



A Productive Alliance

Colorado and NASA

Colorado plays an integral role in NASA's mission. Over the years, successful partnerships between NASA and Colorado's industry and academia have benefited the Centennial State, the U.S. Space Program, and America's continuing quest to explore our universe and better our lives here on Earth.

According to the Colorado Space Coalition, Colorado ranks third in the nation in private aerospace employment and is home to more than 300 aerospace companies. Colorado ranks second in the nation for private aerospace employment concentration.

Colorado's Role in Project Constellation

NASA continues to foster its strong relationship with Colorado's academic, business, and industry sectors as we continue to bring Project Constellation to reality. Building on the successes of the Apollo and Space Shuttle missions, the Orion Crew Exploration Vehicle and the Ares I & V rockets will be the next generation space vehicles that will return humans to the moon and later take them to Mars and other destinations.

Colorado is playing a vital role in creating America's next-generation spacecraft. **Rational Software Corp.** in Boulder is working on the Ares I rocket's Upper Stage J-2X Engine.

NASA and Colorado



Educating, Innovating, and Exploring

Nurturing education—and educators— aids NASA missions and provides incalculable value to Colorado's youth. Through these efforts, NASA powers inspiration that encourages future generations to explore, learn, and build a better future. The Agency's emphasis on education is seen through its generous commitments to educational institutions in the state.

Space Grant Consortium

NASA's academic grants and contracts fund a variety of programs in Colorado including research, education, and outreach. The **University of Colorado at Boulder** is part of the Space Grant Consortium, a coalition between NASA, Colorado colleges and universities, and other institutions representing aerospace education and research activities.

NASA Explorer Schools in Colorado

NASA supports preparatory education through the NASA Explorer Schools (NES) program. The NES program establishes a three-year partnership between NASA and local schools to bring NASA's engaging mathematics, science, and technology learning to educators, students, and families. Currently, **Fox Meadow Middle School** in Colorado Springs is participating in the program.

Commercialized NASA Technology

NASA's Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs allow small businesses to develop technologies specific to NASA mission-driven needs. The following companies receive funding through SBIR and STTR: **Atmospheric Observing Systems, Inc.**, **Eltron Research & Development, Inc.**, **SPEC Incorporated**, **Tech-X Corporation**, and **Zybek Advanced Products, Inc.** in Boulder, **Microelectronics Research Development Corporation** in Colorado Springs, **Vescent Photonics, Inc.** in Denver, **DMX Engineering** in Durango,

KromaTiD, Inc. in Fort Collins, **Reaction Systems, LLC** in Golden, **Design_Net Engineering LLC** and **Pioneer Astronautics** in Lakewood, **TerraMetrics, Inc.** and **ADA Technologies, Inc.** in Littleton, **Synkera Technologies, Inc.** in Longmont, **SpaceDev, Inc.** in Louisville, **sysRAND Corporation** in Parker, and **Quest Product Development Corporation** and **TDA Research, Inc.** in Wheat Ridge.

Astronauts with ties to Colorado

Current: Lt. Col. Eric Boe; Col. John Casper; Col. Alvin Drew, Jr.; Lt. Col. James Dutton, Jr.; Ms. Marsha Ivins; Col. Gregory H. Johnson; Col. James Kelly; Col. Steven Lindsey; Ms. Dorothy Metcalf-Lindenburger; Dr. Steven Swanson; Col. Terry Virts, Jr.

Former: Dr. Loren Acton; Capt. Jeffrey Ashby; Col. John Blaha; Col. Michael Bloomfield; Col. Karol Bobko; Mr. Vance Brand; Maj. Gen. Roy Bridges, Jr.; Col. Curtis Brown, Jr.; Mr. Scott Carpenter; Col. Gerald Carr; Dr. Kalpana Chawla†; Gen. Kevin Chilton; Dr. Mary Cleave; Col. Richard Covey; Col. Brian Duffy; Dr. Samuel Durrance; Dr. Martin Fettman; Mr. Dale Gardner; Mr. Guy Gardner; Col. Ronald Grabe; Col. Frederick Gregory; Lt. Col. William Gregory; Col. Sidney Gutierrez; Col. James Halsell, Jr.; Col. Blaine Hammond, Jr.; Brig. Gen. Susan Helms; Col. Terence "Tom" Henricks; Cmdr. John Herrington; Mr. Richard Hieb; Dr. Thomas Jones; Col. Kevin Kregel; Col. Mark Lee; Mr. John "Mike" Lounge; Col. Donald McMonagle; Col. Ellison Onizuka†; Maj. William Pailles; Dr. Scott Parazynski; Maj. Gary Payton; Col. Charles Precourt; Capt. Kent Rominger; Col. Stuart Roosa; Col. Richard Searfoss; Dr. Ronald Sega; Col. Loren Shriver; Mr. John Swigert*; Dr. James "Ox" van Hoften; Mr. Charles Veach; Col. James Voss

* Deceased

† Died in the line of duty



Fiscal Year 2008 Obligations

Total Obligations for Colorado

Business	\$780,851,401
Large Business	\$764,046,191
Small Business	\$16,805,210
Small Disadvantaged Business	\$2,690,302
Woman Owned Business	\$1,968,079
Small Business Innovative Research	\$5,097,746
Education	\$85,893,738
Government	\$235,483
Non-Profit Institutions	\$1,451,395

Colorado-Based NASA Business Contracts Exceeding \$1.5M

Contractor	Location	Contracts	Obligations
Applied Research Associates	Centennial	2	\$1,802,732
Ball Aerospace	Boulder	22	\$142,307,926
Countertrade Products	Arvada and Boulder	91	\$1,768,772
Information Handling Services	Englewood	2	\$2,245,116
Intentional Leadership	Boulder	2	\$2,908,000
Lockheed Martin	Arvada, Aurora, Broomfield, Colorado Springs, Commerce, Denver, Littleton, Lone Tree, and Louisville	16	\$613,812,296

Colorado-Based NASA Education Funding Exceeding \$11M

School	Location	Obligations
Colorado State University	Fort Collins	\$11,099,089
Regents of the University of Colorado	Boulder and Denver	\$16,722,553
University Corporation for Atmospheric Research	Boulder	\$15,630,523
University of Colorado	Aurora, Boulder, and Denver	\$40,807,451

For more procurement data, visit <http://prod.nais.nasa.gov/cgi-bin/npms/map.cgi>.



National Aeronautics and Space Administration

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