

*Lange Research Aircraft GmbH (LRA) is a spin-off of Lange Aviation GmbH, which boasts over 20 years of experience in the field of high-performance glider design. With its Antares E series, the medium-sized company headquartered in Zweibrücken, Germany, has developed the world's first all-electric glider, and introduced it to the market. Building on these experiences, LRA went on to develop an unmanned electric-powered aircraft (UAV) with an extremely long range on the basis of fuel cell technology for commercial applications. The market for unmanned commercial aviation is expected significantly grow in the coming years with applications that would include flying Internet platforms, environmental monitoring, border surveillance or the exploration of natural resources.*

Are you a university graduate or already have some professional experience as an engineer in the aerospace and/or composites industry? Are you looking for a new challenge in a typical medium-sized high-tech company? Do new, innovative technologies excite you? Are you creative and interested to work in a multi-disciplinary team? If so, you are the right person looking to reinforce our development team in Zweibrücken at the earliest possible opportunity as

## **Aerospace Development Engineer** **Specialist in mechanical engineering and fibre composite materials**

### **Your responsibilities:**

- Conducting flight performance analyses
- Creating support documentation in accordance with CS 22 and CS 23
- Sample inspection of support documentation
- Designing and calculating high-performance fibre composite structures using analytical methods
- Designing and calculating mechanical flight control systems and landing gear
- Creating drawings and design documentation
- Developing repair procedures

### **Your profile as a Development engineer:**

- Completed Engineering degree in aerospace engineering, mechanical engineering or another related discipline (Diplom / Master's degree, PhD)
- Professional experience as a design engineer in the field of verification management and structural mechanics
- You ideally have experience in the field of high-performance fibre composite structures
- Good working knowledge of construction regulations (EASA)
- Excellent written and spoken English
- Excellent capacity for interdisciplinary research

### **We offer**

We offer you the opportunity to develop within a typical medium-sized high-tech company with flat hierarchies and an experienced, multidisciplinary team (construction, electronics, software, avionics) in which you are able to implement your own ideas. You will acquire insight into all areas of our development and production, such as composite-based production technologies, fuel cells, advanced command and control systems for autonomous flight. Your new workplace is located directly at Zweibrücken airport in spacious buildings. At Lange Aviation, our modern production facilities are located in a bright and friendly 1,800-square metre hall.

### **Are you interested?**

Please send us your application documents by email to [jobs@lange-research-aircraft.com](mailto:jobs@lange-research-aircraft.com) We look forward to hearing from you!