



Is flying fun for you? Like, really fun?

## UAS Flight Test Engineer/Pilot Role Description

### Overview

[LIFT Aircraft](#) is developing the world's first personal eVTOL aircraft for the masses. [We are a fast-growing startup that recently demonstrated for the Secretary of the US Air Force.](#)

At LIFT, we are developing a unique, 18-rotor electrical-vertical-takeoff-and-landing manned ultralight aircraft. Fully carbon-fiber, piloted by one person. Our initial market is experiential entertainment.

We're looking for a professional aviator who can lead a team conducting flight test operations. We will be conducting an intense series of capabilities tests throughout 2021 and beyond.

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 abound. Join us and help craft the future of human flight.

### Job Duties

- Lead a test crew in the execution of flight test objectives
- Operate HEXA aircraft as RPIC during test flights
- Support root-cause-analyses of mechanical and electrical failures
- Create new aircraft documentation (test reports, operating manuals, and checklists)

### Requirements

- Expert in leading crewed aviation operations
- Professional aviation experience
- FAA Part 107 Remote Pilot Certificate
- FAA Private Pilots License
- FAA Class 2 Medical or eligibility to obtain
- Familiar with UAS hardware, software, operations
- Proficiency in a wide range of computer systems
- Ability to lift 50+ lbs
- Reliable transportation to test sites across Central Texas
- Ability to travel within the US and internationally (up to 50% travel, depending on test schedule and locations)
- US Citizen
- Advanced technical writing skills
- Ability to understand and test complex aviation systems including software and hardware



### **Desired Skills**

- Prior experience with flight test, simulation, and data analysis
- Experienced with UAS flight control setup and tuning across multiple platforms
- The ability to create functional user documentation and test reports
- Advanced computer skills, including programming language proficiency
- Commercial pilot certificate
- Professional flight safety experience

### **You will learn**

- eVTOL aircraft systems
- Flight test/operations methodology
- The future of aviation
- Lean startup methodologies

### **Location**

For this job, it is **mandatory** that you work with us in Central Texas. Testing will be at a variety of locations throughout the United States and other countries. There is no remote work option for this listing. Relocation benefits possible.

### **Compensation**

Compensation commensurate with experience. Benefits include health, vision, dental, and 401(k).

### **Culture**

We are a group of positive aviation and vehicle enthusiasts. Colleagues are friendly, driven, and supportive. We seek to find similarly minded individuals.