



Mechanical Hardware Engineer – On Site

29 DEC 2023

Aerovel is seeking an experienced Mechanical Engineer to join our team on-site in Bingen, WA developing and manufacturing the next generation of long-range robotic aircraft. Aerovel is led by the aeronautical veterans who invented and developed the Group 2 small tactical unmanned aerial system (STUAS), a backbone of US military and allied intelligence, surveillance, target acquisition and reconnaissance (ISTAR) missions worldwide. The Group 2 UAS systems have contributed significantly to the effectiveness of US and allied troops as well as their safety and security. Aerovel Flexrotor is the most advanced STUAS with vertical take-off and landing (VTOL). It is designed for the demanding reliability and specifications required by the US Department of Defense (DOD) while being affordable for commercial applications.

Aerovel offers competitive compensation and benefits including health insurance, and 401k.

JOB DESCRIPTION

- Engineer, analyze, and test complex systems
- Component-level design of mechanisms including tolerance analysis
- Engage in all phases of the engine development cycle
- Design tools and fixtures for efficient manufacturing
- Evaluate problems then develop and test solutions with a hands on approach
- Build and assemble working prototypes with proficient use of machine and shop tools
- Play an active role in product, cost and process improvements

QUALIFICATIONS

- Bachelor's degree and 5 or more years' relevant experience in mechanical engineering or similar accredited degree program, or a Master's degree with 3 or more years experience.
- Experience with SolidWorks including surfacing, assemblies, and PDM
- Experience designing tooling and fixtures for carbon composite assembly manufacturing
- Experience managing relationships with outside vendors that provide machining, composite, and rapid prototype services
- Mechatronics/robotics/control system experience
- Experience with production manufacturing techniques for aerospace
- Experience generating production documentation based on designs personally overseen
- Experience training and working with production staff to produce parts to requirement
- Candidate must possess strong organizational skills
- Highly motivated individual with strong communication, interpersonal, and problem solving skills
- Able to interact professionally with internal and external customers, subcontractors, and suppliers

WEBSITE

- aerovel.com

If you have what it takes to do groundbreaking work with unmanned aerial systems, please send your resume and cover letter to jobs@aerovel.com

Aerovel is committed to a diverse workforce. As an Equal Opportunity Employer we provide equal opportunity to all persons, regardless of race, religion, age, gender, disability, status as a protected veteran, national origin, color, or any other classification in accordance with federal, state, and local statutes, regulations and ordinances. Veterans are encouraged to self-identify as Aerovel desires to provide protected veterans priority referrals for open positions. Aerovel complies with all laws and regulations associated with the Family Medical Leave Act (FMLA).