



Alaska National Guard
Active Guard Reserve (AGR)
Position Announcement #
AKANG 19-141a

<https://dmva.alaska.gov/employment/>

POSITION TITLE: Cyber Transport Systems Craftsman	AFSC or MOS 3D172	OPEN DATE: 09 Apr 2019	CLOSE DATE: 29 Apr 2019
UNIT OF ACTIVITY/DUTY LOCATION: 176th Air Defense Squadron, Joint Base Elmendorf-Richardson, Alaska		GRADE REQUIREMENT: Min: E5P Max: E6	
SELECTING SUPERVISOR: CMSgt Heather Pineiro	Position Number 105531734	PHYSICAL PROFILE: PULHES – 333233	

AREAS OF CONSIDERATION

- On-board AK ANG AGR (Must hold advertised AFSC)
- Alaska Air National Guard members (Must hold advertised AFSC)
- Nationwide military members eligible for membership in the AKANG (Must hold advertised AFSC)

MAJOR DUTIES MAY INCLUDE

AIR GUARD: 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 be able to obtain: Top Secret
 - Aptitude Requirement: Electrical 70 or Electrical 60 AND Cyber-Test 60
 - Strength requirement: Demonstrated ability to lift 50lbs

PREFERRED QUALIFICATIONS

- In addition to the initial eligibility criteria and required forms listed under application procedures, the following are preferred qualifications:
- Resume
 - Cover Letter
 - Last 3 Enlisted Performance Evaluations
 - Letters of Recommendation will be accepted
 - Prefer trained/experienced in a 3DXXX career field
 - Experience with Battle Control System-Fixed or like C2 Systems is highly desired
 - Experience supervising one or more of the following functions: Cyber Security Liaison (CSL)/Client Service Technician (CST) technicians, command and control systems support, IT system administration, and resource management
 - Knowledge in administration of server-based operating systems, distributed applications, network storage, messaging and application monitoring required to integrate cyber systems
 - Knowledge of: Cyber systems elements; capabilities, functions, and technical methods for system operations; electronics principles theory and its application to voice, data, video client devices; network infrastructure, and cryptographic communications facilities, systems, and equipment; their interoperability, and interpretation of wiring and logic diagrams, blueprints, and technical orders
 - Knowledge of Air Defense/Surveillance Systems and coordination with HHQ (ex: Alaska NORAD Region, 11AF and NORAD)
 - Knowledge of electronic and network principles, information assurance, telephony, copper and fiber-optic transmission principles, cryptographic techniques, network system installation practices, project and circuit diagram interpretation, test equipment, special tools, and management practices is highly desired
 - Knowledge highly desired: Cyber systems elements; capabilities, functions, and technical methods for system operations
 - LINUX/UNIX Experience
 - COMP TIA security and experience

SPECIAL ANNOUNCEMENT CRITERIA

- Upon selection additional medical verification will be required prior to start of AGR tour
- Continuation beyond initial tour may be subject to evaluation based on AGR Continuation Board

ACTIVE GUARD AND RESERVE REQUIREMENTS

Applicants must not be entitled to receive Federal military retired or retainer pay or Federal civil service annuities and not be eligible for immediate Federal civil service annuities. Individuals who have been separated from other military services for cause, unsuitability, or unfitness for military service are not eligible to enter the AGR program. IAW ANGI 36-101 "Initial tours may not exceed 6 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. 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. An applicant's military grade cannot exceed the maximum military authorized grade on the UMD for the AGR position. Enlisted Airmen who are voluntarily assigned to a position which would cause an overgrade must indicate in writing a willingness to be administratively reduced in grade 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 statement: ANGI 36-101 "applicant must be able to complete 20 years of active federal service prior to MSD for officers and age 60 for enlisted members. Exceptions may be considered...." 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 selectee. Members currently on occasional tours exceeding 180 consecutive days may be considered as full-time AGR (members currently on occasional tours 179 days or less are not considered AGR). Any further questions regarding the AGR program may be answered in ANGI 36-101

APPLICATION PROCEDURES

Hard copy applications will NOT be accepted. All applications must be typed or printed in legible dark ink and must be signed and dated with original signature. Applications received with an unsigned NGB 34-1 will not be forwarded for consideration. Applicants may include copies of training certificates or any documentation that may be applicable to the position they are applying for. Per ANGI 36-101, the application package must include at a minimum, the signed NGB 34-1, current Report of Individual Person (RIP), and current Report of Individual Fitness. Items 1-3 are required by the Human Resource Office to determine initial qualifications. If the required documents are not submitted, a letter of explanation must be included. Incomplete packages will not be considered for the position vacancy. Please submit the following:

1. Signed NGB Form 34-1 Application Form for Active Guard/Reserve (AGR) Position dated 20131111 (<http://dmva.alaska.gov/employment.htm>) (Do not use outdated form)
2. CURRENT full Records Review RIP available on vMPF (<http://www.afpc.randolph.af.mil/vs>) (Must be a full RIP) (avoid sending SURF/Brief when possible)
3. CURRENT PASSING Report of Individual Fitness from Air Force Fitness Management Systems (AFFMS) or AF Fitness Assessment Scorecard or a signed letter from the Unit Fitness Monitor.
4. Items requested in the "PREFERRED QUALIFICATIONS" section above.
 - Resume
 - Cover Letter
 - Last 3 EPR's/OPR's (or equivalent)
 - Letter 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) PDF File Name should be: Position Announcement Number, Last name, First name, Grade

Example: ANG 18-XX Doe, Jane E1

Email Subject should be: Announcement Number

Example: ANG 18-XX (must use advertisement # and NOT position # ex: 1234567)

Email Application Package to ng.ak.akarng.mbx.hro-agr@mail.mil

** Applications will be accepted through AMRDEC if standard email procedures do not work**

- AMRDEC SAFE Web Application: <https://safe.amrdec.army.mil/safe/> to above email

**All application documents must be consolidated into a single .pdf file. (Do not put in a PDF Portfolio format)

** Applicants are encouraged to submit early and call HRO for initial review of your application prior to closing date

QUESTIONS:

Applicants are encouraged to call HRO to verify receipt prior to closeout date. To verify the receipt of an application or if you have issues, you may call DSN 317-384-4467 or Commercial 907-428-6467 and/or DSN 317-384-4242 or Commercial 907-428-6242

INSTRUCTIONS TO COMMANDERS/SUPERVISORS: This position vacancy announcement will be given the broadest possible dissemination. A copy of this announcement will be posted on your unit/activity bulletin board. 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 all applicants of their selection/non-selection. The selection of an applicant is not final until the individual has been notified by the HRO-AGR. After the selecting supervisor makes a selection, the "routing" of the selection package begins and ends with HRO.

THE ALASKA 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, age, religion, marital status, national origin, political affiliation or any other non-merit factor. Due to restrictions in assignment to certain units and AFSC/MOS some positions may have gender restrictions.

AFSC 3D172, Craftsman
 AFSC 3D152, Journeyman
 AFSC 3D132, Apprentice
 AFSC 3D112, Helper

★ CYBER TRANSPORT SYSTEMS
★ (Changed 31 Oct 18)

1. Specialty Summary. Deploys, sustains, troubleshoots and repairs standard voice, data and video network infrastructure systems, IP detection systems and cryptographic equipment. Performs, coordinates, integrates and supervises network design, configuration, operation, defense, restoration, and improvements. Analyzes capabilities and performance, identifies problems, and takes corrective action. Fabricates, terminates, and interconnects wiring and associated network infrastructure devices. Related DoD Occupational Subgroups: 115000 and 162200.

2. ★ Duties and Responsibilities:

- 2.1. Provides voice, data and video services. Installs, upgrades, replaces, configures and maintains systems/circuits/IP-based intrusion detection/long haul communications systems that access military, federal and commercial networks. Manages infrastructure devices and systems using the latest approved software tools.
- 2.2. Deploys and operates expeditionary communications systems. Uses agile logistics support channels to sustain continuous network operations. Removes, repairs and replaces assemblies and subassemblies to optimally sustain voice, data and video networks.
- 2.3. Establishes restoral and job priorities, maintains, tests, troubleshoots, and repairs voice and network systems equipment and circuits utilizing tools and test equipment. Isolates malfunctions using diagnostic software, technical data, block diagrams, voltage and waveform measurements, and other tests requiring specialized test equipment.
- 2.4. Monitors performance of systems and circuits. Coordinates with coalition forces, DoD agencies and other service providers to analyze and isolate performance faults and implement corrective actions. Checks equipment for serviceability and performs preventive maintenance. Isolates faults by coordinating with commercial service providers and depots to test system components and assemblies.
- 2.5. Maintains and administers voice, network and circuit databases, records and forms. Interprets sketches and layout drawings for placement of distribution systems. Coordinates request for service orders. Reviews, recommends, and implements changes to communications-computer systems installations records (CSIR), technical data, engineering drawings, and equipment wiring diagrams. Updates and verifies entries on system, facility, maintenance, and inspection records. Initiates, tracks, and maintains shipping, receiving, supply, and equipment documents.
- 2.6. Conducts periodic inspections of systems installations and repair activities. Interprets inspection reports and implements corrective actions, documents inspection and maintenance actions.
- 2.7. Reviews and maintains operational measurement reports and analyzes network utilization. Ensures equipment and components meet installation practice technical order and accepted commercial installation specifications.
- 2.8. Applies communications security programs to include physical, cryptographic, transmission, and emission security. Develops and ensures compliance with safety standards and instructions.
- 2.9. As a 3D1X2R performs, coordinates, integrates and supervises network design, configuration, operation, defense, restoration, and improvements on radio frequency wireless, line-of-sight, beyond line-of-sight, wideband, and ground-based satellite and encryption transmission devices in a fixed and deployed environment. Analyzes capabilities and performance, identifies problems, and takes corrective action. Deploys, sustains, troubleshoots and repairs standard radio frequency mission-specific systems and devices. Establishes and maintains circuits, configures and manages system and network connectivity.
- 2.10. As part of the Cyberspace Support career field family, manages, supervises, and performs planning and implementation activities. Manages implementation and project installation and ensures architecture, configuration, and integration conformity. Develops, plans, and integrates base communications systems. Serves as advisor at meetings for facility design, military construction programs and minor construction planning. Evaluates base comprehensive plan and civil engineering projects. Monitors status cyber or communications-related base civil engineer work requests. Performs mission review with customers. Controls, manages, and monitors project milestones and funding from inception to completion. Determines adequacy and correctness of project packages and amendments. Monitors project status and completion actions. Manages and maintains system installation records, files, and indexes. Evaluates contracts, wartime, support, contingency and exercise plans to determine impact on manpower, equipment, and systems.
- 2.11. ★ Conducts defense cyber operations (DCO) and associated support activities to defend DoD and other friendly cyberspace. DCO includes passive and active cyberspace defense operations to preserve the ability to utilize friendly cyberspace capabilities and protect data, networks, net-centric capabilities and other designated systems as well as passive defense measures intended to maintain and operate the DODIN and other networks such as configuration control, patching and firewall operations. Support activities includes but not limited to maintenance of cyber weapons systems, functional mission analysis, mission mapping, tool development, stan-eval, mission planning and data analysis.

3. Specialty Qualifications:

- 3.1. Knowledge. Knowledge of electronic and network principles, information assurance, telephony, copper and fiber-optic transmission principles, cryptographic techniques, network system installation practices, project and circuit diagram interpretation, test

equipment, special tools, and management practices is mandatory.

3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Additional courses in mathematics, computer science, computer principles or information technologies is desirable. Any computing or network commercial certification is desirable.

3.3. Training. For award of AFSC 3D132, completion of Cyber Transport initial skills course is mandatory.

3.3.1. For award of AFSC 3D132R, completion of Cyber Transport initial skills course and completion of the RF Transmissions Systems Satellite Communications initial skills course is mandatory.

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

3.4.1. 3D152. Qualification in and possession of AFSC 3D132. Also, experience in installation, maintenance, and repair of voice, data and video network infrastructure and cryptographic equipment.

3.4.2. 3D172. Qualification in and possession of AFSC 3D152. Also, experience in supervising installation, maintenance, and repair of voice, data and video network infrastructure and cryptographic equipment.

3.4.3. 3D132R. Completion of the system specific RF Transmissions Systems course.

3.4.4. 3D152R. Qualification in and possession of AFSC 3D132R. Also, experience in installation, maintenance, and repair ground RF communications and related equipment, and using specialized test equipment. Successful completion of all identified 3D152R courses as prescribed in the 3D152R CFETP. Must successfully complete qualification evaluation.

3.4.5. 3D172R. Qualification in and possession of AFSC 3D152R. Also, experience in supervising installation, maintenance, and repair of ground RF communications and related equipment, and using specialized test equipment. Successful completion of all identified 3D172R courses as prescribed in the 3D172 CFETP. Must successfully complete qualification evaluation.

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. 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 routinely requires work in the networking environment.

3.5.2.3. Must attain and maintain a minimum Information Assurance Technical Level II certification according to DoD 8570.01-M, *Information Assurance Workforce Improvement Program*.

3.5.2.4. Specialty requires routine access to Top Secret material or similar environment.

3.5.3. For award and retention of AFSCs 3D152/72 to include R shredout, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management* is mandatory.

NOTE: Award of the 3-skill level without a completed SSBI is authorized provided an interim Top Secret security clearance has been granted according to AFI 31-501.

4. *Specialty Shredouts:

Suffix Portion of AFS to Which Related

R Data Links

NOTE: Suffixes are applicable to the 1-, 3-, 5-, and 7- skill levels only.