



DEPARTMENTS OF THE ARMY AND AIR FORCE

JOINT FORCE HEADQUARTERS-LOUISIANA
OFFICE OF THE ADJUTANT GENERAL
JACKSON BARRACKS
NEW ORLEANS, LOUISIANA 70117

Announcement Number: 23-007

POSITION TITLE: RAW Systems	AFSC 1C873	OPEN DATE: 16 November 2022	CLOSE DATE: 16 December 2022
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UNIT OF ACTIVITY/DUTY LOCATION: 259 th Air Traffic Control Squadron, Alexandria, Louisiana	GRADE REQUIREMENT: Min: E-5 Max: E-6
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SELECTING SUPERVISOR: SMSgt Jody D. Stanford	Position Number 1132810
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AREAS OF CONSIDERATION

On-board LA ANG AGR (**Must hold 1C8X3**)
Louisiana Air National Guard members (**Must hold 1C8X3**)

MAJOR DUTIES

Please refer to attached pages for more info on the major duties and initial qualifications for this position for this AFSC or go to: <https://www.my.af.mil> to review the AFECD

INITIAL ELIGIBILITY CRITERIA

In addition to criteria listed on attached pages

- Security Clearance - Must attain and maintain: Secret
- Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, Vehicle Operations.
- Members must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 1301, Computer Security.

PREFERRED QUALIFICATIONS

In accordance with HRO and ANGI 36-101, the following documents have been requested by the Selection Official. Applications received that do not contain these requested items will not be screened-out by HRO; but it may adversely affect the selection.

1. Cover Letter
2. Resume
3. Last three (3) EPRs / OPRs
4. Letter(s) of Recommendation

ACTIVE GUARD AND RESERVE REQUIREMENTS

Initial tours for the LA ANG may not exceed 5 years. AGR tours may not extend beyond an Enlisted member's ETS or an Officer's MSD. 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. For members with a documented Duty Limitation Code (DLC) which prohibits them from performing one or more components of the Fitness Assessment, an overall "Pass" rating is required.

Individuals selected for AGR tours must meet the Preventative Health Assessment (PHA)/physical qualifications outlined in AFI 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. Enlisted Airmen who are voluntarily assigned to a position which would cause an overgrade must indicate such in writing; a voluntary demotion letter must be included with the application in accordance with ANGI 36-2503, Administrative Demotion of Airmen, when assigned to the position. Acceptance of demotion must be in writing and included in the assignment application package. Application Package will not be forwarded without Administrative Demotion statement. If a selectee does not possess the advertised AFSC, he/she must complete the required training/assignment criteria within 12 months of being assigned to the position. Failure to do so may result in immediate termination. Extension past 12-months will only be considered if the delay is through no fault of the applicant. Any further questions regarding the AGR program may be answered in ANGI 36-101.

SPECIAL ANNOUNCEMENT CRITERIA

- Upon selection additional medical verification will be required prior to start of AGR tour
- Any Individual(s) selected for this position must meet EFMP requirements for the duty location at time of assignment.
- Members that do not meet EFMP standards for the duty location may be subject to a rescinded offer of employment.
- Continuation beyond initial tour may be subject to evaluation based on AGR Continuation Board
- Selection is not a promise of promotion

APPLICATION PROCEDURES

Applications must be signed and dated. Applications received with an unsigned NGB 34-1 will not be forwarded for consideration. Per ANGI 36-101, the application package must include at a minimum items 1-3 listed below. If the required documents are not submitted, a letter of explanation must be included. Incomplete packages will not be considered for the position vacancy:

1. **NGB Form 34-1** (*announcement number and position title must be annotated on the form*)
2. **CURRENT full Records Review RIP** from Virtual MPF <https://vmpf.us.af.mil/vMPF/Hub/Pages/Hub.asp>
3. **CURRENT PASSING Report of Individual Fitness** from MyFSS/MyFitness <(must not show a "fitness due date" that is in the past) (or) a signed letter from the UFPM. If exempt, please include Form 469 with application)
4. **Items requested in the "PREFERRED QUALIFICATIONS" section above.**

Application Documents Order:

- 1. **(Mandatory)** NGB Form 34-1
- 2. **(Mandatory)** Records Review RIP
- 3. **(Mandatory) Passing** Report of Individual Fitness
- 4. **(Optional)** Cover Letter
- 5. **(Optional)** Resume
- 6. **(Optional)** Last three (3) EPRs / OPRs
- 7. **(Optional)** Letter(s) of Recommendation

EMAILING REQUIREMENTS:

Ensure all requirements are consolidated into **ONE single PDF** (adobe portfolio is not recommended) (consider printing signed documents to PDF prior to combining files)-Signatures may be stripped once they are saved. PDF File Name should be: Last Name, Announcement Number

Example: Doe, 23-XXX

Email Subject should be: Last Name, Announcement Number, Position Title

Example: Doe,23-XXX, RAW Systems

Email Application Package to: ng.la.laarnq.mbx.agr-branch-air@army.mil

*** There is a known issue that digital signatures are being removed from the NGB Form 34-1 once combined as one PDF. To avoid this, once you sign and save the NGB Form 34-1, go to Print, then select "Microsoft Print to PDF". Click Print. Use this copy of the form to combine into the required documents and send to HRO. Always verify the signature is present before you sent to HRO. ***

QUESTIONS: Applicants may call HRO for initial review of application and to verify receipt prior to closeout date. DSN 278-8753 or Commercial 504-278-8753 or cassie.l.ellis.mil@army.mil. Assistance will be rendered in the order the request was received.

INSTRUCTIONS TO COMMANDERS/SUPERVISORS: Selecting supervisor will contact qualified applicants for interviews. After the Human Resources Officer HRO approves the selection package, the HRO office will send a notification letter to the Hiring Official who will in turn notify all applicants of their selection non-selection. The selection of an applicant is not final until the Hiring Official has been notified by of approval by ANG AGR Manager.

THE LOUISIANA NATIONAL GUARD IS AN EQUAL OPPORTUNITY EMPLOYER

All applicants will be protected under Title VI of the Civil Rights Act of 1964. Eligible applicants will be considered without regard to race, color, religion, gender, national origin, or any other non-merit factor. Due to restrictions in assignment to certain units and AFSC MOS some positions may have gender restrictions.

AFSC 1C873, Craftsman
 AFSC 1C853, Journeyman
 AFSC 1C833, Apprentice
 AFSC 1C813, Helper

RADAR, AIRFIELD & WEATHER SYSTEMS (RAWS)
 (Effective 31 Oct 17)

1. Specialty Summary Deploys, installs, maintains, and repairs fixed or mobile air traffic control, weather, ground aircraft control and early warning radar systems, related radar operator training devices, aircraft identification equipment, remoting systems, video mappers, computerized processors, meteorological, navigation and air traffic control ground-to-air radio systems. Operates and relocates related support and communications equipment, uses test equipment, analyzes performance trends, and supervises maintenance activities. RAWS may be required to maintain entire facilities, subsystems, or individual services or equipment that assist in the safe and expedient movement of air traffic throughout the National Airspace System (NAS) as well as providing support to the National Weather Service (NWS). Related DoD Occupational Subgroups: 110000, 110100, 110200, 110300, and 110400.

2. Duties and Responsibilities:

2.1. Performs Radar, Airfield & Weather Systems (RAWS) functions. Plans, organizes, and schedules work assignments, workloads, and maintenance procedures for RAWS. Establishes production controls and standards. Prepares reports on maintaining, installing, repairing, removing, and siting all types of air traffic control systems. Ensures operations and maintenance economies by improving work methods and procedures. Designs and develops organizational structures, including manning, duty assignments, and workloads. Inspects and evaluates RAWS activities. Performs or directs all maintenance inspections organized to evaluate base or command maintenance programs. Completes all associated communication electronic research and development projects to modernize, upgrade, or replace RAWS.

2.2. Installs, removes, and relocates RAWS. Assembles, connects, modifies, and adjusts electronic subassemblies such as antennas, transmitters, receivers, processors, indicator groups, and ancillary systems such as voice recorders, weather sensors, voice switches, solar observatories, and space weather systems. Studies system characteristics, local terrain, and planned base facilities and requirements. Conducts tests of installed equipment for proper component assembly and compliance with technical orders. Determines equipment position based on plans, diagrams and specifications. Checks and inventories equipment and project materials for serviceability. Assembles, connects and wires components, assemblies and antenna systems. Performs operational tests, and adjusts and aligns equipment. Places in operation, calibrates, tunes, and aligns subassemblies according to approved technical data to maximize performance. Completes flight inspections. Disassembles, relocates, assembles, and connects all decommissioned RAWS.

2.3. Oversees work in progress and reviews completed repairs for sound maintenance practices. Establishes requirements for maintenance and support equipment, tools and spare parts. Requisitions, accounts for, and turns in supplies and material. Diagnoses and recommends equipment repair, replacement or depot overhaul. Certifies RAWS facilities after repair actions or periodic flight inspections. Interprets inspection findings and determines adequacy of corrective action. Reviews and ensures compliance with maintenance management publications and procedures. Develops and enforces safety standards. Evaluates and resolves problems encountered during siting, installing, repairing, and overhauling. Uses layout drawings, schematics, and pictorial diagrams to solve maintenance problems, and analyzes construction and operating characteristics of equipment to determine source of malfunction. Interprets maintenance and installation policy and procedures.

2.4. Repairs, overhauls, and modifies RAWS. Isolates malfunctions by prescribed systems checking procedures, visual inspections, voltage checks, and other tests using electronic test equipment. Repairs RAWS subassemblies, including antennas, transmitters, receivers, operator training devices, radar beacon systems, remoting systems, video mappers, display systems, and associated communications systems and related equipment. Conducts performance tests of repaired subassemblies, using bench mockups and applicable test equipment. Accomplishes organizational and intermediate level equipment modifications according to time compliance technical orders, or field directives. Assembles, installs, and repairs antenna systems, transmission lines, and waveguides. Performs corrosion control.

2.5. Develops methods for improving maintenance effectiveness and efficiency. Interprets inspection findings, and determines adequacy of corrective actions. Ensures maintenance data collection forms and inspection and maintenance records are accurately completed. Recommends changes to improve equipment performance, maintenance practices, or system interoperability. Evaluates justification and practicality of recommended improvements to equipment performance and maintenance procedures. Develops and enforces safety standards and practices for RAWS maintenance activities. Coordinates with appropriate agencies to ensure systems support requirements.

2.6. Establishes requirements for tools, test/support equipment, personnel, supplies, and technical documents. Develops work standards, methods, and controls for functions such as periodic inspections, operational testing, and equipment repair. Identifies maintenance problem areas and initiates corrective action. Maintains inspection and maintenance records. Posts entries on maintenance and inspection records. Records and reviews meter readings, test results, and historical data in equipment records. Completes and reviews maintenance data collection and equipment status reporting databases.

2.7. Prepares RAWS equipment for deployment. Deploys, surveys, sets-up, and activates tactical/mobile RAWS and associated equipment. Completes all required maintenance to sustain system operations according to HHQ requirements.

Coordinates with Federal Aviation Administration as well as other agencies as needed. Reconstitutes and redeploys systems.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of: electronic principles and digital techniques, including transistors and solid-state component theory that applies to RAWs; maintenance data processing systems; wiring diagrams, circuit diagrams, schematic diagrams and technical orders; Air Force maintenance and supply procedures; electronic principles; microprocessors; data processing; mathematics principles required to solve electronic formulas and number systems; analog and digital electronic circuits; advanced troubleshooting techniques; principles of meteorological, radar, radio, and navigation systems maintenance; use of technical data and blueprints; system block, data flow, schematic, logic, and interconnecting wiring diagrams; principles and use of test equipment and diagnostic systems; radio frequency principles; and advanced soldering techniques.

3.2. Education. For entry into this specialty, completion of high school diploma or equivalent is mandatory. Additional courses in physics and mathematics, basic knowledge of electronic principles, computers, and networks is desirable.

3.3. Training. For award of AFSC 1C833, completion of RAWs initial skills course is mandatory.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 1C853. Qualification in and possession of AFSC 1C833. Also, experience is mandatory in functions such as testing, calibrating, cabling, or repairing RAWs, associated communications and identification equipment, operating RAWs. Use of test equipment and interpretation of test results is mandatory.

3.4.2. 1C873. Qualification in and possession of AFSC 1C853. Also, experience is mandatory in performing or supervising functions such as project management, siting, installing, repairing, deploying, overhauling, modifying, or flight inspecting RAWs, and associated communications and identification equipment.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty:

3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.

3.5.1.2. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*

3.5.1.3. Freedom from fear of heights.

3.5.1.4. See attachment 4 for additional entry requirements.

3.5.2. For award and retention of this AFSC:

3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.

3.5.2.2. Specialty requires routine access to Tier 3 (T3) information, systems or similar classified environment.

3.5.3. For award and retention of AFSCs 1C853/73:

3.5.3.1. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program*, is mandatory.

NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16-1405.