

Working Student Flight Operations and Human Factors (m/f/d)

Fixed-term contract – starting as soon as possible

DESCRIPTION

As part of the Flight Operations and Human Factors Team you will be involved in the development of normal, abnormal and emergency procedures of an eVTOL aircraft in close cooperation with test pilots, human factors specialists and engineering teams. Starting with a systematic analysis, you will develop prototype procedures and test them in one of our engineering simulators. You will further develop crew workload assessment methods and conduct HF analysis during different phases of the development and provide technical input to the HF Philosophy and Process. Working in our team means to learn something new every day, work with many different disciplines and teams and actively contribute to shaping tomorrow's aviation. This student position will cover minimum 8 hours/week.

YOUR TASKS

- Familiarize yourself with the concept of operations and human factors' philosophy
- Perform task analyses for different phases of the operation
- Develop and analyze normal and abnormal operating procedures and checklists
- Test and validate procedures using different methods, including engineering simulators
- Further evaluate and select crew workload assessment methods
- Conduct human factors evaluations, including scenario-based evaluations
- Assist the creation of human factors guidelines

YOUR SKILLS

You should ...

- Be enrolled as student in aerospace or human factors engineering or a comparable technical course of study
- Have previous experience with flight simulator devices and/or as a pilot is a strong asset
- Have good knowledge about aircraft and principles of flight
- Bring basic knowledge about human factors principles
- Have basic knowledge in MATLAB/Simulink
- Have a self-driven and structured way of working
- Bring very good English skills

INCLUDED IN YOUR PACKAGE

- A young, highly motivated and passionate team
- Flat hierarchies and learning-from-mistakes approach
- Strong company culture in an international environment
- The possibility to shape the future with us
- Regular team events
- Flexible working hours and hybrid working model
- Excellent career opportunities and regular feedback
- Weekly fresh fruit and free water, tea and coffee
- Supported canteen service
- Modern newly renovated office
- Very good access to public transport and free parking spaces

ABOUT US

ERC develops a manned electrical vertical takeoff and landing vehicle. The company was founded in 2020 by a team of aerospace engineers that already has gained experience in this field for many years. Financially well backed, the core team already grew a competitive company around the topic, but still needs your support to get all tasks done!

Contact eRC

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Apply online:

