



Top Flight Technologies (www.topflighttech.com) – the first commercial UAV manufacturer to utilize a hybrid-electric propulsion engine for extended flight and enhanced payloads is seeking a Flight Test Engineer to be part of its engineering team. We are looking for individuals that have core testing and problem-solving expertise, and that can work individually and on team project assignments. The work environment is centered on agile development, where designs are quickly tested, problems resolved, ideas improved, products built and tested. Candidates should have a passion for building innovative product solutions.

Yes, this is a well-funded startup; the work is demanding, but also interesting. You will be grasping new skills while working with other bright and energetic engineers and team members.

Essential Responsibilities/ Job Duties:

- Contribute to design and execution of test plans of mechanical/electromechanical systems and flight vehicles.
- Support aircraft flight operations, including but not limited to ground station operation, vehicle piloting and operation, as well as post-flight and pre-flight procedures
- Create and improve test plans, reporting and operations procedures
- Design and build test fixtures for testing and evaluating flight vehicle performance, as well as improve current test fixtures
- Support troubleshooting efforts and data analysis
- Travel as necessary to support vehicle testing

Required:

- Bachelor's degree in Mechanical Engineering, Aerospace Engineering or equivalent from an accredited university.
- 0-2 years of experience with robotics or complex electro/mechanical systems.
- 0-2 years of experience designing and executing test plans for robotics or flight systems
- A passion for flight!

Desired:

- Proficiency in data analysis and familiarity with common tools such as MATLAB, Octave, Python or similar
- Experience with unmanned systems (Fixed wing & VTOL platforms), flight controllers, power systems, sensors, navigation, communications, and RC based products.
- Experience designing, building and debugging electromechanical and robotics systems
- Experience in SolidWorks or other 3-D CAD software
- Experience with embedded software/systems
- Familiarity with Linux based systems
- Model R/C piloting experience preferred; candidate will be trained as a test pilot
- PX4 and QGC experience a plus

What's in it for you?

- Work side by side with a world-class technology and business leadership team that is defining new markets in the growing domain space of unmanned systems and where the solutions are recognized as industry leaders.
- Tremendous growth opportunity; competitive compensation package including base salary, stock options and benefits.

You must be authorized to work in the United States on a full-time basis for any employer.

PLEASE COMPLETE THE FLIGHT TEST ENGINEER SURVEY (next page) and send with resume to jobs@topflighttech.com for consideration.

No agencies please. No relocation.



Top Flight Technologies
Flight Test Engineer Job Application Survey

Name: _____

Email Address: _____

1. Please rate your abilities in the following areas:

	Excellent	Good	Fair	Poor	n/a
Robotics Testing or Design Experience					
Knowledge of Manned Aircraft Pilot Procedures and Regulations					
Knowledge of FAA UAS regulations					
R/C, FPV, or Multirotor Pilot Skill					
Familiarity with Multirotor or UAS design/building					
MATLAB/Octave/Python Experience					
CAD					
Teamwork					

2. What was one of your favorite projects in college and why?

3. Describe any familiarity or experience you may have regarding Piloting, whether manned aircraft, multirotor, fixed wing R/C, FPV, etc. (e.g. What flight modes are used? FPV Racing? Drone filming?)