

**Job Announcement Number**

NE-12090636-AF-23-065

## Overview

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<b>Job Title</b>	<b>Department</b>
ELECTRONIC INTEGRATED SYSTEMS MECHANIC	Department of the Air Force
<b>Agency</b>	<b>Hiring Organization</b>
Air National Guard Units	N/A
<b>Open &amp; Closing Dates</b>	<b>Application Count</b>
08/22/2023 to 10/02/2023	N/A
<b>Salary</b>	<b>Pay Scale &amp; Grade</b>
\$33.00 to \$38.51 Per Hour; Advertisement is Open until Filled: First cutoff 7 September 2023, with subsequent reviews every 7 days after initial cutoff date.	WG-12-13
<b>Locations</b>	<b>Remote Job</b>
Lincoln, Nebraska	No
<b>Telework Eligible</b>	<b>Travel Required</b>
No	Occasional travel - You may be expected to travel for this position.
<b>Relocation Expenses Reimbursed</b>	<b>Appointment Type</b>
No	Permanent
<b>Work Schedule</b>	<b>Service</b>
Full-time	Excepted
<b>Promotion Potential</b>	<b>Job Family (Series)</b>
13	2610 - Electronic Integrated Systems Mechanic
<b>Supervisory Status</b>	<b>Security Clearance</b>
No	Secret
<b>Drug Test</b>	<b>Position Sensitivity And Risk</b>
No	Non-sensitive (NS)/Low Risk
<b>Trust Determination Process</b>	
National security	

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## Summary

**Summary**

This National Guard position is for a ELECTRONIC INTEGRATED SYSTEMS MECHANIC, Position Description Number D2325000/WG12; D2240P01/WG13 and is part of 155 MXS Nebraska Air National Guard.

**View full PD#:**

[https://acpol2.army.mil/ako/fasclass/search\\_fs/search\\_fs\\_output.asp?ccpo=NG&jobNum=D2325000&id=835340](https://acpol2.army.mil/ako/fasclass/search_fs/search_fs_output.asp?ccpo=NG&jobNum=D2325000&id=835340)

[https://acpol2.army.mil/ako/fasclass/search\\_fs/search\\_fs\\_output.asp?ccpo=NG&jobNum=D2240P01&id=835333](https://acpol2.army.mil/ako/fasclass/search_fs/search_fs_output.asp?ccpo=NG&jobNum=D2240P01&id=835333)

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## 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>

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## This Job Is Open To

**Hiring Paths**

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

**Hiring Paths Clarification Text**

8/22/2023 11:12 EDT

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## Videos

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### Marketing Video Link 1

N/A

### Marketing Video Link 2

N/A

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## Duties

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### Duties

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

- 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)
- 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, 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, VHF, UHF, SATCOM Data, intercom, secure voice communications, Identification Friend or Foe (IFF), and Tactical Air Navigation System (TACAN).
- 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.
- 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.
- 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.
- Tests and troubleshoots solid state electronic assemblies and subassemblies such as circuit cards, modules, rate generators, electronic control amplifiers, electro-mechanical assemblies, random access memories, programmable read only memories, and various integrated circuits.

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## Requirements

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### 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 Army 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:** E1; 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 analysis of maintenance data.

**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>).

If you are unable to apply online or need to fax a document you do not have in electronic form, view the following link for information regarding an [Alternate Application](#).

**Benefits Link**

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## How You Will Be Evaluated

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### How You Will Be Evaluated

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/12090636>

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## Required Documents

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### Required Documents

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

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## How To Apply

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### How To Apply

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

Rowell Cabardo  
Phone: 402-309-8324  
Email: rowell.t.cabardo.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
4. Trainees

**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

### Release URL

<https://www.usajobs.gov/GetJob/ViewDetails/744788300>