

# Momentum Inc. Announces Service Agreement with LunaSonde's *Gossamer*

September 10th, 2020 – Santa Clara, CA – Momentum ([www.momentum.space](http://www.momentum.space)), provider of in-space transportation services for satellites, and LunaSonde, a radar satellite remote sensing startup that provides subsurface imaging from space, today announced a launch service agreement to fly a demo Cubesat (*Gossamer*) to SSO orbit in Q1 2021, with further options to fly a constellation of 3U Cubesats to SSO in the future.

LunaSonde's vision is to fundamentally change the way we see our planet and its resources. The company pioneered a technology that allows small satellites to essentially take an MRI scan of planet Earth. This technology combined with advanced algorithms enables direct imaging to identify valuable underground resources such as water, petroleum, and mineral deposits.

"We are thrilled to partner with Momentum for this mission," said Jeremiah Pate, CEO and Founder of LunaSonde. "Momentum shares our vision of the unique opportunities space holds and the benefits it can offer society"

Prior to founding LunaSonde, Pate worked on several research projects outside of the space sector, drawing international recognition for reversing Parkinson's Disease in a laboratory setting twice. He developed and patented AMELIA, a machine learning-based aircraft safety system, and led a team who successfully created a low-cost fusion reactor to generate medical isotopes. Asteroid 34104 Jeremiah Pate was named in honor of Pate's research.

"We are honored to have been selected as a partner for orbital placement of the *Gossamer* mission," said Mikhail Kokorich, CEO of Momentum. "We share a goal with LunaSonde of providing revolutionary technology to benefit both Earth and Space."

Momentum is a Space Transportation and Space Logistics company and a graduate of the prestigious Y Combinator program based in Silicon Valley. Momentum employs new and proprietary technologies, including water plasma propulsion to enable revolutionary low-cost orbital shuttle and charter services. Momentum has already demonstrated its core technology in space and is currently preparing for its next two customer test missions starting later this year.

## **About Momentum Inc.**

Momentum is the first company providing in-space transportation services for satellites. The company was founded in 2017 in Santa Clara, CA. Momentum designs and builds transfer vehicles propelled by proprietary water plasma thrusters. The vehicles ferry satellites to a custom orbit after they are delivered by conventional rockets to their initial orbit. Momentum is a 70 person team growing rapidly.

For more information visit <http://www.momentus.space>

### **About LunaSonde**

LunaSonde offers Earth observation services for the mining, petroleum, and water resource industries. LunaSonde has developed a platform for mapping resources up to 2 kilometers beneath the Earth's surface, using novel low frequency radar technology.