



COLORADO SPRINGS

The Aerospace Corporation (Aerospace) is a leading architect for the nation's space programs, providing trusted technical expertise to solve the hardest problems in space and support our government partners in their efforts to outpace the adversary threat.

Aerospace's presence in Colorado Springs dates back to the 1970s, when staff traveled to Falcon (now Schriever) and Peterson Air Force bases to support various space programs. That presence was expanded with the opening of a dedicated facility in 2007, housing Aerospace's program office and technical staff.

Aerospace is building on that commitment through the construction of a state-of-the-art facility in Colorado Springs, set to open in late 2022, that will complement our existing building and expand our capabilities to meet the technical and strategic needs of our growing customer base in the region.

Space Warfighting Center

The new building, referred to as the Space Warfighting Center (SWC), is designed to enable Aerospace to meet the needs of today's customers in shaping the future of the national security space enterprise, while also allowing the flexibility to adapt to evolving mission requirements.

The facility includes a multipurpose center to support simulation exercises and meetings with industry and government partners. It will also provide critical laboratory space to further Aerospace's innovative work and a high level of connectivity to facilitate virtual design activities and other collaborative efforts with Aerospace locations in El Segundo, California; Chantilly, Virginia; and Albuquerque, New Mexico.

The facility and the additional staffing it will support will 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 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

Aerospace is also advancing the Space Warfighter Initiative (SWI), which will aid government partners in developing and evaluating space warfighting concepts using physics-based tools as well as modeling and simulations, while enabling critical humans-in-the-loop assessments.

SWC Facts

- Address: 7246 Getting Heights Colorado Springs, CO 80916
- 90,000 square feet
- \$100 million construction cost approved
- Broke ground in summer 2020
- Occupancy expected in winter 2022



Aerospace utilizing Space Warfighter Initiative (SWI) capabilities to execute simulation exercises.



Aerospace in Colorado Springs

The Colorado Springs area sits at the nexus of our country’s national security space enterprise and is home to:

- Peterson-Schriever Garrison, which hosts the provisional headquarters of U.S. Space Command
- Two of three United States Space Force (USSF) field commands—Space Operations Command (SpOC) and Space Training and Readiness Command (STARCOM) headquarters
- The USSF Space Warfighting Analysis Center (SWAC), eight USSF space deltas, and the NORAD/NORTHCOM headquarters
- The Army’s Space Brigade plus six regional active duty military installations

Aerospace’s decision to grow its presence in the region underscores its commitment to strengthening capabilities on behalf of customers around the country, including the nation’s newest military service and the newest combatant command.

The construction of Aerospace’s new SWC is now complete, and it is located adjacent to Aerospace’s existing facility at the Colorado Springs Airport Business Park.

Aerospace currently employs approximately 250 people at its Colorado Springs facility and nearby customer sites. The new SWC is designed to accommodate up to 250 additional technical employees who will support U.S. Space Command, U.S. Space Force, and other customers around the country.

Enriching the Community

Aerospace employees are committed to sharing their time and making a difference in the local community. This year, our local employees have volunteered nearly 500 hours to date and supported a variety of community projects that span from educational outreach to veterans’ activities.

Aerospace employees also enjoy giving back by inspiring the next generation of students to focus their academic pursuits in the fields of science, technology, engineering, and mathematics.

About The Aerospace Corporation

The Aerospace Corporation is a national nonprofit corporation that operates a federally funded research and development center and has more than 4,800 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.



Showing agreement at Space Symposium on constructing a second Colorado Springs facility are, from left, Aerospace Senior Vice President Dr. Wayne Goodman, President/CEO Steve Isakowitz, Dr. Christopher Ranieri, and Director of Studies and Analyses Office Richard Yau.



Senior Project Engineer Jon Davis works with Scouts during a Radio Merit Badge Day. The Aerospace Employees Radio Organization hosted the Scouts in COS-1.