CSF Members,

2015 was a year of tremendous achievement and growth for both the commercial spaceflight industry and the Commercial Spaceflight Federation. As we move into what promises to be an even more accomplished 2016, I’d like to reflect on the events and highlights of the last year.

This year, we saw our industry take off with greater momentum than ever before. SpaceX returned to flight in December, and Virgin Galactic is making great headway on its new SpaceShip 2 (which they unveiled on February 19th of 2016). Blue Origin pulled off a tremendously successful launch and landing of its New Shepard rocket in November, and Bigelow Aerospace will be launching its revolutionary BEAM module to the ISS in 2016 (BEAM was launched on April 8th 2016). Planetary Resources deployed their first spacecraft, AGI won its first space command contract with the U.S. government, and Spaceport America unveiled the “Spaceport America Experience.” Meanwhile, Moon Express, Worldview Enterprises, XCOR Aerospace, and Sierra Nevada have all announced plans to begin flight operations in the next year or two. Of course, this is only a snippet of the fantastic progress being worked on by all of CSF’s member companies.

Policy-side, CSF worked hard with Congress to achieve a major win with the Commercial Space Launch Competitiveness Act (CSLCA), which was signed into law in late November. By extending the indemnification regime and learning period, addressing issues of spaceflight participant liability, and laying the legal framework for extraterrestrial resource extraction, this business-friendly piece of legislation will surely be remembered as setting the stage for ever more opportunities and growth in commercial space.

Of course, the CSLCA hasn’t been CSF’s only focus this year. With the support and guidance of our Board of Directors, the staff and I have been working on a CSF response to the NTSB’s accident investigation report. The staff has also begun revisiting and revising the process by which we create voluntary industry consensus standards, started expanding and revitalizing our Research and Education Affiliates Program, continued to promote the Suborbital Applications Research Group and Commercial Crew/Cargo Programs to our public and private stakeholders, and have fought hard for an increase to the FAA AST’s FY2016 budget. And, as always, we’ve been actively promoting our member companies and celebrating their achievements with a broad audience.

This spring saw the departure of our Assistant Director, Sirisha Bandla, who’s taken up a job at Virgin Galactic. While we’ll miss Sirisha dearly, we’ve brought aboard the excellent Jane Kinney as the new Assistant Director, and she’s quickly taken full command of the position. Meanwhile, CSF continues to grow in membership, with over 6 new member companies being brought aboard during our 2015 Members Meetings.

2015 turned out to be a great year, but I have even higher hopes for 2016 and look forward to making it a productive year with you all.

Sincerely, Eric W. Stallmer
Commercial Spaceflight Federation
2015 Activities

Federal Legislative Agenda

• CSF President Eric Stallmer testified before the Senate Subcommittee on Science, Space, and Competitiveness hearing titled “U.S. Human Exploration Goals and Commercial Space Competitiveness” on February 24th. In his testimony, he encouraged Congress to codify a number of productive policies that will promote growth and innovation in the industry, so as to help maintain the United States’ space sector’s competitive leadership.

• CSF worked with Congress on the need for an increased FAA-AST FY2016 budget. The increase in budget would allow AST to grow along with the industry and meet the demand of rising applications for licenses, permits, and safety approvals. Without the budget increase, AST would not be able to keep up with demand and the industry could be stifled.

• CSF promoted the Suborbital Applications Research Group (SARG) and Commercial Cargo/Crew partnerships with NASA to Congressional stakeholders. Staff convened with both congressional staff members and NASA officials to discuss the potential for suborbital science, research, and technology development on new suborbital platforms. CSF also endorsed the value of the Commercial Crew Program, which will lessen the time the United States will have to rely on Russia for trips to the International Space Station and provide a cheaper and more reliable alternative to the Russian Soyuz.

• CSF tracked the beginning cycle of the 2016 Presidential Campaign and prepared a “What You Should Know About Space” document, detailing the benefits of active private and public space sectors, to be circulated to presidential candidates.

• CSF led the effort to pass the Commercial Space Launch Competitiveness Act. The CSLCA, which was signed into law in late November, is the most significant update in decades to the legal and regulatory regime governing commercial space activity. The legislation, which, among other things, extends the indemnification regime, extends the industry learning period, and provides a legal basis for extraterrestrial resource extraction, is a major and beneficial victory for the commercial space industry. CSF worked closely with Congress and member companies to promote industry interests and bring about the passage of the comprehensive, bipartisan bill.
Regulations, Technical Standards and Safety

• During the Board Meeting in September, CSF members discussed the need to revisit the structure and functionality of the CSF Technical Standards Committee and process. In November, the CSF Board was presented with improvement options including an update to the charter on how standards are passed, and a proposal to hire an Executive Whip who would help assure the fluidity and efficiency of the overall process.

• The National Transportation and Safety Board recognized CSF as an industry leader. During the summer, the NTSB proposed recommendations to the FAA as well as CSF to assist the development of safety measures within the commercial spaceflight industry.

• We are currently in the process of putting together new standards. The two that are currently in draft for our Occupant Imparted Loads and Occupant Restraints. We are hopeful that these will go to the board for a vote in mid 2016.
Organization and Other Activities

• CSF staff represented the Commercial Spaceflight Federation at a Space Industry Day at the French Embassy on January 15th.

• CSF staff participated in the FAA AST’s International Activities briefing on January 14th and the FAA AST’s Centers of Excellence meeting on January 23rd.

• CSF held its spring Members Meeting in Washington, D.C. on March 3rd and 4th. House Majority Leader Kevin McCarthy spoke in support of the commercial space industry during the Members Meeting.

• CSF President Eric Stallmer gave a speech at the American Astronomical Society’s Goddard Memorial Symposium on March 13th.

• CSF President Eric Stallmer addressed the ICAO Space Conference on March 18th. During the conference, he moderated a panel featuring 4 member companies.

• CSF staff met with the Government Accountability Office on April 2nd. During the meeting, they were interviewed regarding commercial space launch issues.

• CSF President Eric Stallmer represented the Commercial Spaceflight Federation on a trip to Paris in June. While there, he met with a number of high-profile leaders in the political and space communities, including Frederic Nordlund, Head of ESA External Relations, Governor Terry McAuliffe of Virginia, Ariane CEO Stefan Israel, Air Vice Yves Arnaud, Commander of the French Joint Space Command, and a number of senior executives from Orbital ATK.

• Jane Kinney was named Assistant Director of the Commercial Spaceflight Federation. CSF announced on June 28th that Jane Kinney, whose prior work experience included flight control at NASA’s Johnson Space Center, had joined its staff as Assistant Director. Sirisha Bandla, the outgoing Assistant Director, has a new position at Virgin Galactic.

• CSF staff attended a reception in honor of Koichi Wakata, a Japanese astronaut and the first Japanese commander of the International Space Station, at the Japanese Ambassador’s residence on September 16th.

• CSF President Eric Stallmer participated in an Executive Roundtable on Space Collaboration at the House of Sweden on September 18th. During the roundtable, he
emphasized the Commercial Spaceflight Federation’s close collaboration and strong relationship with member company Spaceport Sweden.

- **CSF held a successful Board and Members Meeting in Washington, D.C. on September 22nd and 23rd.** The meeting included talks by representatives from a wide range of agencies relevant to commercial spaceflight, such as the FAA AST, NTSB, OMB, and NASA. Congressman Lamar Smith and Senator Bill Nelson were among the featured speakers. Alan Stern of the Southwest Research Institute and principle investigator on the New Horizons mission gave a presentation on Pluto discoveries.

- **The CSF Board of Directors re-elected Frank DiBello as Chairman during CSF’s September Meeting.** DiBello, President and CEO of Space Florida, will continue to serve as Chairman of the Board for another term.

- **The CSF Board of Directors elected two new officers to the Executive Committee.** Alan Stern of the Southwest Research Institute and Jeff Greason of XCOR Aerospace were elected to serve as officers of the board. Sean Mahoney of Masten Space Systems became the Board of Directors’ Treasurer.

- **CSF President Eric Stallmer moderated a panel discussion at the House of Sweden in Washington, D.C. on October 6th.** Spaceport Sweden’s Karen Nilsdotter was also part of the panel at the “Swedish American Space Symposium – Space Cooperation for the Future” event.

- **CSF Executive Director Tommy Sanford represented CSF at the Von Braun Symposium in Huntsville on October 27th and 28th.**

- **CSF President Eric Stallmer visited Arizona State University on October 29th.** During his visit, he gave a speech about the commercial space industry and the work of the Commercial Spaceflight Federation.

- **CSF President Eric Stallmer attended the Space Tech Expo in Bremen, Germany, between November 16th and November 20th.** While there, he moderated a panel on reusability technologies and capabilities.

- **CSF Assistant Director Jane Kinney attended the SpaceComm Conference in Houston from November 17th to November 19th.**

- **CSF Assistant Director Jane Kinney had an interview with the Discovery Channel about the commercial space industry on November 18th.** She discussed how much the industry, as well as the Commercial Spaceflight Federation, has grown over the past 10 years.
Alaska Aerospace Corporation announced in April that it is renaming its “Kodiak Launch Complex” facility as the “Pacific Spaceport Complex – Alaska” to reflect the growing capability of AAC to meet customer requirements and its broader aerospace commitment to the Pacific region.

Bigelow Aerospace, in partnership with NASA plans to send its “Bigelow Expandable Activity Module” to the International Space Station in 2016 in order to test inflatable space habitat technology.

Blue Origin successfully conducted a first test flight of its “New Shepard” rocket, a vertical-takeoff/vertical-landing, reusable, suborbital human spacecraft, in April. During a test flight in November, Blue Origin successfully flew and landed their reusable rocket back onto the pad at their launch site in Texas.

Jacksonville – Cecil Field Spaceport has been working on upgrading its facilities to attract possible space operators. New taxiways will be complete within a year and aircraft hangar facilities will be under construction.

Masten Space Systems, its employees, and its XS-1 flight hardware were profiled by Popular Mechanics in an October article titled “The Rocket Man Who Wants To Beat the Billionaires.”

Stu Witt, long-time CEO of Mojave Air and Space port, announced that he will be retiring by year’s end. Karina Drees will be taking over the position. Under her new leadership, the spaceport’s board approved two new tenants sub-leasing a privately owned hangar on the airport grounds for fifteen years, bringing in new business.

Midland International Air and Space Port was awarded the Texas Transportation Security Administration’s “West Texas Airport of the Year” award for 2014 on June 17. This regional award recognizes the airport's commitment to teamwork and a spirit of cooperation among all stakeholders.
Moon Express announced plans to have Rocket Lab launch its robotics spacecraft to the Moon in 2017. If the mission is successful, Moon Express could become the first privately-backed venture to achieve a soft lunar landing.

Orbital Outfitters has reported that construction progress at its new facility and altitude chamber at the Midland International Air and Space Port is coming along well and on schedule.

Planetary Resources successfully deployed its Arykd 3 spacecraft in July. The demonstration vehicle validated several core technologies - including the avionics, control systems and software - which the company will incorporate into future spacecraft that will venture into the Solar System and prospect for resource-rich near-Earth asteroids.

Sierra Nevada Corporation announced that its Dream Chaser spacecraft will be launched atop ULA’s Atlas V rocket. The company is planning for the Dream Chaser’s second free-flight test and first orbital test flight in 2016.

The New Horizons mission, led by Alan Stern of the Southwest Research Institute, conducted a historic flyby of Pluto in July, marking humanity’s first-ever visit to the fascinating distant world.

Space Florida approved Blue Origin’s plans to use a Cape Canaveral launch pad as well as land south of Kennedy Space Center for a rocket manufacturing facility. Blue Origin will build orbital rockets in Exploration Park near KSC and launch later this decade from Cape Canaveral Air Force Station's Launch Complex 36.

Spaceport America unveiled its Spaceport America Experience in June, a guided tour of the facility featuring exhibitions, kiosks, and interactive events showcasing the commercial spaceflight experience.

Environmental impact evaluations are underway for the planned Spaceport Camden, a spaceport projected situated in Camden Country, Georgia, which promises to be an ideal location for commercial launches to low-Earth-orbit.
SpaceX’s returned to flight in December included a remarkable achievement. SpaceX was able to successfully return the first stage to its landing site at Cape Canaveral. This also marked the debut of SpaceX’s improved Falcon 9. The upgraded rocket is slightly taller than the Falcon 9 v1.1 and offers a 33 percent increase in performance.

Virgin Galactic won a NASA contract to launch more than a dozen satellites during a flight on the company’s LauncherOne rocket. LauncherOne, an air-launched rocket primarily designed to launch small payloads, will provide affordable, reliable, and responsive orbital launches for small satellites.

Major repair work at the Virginia Space – MARS Launch Pad-0A finished in late September, according to the Virginia Commercial Space Flight Authority. This represented a significant milestone in support of Orbital ATK resuming cargo resupply service with the upgraded Antares launch vehicle to the International Space Station for NASA.

In December, World View Enterprises announced the introduction of a cost-sharing system that will let researchers and educators loft payloads to near space, about 130,000 feet above Earth, via a balloon for as little as $20,000. World View was also featured in the Neiman Marcus Christmas Catalog that allows customers to attend a test flight in 2016 and have the opportunity to go on their own voyage in 2017.

XCOR Aerospace rolled out a revamped and redesigned website in late July. The company also announced the creation of a new division, XCOR Science, which promotes suborbital research and education missions onboard the Lynx vehicle for government, university, and commercial customers.

The United States Air Force awarded AGI a contract valued at $8.4 million for a subscription service for data from the company’s Commercial Space Operations Center. The contract is AGI’s first with a U.S. government customer for ComSpOC services.

ARES Corporation continues its work in support of the Orion spacecraft’s development. NASA had selected ARES Corp. for its program integration contract for Orion.

Arizona State University was chosen by NASA to design, build, and operate a CubeSat, named the Lunar Polar Hydrogen Mapper, which will be a piece of the agency’s larger mission to fully characterize the water content at the lunar South Pole.
Two **ASRC Federal** employees were among 12 space workers inducted into the National Space Club Florida Committee Hall of Fame. The newly established award recognizes space workers who have demonstrated sustained performance in making significant contributions to enhancing U.S. space access.

In May, **Barrios Technology** was awarded a contract by Boeing to provide services to support the Crew Space Transportation System and Boeing’s commercial Starliner spacecraft.

The **BRPH** designed and built facility at Kennedy Space Center, where Boeing will produce its Starliner spacecraft, was officially unveiled and opened in September. The facility will be known as the Commercial Crew and Cargo Processing Facility (C3PF).

**CASIS** announced a funding opportunity that seeks to accelerate the development of human micro-physiological systems, tissue-on-chip, organ-on-chip, and related technologies. The “grand challenge” will involve a flight project to the International Space Station U.S. Laboratory.

The **Colorado Space Coalition**’s Colorado Aerospace Day 2015 was a major hit, with the state’s industry leaders and lawmakers gathering to discuss the impact of the expanding aerospace industry in Colorado, where some of the world’s most advanced crewed and uncrewed space and satellite systems are built.

The **David Clark Company**’s 80th anniversary was celebrated in an exhibit at the Worcester Historical Museum. The exhibit explores how David Clark transformed his company and reached new heights in protective self-contained environments for high altitude pilots and astronauts.

The **ETC – NASTAR Center**’s STS-400 Space Training System and 12/4 Altitude Chamber Training System were awarded recertification by the FAA in August.
Julie Arnold, senior account manager for Griffin Communications in charge of Griffin’s key clients in the aerospace industry, was named the 2015 PR Professional of the Year by the Florida Public Relations Association.

The Houston Airport System and NASA have entered into an agreement to collaborate on the new commercial spaceport being developed at Ellington Field. Under the formal Space Act Agreement, NASA will be providing access to a number of the unique capabilities at the Johnson Space Center, including things like safety training, engineering analysis and technology.

InterFlight Global demonstrated its commitment to aerospace safety by partnering with Wyvern, the globally recognized leader in aviation safety, as a Wyvern Broker.

2015’s ISPCS drew American and international aerospace leaders in an effort to grow space tourism, scientific research and support the nation's attempt to foster public and private partnerships. A significant portion of this year’s presentations focused on New Mexico’s future in carving out a leadership role the burgeoning aerospace industry and the need to focus on competition from surrounding states.

Kimley Horn was recognized by FORTUNE as among 2015’s 100 best companies to work for. This is Kimley Horn’s 8th year on the list; this year, the company ranked #25.

MDA Corporation signed a contract amendment with the Canadian Space Agency for CA$33.8 million extending funding for ongoing support of the Mobile Servicing System on the International Space Station through to October 31, 2017.

ORBITEC completed successful testing and demonstration of three different propellant combinations for its existing 30,000 pound thrust vortex rocket engine. With these tests, ORBITEC is expanding its offerings of engines for orbital maneuvering, upper stage engines, and small-to-medium scale air and ground launch stage engines.
Paragon SDC continues work on NASA’s Orion spacecraft. Over 200 of the parts that flew on Orion’s first flight were designed and built by Paragon SDC, which makes the precise plumbing and computer controls that keep the crew alive and sensitive equipment working smoothly.

Penn State Applied Research Laboratory celebrated its 70th anniversary this year.

Planet Labs continues to revolutionize earth imaging with its small- and micro-satellites. In July, 14 of Planet Lab’s Flock 1e Dove satellites were deployed from the International Space Station. In July, Planet Labs acquired Blackbridge and its RapidEye Constellation.

Qinetiq North America appointed Jeff Yorsz as its new President. Mr. Yorsz joined QNA from Northrop Grumman, where he was the General Manager of Adaptive Optics Associates.

RS&H was honored with the Group Achievement Award from NASA for the company’s work on the Mobile Launcher at Kennedy Space Center. As the most prestigious honor, this award is given to teams who have distinguished themselves by making outstanding contributions to NASA’s mission.

Swiss Space Systems (S3) was profiled in a January article by SpaceNews. The piece spotlighted S3’s three-step business plan, with microgravity aircraft flights scheduled to begin during the second half of 2015 followed by small-satellite launches in 2018 and suborbital passenger flights sometime after 2020.

Scaled Composites announced that it has named Ben Diachun as its new President and Cody Bird as Executive Vice President and Chief Technology Officer. Mr. Diachun has held key engineering design, test, and leadership roles since joining the Scaled team in 2003. Mr. Bird has been with Scaled for over 30 years, having held several positions directly supporting the design and execution of more than 37 prototype vehicles.
Space Adventures announced that it has signed a contract with Satoshi Takamatsu, an award winning pioneer of advertising campaigns and CEO of GROUND, for a future orbital spaceflight mission. Mr. Takamatsu has been in spaceflight training since January.

Spaceflight Inc. purchased a SpaceX Falcon 9 rocket and announced the expansion of its launch services to include dedicated rideshare missions. Spaceflight’s first dedicated rideshare mission, named the “2017 Sun Synch Express,” will launch in the second half of 2017 to a sun-synchronous low Earth orbit which is popular for earth imaging satellites.

In September, Spaceport Sweden launched “Destination: Space,” a national strategy for space tourism produced by 70+ partners from aerospace, tourism, academia and agencies. The strategy details how Sweden is well positioned to become a world leading space destination with world unique experiences, related services, training, research and technology transfer that can accelerate industries and activities on Earth.
Six Astroanuts4Hire members completed the inaugural PoSSUM Scientist-Astronaut Qualification Program, held from February 7-10 at Embry-Riddle Aeronautical University. The PoSSUM Scientist-Astronaut program is a four-day training program designed in part by former NASA astronaut instructors to prepare scientists for potential missions through Project PoSSUM (Polar Suborbital Science in the Upper Mesosphere).

Professor of aeronautics and astronautics Antony Jameson of Stanford University won the prestigious Daniel Guggenheim Medal, considered one of the highest honors presented for a lifetime of achievement in aeronautics. Professor Jameson won the award for the seminal role he played in creating the discipline of computational fluid dynamics.

The Embry-Riddle Daytona Beach Campus Center for Teaching and Learning Excellence (CTLE) was awarded the Jack A. Chambers Exemplary Teaching and Learning Center Award for its contributions to teaching, learning and technology at ERAU. The award honors "outstanding teaching and learning centers that inspire and advance teaching and learning."

The Florida Institute of Technology established a space institute named for and led by Apollo 11 astronaut Buzz Aldrin. Buzz was also named a research professor of aeronautics and a senior faculty adviser for the Buzz Aldrin Space Institute.

An international partnership between Florida State University and a team from the Russian Academy of Sciences has found that space travel may severely impair the body’s ability to regulate blood rushing to the brain, which could contribute to the temporary or permanent vision problems experienced by astronauts.

Former NASA astronaut Clay Anderson taught 12 juniors and seniors in August during the second Spaceflight Operations Workshop offered by Iowa State University’s Department of Aerospace Engineering. The workshop featured lessons in scuba diving, skydiving, wilderness survival, flight simulation, leadership, team building, space physiology, and decision analysis.
Metropolitan State University of Denver is developing a new aerospace engineering program and facility, where students will blend computer science, engineering and computer-aided design to build space vehicles and engage in other tasks.

The Museum of Flight celebrated its 50th anniversary this year, while opening a new exhibit about the first crewed spaceflight that dared to fly for a week, NASA's Gemini V mission. The "8 Days or Bust" exhibit’s opening coincided with the fiftieth anniversary of the launch of Gemini V.

Wichita State University announced that its National Institute for Aviation Research will now lease space in Wichita where Boeing once made airplanes. The NIAR will move its environmental testing labs there soon, with plans to conduct tests that will make manned flight safer.

The New Mexico Institute of Mining and Technology’s Magdalena Ridge Observatory helped NASA and SETI track a piece of space junk with the 2.4-meter telescope as it impacted the Earth over the Indian Ocean near Sri Lanka on November 13. Within hours of that project, the MRO team also tracked an asteroid that passed within the zone of Earth-orbiting communications satellites on November 14.

New Mexico State University hosted the International Space Station Research Workshop on March 30. The workshop included a series of informational and work sessions for the New Mexico space ecosystem presented by the Center for the Advancement of Science in Space.

Purdue University’s Purdue Space Day, hosted on October 25, featured a presentation by Apollo astronaut Buzz Aldrin. The one-day camp, attended by students in the 3rd to 8th grades and held primarily in the Neil Armstrong Hall of Engineering, promoted science, technology, engineering and math (STEM) learning.

Members of the Rice Space Institute’s Laboratory for Space and Astrophysical Plasmas were granted a $1 million National Science Foundation (NSF) award to investigate the magnetic interactions between stars and their planets.
Silicon Valley Space Center, along with CASIS, hosted a “Launching Commercial Space Enterprises” seminar on March 17. It featured high-profile speakers from across the commercial space industry, including leaders from CASIS, SpaceX, Made in Space, Blue Origin, and XCOR.

A contract award to SES Government Solutions put the University of Central Florida’s Global-Scale Observations of Limb and Disk (GOLD) mission on track to launch no earlier than Fall 2017. The award, made by the University of Colorado, a partner in the project, will give the GOLD payload a ride to geostationary orbit, where the microwave-sized device will transmit data of how Earth’s upper atmosphere responds to solar impacts back to scientists for analysis.

NASA has awarded the University of Colorado Boulder’s Fiske Planetarium $1 million for the development of short, full-dome videos about space science-related discoveries that will be distributed to hundreds of planetariums nationwide.

Leading a team of international researchers at the National Astronomy Observatory of Japan, University of Florida astronomers Peter Barnes and Erik Muller have released the most comprehensive images anyone has ever seen of the Milky Way’s cold interstellar gas clouds where new stars and solar systems are being born.

The University of Texas Medical Branch, in collaboration with the National Aerospace Training and Research Center in Southampton, Pennsylvania, is conducting research into the safety training programs that will be used to train spaceflight passengers. Devising these training programs is a key step in preparing for commercial suborbital space travel because it must first be determined what training and preparation private citizens will need for their trip. Researchers are seeking volunteer participants to experience a simulated suborbital spaceflight using a high performance centrifuge.
Commercial Spaceflight Federation
Members in 2015

Executive Members:
- Alaska Aerospace Corporation
- Bigelow Aerospace
- Blue Origin
- Jacksonville – Cecil Field Spaceport
- Masten Space Systems
- Mojave Spaceport
- Midland International Air & Space Port
- Moon Express
- Orbital Outfitters
- Planetary Resources
- Sierra Nevada Corporation
- Southwest Research Institute
- Space Florida
- Spaceport America
- Spaceport Camden
- SpaceX
- Virgin Galactic
- Virginia Commercial Space Flight Authority
- World View Enterprises
- XCOR Aerospace

Associate Members:
- AGI
- ARES Corporation
- Arizona State University
- ASRC Federal
- Barrios Technology
- BRPH
- CASIS
- Colorado Space Coalition
- David Clark Company
- ETC – NASTAR Center
- Golden Spike Company
- Griffin Communications
- Heinlein Prize Trust
- Houston Airport System
- InterFlight Global
- ISPCS
- Jacobs Technology
- Kimley-Horn
- Made in Space
- MDA Corporation
- MLA Space
- ORBITEC
- Paragon SDC
- Penn State Applied Research Laboratory
- Planet Labs
- QinetiQ North America
- Qwaltec
- RS&H
- S3 USA Holdings
- Scaled Composites
- Space Adventures
- Space Coast Spaceflight Alliance
- Spaceflight Services
- Spaceport Sweden
- Vulcan Aerospace
- Waypoint 2 Space

Research and Education Affiliates:
- Astronauts4Hire
- Department of Aeronautics & Astronauts, Stanford University
- Embry-Riddle Aeronautical University
- Florida Institute of Technology
- Florida State University
- Iowa State University
- Metropolitan State University of Denver
- The Museum of Flight
- National Institute for Aviation Research
- New Mexico Institute for Mining and Technology
- New Mexico State University
- Purdue University
- Rice Space Institute
- Silicon Valley Space Center
- University of Central Florida
- University of Colorado Boulder
- University of Florida
- University of Texas Medical Branch