LIFT Aircraft | Making Flight Accessible.
Test Engineer & Data Analyst

Overview
At LIFT, we are developing a unique, 18-rotor electrical-vertical-takeoff-and-landing single-seat ultralight aircraft.

Team members who excel are self-motivated, work cooperatively, and are excited to get involved in all aspects of this project. Where there is work to be done, they pitch in and help. This is a get-your-hands-dirty-and-love-it kind of job.

Opportunities for future advancement. Join us and help craft the future of human flight.

Context
We are looking for a mature, independent, assertive (communicates well, speaks up) flight test engineer. An individual who can manage themselves and direct the cadence of a flight test. 80% test engineer, 20% data analysis & authorship of test reports. This is a fast-paced, high-flexibility, boots-on-the-ground role and work environment.

Job Duties
- Assist in directing the flight test team
- Draft flight test plans
- Executing daily flight, including drafting and running test cards
- Conduct in-depth post-flight data analysis and create relevant in-depth test reports
- Manage flight test data and data storage
- Support flight test crews actively, including participating in flight tests when necessary
- Interface directly with Military Flight Test Director, the US Air Force, and other DoD partners, helping assure that flight test milestones are consistently met.
- Oversee creation of flight test documentation (test reports, keep and update test data repository, and checklists)

Benefits
- Flexible paid time off
- Medical Insurance (PPO)
- 401 (k) matching
- Dental & Vision

Culture
Lean. Safe. Candid. Humble. Team. And always - Growth. What we don't know, we learn. What we don't have, we build.

Location
Mandatory work on-site at Eglin AFB. Testing will be at a variety of locations throughout the United States and other countries. Travel flexibility is a must. Relocation benefits possible.

Travel
• Ability to travel within the US and internationally.

Compensation

Salary base for this role starts at $80k / year. Compensation will take the form of both salary and equity (stock options).

Requirements
- US Citizen
- Willing to perform in rugged, unimproved working conditions (heat/cold/solar exposure)
- Advanced technical writing skills (ability to create test reports)
- Expert in directing aviation test operations
- STEM-related degree or significant professional experience in related fields
- Proficiency in engineering disciplines
- FAA Part 107 Remote Pilot Certificate (can obtain at commencement of position)
- Ability to understand and test complex aviation systems including software and hardware
- Familiar with UAS hardware, software, operations
- Ability to lift 50+ lbs
- Reliable transportation to test site at Eglin AFB
- Ability to travel within the US and internationally (up to 50% travel, depending on test schedule and locations)

Desired Skills
- FAA Private Pilots License
- Prior Experience working with the US Air Force / DoD
- FAA Class 2 Medical or eligibility to obtain
- Experienced with UAS flight control setup and tuning across multiple platforms
- Advanced computer skills, including programming language proficiency
- Professional flight safety experience