



# SPACE WARFIGHTING CENTER

The Aerospace Corporation, a co-inventor of the Global Positioning System (GPS), 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.

As the space domain becomes increasingly contested, Aerospace continues to build on our legacy of warfighter support by constructing a state-of-the-art facility in Colorado Springs, which opened in 2022. This one-of-a-kind facility, known as the Space Warfighting Center (SWC), expands upon Aerospace's capabilities to meet the complex technical and strategic needs of our customers and partners in the region.

## Space Warfighting Center

The new facility was designed with a laser-focus on helping our customers leverage modern digital tools and collaboration spaces to shape the future of the national security space enterprise while also allowing for flexibility to adapt to evolving mission requirements.

The SWC includes a multipurpose center to securely hold exercises and meetings with industry and government partners at the highest classification levels and with secure virtual connectivity to facilitate development of advanced space warfighting concepts and other collaborative efforts with Aerospace locations in El Segundo, California; Chantilly and Crystal City, Virginia; Albuquerque, New Mexico, and Huntsville, Alabama. It also provides dedicated computing system laboratories for modeling and simulation, cybersecurity and space warfighting to further Aerospace's innovative work. The facility also hosts some of the most cutting-edge and impactful national security space wargaming, modeling and simulation, and warfighting readiness efforts.

The facility and the additional staffing it supports enhance Aerospace's capabilities in several key areas, including:

- Employing high-fidelity analysis and physics-based modeling and simulation in a digital engineering environment
- Providing technical expertise and analytical capabilities to support Force Design for the entire space enterprise
- Developing physics- and risk-informed tactics, techniques and procedures to support space warfighting and space warfighters
- Fusing operational constructs and experience with physics-based tools and analyses to help develop and evaluate space warfighting concepts

## About 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 ensure mission success for space systems and space vehicles. For more information, visit [www.aerospace.org](http://www.aerospace.org). Follow us on LinkedIn and on X: @AerospaceCorp.

## SWC Facts

- Designed to enable deep technical analysis capabilities that strengthen U.S. leadership in the space domain
- 90,000 square foot facility with classified and unclassified space
- Large auditorium and other collaborative spaces with secure video teleconferencing capability for 200+ attendees
- Broke ground in summer 2020
- Approximately 430 Aerospace employees
- Opened winter 2022
- Address: 7246 Getting Heights Colorado Springs, CO 80916



Aerospace conducts modeling and simulation exercises to advance space warfighting tactics and techniques against an evolving threat.