



Working Student Unmanned Aircraft System (UAS) Operations (m/f/d)

Vision

| *We elevate critical missions.*

Mission

| *Engineering the leading electrified aviation platform - made in Europe for those who protect, serve, and sustain what matters most.*



Our Company

ERC System is a Munich-based aviation startup that develops **electrified aviation solutions for the most critical missions**. The company's **hybrid-electric aircraft takes off vertically like a helicopter, but flies forward wing-borne, like an airplane**. It provides high speeds, long ranges, and cost-efficient operations for patient, passenger, and cargo transport. ERC's flagship product is a crewed, hybrid-electric lift-and-cruise aircraft optimized for interhospital patient transport.

Founded in 2020 by experienced aerospace professionals, ERC currently has approximately 60 employees and is **backed by aerospace powerhouse IABG**, a leading provider of testing and certification services for aircraft, spacecraft, and defense solutions. The team focuses on heads-down engineering, capital-efficient development, and designing aircraft that fulfill highest customer and regulatory requirements. *Further Information on: www.erc-system.com*

Profile description

Working Student Unmanned Aircraft System (UAS) Operations (m/f/d)

Location: Ottobrunn (Munich) | 16h per week | Start: ASAP

Your Mission

As a **Working Student Unmanned Aircraft System (UAS) Operations** at ERC System, you will be part of a fast-paced and exciting work environment, where you can directly **see the results of your work during flight testing of our prototype aircraft**. Throughout your time with us, you will gain hands-on experience in Human Factors and UAS Operations in open and specific category. You will **explore novel approaches to operating concepts** and support the development of procedures and training solutions for manned and unmanned aviation systems. You will **work closely with an experienced team of simulation and system engineers**, UAS test pilots, and flight test engineers. You will actively contribute to shaping the future of electrified aviation in Europe.

This student position will cover 16 hours/week.

Your Profile

- Enrolled student (m/f/d) in aerospace engineering, human factors engineering, or a comparable technical course of study

- Strong interest in Human-Machine Interfaces and Human Factors in an aviation context
 - Enthusiasm for developing training concepts and conducting training sessions for pilots and ground crew
 - Strong interest in flight operations of both manned and unmanned aircraft systems
 - Previous experience with flight simulator devices and/or as a pilot is a strong asset
 - Enjoyment of clear, structured, and comprehensible technical documentation
 - Analytical mindset, structured working style, and strong communication skills
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Your Tasks

- Familiarize yourself with concepts of operations and human factors in the context of unmanned aircraft
 - Plan, prepare, conduct, and evaluate HMI studies with remote pilots and ground crew members using various methods, including engineering simulators and subscale model aircraft
 - Support the development and documentation of operating procedures and checklists
 - Conduct human factors evaluations, including scenario-based assessments and workload assessment.
 - Support the creation of Training Manuals, Operations Manuals, and Maintenance Manuals for electrified aviation solutions for the most critical missions.
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What We Offer

- **Innovation, security, and growth:** take on an important role in a financially stable European aerospace startup that is setting new standards.
 - **Modern working environment:** hybrid working, a modern office in Ottobrunn, and top-of-the-line ergonomic equipment.
 - **Development & Benefits:** Opportunities for further training, EGYM Wellpass membership, and an attractive salary package.
 - **Team & culture:** experience true startup spirit with flat hierarchies, fast decision-making processes, and regular team events.
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Why Join Now?

- We work with the strongest rescue and defense partners in Europe and are supported by our strategic investor IABG.
 - You will join our startup of approximately 60 employees during a crucial growth phase.
 - You will contribute to the realization of an electrified aircraft for the most critical missions, from patient transport to military cargo transport.
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Key Team Members

- **Daniel Gierszewski - VP Flight Operations** (<https://www.linkedin.com/in/daniel-gierszewski/>)
 - **Philipp Reiß - VP Certification & Safety** (<https://www.linkedin.com/in/philipp-reiss-71a46a105/>)
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Take action and call us - Ready for take-off?

We look forward to receiving your application! Please send your CV to career@erc-system.com

Apply to career@erc-system.com

ERC System is committed to diversity and equal opportunity – we welcome applications from candidates of all backgrounds!