

Job Announcement Number

NE-12609092-AF-25-011

Overview

Job Title ELECTRONIC INTEGRATED SYSTEMS MECHANIC	Department Department of the Air Force
Agency Air National Guard Units	Hiring Organization N/A
Open & Closing Dates 11/13/2024 to 09/26/2025	Application Count N/A
Salary \$33.06 to \$40.44 Per Hour; Announcement is Open until Filled; First review will be 4 DEC 2024, with a review every 7 days thereafter if needed.	Pay Scale & Grade WG-12-13
Locations Lincoln, Nebraska	Remote Job No
Telework Eligible Yes - as determined by the agency policy.	Travel Required Occasional travel - You may be expected to travel for this position.
Relocation Expenses Reimbursed No	Appointment Type Temporary
Work Schedule Full-time	Service Excepted
Promotion Potential 13	Job Family (Series) 2610 - Electronic Integrated Systems Mechanic
Supervisory Status No	Security Clearance Secret
Drug Test No	Position Sensitivity And Risk Non-sensitive (NS)/Low Risk
Trust Determination Process Suitability/Fitness	Financial Disclosure No
Bargaining Unit Status No	

Summary

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This National Guard position is for a ELECTRONIC INTEGRATED SYSTEMS MECHANIC, Position Description Number D2325000/WG12; D2240P01/WG13and is part of 155 MXS Nebraska Air National Guard.

INDEFINITE EMPLOYMENT IS TEMPORARY IN NATURE AND WILL LAST MORE THAN ONE YEAR BUT NO MORE THAN SIX YEARS. BENEFITS ARE THE SAME AS A PERMANENT APPOINTMENT. MAY CONVERT TO PERMANENT WITHOUT FURTHER COMPETITION.

Learn More About This Agency

Marketing Message

The National Guard is the oldest component of the Armed Forces of the United States. Since the earliest American colonial days, citizens have joined together for collective defense. We have a proud tradition of coming to the aid of our friends and neighbors in times of serious emergencies. Join our National Guard team and serve your nation, your states and your community!

Marketing Link

<http://ne.ng.mil/Pages/Home.aspx>

This Job Is Open To

Hiring Paths

Internal to an agency - appears on USAJOBS, National Guard & Reserves

11/14/2024 9:14 EST

Hiring Paths Clarification Text

Nebraska National Guard Area 1, 2 and 3 applicants

Videos

Marketing Video Link 1

N/A

Marketing Video Link 2

N/A

Duties

Duties

As a ELECTRONIC INTEGRATED SYSTEMS MECHANIC, WG-2610-12/13, duties include:

1. Performs scheduled and unscheduled maintenance on one or more multi-complex electronic integrated systems. Completes operational checks, inspections, tests, trouble shooting, removal and replacement of Line Replaceable Units (LRUs) which are linked with integrated systems and LRUs which are independent or associated with nonintegrated systems. Isolates unusual malfunctions using technical orders, schematics, wiring diagrams, tools, and test equipment including automatic test equipment and Flight Line Test Systems (FLTS). Solves complex problems by analyzing installation, circuitry, and operating characteristics of the systems. Adjusts and aligns system sensors, transmitters, amplifiers, power supplies, display devices, controls, transponders, actuators, servos, computers and other related components. Installs serviceable components into aircraft and performs total systems alignment and harmonization in accordance with existing technical orders and directives. Accomplishes technical order compliances, modification of components/systems and completes thorough system checks for proper operation. Maintains, modifies, calibrates and inspects a wide variety of user test, measurement, and diagnostic equipment (TMDE). Installs, modifies, overhauls, maintains, troubleshoots, repairs, rebuilds, aligns, and calibrates complete electronic avionics multi-systems control. Demonstrates a thorough working knowledge of complex aircraft avionics and or ECM systems such as the electronics package in a highly automated aircraft where the integrated flight and Integrated Countermeasures System, electronic multiplex communications bus, Inertial Navigation System, multi-function displays, head-up display, data transfer equipment, Global Positioning System, Situation Awareness Data-Link (SADL), Data Modem, Flight Control System, pitot-static system and related instrumentation, flight director instrumentation, Central Air Data Computer, engine, hydraulic and fuel quantity indicating systems, voice message warning, VHF, UHF, SATCOM Data, intercom, secure voice communications, Identification Friend or Foe (IFF), and Tactical Air Navigation System (TACAN). Evaluates operational characteristics of the integrated systems by observing and analyzing waveforms, voltage, current, power indications, computer registers and printouts. Analyzes the malfunctions encountered through fault codes, determines repair sequence process and performs the repairs.

2. Reviews and analyzes maintenance data; determines if criteria are sufficient to provide adequate test, troubleshooting and repair procedures; devises and recommends tests, procedural changes, or data corrections. Aligns, adjusts, and performs final calibrations on integrated systems to determine successful repairs. Analyzes equipment failure and malfunctions and suggests changes to improve operation. Monitors the operation of complex, interrelated systems, analyzes operating trends, proposes preventative maintenance down time to assure continued operating capability, and recommends components for overhaul or engineering evaluation for disposal. Applies technical data and equipment specifications to determine the impact that equipment modifications or substitutions will have upon integrated multi-system operations and various maintenance alignment procedures. Uses algebraic and trigonometric functions to adapt standard formulas to the specific requirements of the integrated system. Installs, operates, and repairs prototype or experimental electronic systems such as inertial navigation, automatic flight control as assigned. Advises Aerospace Engineering personnel on the operation and maintenance effects of proposed Time Compliance Technical Orders (TCTO) modifications on new or existing equipment. Interacts directly with aircrews for mission/sortie debrief and enhanced system troubleshooting.

3. Troubleshoots operational malfunctions and analyzes system performance utilizing aircrew debrief data, Technical Orders, schematic and wiring diagrams, engineering drawings, data analysis, common and system-specific test equipment and built in system tests. Performs on and off-equipment maintenance on systems such as automatic flight control, instruments, communication, navigation, and inertial navigation. Coordinates back shop bench check (if applicable, completes testing, repair, inspection, modification, programming, reprogramming, mating, adjusting, alignment, and analyzing of LRUs and shop replaceable units (SRUs).

Performs other duties as assigned.

Requirements

Conditions Of Employment

Military membership in the Nebraska National Guard Membership is required.

Males born after 31 December 1959 must be registered for Selective Service.

Obtain/maintain the level of security clearance/background check required.

May be required to successfully complete a probationary period.

Direct Deposit is mandatory.

Individuals with military incentive bonuses may be subject to recoupment.

Qualifications

MILITARY REQUIREMENTS:

Compatible military grade and assignment required prior to the effective date of placement. This is an excepted service position that requires membership in a compatible military assignment in the Nebraska Air National Guard. Applicants who are not currently a member of the National Guard must be eligible for immediate membership. If you are not sure you are eligible for military membership, please contact a National Guard recruiter prior to applying for this position.

Military Grades: Maximum: E6; Minimum: E3; Military Grade inversion within the full time work forces is not permitted. The military grade of the full time supervisor must equal or exceed the military grade of the personnel supervised.

Compatibility will be followed in accordance with 32 USC 709(b) and 10 USC 10216

Compatibility requirements must be met prior to appointment to the position. Selectee has 24 months to become qualified in a compatible military assignment.

GENERAL EXPERIENCE: An applicant must have a validated understanding of the basic principles and concepts of the occupational series and grade.

SPECIALIZED EXPERIENCE:

WG13-The applicant must have at least 12 months of specialized experiences working as an Electronic Integrated Systems Mechanic, WG-2610-12, and must possess the craftsman level of knowledge and skills to install, modify, overhaul, maintain, troubleshoot, repair, align, calibrate, and rebuild multi-system avionics complexes consisting of multiple completely integrated electronic avionics systems where the complex accomplishes a number of major functions. Experienced in performing scheduled and unscheduled maintenance on one or more multicomplex electronic integrated systems. Experiences included completing operational checks, inspections, tests, trouble shooting, removal and replacement of line replaceable units which are linked with integrated systems and line-replaceable-units which are independent or associated with nonintegrated systems. Must have skilled capabilities of isolating unusual malfunctions using technical orders, schematics, wiring diagrams, tools, and test equipment including automatic test equipment and flight line test systems. Skilled in solving complex problems by analyzing installation, circuitry, and operating characteristics of the systems. Experiences involved adjusting and aligning system sensors, transmitters, amplifiers, power supplies, display devices, controls, transponders, actuators, servos, computers and other related components. Skilled in maintaining, modifying, calibrating, and inspecting a wide variety of user test, measurement, and diagnostic equipment. Experienced in performing installations, modifications, overhauling, maintaining, troubleshooting, repairing, rebuilding, aligning, and calibrating complete electronic avionics multi-system controls. Must have a thorough working knowledge of complex aircraft avionics or electronic circuit maintenance systems such as, the electronics package in highly automated aircraft where the integrated flight system, electronic multiplex communications bus, inertial navigation system, multi-function displays, data transfer equipment, global positioning system, flight control system, pitot-static system and related instrumentation, flight director instrumentation, central air data computer, engine, hydraulic and fuel quantity indicating systems, voice message warning, various modes of data, intercom, secure voice communications, identification friend or foe, and tactical air navigation system. Experienced in evaluating operational characteristics of the integrated systems by observing and analyzing waveforms, voltage, current, power indications, computer registers and printouts. Experiences involved reviewing and analyzing maintenance data; determines if criteria are sufficient to provide adequate test, troubleshooting and repair procedures; devises and recommends tests, procedural changes, or data corrections. Skilled in performing alignments, adjustments, and conducting final calibrations on integrated systems to determine successful repairs. Experienced in monitoring the operations of complex, inter-related systems, analyzing operating trends, and proposing preventative maintenance down time. Competent in using algebraic and trigonometric functions to adapt standard formulas to the specific requirements of the integrated system. Experiences involved the installation, operation, and repair work on prototypes or experimental electronic systems such as, inertial navigation or automatic flight control.

WG12- Must have at least a three-skill level in one of the compatible PAFSCs, with 12 months of work experience or compatible aircraft maintenance/armament/munitions craftsman (or seven skill level), and required ASVAB scores required by FWS 2610 PAFSC and be able to successfully complete formal training that will result in the award of a compatible Five Skill Level AFSC. Experiences involved installing, modifying, overhauling, maintaining, troubleshooting, repairing, aligning, calibrating, and rebuilding multi-system avionics complexes consisting of multiple completely integrated electronic avionics systems where the complex accomplishes a number of major functions. Skilled in performing on-or-off equipment maintenance on one or more complete electronic integrated systems associated with the assigned aircraft and/or maintenance on automatic flight control systems, instrument systems, inertial or radar navigation systems. Experiences included performing scheduled and unscheduled maintenance on one or more multi-complex electronic integrated systems. Skilled in conducting operational checks, inspections, tests, trouble shooting, removal and replacement of line replaceable units. Capable of isolating unusual malfunctions by using technical orders, schematics, wiring diagrams, tools, and test equipment to include automatic test equipment and flight line test systems. Experiences involved solving complex problems by analyzing installation, circuitry, and operating characteristics of the systems. Skilled in adjusting and aligning system sensors, transmitters, amplifiers, power supplies, display devices, controls, transponders, actuators, servos, computers and other related components. Capable of installing serviceable components into aircraft and performed total systems alignment and harmonization in accordance with existing technical orders and directives. Skilled in technical order compliance factors, modification of components/systems, and completed thorough system checks for proper operations. Experienced in maintaining, modifying, calibrating and inspecting a wide variety of user tests, measurements, and diagnostic equipment. Skilled craft for installing, modifying, overhauling, maintaining, troubleshooting, repairing, rebuilding, aligning, and calibrating complete electronic avionics multi-systems controls. Skilled in operating integrated flight system, electronic multiplex communications bus, inertial navigation system, multi-function displays, data transfer equipment, global positioning system, flight control system, pitot-static system and related instrumentation. Must have experiences in working with the flight director instrumentation, central air data computer, engine, hydraulic and fuel quantity indicating systems, voice message warning, very high frequency ultra-high frequency, satellite communications data, intercom, secure voice communications,

identification friend or foe tactical air navigation system. Experienced in the review and analyzation of maintenance data.

Education

Education:

No Substitution of Education for this position.

Additional Information

If you are a male applicant who was born after 12/31/1959 and are required to register under the Military Selective Service Act, the Defense Authorization Act of 1986 requires that you be registered or you are not eligible for appointment in this agency (<https://www.sss.gov/RegVer/wfRegistration.aspx>).

Benefits Link

<https://www.abc.army.mil/>

How You Will Be Evaluated

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Once the announcement has closed, your resume and supporting documentation will be used to determine if you meet the qualifications listed on this announcement. Your answers to the assessment questionnaire will be verified against information provided in your resume and other supporting documentation. Be sure that your resume clearly supports your responses to all the questions addressing experience and education relevant to this position.

In describing your experience, please be clear and specific, we will not make assumptions regarding your experience. If, after reviewing your resume and supporting documentation, a determination is made that you have inflated your qualifications or experiences, your rating will be adjusted or you may be excluded from consideration for this position.

Your qualifications will be evaluated against general and specialized experience under the "Qualifications" section and against the following competencies (knowledge, skills, abilities and other characteristics):

Ability To: Inspect, Knowledge of Equipment Assembly, Installation, Repair, etc., Theory of Electronics, and Trouble shooting (Electronic Equipment)

To preview the assessment questionnaire, please use the following link: <https://apply.usastaffing.gov/ViewQuestionnaire/12609092>

Required Documents

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To apply for this position, you must submit a complete Application Package which includes:

1. Your **resume** showing work schedule, hours worked per week, dates (format should include Month and Year) of employment and duties performed.

Use this link for [Resume Tips](#).

2. **Other supporting documents (optional)**

- Cover Letter
- DD-214
- Other
- Other Veterans Document
- SF-50
- Transcript

How To Apply

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To apply for this position, you must complete the online application and submit the documentation specified in the Required Documents section below.

A complete application package must be submitted by 11:59 PM (Eastern) on the closing date of the announcement to receive consideration.

To begin, click **Apply** to access the online application. You will need to be logged into your USAJOBS account to apply. If you do not have a USAJOBS account, you will need to create one before beginning the application.

Follow the prompts to **select your resume and/or other supporting documents** to be included with your application package. You will have the opportunity to upload additional documents to include in your application before it is submitted. Your uploaded documents may take

several hours to clear the virus scan process.

After acknowledging you have reviewed your application package, complete the Include Personal Information section as you deem appropriate and **click to continue with the application process**.

You will be taken to the online application which you must complete in order to apply for the position. Complete the online application, verify the required documentation is included with your application package, and submit the application.

To verify the status of your application, log into your USAJOBS account (<https://my.usajobs.gov/Account/Login>), all of your applications will appear on the Welcome screen. The Application Status will appear along with the date your application was last updated. For information on what each Application Status means, visit: <https://www.usajobs.gov/Help/how-to/application/status/>.

Agency Contact Information

Questions About This job

Jon Sronce
Phone: 402-309-8173
Email: jon.c.sronce.civ@army.mil

Agency Information

NE 155 MXS
2420 W Butler Ave
Lincoln, NE 68524

Next Steps

Once your online application is submitted you will receive a confirmation notification by email. Your application will be evaluated by the Human Resources Office to determine your eligibility for the position. After the evaluation is complete, you will receive another notification regarding the status of your application.

Qualified candidates will be referred to the selecting official in the following order:

1. Fully qualified Area 1 applicants
2. Fully qualified Area 2 applicants
3. Fully qualified Area 3 applicants

The initial cut-off date for first consideration is 11:59 pm, CST, 04 DEC 2024; applications received by this date will have the first opportunity for review. Applications received after this date will be given consideration only if there is a need for further review. If further reviews are required, they will occur weekly or until a certificate of eligibles is exhausted.

INDIVIDUAL SELECTED AS A WG-12 TRAINEE MAY BE PROMOTED TO WG-13 UPON COMPLETION OF THE FOLLOWING: (1) COMPLETION OF AN INDIVIDUAL DEVELOPMENT PLAN (IDP); AND (3) COMPLETION OF A CLASSIFICATION REVIEW. INDIVIDUAL MAY BE PROMOTED WITHOUT FURTHER COMPETITION WHEN QUALIFIED AND RECOMMENDED BY THE SELECTING OFFICIAL; HOWEVER PROMOTION IS NOT GUARANTEED. APPLICANTS MUST INDICATE ON THEIR APPLICATION THE LOWEST GRADE FOR WHICH THEY WISH TO BE CONSIDERED.

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Release URL

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N/A