

Structural Engineer

PCI Aviation is seeking a Structural Engineer. This position will be located in Warner Robins, GA and will support the C-130 Engineering Support program.

As a full-time employee of PCI Aviation, you are eligible for our robust benefits package including:

- Medical, Dental & Vision coverage
- 401k
- Educational Assistance
- Life and Disability Insurance
- Vacation and Sick Leave Paid Time Off
- Holidays
- This position's standard work schedule is a 5/8 schedule.
- This position may require travel 25% of the time.

DUTIES AND RESPONSIBILITIES

- Identify engineering issues that do, and do not, affect safety.
- Interpret Technical Orders and aircraft mechanical modification drawings and designs from various OEMs and in various formats.
- Generate Engineering Orders (E.O.s) and drawing redlines that document changes made on the production floor, while strictly adhering to the existing Data Management (DM), and configuration management processes.
- Design and development of mechanical, structural, pneumatic, and mechanical systems for new aircraft modifications, and proficient in the use of USAF program JEDMICS (Joint Engineering Data Management Information and Control System)
- Develop aircraft modification drawing packages in compliance with ASME Y14.100.
- Develop technical reports, and comprehensive and accurate technical documents.
- Develop cost estimates for, mechanical, structural, and pneumatic design and for manufacturing aircraft modifications.

QUALIFICATIONS

- BS and/or MS in Mechanical/ Aerospace Engineering, Physics, or Mathematics from an Accreditation Board for Engineering and Technology, Inc. (ABET) accredited school.
- A minimum of 10 years of experience with
- Progressive ME/AE aircraft experience working in a design engineering staff environment and/or production engineering environment and have the capability to make real-time engineering decisions as issues occur on the production floor, while ensuring that safety, certification, and configuration control is maintained.
- Knowledge of the Mechanical Engineering aspects of the operation, integration, and installation design of aircraft hydraulic, pneumatic, and mechanical systems on fixed and rotary wing aircraft.
- Experienced in performing structural analysis, and have an understanding of aircraft structural properties, in new or modified aircraft, including navigation, cargo, and engine system design requirements.
- In-depth knowledge in the development of technical reports, and the ability to develop comprehensive and accurate technical data documents.
- Ability to interpret input for Air Force Technical Data Packages, Technical Orders and aircraft mechanical modification drawings and designs from various OEMs and in various formats.
- Specific experience in support Air Force contracts and equipment.
- Must possess organizational and time management skills.

- Other duties as assigned.
- Valid driver's license.

REQUIRED CERTIFICATION(S): E.I.T.

TRAVEL: 25%

SECURITY REQUIREMENTS:

Active Secret Clearance Required

Equal Opportunity Notices

- PCIA is an Equal Opportunity/Affirmative Action Employer. Except as allowed by law, PCIA evaluates qualified applicants without regard to race, age, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, physical or mental disability, genetic factors, veteran status, and other protected characteristics EOE/AA/M/F/D/V.
- Equal Opportunity Employer/Protected Veterans/Individuals with Disabilities.
- Please view Equal Employment Opportunity Posters provided by OFCCP [here](#).
- PCIA will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. However, employees who have access to the compensation information of other employees or applicants as a part of their essential job functions cannot disclose the pay of other employees or applicants to individuals who do not otherwise have access to compensation information, unless the disclosure is (a) in response to a formal complaint or charge, (b) in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or (c) consistent with the contractor's legal duty to furnish information. 41 CFR 60-1.35(c) PCIA is owned (directly or indirectly) by a federally recognized Indian tribe. Therefore, in accordance with federal law and regulation, PCIA may give preference to Indians with regard to positions on or near an Indian reservation.

C.I.E.D.A. HR Department 100 Brookwood Road, Atmore, AL 36502

Phone: (251) 368-0819 Fax: (251) 446-7018 Office Hrs. 7:30 am – 4:00 pm

Apply online www.CIEJobs.com Email: HR@pcicie.com

www.PCIAviation.com

Complaints about the recruitment or selection process for employment should be directed in writing to the office of the President/CEO of PCI Aviation