

## May 2016 Stakeholders Newsletter



World View's Stratollite balloon, which [received](#) \$15 million in funding. Image courtesy of World View Enterprises.

# WELCOME

*Dear Test First Name,*

April was another extremely busy month for the CSF staff filled with both challenges and opportunities. As we quickly approach summer, the staff of CSF is looking forward to several conferences and events to promote our member companies and the industry.

At the end of the April, we held our second Executive Leadership Forum with Rep. Derek Kilmer of Washington state. Kilmer, who serves on the House Appropriations Committee, reaffirmed his commitment to support policies that encourage space innovation and job creation. We are looking forward to our next Executive Leadership Forum, which will feature the Secretary of the Air Force, Deborah Lee James. This event will be held the morning of June 15 - more information will follow.

As always, feel free to reach out if you have any questions.

Warmest regards,  
Eric

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- [Recent Industry News](#): Features the biggest accomplishments and breaking news stories from across our membership
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## ABOUT US

The [Commercial Spaceflight Federation](#) (CSF) is the leading voice for the commercial spaceflight industry. Founded in 2006, CSF and its 70+ members are laying the foundation for a sustainable space economy and democratizing access to space for scientists, students, civilians and businesses. CSF members are responsible for the creation of thousands of high-tech jobs driven by billions of dollars in investment. Through the promotion of technology innovation, CSF is guiding the

expansion of Earth's economic sphere, bolstering U.S. leadership in aerospace, and inspiring America's next generation of engineers and explorers.

Currently, more than [70 businesses and organizations](#) are CSF members. Executive Members include commercial spaceflight developers, operators, and spaceports. Associate Members include suppliers supporting commercial spaceflight, with recent members including suppliers of mission support services and suppliers of training, medical, and life-support products and services.

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## POLICY HIGHLIGHT

On April 29, we held our second Executive Leadership Forum, featuring Congressman Derek Kilmer (D-WA). Congressman Kilmer represents Washington's 6th district, which includes part of the Puget Sound region. Before entering public service, Congressman Kilmer worked for many years in economic development, first as a consultant for McKinsey and Company and then for a nonprofit focused on developing the Puget Sound economy. Congressman Kilmer talked about the poster that hung in his office at the nonprofit that inspired him and sticks with him to this day: "We are competing with everyone, everywhere, every day, forever." Congressman Kilmer believes this is a good philosophy not just for private companies but also for government. In his words, "As you look at the nations with whom we compete, they're not messing around with sequestration and government shutdowns and some of the partisan frivolity we see at Congress."

Congressman Kilmer believes that today the United States space enterprise is at a tipping point. He said the U.S. must play its cards right if it can create a critical mass that will tip the scales in the right direction to grow the commercial space ecosystem and drive innovation. To that end, Congressman Kilmer outlined the three policy drivers he believes Congress should focus on when it comes to space policy. First, it is vital to pursue lowering the cost of access to space. Congressman Kilmer believes Congress can be involved in this by promoting policies that encourage the private and government sectors to lower launch cost. Second, policies should be designed to strengthen the US commercial space sector, especially in regard to export control reform. Commercial companies have approached Congressman Kilmer, among other members of Congress, about the challenges they face when working with international customers and suppliers because of export control restrictions. Finally, Congress should work on figuring out how to be a better partner to commercial space companies. While Congressman Kilmer acknowledged that the government may have different goals than commercial space companies, he believes government should enable private sector innovation through public-private partnerships, and

leverage complementary capabilities that can bolster government unique missions.

We thank Rep. Kilmer for speaking at our event and appreciate all the hard work he has put into improving the commercial space ecosystem.

If you have any questions regarding anything I covered in this policy update please don't hesitate to give me a call or send me an email.

Tommy

Executive Director

[tommy@commercialspaceflight.org](mailto:tommy@commercialspaceflight.org)

Office: (202) 715-2924

Cell: (828) 446-2083

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## CSF UPDATES

**April 13:** Tommy Sanford spoke on a panel at Space Symposium about innovative space policy.

**April 14:** Eric Stallmer was the keynote speaker at a luncheon at Space Symposium about the future of commercial spaceflight.

**April 14:** Eric Stallmer was interviewed for a [Private Wealth article](#) about space tourism and for a [Denver Post article](#) about the advancements of commercial spaceflight.

**April 19:** Eric Stallmer testified at a House Science Subcommittee on Science, Space and Technology about Small Satellite Opportunities and Challenges. Read more [here](#).

**April 19:** Eric Stallmer was interviewed by Space News, Space Policy Online, Politico and Florida Politics.

**April 27-28:** The bi-annual COMSTAC meeting took place at the NTSB Conference Center at L'Enfant Plaza.

**April 28:** CSF staff participated in a planning call for the upcoming [Next-Generation Suborbital Researchers Conference](#).

**April 29:** CSF hosted its second Executive Leadership Forum in DC, featuring Representative Derek Kilmer (D-WA).

**April 30:** Eric Stallmer spoke at the National Space Club Florida Committee's Debus Award Dinner.

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## CSF AMBASSADORS XCOR WEBINAR

CSF Ambassadors is hosting a webinar with XCOR Aerospace and the Aretes STEM Project, an Aerospace Education & Commercial Flight Opportunities program. The webinar will focus on payload opportunities on XCOR's Lynx vehicle as well as commercial suborbital flight opportunities with Aretes.

### Call-In Info:

Wednesday, May 25 at 4 p.m. ET

[Join WebEx meeting](#)

Meeting number: 645 238 900

Meeting password: CSFAmbassadors

CSF Ambassadors is a program that seeks to further both passion for and knowledge of the current state of the commercial spaceflight industry. The program is open to students, professionals and space enthusiasts alike!

If you or someone you know are interested in joining the Ambassadors, email Jane Kinney at [jane@commercialspaceflight.org](mailto:jane@commercialspaceflight.org).

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## RECENT INDUSTRY NEWS

**April 2:** Blue Origin launched and landed its New Shepard vehicle for the [third time](#).

**April 8:** Bigelow Aerospace's expandable module, [BEAM, was launched](#) to the International Space Station on board a SpaceX Falcon 9 rocket, which then completed its first landing on a drone ship.

**April 12:** Russian billionaire Yuri Milner and physicist Stephen Hawking [announced the Breakthrough Starshot project](#), which will work on technology that would allow

chip-sized spacecraft to be accelerated by laser light sails and travel at up to 20 percent the speed of light. Such a spacecraft could travel to the nearest star system, Alpha Centauri, in about two decades.

**April 12:** Congressman Jim Bridenstine (R-OK) [formally introduced](#) his comprehensive space policy bill Tuesday. The American Space Renaissance Act includes a wide range of policy provisions for military, civil and commercial space.

**April 20:** Virgin Galactic's [WhiteKnightTwo arrived at Spaceport America](#) for ground and air tests.

**April 25:** Alan Stern of the Southwest Research Institute was named one of [Time's 100 Most Influential People](#).

**April 27:** SpaceX announced plans to send its Dragon 2 capsule to Mars as early as 2018, calling it the [Red Dragon](#).

**April 28:** COMSTAC, the FAA AST's advisory committee, [approved a recommendation](#) calling for no change in current policy that restricts the use of excess intercontinental ballistic missile motors for commercial launch vehicles.

**April 29:** World View [has raised \\$15 million](#) for for high-altitude balloon work. World View Enterprises said the \$15 million Series B round will go towards the development of what it calls "Stratollites," a version of its high-altitude balloons that are able to remain aloft for extended periods of time and remain over the same area, or travel extended distance as needed to carry out their mission.

**May 6:** SpaceX successfully launched a Japanese communications satellite and landed the first stage at sea.

**May 10:** Midland Development Corp. is exploring the possibility of [building vertical launch facilities](#) at Midland Spaceport. RS&H is helping Midland to develop plans for the spaceport so that it can accommodate the operations of XCOR Aerospace.

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**NEXT-GENERATION SUBORBITAL  
RESEARCHERS CONFERENCE**



As a new generation of space vehicles prepares to come online over the next two years, the [2016 Next-Generation Suborbital Researchers Conference](#) (NSRC) will bring together hundreds of suborbital researchers, educators, flight providers, spaceports, and government officials in Broomfield, Colo., just outside Denver June 2-4.

Organized by the Southwest Research Institute (SwRI) and the Commercial Spaceflight Federation (CSF), NSRC-2016 will provide an in-depth forum for attendees to learn about research and public outreach efforts of these new commercial suborbital spaceflight systems. The keynote speaker will be computer scientist Alan Eustace, who set a parachuting world record in 2014 by diving in a space suit 136,000 feet (nearly 26 miles) from a balloon — the highest free-fall jump in history. Representatives from NASA, the Federal Aviation Administration, spaceports, and commercial suborbital and orbital vehicle operators also are scheduled to attend.

[Click here to register!](#)

If you have questions or would like additional information about the conference, please contact Jane Kinney, [jane@commercialspaceflight.org](mailto:jane@commercialspaceflight.org).

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# RESOURCES

Consult the following resources for the most up-to-date news and information about the commercial space industry!

## **Commercial Spaceflight Federation**

Visit the [Commercial Spaceflight Federation homepage](#) for the most recent press releases and news stories featuring CSF member organizations.

## **Spaceflight Now Launch Tracker**

Check out the [Spaceflight Now Launch Tracker](#) for the most up-to-date schedule of U.S. government, commercial, and foreign space launches.

## **SpacePolicyOnline.com**

Go to [SpacePolicyOnline](#) for recent news and analysis as well as a comprehensive list of space-related hearings, briefings, and events in the Washington, DC area.

## **NASA Procurement Information**

Consult the [NASA procurement page](#) for a breakdown of NASA spending by state and Congressional district; details include information about SBIR awards, grants, and contracts with universities and businesses.

## **FAA Office of Commercial Space Transportation (AST)**

Head to the [FAA AST website](#) to view launch licenses and procedures as well as relevant legislation governing commercial space.



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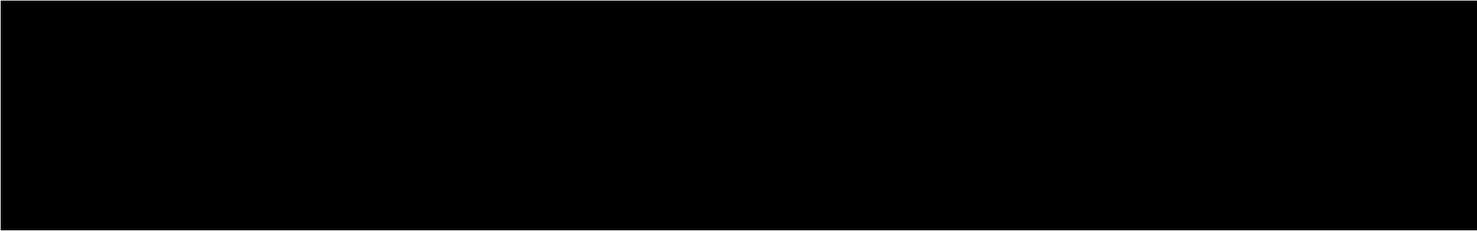


Website



Commercial Spaceflight Federation  
500 New Jersey Avenue NW, Suite 400  
Washington, DC 20001  
(202) 715-2928

[www.commercialspaceflight.org](http://www.commercialspaceflight.org)



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