



## **LIA AEROSPACE CARRIED OUT SUCCESSFULLY THE FIRST TEST FLIGHT OF ITS REUSABLE ROCKET USING BIOFUELS**

With this achieved milestone, the company gets ready to move forward with the programme as planned and launch its first commercial rocket into orbit by 2024

**Buenos Aires, Argentina – January 26, 2021** – LIA Aerospace, a new aerospace logistics company for micro and mini satellites, announced today the successful flight of its first rocket. The launch of the Zonda 1.0, a 3.8m long rocket, took place on January 23 at 11:26 am in Magdalena, Buenos Aires, and reached the expected apogee of 3 km. This first test confirmed the proper operation of all rocket systems such as avionics, pressurization, launch tower, telemetry and propulsion, as well as the ground systems for remote loading propellants and remote pressurization, essential for a satisfactory flight. It also helped to identify improvement opportunities for its next rocket, expected to be of a larger scale and flight apogee.

The Zonda 1.0, as well as the upcoming reusable rocket versions will reduce the environmental impact of LIA's launches as well as its production time and costs. The propulsion system of the Zonda 1.0 included hydrogen peroxide manufactured by LIA Aerospace as an oxidizing agent and used biodiesel as fuel, generating 60% less carbon footprint than the fuels and propellants that are usually used", added Dan Etenberg, CEO of the company.

The launch of the Zonda 1.0 concludes the first of four stages of LIA Aerospace's 2020-2024 work programme, designed to reduce the project's operational and financial risks and ensure the launch of its rockets into orbit by 2024. To achieve this, the company will launch new versions of greater size, payload and flight height of its rockets every 12 to 18 months.

"This milestone demonstrates the strength of our work programme, and the technical and financial capacity of the LIA Aerospace team, focused on achieving our main objective: generate a more sustainable and closer relationship with space. In the last ten years hundreds of small satellite's companies were created and today they are not able to launch them into orbit. With LIA Aerospace, we will offer the logistics solution that the aerospace market is needing, carrying out multiple launches of reliable, sustainable and low-cost rockets per year" Etenberg concluded.

### **About LIA Aerospace**

LIA Aerospace (Aerospace Research Laboratory) is an aerospace logistics company for micro and mini satellites (between 75 and 250 kg). It was founded in 2019 by Dan Etenberg, mechanical engineer with more than 20 years of experience in the development of rockets' propulsion systems, turbines and electronic system integration. During 2020, the company was selected to participate in the following programmes: UdeSA Incubator from University of San Andrés, IncuBAte from the Government of the City of Buenos Aires, ScaleUp of Endeavor and the Global Entrepreneurs Programme from the UK Department of International Trade. The company will provide responsive micro and mini satellite launching services to low orbit with reusable rockets powered by biofuels, with the aim of generating a more sustainable and closer relationship between society and space.

### **Social Media**

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