

Sustaining Engineer

Job Brief

Van's Aircraft has an open position for a sustaining engineer. We are looking for an applicant with a passionate interest in the kit aircraft industry. The person in this position will primarily be responsible for solving the wide variety of challenges that arise in the existing fleet of aircraft. He or she will also assist in design and implementation of safety-related improvements for future and existing aircraft.

Responsibilities

- Solve structural issues related to construction error, aircraft abuse and fatigue.
- Generate documentation to communicate service information to customers. Facilitate updates to existing kit instructions related to structural upgrades or safety improvements.
- Assist the engineering design team as workload allows.

Requirements

- Excellent communication and interpersonal skills.
- Applicant must work well in a group, individually and as a team leader. He or she must be self-motivated and able to work successfully with little supervision.
- Possess an aeronautical or mechanical engineering degree.
- A background in aircraft loads, structural design and repair; entry-level candidates should have had an educational focus in structural engineering.
- Experience with FEA as related to structural and fatigue analysis.
- Proficiency with CAD software is required – ideally SolidWorks and AutoCAD.
- Ability to translate complex technical concepts and procedures into understandable instructions for assembly personnel using drawings, images and text.
- Thrives in a fast-paced work environment with high expectations and significantly diverse assignments in a collaborative/team setting.
- Proven ability to handle multiple projects simultaneously, with an eye for prioritization.
- Hands-on mechanical experience (aircraft maintenance preferred).

Preferred

- An interest in aviation, experience working in the aircraft industry.
- Pilot license or interest in becoming a pilot.
- Experience building kit aircraft, ideally an RV aircraft.



VAN'S AIRCRAFT
TOTAL PERFORMANCE

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Van's Aircraft is a small company. As such, the successful applicant will be flexible in his/her role and may participate at times in various aspects of the design process including design, drafting, technical writing, hands on fabrication/assembly, testing, troubleshooting and any other duties necessary to get the job done.

Compensation and benefits include salary, 401K, health insurance coverage, an employee stock ownership plan (ESOP) and access to an employee flying club.

Compensation will be commensurate with experience. Candidates of all levels are invited to apply. An aptitude to adapt and learn will be a key criterion for success in this role.

If you'd like to work for the best kit aircraft manufacturer in the world, email a copy of your resume with a cover letter and tell us why you're the best person for the job. Please include "Sustaining Engineer Candidate" in the subject line and send your email to: jobs@vansaircraft.com. No phone calls, please.