



## Solving the Hardest Technical Challenges in Space

The Aerospace Corporation brings proven systems engineering and integration capabilities and space insights directly to the private sector, helping reduce risk and uncertainty across program and innovation lifecycles. Our services foster confidence in commercial capabilities among commercial buyers, investors, venture capital firms, and the U.S. government.

Through standard contracting agreements, collaborative frameworks, and government-led engagements, industry can leverage Aerospace capabilities for testing, evaluation, modeling and simulation, strategic analyses, technical consulting, and technology development.

Services include but are not limited to:

### Launch and Space Readiness Support

- Launch safety probabilistic analysis
- Anomaly identification and resolution for errant launch and satellites
- On-orbit space platform characterization

### Systems of Systems Engineering

- Advancing architectures for cislunar ecosystems
- Independent space software and hardware development verification and evaluation
- Assuring effective and safe operations of trusted autonomous systems

### Systems of Systems Development & Acquisition Services

- Assess technical risk and operational viability for venture capital confidence
- Independent requirements assessments
- Trade studies and market readiness assessment of core technologies

### Technology Applications

- Prototyping and unique tools for systems integration, architecting, and maturation
- Validating advanced technology for operational applications
- Electric propulsion and Microelectromechanical Systems Digital Thruster (MDT) testing
- Emergency evaluations of systems and hardware failure

## The Aerospace Corporation

The Aerospace Corporation is the nation's trusted partner solving the hardest problems in space. We leverage unparalleled technical depth to meet critical mission needs and design foundational architectures that secure U.S. leadership in space and keep the nation safe. Our national workforce of more than 4,800 employees provides objective technical expertise and data driven insights that drive mission success across space systems and space vehicles. For more information, visit [www.aerospace.org](http://www.aerospace.org).



*Learn more about our work  
for our customers*

## Request Support

- 1) Contact [Commercial@aero.org](mailto:Commercial@aero.org)
- 2) Review offerings and refine scope of work with our team
- 3) Select a partnering mechanism:
  - Master Services Agreement (MSA)
  - Time & Materials (T&M)
  - Fixed Price (FP) Contracts or Purchase Order (PO)
  - Memorandum of Understanding (MOU)
- 4) Get to work solving your hard problems

## Trust and Objectivity without Conflict of Interest

- › Aerospace does not manufacture and does not compete with industry for government contracts
- › We maintain full objectivity as the space industry's trusted partner
- › We rigorously protect the proprietary information and IP of each of our customers and partners



Building confidence in commercial systems, Aerospace performs independent technical reviews and activities to mature unproven capabilities via physical and digital testbeds and proving grounds.