



AVIONICS ENGINEER at VERDEGO AERO

VerdeGo Aero is an aircraft propulsion technology company committed to powering the highest performance electric aircraft of all sizes. The VerdeGo team is passionate about enabling hybrid-electric powerplants to create a next generation of flying machines. This is not an incremental change but rather the 3rd major revolution of aircraft propulsion in the 120-year history of powered flight, disrupting the industry in ways not seen since the advent of the jet engine 75 years ago. Innovations in propulsion always lead to step changes in aircraft design. Aircraft and missions that were previously only seen in Sci-Fi fiction like flying taxis and airliners that take off vertically are becoming a reality through environmentally friendly high performance hybrid systems. VerdeGo's hardware centric, reality bound philosophy has already delivered flight ready systems for R&D flight test applications. VerdeGo is one of the few companies in this technology space that has both product-based customer revenue and strategic investment. VerdeGo Aero's headquarters is at the "World's Most Famous Beach", in warm and relaxed Daytona Beach, Florida. Daytona Beach is the home of the Daytona 500 NASCAR race, bike weeks, jeep week and the collegial environment of the largest university focusing on aviation and aerospace, Embry-Riddle Aeronautical University.

AVIONICS ENGINEER

The avionics engineer will be part of a small nimble team with significant responsibility, autonomy, and authority. This team of passionate engineers will be creating the hybrid technologies for novel 3rd generation electrified aircraft propulsion systems. This position will work on hardware and software applications of the supervisory control systems overseeing the prime mover engine, the electric motor/generator and motor controller. The ability to adapt and learn new systems-level technology is critical.



Day-to-day activities may include deploying supervisory control algorithms, design and evaluation of electrical system stability, control deployment and validation, digital communications design, implementation and debugging and noise mitigation. Additional needs are the ability to provide correlation between the simulation of physical systems, hardware components and software. Communication skills include the ability to rapidly and accurately express complex concepts to colleague engineers and non-technical folks alike. VerdeGo is also looking for employees that are adaptable and flexible as we build technologies, product lines, and a world-class company in parallel.

RESPONSIBILITIES:

- To be able to work in small nimble teams of engineers.
- To be able to independently identify problems, apply critical thinking to develop first principles solutions, test solutions and evaluate outcomes with access to mentoring subject matter experts.
- To be able to pivot from project to project and adapt to constantly evolving technology environment.
- To be able to multi-task across several technology platforms.
- To be able to communicate complex concepts with both technical and non-technical colleagues.
- To be able to add to a positive workplace environment.
- To be able to work with all people...

MINIMUM QUALIFICATIONS:

- An accredited bachelor's degree in engineering, computer science, physics, or related discipline.
- Working knowledge of Matlab and Simulink.
- The ability to work hands-on, with test and measurement instrumentation such as voltmeters, oscilloscopes, and bus readers.
- The ability to work with ITAR information on cutting-edge projects.
- A desire to enable the next generation of novel aircraft.



EXTRA CREDIT TRAITS (you should have a couple and identify those):

- An accredited master's degree in engineering, computer science, physics, or related discipline.
- A working knowledge of LabView.
- System level experience with electric motors and motor controllers.
- Experience with digital data buses such as CAN and ARINC.
- Programming experience in C++, Python, Java, and other object-oriented languages.
- Experience with certification of aviation products; software and hardware.
- Experience with DO-178 and/or DO-254 requirements.
- FAA ratings to include DER, Pilot and/or Mechanic.

EXPECTED TRAITS AFTER SIX MONTHS

- The ability to envision the future of hybrid aircraft propulsion systems in your purview and to apply historical lessons learned while not being tethered to the past.
- The ability to work with an independent spirit in a small team with access to mentoring of subject matter experts.
- An excellent interpersonal relationship with team members and team leaders.
- The desire and ability to contribute significantly to solving complex problems.
- The capability to add to the company vision for what hybrid-electric power can do for the aerospace industry.

WE ARE REDEFINING HYBRID ELECTRIC PROPULSION

Some of our competitive benefits package includes:

- The option to participate in VerdeGo Aero's stock options program
- Medical, dental, and vision insurance
- Three weeks of vacation for newly hired employees
- Generous 401(k) plan that includes employer matching funds
- Birth, adoption, parental leave benefits
- And more!



Nothing matters more to VerdeGo Aero than our strong ethical and safety commitments. As such, all U.S. positions require a background check, which may include a drug screen.

Note:

- Background check and drug screen required (every external new hire in the U.S.)
- Drug Screen only performed on re-hires who have been gone for more than 1 year

ITAR Requirements

- To conform with International Traffic in Arms Regulations (ITAR), you must be a U.S. citizen or a lawful permanent resident of the U.S., protected individual as defined by 8 U.S.C. 1324b(a)(3), or actively working towards obtaining the required authorizations from the U.S. Department of State.

Apply now and be part of the team that's powering the electric flight revolution!

VerdeGo Aero, Inc. is An Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or veteran status, age, or any other federally protected class.

Send Resumes and Application Inquiries to:

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