

TITLE:	Electrical Engineer 1		
FULL PART-TIME:	Full Time		
PERMANENT/TEMP:	Permanent	CITY:	Atmore
COUNTY:	Escambia	STATE:	AL
COUNTRY:	US	EXEMPT:	Yes

KEY EMPLOYEE STATUS

The Electrical Engineer 1 is not designated as a Key Employee.

REPORTING RELATIONSHIP

The Electrical Engineer 1 reports to the Senior Engineer.

DUTIES AND RESPONSIBILITIES

- Researches, develops, designs, tests, and evaluates electrical components, equipment, and systems, applying principles and techniques of electrical engineering related to USAF aircraft and electrical/avionic systems
- Performs analyses such as electrical load analyses for aircraft modification purposes
- Assists other engineers developing Acceptance Test Plans, aircraft system test plans, EMI/EMC source-victim tests, and other plans and reports after testing is completed
- Supports on-site installation of modified systems during prototyping phases
- Supports design review meetings and helps senior engineers prepare and respond to inputs and customer-driven changes due to such meetings
- Develops engineering source data including instructions, diagrams, and schematics for technical publications such as maintenance, installation, and operation technical manuals
- Helps design and develop test control apparatus and equipment
- Determines system and subsystem interaction with related aircraft systems
- Researches and provides inputs for methods, procedures, and conditions for testing installed systems and subsystems components
- May support installation, test, and operation of equipment and systems in field installations
- Will use computer-assisted engineering and design software and equipment to perform engineering tasks.

QUALIFICATIONS

- Bachelor's Degree (BSEE) Required
- At least 1 Year experience with specialized software training in:
 - SolidWorks, AutoCAD, CATIA Design software
 - Electrical system modeling software (LabView, PSPICE, ORCAD)

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Ecke HR Department 100 Brookwood Road, Atmore, AL 36502

Phone (251) 368—0819

- Aircraft modification background is a plus
- Familiar with MS Office Suite
- Effective written and oral communication skills

TRAVEL:

Must be able to travel (10%)

REMOTE:

This position is located at the PCI Aviation Corporate Office and is not a remote or work-from-home position; however, travel may be required.

SECURITY REQUIREMENTS:

Must be able to obtain and maintain a security clearance at the contract required level. US Citizenship is required for clearance.

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.
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