

CORPORATE OVERVIEW

Advanced Technology, Objective Analysis, Innovative Solutions

The space enterprise is changing faster than ever. More frequent launches, the rise of proliferated satellite constellations, and the development of game-changing technologies means the rules that once defined the space domain are being rewritten. At the same time, adversaries are rapidly developing new capabilities to challenge the current paradigm, heightening the need for strategies and tools to outpace emerging threats. Since the earliest days of the Space Age, The Aerospace Corporation has provided thoughtful leadership for government, civil, and commercial customers supporting research and design, development, acquisition, operations, and program management. Aerospace is the only federally funded research and development center dedicated to the space enterprise, serving as an independent and objective resource for our partners. By leveraging this unique perspective, along with our innovative technologies and unmatched expertise, Aerospace is ensuring mission success and helping to create the foundation for a new era in space.

Partnered with Customers Across the Space Enterprise

Aerospace works across the entire space domain. In addition to supporting the Department of Defense and the Intelligence Community, Aerospace works with NASA, NOAA, a variety of federal agencies and the commercial world—all of whom benefit from our deep knowledge of space technology and commitment—to serve the public interest. We only pursue business related to the space mission and complementary fields. We put the best minds on the toughest problems and develop new, reliable, innovative space capabilities. Some recent achievements are:

- Delivered critical space assets for national security space, resulting in the greatest number of consecutive launch successes in the history of national security flight, currently totaling over \$50B in successful deliveries
- Reconceived traditional mission assurance techniques for the new generation of launch vehicles, providing lower cost and greater flexibility while maintaining an acceptable launch risk
- Prototyped more than 200 emerging technologies, such as operational space payloads and next-generation systems for GPS
- Used revolutionary techniques to rescue satellites from anomalies threatening their mission, which have saved providers over \$1B in equipment and potential lost satellite services
- Created a 3D-printed hybrid rocket motor using propellants that are 50 percent more efficient and less expensive than traditional fuels
- Designed and developed an artificial intelligence system that was embedded on a satellite to defeat cyber attacks
- Developed techniques to detect and counter cyber spoofing and jamming on GPS satellites
- Formed a space coalition bringing together top universities, industry leaders, and start-ups to collaborate on game-changing innovations
- Delivered mission support to an unprecedented 100 hours of NASA spacewalks; every tool used on spacewalks has Aerospace engineering behind it

The Role of Federally Funded Research and Development Centers

FFRDCs were created to provide technical expertise for science and technology efforts deemed critical to national leadership in service to the government and the nation. As trusted advisors to government, FFRDCs provide objective, unbiased analysis and recommendations with no conflicts of interest. FFRDCs do not compete with industry and do not manufacture products; they provide a unique perspective and share solutions across multiple domains. FFRDCs operate as strategic partners with sponsoring government agencies to ensure the highest levels of objectivity and technical excellence.

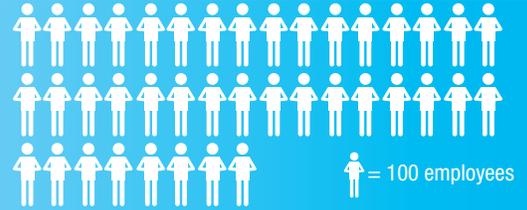
Our Strategic Imperatives

The Aerospace Corporation aligns its strategic efforts around four imperatives—Shaping the Future, Innovation, Growth in Our Value, and Velocity—that guide everything we do.

SHAPING THE FUTURE

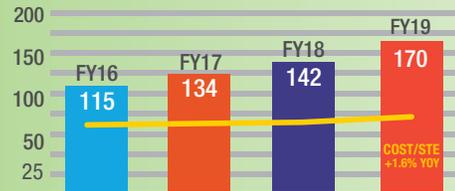
Partnering for Success

We cut our hiring time in half, while continuing to attract top performers in key technical fields such as hypersonics, cyber security, information assurance, and artificial intelligence.



INNOVATION

Meeting New Challenges



INTERNAL TECHNICAL INVESTMENT TRENDS

We have increased our internal R&D spending by 50% to enhance innovation while keeping our average cost per STE increase to only 1.6% each year since 2016.

GROWTH IN OUR VALUE

Increasing Value to the Enterprise

Aerospace serves the entire space community. Our revenue is approximately 53 percent military, 36 percent intelligence community. Additionally, 11 percent of our revenue is comprised of civil space, federal civil, commercial and allied international customers.

53%
Military

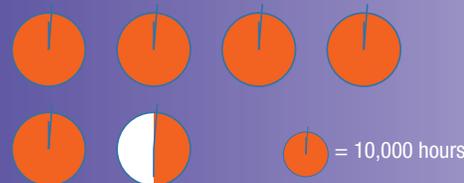


36%
Intelligence

11%
Civil System
Group

VELOCITY

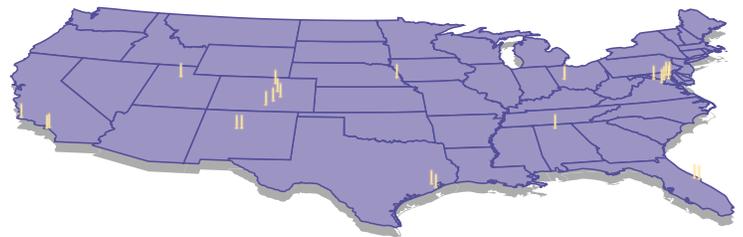
Responsive and Effective Execution



To streamline operations, we digitized internal processes, saving over 55,000 labor hours in one year.

Aerospace Locations

We are a geographically dispersed company designed to be co-located with our regional customers and maintain world-class laboratory facilities at our corporate headquarters and Chantilly, VA locations. Our structure maintains maximum customer responsiveness while providing flexible work environments for our employees.



El Segundo, CA (Corp. HQ)

Albuquerque, NM
Buckley AFB, CO
Cape Canaveral AFS, FL
Chantilly, VA
Colorado Springs, CO

Crystal City, VA
Denver, CO
Goddard Space Flight Center, MD
Greenbelt, MD
Hill AFB, UT

Houston, TX
Huntsville, AL
Johnson Space Center, TX
Kennedy Space Center, FL
Kirtland AFB, NM

Offutt AFB, NE
Pasadena, CA
Peterson AFB, CO
Schriever AFB, CO
Silver Spring, MD

Suitland, MD
Sunnyvale, CA
Vandenberg AFB, CA
Wright-Patterson AFB, OH
Washington, DC

About The Aerospace Corporation

The Aerospace Corporation is a national nonprofit corporation that operates a federally funded research and development center and has approximately 4,000 employees. With major locations in El Segundo, Calif., Albuquerque, N.M., Colorado Springs, Colo., and the Washington, D.C., region, Aerospace addresses complex problems across the space enterprise and other areas of national significance through agility, innovation, and objective technical leadership.