Job Title: Aerospace Engineer
Department: Engineering
Reports To: Director of Engineering

Compensation: Competitive Salary
Eligible for company benefits and other compensation in accordance with company policy.

Job Summary:

We are seeking a driven Aerospace Engineer to support the design, analysis, and FAA certification of aircraft modifications across Part 23, 25, 27, and 29 aircraft. This role is ideal for candidates who want exposure to real-world aircraft systems, certification processes, and cross-functional engineering work.

Duties/Responsibilities:

- Support FAA STC, ATC, and major alteration programs from concept through approval.
- Develop and review engineering drawings, reports, and certification documents.
- Contribute to aircraft and system-level design solutions (mechanical, structural, and/or electrical).
- Interface with FAA representatives, DERs, customers, and internal teams.
- Ensure compliance with FAA regulations, Advisory Circulars, and certification requirements.
- Provide engineering support for installation, testing, and troubleshooting activities.
- Manage multiple projects and priorities in a deadline-driven environment.
- Identify and implement process improvements to enhance efficiency and quality.
- Travel up to 20% as needed.

Required Skills and Qualifications:

- Bachelor's degree in Aerospace, Mechanical, or related Engineering field (or equivalent experience).
- 0–5 years of aerospace, aircraft, or mechanical engineering experience.
- Experience with CAD tools (SolidWorks, AutoCAD, or similar).
- Strong problem-solving, analytical, and organizational skills.
- Excellent written and verbal communication skills.
- Strong documentation and record-keeping skills.
- Ability to work both independently and within a team.

Preferred Skills and Qualifications:

- Experience with aircraft electrical systems (wiring, schematics, load analysis) and/or structural design/modifications.
- Familiarity with FAA certification processes (STC, PMA, Part 23/25/27/29).
- Knowledge of FAA regulations, Orders, and Advisory Circulars.
- Familiarity with FAA regulations and requirements applicable to aircraft parts, PMA, and quality systems.
- Experience in aircraft modification, MRO, or certification environments.
- Exposure to DO-160, DO-178, and/or DO-254 standards.

Application Process: Interested candidates are encouraged to apply by submitting an application, resume and any relevant certifications to careers@sterlinghelicopter.com with the subject line "Aerospace Engineer – Bluffton, SC". Qualified applicants will be contacted to discuss their experience and schedule an interview.

We thank all applicants for their interest; however, only those selected for further consideration will be contacted.