



Flight Test Engineer

ABOUT MightyFly

At MightyFly, we are pioneering a revolution in the logistics industry via our autonomous hybrid eVTOL cargo aircraft. Our mission is to provide efficient, affordable and low emissions expedited deliveries to everyone.

Legacy logistics services are time and resource intensive. At MightyFly, you will have the opportunity to work on cutting edge technology to change that. We are building autonomous eVTOL aircraft with cargo capacity of 100 to 500 pounds and range of 600 miles. Our expedited delivery services aim to streamline B2B and B2G logistics, providing very efficient point-to-point deliveries to our customers. We will fundamentally transform how goods are moved around the globe.

Join the MightyFly team and help us change the world!

ABOUT THE ROLE

MightyFly is looking for an experienced Flight Test Engineer to join our team. This individual will be responsible for: designing and planning flight tests; ensuring the safe, timely, and accurate execution of the tests; analyzing and validating the results of the tests; and working with engineering teams to utilize the learnings gleaned from the tests. The Flight Test Engineer will work with members of all teams and will be a critical contributor to the success of the company. This person will also spend significant time working at test sites near Tracy, California, and potentially in other test sites across the United States.

WHAT YOU'LL DO

- Design and author ground and flight test plans for MightyFly's autonomous cargo aircraft
- Execute and support test operations, including vehicle instrumentation, and real-time data monitoring
- Implement procedures for the collection, storage, organization, and retrieval of flight test data
- Analyze post-flight data to evaluate system performance, identify anomalies, and provide design feedback
- Collaborate across engineering teams to integrate and validate hardware and software systems



- While working on site at test sites, ensure flight test activities are conducted in compliance with FAA, company, and safety protocols
- Contribute to modeling and simulation efforts and compare predictive models to real-world performance
- Support risk assessments and readiness reviews for each test phase
- Help with FAA documentation
- Help with aircraft maintenance

WHAT YOU'LL BRING

- Technical
 - 4+ years of experience in flight test or a related aerospace engineering role
 - Bachelor's degree in Aerospace, Mechanical, Electrical Engineering, or a related field
 - Strong understanding of aircraft systems and flight test methodologies, especially for large autonomous aircraft (over 55 pounds)
 - Proficiency with data acquisition and analysis tools (e.g., MATLAB, Python, etc.)
 - Familiarity with UAS regulatory frameworks (e.g. powered lift, Part 107, experimental certification, etc.)
- General
 - A personal drive to build systems from the ground up
 - A strong interest for tackling and solving complex problems
 - Self-directed with the ability to work and thrive in a dynamic and fast-paced environment
 - Comfortable working in dynamic, outdoor, and high-tempo flight test environments
- Planning & Partnering
 - Experience developing flight test plans, test cards, and instrumentation setups
 - Demonstrated ability to collaborate effectively with multidisciplinary engineering teams, pilots, and technicians
 - Excellent communication and documentation skills, especially for test results and regulatory compliance
- Nice to have
 - Master's degree in a relevant engineering field
 - 8+ years of experience in flight test, systems engineering, or aircraft integration, especially with VTOL or UAV systems
 - Experience supporting DOD programs or working with government flight test centers
 - Knowledge of flight safety processes and risk mitigation strategies
 - Experience with real-time telemetry, sensor fusion, or flight simulation tools
 - Private pilot license
 - Aircraft maintenance experience
 - Experience with towing and trailers

WHAT ELSE YOU NEED TO KNOW

MightyFly is only able to sponsor TN visas and H1B visa transfers for this position at the present time.

Equal opportunity:

MightyFly is an equal opportunity employer and prohibits discrimination and harassment of any type. We do not discriminate based upon race, religion, color, national origin, sex (including pregnancy, childbirth, reproductive health decisions, or related medical conditions), sexual orientation, gender identity, gender expression, age, status as a protected veteran, status as an individual with a disability, genetic information, political views or activity, or other applicable legally protected characteristics.

Diversity:

MightyFly values diversity and welcomes applications from those who are traditionally underrepresented in the tech industry. We are an international team, led by a female CEO.

Job Location:

- Bay Area. Work will be on site.

Culture:

- We are aviation and aerospace enthusiasts who believe the sky is *not* the limit.
- **Teamwork:** We believe that to achieve great results we need great teamwork.
- **Working hard:** Building reliable aviation and logistics products is really hard but also exciting, challenging, and rewarding.
- **Having fun:** We believe that hard work needs to be coupled with fun. We love hanging out beyond the workday, hosting team dinners, and organizing fun activities. We love the outdoors and outdoor sports. And of course, we love flying.
- **Celebrating wins large and small.**
- **Creativity.** We love and encourage creativity. The best ideas emerge when our working environment fosters out-of-the-box thinking.
- **Equity, inclusivity, and respect** for the diversity of life and work experiences that each individual brings to the team.
- **Transparency, honesty, and integrity.**

Benefits:

- Competitive health, dental, and vision insurance
- 401k Plan
- Commuter benefits
- Complementary in office meals and snacks
- Paid time off
- Stock option/equity plan

APPLY

Email a copy of your resume and a brief introduction about yourself to jobs@mightyfly.com.