

November 2020

## **JOB OFFER**

### **Description: Test Propulsion Engineer**

#### **About Pangea Aerospace:**

Pangea Aerospace is an aerospace start-up based in Barcelona focusing on developing disruptive technologies for small satellite launch vehicles. We are searching for new team members that want to contribute on creating the next generation of launchers.

Our mission is to develop the technology that enables a more efficient, sustainable and commercial access to space. The company is building the world's first additively manufactured aerospike engine and a proprietary recovery system. Pangea Aerospace's technologies will contribute towards making reusable rockets the catalyst for low-cost access to space.

We are looking for open-minded, driven and talented professionals to join our international team in Barcelona.

Pangea Aerospace is privately funded, supported by national and European institutions and a strong network of European partners.

**Department:** Propulsion

**Position:** Test Propulsion Engineer

**Type:** Full-time Position

**Location:** Barcelona + test facilities location

**Starting Date:** January 2021

#### **Responsibilities:**

The Propulsion Test Engineer will be leading all testing activities on liquid rocket engines and their subsystems. He/she will be in close communication with the design team to iterate fast on hardware versions.

The responsibilities will include, among others:

- Leading test campaign together with the design team
- Supporting the design, optimization of propulsion hardware
- Designing and building test bench hardware
- Defining test bench operational procedures

#### **Requirements:**

- Knowledge of the aerospike engine concept
- Experience in cryogenic liquid rocket engine testing (+2years)
- Experience in operating cryogenic test benches (+2years)
- In-depth understanding of liquid rocket engine working principles

November 2020

- Knowledge in Data acquisition systems
- Good programming skills, e.g. Matlab, Labview
- CAD experience, preferably using Siemens NX

**Other Desired Competencies:**

- Troubleshooting
- Experience in the industry
- Additive manufacturing experience
- Good communication skills
- Capable of working in a flexible and open-minded environment
- Creative and with experience in overcoming failure
- Fluent English

**How to apply:** CV has to be sent to [career@pangeaaerospace.com](mailto:career@pangeaaerospace.com). Do not hesitate to also include a cover letter. Please include the offer description “Test Propulsion Engineer” in the title.