AEROSPACE

INVESTOR SUPPORT AND TECHNICAL DUE DILIGENCE

As the commercial space industry grows, investors increasingly need specialized insights to make informed decisions. Evaluating sophisticated technologies — from testing to feasibility to regulatory requirements — can be daunting without appropriate guidance. It's essential to have a trusted advisor familiar with the commercial space landscape. The Aerospace Corporation (Aerospace) is uniquely positioned to provide independent and objective due diligence support to the venture capital, private equity, and banking sectors. Our due diligence and deep-dive assessments include:

Technical Risk Analysis: Testing hardware and software with unique tools and proven expertise

Feasibility Studies: Assessing risks in research and development roadmaps

Market Assessments: Evaluating competitive and regulatory environments in both government and commercial sectors

The Aerospace Economic and Marketing Analysis Center

Founded in 1960 at the dawn of the space race, Aerospace has a successful legacy of combining technical space-related expertise with our extensive knowledge of emerging technologies. Aerospace's Economic and Market Analysis Center (EMAC) uses data-driven decisionmaking to identify, assess, and exploit opportunities in commercial space. EMAC evaluates markets for emerging and maturing space capabilities, including launch, satellites, human exploration systems, and in-space servicing, assembly, and manufacturing (ISAM).

Our Unique Role as the FFRDC for Space

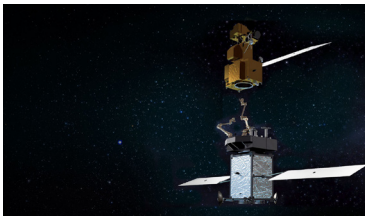
Federally funded research and development centers (FFRDC) provide technical expertise for efforts critical to national leadership. Aerospace's technical and engineering support to the entire U.S. space enterprise makes it unique among FFRDCs. As a trusted partner, Aerospace provides objective, unbiased analysis and recommendations without conflicts of interest. Aerospace does not compete with industry or manufacture products, operating as strategic partners with sponsoring agencies to ensure the highest levels of objectivity, disciplinary continuity, and technical excellence.

Direct Commercial Programs Office
commercialprograms@aero.org

Scan QR code to learn more

Commercial Space Activities at Aerospace

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



Aerospace guides collaboration to advance in-space servicing, assembly, and manufacturing (ISAM) technologies to extend satellite lifecycles, enable refueling and debris removal, and sustain space operations. Image courtesy of NASA.

Aerospace Core Competencies and Technical Services

We are chartered to help our customers solve some of the world's most complex systems engineering and integration challenges in high-consequence environments. Our core competencies deliver technical due diligence and accelerate technical roadmaps.

Technology Assessments, Applications, and Transitions

- Evaluate technology opportunities and alternatives
- Optimize for the application of new technologies
- Transition newly developed technology to industry
- Advise industry to achieve maximum benefit

Architecture Development

- Work across the mission lifecycle from concept to design, integration, and management of system elements
- Define and design interfaces between individual system elements ensuring continuity across missions

System of Systems Engineering and Integration

- Develop mission solutions where interacting subsystems, systems, and system interfaces interoperate to achieve desired mission capabilities

System Design, Development, Acquisition, Test, Mission Readiness, and Operations

- Apply system development and acquisition processes throughout the mission lifecycle and across all mission segments, resulting in operational capabilities

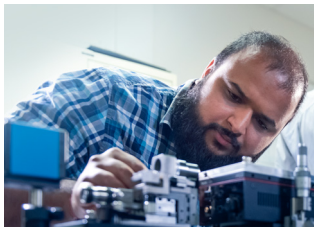
Concept Development and Prototyping

- Design new and innovative ways to exploit existing capabilities
- Design, assemble, and test state-of-the art prototypes to demonstrate the feasibility of new technologies, capabilities, and techniques

Decision Support, Integration, and Dissemination of Industry Best Practices

- Provide deep insights on systems and technical challenges
- Identify process improvements and critical technical and engineering processes
- Share relevant information and lessons learned across the industry

Aerospace Core Competencies



Technology Assessments, Applications, and Transitions

Concept Development and Prototyping

System of Systems Engineering and Integration

The Aerospace Corporation

The Aerospace Corporation is a leading architect for the nation's space programs, advancing capabilities that outpace threats to the country's national security while nurturing innovative technologies to further a new era of space commercialization and exploration. Aerospace's national workforce of more than 4,600 employees provides objective technical expertise and thought leadership to solve the hardest problems in space and assure mission success for space systems and space vehicles. For more information, visit www.aerospace.org.

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