



LIA AEROSPACE HITS A MAJOR MILESTONE: THE KX8 ENGINE IS READY FOR SPACE

*The company has optimized its engine for satellites and spacecraft,
making it ready for commercial use.*

Buenos Aires, October 2024- Aerospace startup LIA Aerospace has reached a major milestone with the successful validation of its KX8 thruster, confirming it is now ready for space operations. This achievement positions the company at the forefront of propulsion system development for satellites and spacecraft.

Successful Testing and Next Steps

In a recent test, the KX8 thruster achieved stable combustion for one minute, demonstrating optimal performance and thermal stability. This marks a crucial step toward the commercialization of the thruster, which will enable satellites to autonomously maneuver in space, significantly reducing operational costs. "This accomplishment gives us a critical competitive edge. The results instill confidence in our potential clients and prove that we're prepared to tackle the challenges of space," said Dan Etenberg, CEO and founder of LIA Aerospace.

The team at LIA is already working to extend the test duration, with a goal of achieving 10 minutes of combustion and handling propellant loads of up to 215 kg. These advancements suggest that the KX8 will be a strong contender in the space propulsion market in the coming months.

Expanding Facilities and Continued Growth

LIA Aerospace continues to scale its operational facilities, they recently opened a test bench designed for various thrust levels and burn durations. The facilities also feature a safe, remote-controlled propellant loading system and three independent water dispersion systems for fire prevention.

These technological innovations establish LIA as one of the few companies capable of developing cutting-edge space technology. "We are committed to maintaining the highest safety standards to ensure that our tests are not only successful but also safe for our team and the environment," Etenberg emphasized.

International Accelerator Programs

LIA has also gained international recognition, having recently been selected for the Airbus UK Space Accelerator, a program organized by Airbus Defence and Space, one of the world's

leading aerospace manufacturers, and managed by Plexal, an innovation and coworking hub in London focused on tech and defense startups. This opportunity will allow LIA to explore new commercial prospects and expand its network in Europe. "It's an incredible opportunity to strengthen our technical and strategic capabilities alongside peers in the UK," said Etenberg.

The Founder's Vision

Since its founding, LIA Aerospace has been driven by a clear vision: to develop space technologies that are accessible, sustainable, and efficient. "Our goal is not just to innovate but to lower the costs of space access, democratizing satellite use across various industries," said Etenberg.

This focus on sustainability and efficiency has made LIA one of the most promising startups in the space propulsion sector. With a highly skilled team and strategic partnerships with international organizations, LIA continues to move forward with its mission to transform access to space.

"This is just the beginning. We're confident that the KX8 will be the first of many engines that will revolutionize how satellites and spacecraft navigate in space," Etenberg concluded.

Latest Test Footage

<https://www.youtube.com/watch?v=4gkjfW3Z63w>

Company Images

https://drive.google.com/drive/u/0/folders/1HSzzvn_YHGhSJD8TDfes8pJDmGVr8Fb8

About LIA Aerospace

LIA Aerospace (Laboratory for Aerospace Research) is a pioneering startup developing sustainable, non-toxic, bipropellant propulsion systems for satellites and spacecraft. Dan Etenberg, a mechanical engineer with over 20 years of experience in rocket propulsion systems, turbines, and electronic integration systems, founded the company in 2019 with the goal of transforming the space economy. In 2021, LIA successfully tested its propulsion systems on its own reusable rocket, the Zonda 1.0, becoming the first company in the world to launch a rocket powered by biofuels. The company has been selected for numerous programs, including the European Space Agency's business incubation program, the UK Department for International Trade's Global Entrepreneur Programme and Endeavor's ScaleUpt.

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