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OKLAHOMA AIR NATIONAL GUARD
ACTIVE GUARD RESERVE (AGR)
TOUR VACANCY ANNOUNCEMENT # 69-26

AIRCRAFT ELECTRICIAN

OPEN DATE: 13 JULY 2026	CLOSING DATE: 28 JULY 2026
UNIT/DUTY LOCATION: 138 FW, TULSA, OK	COMPATIBLE AFSC: 2A6X6
MINIMUM GRADE: E-1	MAX GRADE: E-5
OPEN TO MEMBERS OF THE 138 FW	RETRAINING AVAILABLE: NO

BRIEF DESCRIPTION OF DUTIES: Performs functional tests, analyzes performance and troubleshoots the electronic, electrical, hydraulic, pneumatic and mechanical functions of the subsystems integrated into the digital brake/antiskid system, maintenance annunciation panel (MAP) system of the integrated main generator, standby generator, emergency generator, flight control power, AC/DC power distribution and sub-systems integrated into the electronic/electrical and environmental systems. Interprets analog and digital operational and output characteristics and results from the Maintenance Annunciation Panel (M.A.P.), onboard computers, aircrew debriefings and specialized test equipment. The electrical system includes the electrical power generation and distribution system, the fire detection and extinguishing system, the ice and rain protection system, the landing gear system, the interior and exterior lighting system, the oxygen generation and distribution system, and the auxiliary power system. The environmental system includes compression, distribution, pressurization, heating, cooling, temperature control, moisture/air contamination control, and liquid cooling requirements.

Removes, repairs, calibrates, installs, aligns, inspects, and conducts operational performance checkouts on the components of the electronic/electrical and environmental systems. Analyzes malfunctions using schematics, logic and wiring diagrams, computer data, and factory drawings. Diagnoses circuit operating characteristics using on-board computer, special test equipment and laptop computers to isolate problems to the failing component. Removes and replaces components or assemblies down to the lowest level authorized by depot. Performs organizational and intermediate level maintenance modifications as required. Performs recurring inspections and system tests of the life support and the electronic/electrical and environmental system to certify aircraft are ready for flight. Modifies and updates electrical and environmental support equipment according to applicable technical publications. Maintains and operates various types of test equipment such as oscilloscopes, diagnostic computers, digital and analog multi-meters, constant speed drive test stands, voltmeters, ammeters, etc. Performs precise and advanced wiring maintenance procedures on aircraft. Utilizes computer data and specialized test equipment to interpret equipment analog/digital operational characteristics to isolate malfunctions in the appropriate sub-systems. Interprets electronic terms and symbols, and applies a variety of electronic formulas, tables and charts in order to perform fault isolation and repairs to systems and sub-systems, such as the 1553 data bus's, BUS Interface Unit (BIU), BUS Adapter Unit (BAU), F-16 Electrical Multiplexing System (EMUX), the C130J Enhanced Cargo Handling/Air Delivery System (ECHS/ADS) and the F-15 Engine Modification from the PW100-200 to the PW100-220 which incorporates a Digital Electronic Engine Control (DEEC).

Provides technical guidance, advice and/or assistance to other work centers on the interrelationship of electronic/electrical and environmental systems and their respective system, to include flight controls, offensive fire control radar, weapon release, communications, hydraulic, fuel, engine and egress.

Processes and accounts for supply assets in the repairable processing system to maintain aircraft records, inspection records, and equipment maintenance in computer systems (CAMS). Documents maintenance actions and man-hour expenditures on maintenance forms and computer systems. Clears Red X symbols on maintenance forms as authorized, and performs electronic/electrical and environmental system debriefing of aircrews. Recommends methods (AFTO Form 22) to improve equipment performance and maintenance procedures, i.e., data corrections to correct software or technical order deficiencies. Processes and accounts for due-in-from maintenance (DIFM) supply assets. Documents maintenance repair actions, man-hour accounting, maintenance forms, and computer systems. Maintains historical data of repaired components, Line Replaceable Units (LRUs) and test equipment.

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Inspects, tests and performs operative maintenance on cryogenic and gaseous oxygen and nitrogen servicing equipment. Is able to provide a thorough inspection of the complete electronic/electrical and environmental, and other systems, of the aircraft during special and phase inspections.

Provides on-the-job training to lower grade personnel concerning repair of the electronic/electrical and environmental equipment, aircraft system line replaceable units (LRUs), and aircraft electrical/environmental systems. Also provides on-the-job training (OJT) for newly assigned personnel.

Prepares for and participates in various types of readiness evaluations such as Operational Readiness inspections (ORI), Inspector General (IG) inspections, Unit Effectiveness Inspections and mobility and command support exercises. May be required to perform additional duties such as aircraft crew chief, hydrazine response, aircraft or equipment decontamination, structural fire fighting, aircraft fire/crash/rescue duty, security guard, snow removal, munitions loading and handling, heavy equipment operator, maintenance of facilities and equipment, or serve as a member of a team to assist local authorities with natural disasters or civil emergencies.

Complies with safety, fire, security, and housekeeping regulations. Ensures that material, equipment and components are properly stored, protected and maintained. Performs other duties as assigned.

LENGTH OF TOUR: Initial tours will not exceed 3 years and constitute the Probationary Period. Follow-on tour will not exceed six years and will not be extended beyond an enlisted Airman's Expiration Term of Service (ETS) or an Officer's Mandatory Separation date (MSD).

BASIC QUALIFICATIONS REQUIRED: In accordance with ANGI 36-101, *Air National Guard Active Guard Reserve (AGR) Program*, Para 12.2. Eligibility for AGR Tours: Individuals selected for AGR tours must meet the Preventative Health Assessment (PHA)/physical qualifications outlined in DAFI 48-123, Medical Examination and Standards. They must also be current in all Individual Medical Readiness (IMR) requirements to include immunizations. RCPHA/PHA and dental must be conducted not more than 12 months prior to entry on AGR duty and an HIV test must be completed not more than six months prior to the start date of the AGR tour. Individuals transferring from Title 10 (Regular Air Force or Reserve Component Title 10 Statutory Tour) are not required to have a new physical unless the previous physical is over 12 months old at time of entry into AGR status. IAW DAFI 48-123 para 11.10.2.1 applicants with a concurrent AGR assignment must have a current PHA on file. AGRs must have a current favorable adjudicated personnel security investigation that is commensurate with their currently assigned AFSC. Airmen must meet the minimum requirements for each fitness component in addition to scoring an overall composite of 75 or higher for entry into the AGR program. Individuals on a DD Form 469, Duty Limiting Condition Report at the time of AGR physical package evaluation will not be deemed medically qualified. Individuals may apply for AGR tours as long as they meet the aforementioned requirement and subsequently are medically cleared off any DLC/medical profile prior to starting a new AGR tour. An initial AGR order will not be published prior to ensuring the selected applicant is off any duty limitations before starting their AGR tour. Application packets will be qualified based upon requirements listed in ANGI 36-101, *Air National Guard Active Guard Reserve (AGR) Program*, The Air Force Enlisted/Officer Classification Directory and eligibility requirements listed on this announcement. **Members will process through the AGR Continuation Board when serving on an initial AGR tour.**

PAY & ALLOWANCES/MAJOR BENEFITS: AGR personnel receive Base Pay, Basic Allowance for Subsistence, Basic Allowance for Housing; Full medical care in military treatment facilities for AGR member and partial medical care and TRICARE benefits for dependents of AGR member. All AGR personnel are required to participate in electronic funds transfer (EFT) for all payments as a condition of employment per PL 104-134, 26 July 1996, The Debt Collection Improvement Act of 1996.

ADDITIONAL INFORMATION: **When max grade is listed as: E-8, E-9, O-4 – O-6, grade availability is dependent upon state control grade availability.** Enlisted applicant's military grade cannot exceed the maximum military grade authorized. Over grade enlisted applicant must indicate, in writing, the willingness to be administratively reduced in grade when assigned to the position. Persons eligible for or receiving a federal retirement annuity are not eligible to apply. Restoration rights for Federal employees accepting AGR tours will be in accordance with Chapter 353, Federal Personnel Manual. AGR personnel are subject to the Oklahoma Code of Military Justice (OCMJ). AGR personnel are protected by Title VI, Civil Rights Act of 1964.

APPLICATION INSTRUCTIONS: Applications must be sent electronically by email to: trinity.fleur@us.af.mil. **Failure to submit all required documents as outlined below will result in your application not being considered for employment.** IAW ANGI 36-101, all applicants must submit:

1. NGB Form 34-1, *Application for Active Guard Reserve (AGR) Position*.
2. Current Virtual MPF RIP (within 30days).

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3. Most recent *Fitness History Report* from myFitness.
4. AF FORM 422 Must be DATED within 6 months of the application.
5. Resume Detailing Experience (Optional).

Please upload all documents, in the order as listed above, as one (1) pdf. Portfolio formats are accepted. The file and email subject line should read as: AGR Application: LastName, FirstName,VA#, JobTitle
EXAMPLE: **AGR Application Doe, John, 01-25, Crew Chief**

How to combine/merge a PDF:

1. Click Tools
2. Click Combine Files
3. Drag and drop your PDFs into the PDF combiner.
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4. Click Create PDF Portfolio and Next
3. Drag and drop your PDFs into the PDF combiner.
4. Rearrange individual pages or entire files in the desired order.
6. Click 'Create!' to combine and download your PDF

If you have any questions, please contact SMSgt Trinity Fleur at 572-247-5255.