Senior Engineer - Aircraft Systems

Advent Aircraft Systems, Inc. is an established engineering and manufacturing company with a diversified aerospace customer base, a positive and professional working environment and modern facilities.

Job Description

We are looking for a senior engineer with system design and integration experience to assist the Vice President - Engineering and Programs with implementing and managing programs from definition through certification. The attributes that we are looking for are:

Technical Skills

- Demonstrated experience in architecting mechanical systems and controls.
- Mechanical, hydraulic and pneumatic systems.
- Design of aircraft system installations.
- Cockpit controls, system logic, simple DC electrical circuits.
- Designing and setting up system bench tests.
- Calculating system performance and component sizing.
- Drafting component specifications.
- Flight test engineering, planning and data acquisition systems.
- Writing certification reports, including System Safety Assessments.
- SolidWorks experience.

Business Management Skills

- Program scheduling and resource planning
- Business plans and Proposals
- Program cost estimating
- Supplier negotiations and management
- Professional presentations
- Use of Microsoft Office applications.

This person needs to be a self-sufficient, innovative tinkerer, who has knowledge and respect for technical and aerospace standards. A person with most of these skills will work because we can assist and train in any areas of weakness.

This is a highly compensated position that will require living and working in Tulsa, OK. Advent Aircraft Systems, Inc. offers generous medical, dental, vision, life and disability insurance and 401(k) benefits and an energetic, small business workplace environment.

Qualified candidates with a serious interest in this position should send an expression of interest and a resume with salary expectations to DeptHR@aircraftsystems.aero.