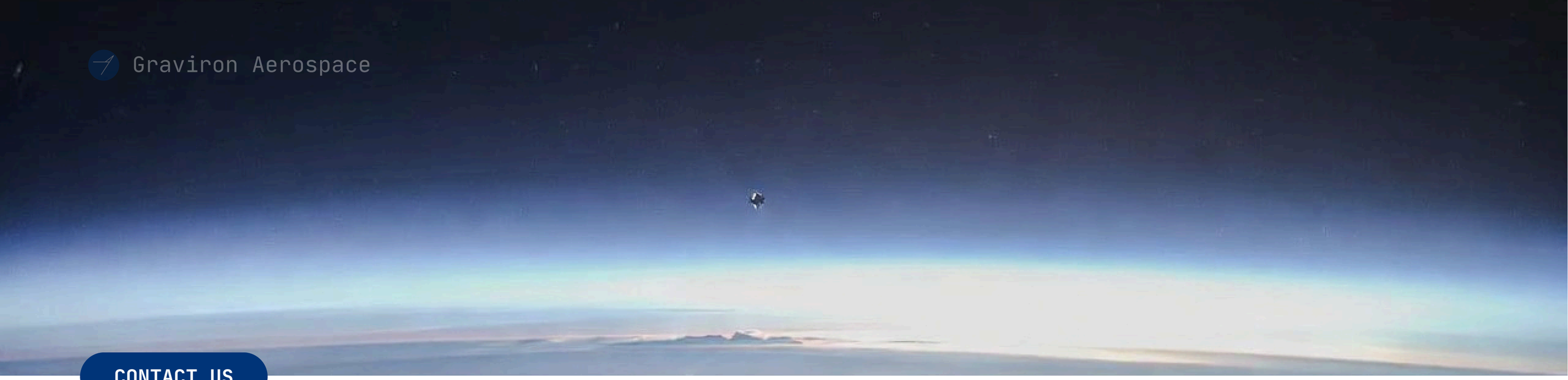
Founder & C.E.O



Eric Ledbetter

Ex-SpaceX & Blue Origin

Senior Advisor, Mission Architecture



CONTACT US

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