



Momentum Selected by U.S. Air Force for Space Demonstration of Rendezvous Using Low-Cost Multi-Spectral Sensor Suite

February 4, 2025

SAN JOSE, Calif.--(BUSINESS WIRE)--Feb. 4, 2025-- Momentum Inc. (NASDAQ: MNTS), a U.S. commercial space company offering satellite buses, technologies, transportation, and other in-space transportation services, today announced that the U.S. Air Force Research Labs AFWERX organization has selected a proposal from Momentum to perform an in-space demonstration flight of a new, low-cost suite of multispectral sensors for Rendezvous and Proximity Operations (RPO).

AFWERX is the innovation arm of the U.S. Air Force under the Air Force Research Laboratory (AFRL). AFWERX has been chartered to bring cutting-edge ingenuity from small businesses to address the most pressing challenges of the Air Force.

In 2024, Momentum submitted a proposal under the AFWERX Challenge and was recently formally notified that its proposal for a Phase II Small Business Innovation Research (SBIR) project to perform a multi-spectral RPO demonstration was selected after evaluation in a competitive process. Momentum expects to complete contract negotiations shortly. This selection underscores Momentum's commitment to pioneering innovative solutions for national defense.

Under the SBIR project, Momentum plans to use a Rendezvous and Proximity Operations (RPO) system it has developed using internal R&D funds and use an optical sensor, infrared sensor, and a Lidar sensor. (Lidar is a remote-sensing technology that uses laser beams to measure distances and movement in an environment.)

A flight demonstration in early 2026 is planned that will show the ability for low-cost RPO sensors to safely guide the approach and rendezvous of a space vehicle with a previously uncharacterized client object using machine vision algorithms and data fusion developed by Momentum. Reducing the cost while ensuring high operational safety for in-space rendezvous is a key enabling technology needed for the future of in-space refueling of satellites, manufacturing, assembly, servicing, and debris removal.

The rendezvous sensor demonstration for AFWERX will join other payloads, including from the Department of Defense and commercial customers, on a mission that Momentum has contracted with SpaceX to join a Transporter rideshare launch in early 2026.

For this mission, Momentum has additional capacity to support customers planning LEO deployment and hosted payload missions in early 2026. Government and commercial customers interested in utilizing the ability of the Vigoride vehicle to cost-effectively launch and deliver microsats up to 200 kg and cubesats, provide average power up to 1kW, and deploy or operate hosted payloads in orbits above 500 km and below the International Space Station are encouraged to contact Momentum while booking opportunities remain open at sales@momentusspace.com

"We're thrilled to be selected to perform this in-space demonstration to support the U.S. Air Force with cutting-edge technology," said Momentum Chief Executive Officer John Rood. "We're at a key juncture in the development of technology to enable new operations in space that are critical to America's security and commercial operations in space. We see this selection as an exceptional opportunity to continue Momentum technology leadership to support national security and new commercial activities."

About Momentum Inc.

Momentum is a U.S. commercial space company that offers commercial satellite buses and in-space infrastructure services including in-space transportation, hosted payloads, and other in-orbit services.

Forward-Looking Statements

This press release contains certain statements which may constitute "forward-looking statements" for purposes of the federal securities laws. Forward-looking statements include, but are not limited to, statements regarding the expected filing of the Company's Form 10-K and Form 10-Q and its management team's expectations, hopes, beliefs, intentions or strategies regarding the future, projections, forecasts or other characterizations of future events or circumstances, including any underlying assumptions, and are not guarantees of future performance. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict and many of which are outside of Momentum's control. Many factors could cause actual future events to differ materially from the forward-looking statements in this press release, including but not limited to risks and uncertainties included under the heading "Risk Factors" in the Annual Report on Form 10-K filed by the Company on June 6, 2024, as amended by that certain Annual Report on Form 10-K/A filed by the Company on September 16, 2024, as such factors may be updated from time to time in our other filings with the Commission, accessible on the Commission's website at www.sec.gov and the Investor Relations section of our website at investors.momentum.space. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and, except as required by law, the Company assumes no obligation and does not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise.

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