



Our Mission: Contribute to a climate-neutral future by making Zero Emission Air Transport happen!

Therefore, we need **you** as a staff member for our EASA Part 21J design organization in the function

Hydrogen storage design engineer (m / f / d)

We are pioneering in the field zero emission aircrafts and on track to bring the first certified emission free aircraft into the market. We believe that the key technologies developed by APUS will play a decisive role in the future of aviation and redefine the state of the art.

You want to actively shape and contribute to a climate neutral future?

You are a team player, creative, dedicated, thinking outside of the box?

Be part of our journey and make zero emission aviation happen as part of our team!

We are looking forward to applications from mothers, fathers, people with disabilities and people from the LGBTQIA+ community. Our office and workshop are completely barrier free. We are located just 400m from a barrier free S-Bahn station and do have barrier free parking lots.

Our transparent, dynamic, and creative way of working will inspire you. You will quickly be swept away and feel at home with us.

You care for us; we care for you! Beside many other benefits we offer:

- **Family friendly:** We support Parents with flexible Scheduling, Home Office and child sick days.
- **We support you:** We want you to feel home asap and help you getting settled with a flat or assist in any bureaucracy acts required with local or national authorities.
- **Home Office:** We offer partial remote work. Feel free to ask during the interview for the modus which fits best for you and your position.
- **Further education:** We offer a series of in-house aviation engineering related education programs. In addition, we support you with targeted training that let you develop personally and professionally.
- **Accessible Aviation:** we believe that every developer of aviation needs to have the chance to life and feel aviation and the product.
 - **You are a pilot?** We have a pool of aircrafts accessible to our team!
 - **Want to become a pilot?** We are happy to assist you in becoming a private pilot yourself! Being located at the airfield, a training flight is never more than 5 minutes away!
 - **Just fly?** We get anyone airborne, be it a business trip with our aircrafts or the recreational flight with a gorgeous team member after work.
- **Teambuilding and more:** We do legendary company trips every year and create family days to get to know the team behind you 😊.



Your areas of responsibility

- Design and analysis of type-IV hydrogen pressure vessels
- Validation and integration of H2 liners
- (CAD-)Design of metal and composite structures according to airworthiness requirements
- Stress calculation using appropriate methods and FEM
- Planning of H2 storage qualification tests including test data evaluation
- Creation of technical documentation and preparation of compliance reports
- Reporting to the Certification Verification Engineer and Project Manager

Your profile

- University degree in aerospace engineering, mechanical engineering or a similar field
- At least 2 years of professional experience in the field of pressure vessel design
- Good knowledge of foreign languages in English and preferably German
- Experience in the technical management of work packages is an advantage
- Experiences in project management and Part 21J organizations is an advantage
- Interest in aviation and passion for emission-free mobility

We offer

An exciting field of activity in various areas related to general aviation and innovative propulsion systems. Our professional and young team would like to welcome you to our EASA-approved design organization. We would like to work with you on pioneering projects and make them fly. Our transparent, dynamic and creative way of working will inspire you. You will quickly be swept away and feel at home with us.

Application deadline: 31.01.2023
Preferred start of work: at short notice
Vacancy reference id / date: #27 / 23.12.2022

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