



Maximizing Commercial Space Capabilities for the Nation

Space is changing more rapidly than ever. Technological advancement, lower-cost access to orbit, and massive private investments are driving a wave of space innovation—introducing novel, next-generation capabilities to meet current and emerging operational needs.

U.S. government organizations buy, adapt, and adopt commercial products and services, when appropriate, to meet national mission requirements. In alignment with national policy, government organizations are increasingly leveraging commercial capabilities to meet national space mission needs.

The demand signal is clear: The U.S. government is eager to rapidly harness the pace of commercial space innovation to improve the nation's security and prosperity. It can be a challenge, however, for industry to make the connection between commercial capabilities and government needs.

Accelerating U.S. Space Demands at the Speed of Need

To foster greater collaboration between the U.S. government and commercial space, Aerospace launched the Commercial Space Futures initiative. Through Commercial Space Futures, we bring our deep technical expertise and independent insight to facilitate U.S. government access to U.S. commercial space capabilities and incorporate these technologies into U.S. space programs.

Commercial Space Futures accelerates the development and advancement of U.S. space capabilities by:

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| 1. Identifying, connecting, and aligning commercial solutions with national needs. | 2. Understanding and mitigating risk to government programs and informing capability readiness through due diligence assessments. | 3. Accelerating execution and integration of commercial solutions by influencing space regulations and standards. | 4. Building confidence in new technologies and facilitating their insertion through verification and validation, access to facilities, capability maturation, and testbeds. |
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Working with Aerospace Commercial Space Futures

Commercial Space Futures is an extension of existing Aerospace support to the nation, developing, delivering, and evolving robust, “whole-of-government” approaches to solve challenges and outpace threats in the rapidly evolving space environment.

As the operator of the only systems engineering and integration federally funded research and development center (FFRDC) focused on space and related complex systems enterprises, Aerospace brings a 60-year legacy of experience and insight. We engage with government and commercial organizations to advance U.S. space capabilities in the national interest and shape the future of the space enterprise.

The Aerospace FFRDC fills a unique role in service to the government and the nation, operating as a strategic partner with sponsoring government agencies to ensure the highest levels of objectivity and technical excellence. FFRDCs support government science, engineering, and technology development through collaboration with commercial industry and academia. We do not compete with industry and do not manufacture products, thereby eliminating conflicts of interest and enabling us to work with industry.

Taking the Next Step

Our vision: to serve as the nation’s trusted partner, solving the hardest problems for the preeminent space enterprise. Collaboration is critical to our pursuit of that vision. Engage with Aerospace to advance U.S. space capabilities in the national interest.

For more information, please email CSF@aero.org or visit aerospace.org/commercial-space-futures.

The Aerospace Corporation is a national nonprofit corporation that operates a federally funded research and development center and has more than 4,100 employees. With major locations in El Segundo, California; Albuquerque, New Mexico; Colorado Springs, Colorado; and the Washington, D.C. region, Aerospace addresses complex problems across the space enterprise and other areas of national and international significance through agility, innovation, and objective technical leadership. For more information, visit www.aerospace.org.

Commercial Space Futures Offerings



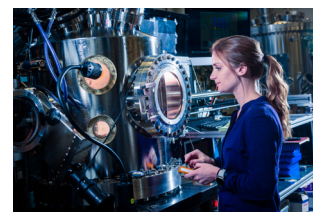
Identify, Align, and Connect
Commercial Solutions
to National Needs



Inform Capability Readiness
through Due Diligence
Assessments



Accelerate Execution
by Informing Space
Regulations and Standards



Build Confidence
through Capability Maturation,
Testbeds, and Proving Grounds