



Alaska National Guard  
Active Guard Reserve (AGR)  
Position Announcement #  
**AKANG 19-69**

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

<b>POSITION TITLE:</b> MAF Integrated Avionics Instruments and Flight Control Systems Craftsman	<b>AFSC or MOS</b> 2A8X2B/2A872E	<b>OPEN DATE:</b> 26 Nov 2018	<b>CLOSE DATE:</b> 11 Dec 2018
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<b>UNIT OF ACTIVITY/DUTY LOCATION:</b> 176 Maintenance Squadron, Joint Base Elmendorf-Richardson, Alaska	<b>GRADE REQUIREMENT:</b> Min: E-7 Max: E-7
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<b>SELECTING SUPERVISOR:</b> SMSgt Terry Friend	<b>Position Number</b> 874776	<b>PHYSICAL PROFILE:</b> PULHES – 333131
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**AREAS OF CONSIDERATION**

- Only open to RIC 170 technicians that currently possess the announced AFSC and are assigned to the same Program Element Code and member of 176 MXS

**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: Secret
- Aptitude Requirement: 70 Electrical
- Strength requirement: Demonstrated ability to lift 70lbs
- Applicants must meet INITIAL ELIGIBILITY CRITERIA at time of advertisement closing date

**PREFERRED QUALIFICATIONS**

In addition to the initial eligibility criteria and required forms listed application procedures, the following are preferred qualifications:

- Resume
- Last 3 Enlisted/Officer Performance Evaluations
- Letters of Recommendation will be accepted

Additional Requirement:

- Will be required to maintain Flying Crew Chief qualifications in support of off-station TDY's

## SPECIAL ANNOUNCEMENT CRITERIA

- The authorized start date for this position is 1 April 2019
- 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
- Technicians selected for this AGR position are entitled to USERRA. However, because of the Technician position realignment, the position vacated by the Technician may not be available if the Technician exercises USERRA rights

## 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](mailto: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 2A872\*, Craftsman  
 AFSC 2A852\*, Journeyman  
 AFSC 2A832\*, Apprentice  
 AFSC 2A812\*, Helper

**★ MOBILITY AIR FORCES INTEGRATED INSTRUMENT AND FLIGHT CONTROL SYSTEMS**  
**★ (Changed 30 Apr 18)**

**1. Specialty Summary.** Analyzes malfunctions, inspects, removes, maintains, and installs integrated instrument and flight control systems. Performs and supervises avionics maintenance and general aircraft servicing and handling. Related DoD Occupational Subgroup: 119800.

**2. Duties and Responsibilities:**

2.1. ★ Operates and maintains instrument and flight control systems on C-5, C-12, C-17, C-20, C-21, C-26, C-32, C-37, C-40, C-130 (except SOF/PR & EC-130), KC-10, KC-46 and KC-135 aircraft. Analyzes equipment operating characteristics to isolate malfunctions in avionics systems, integrated test systems built-in-test (BIT), multiplexed data bus systems, recording systems, video display systems, flight instruments, mission computer systems, inertial navigation systems (INS), global positioning system, traffic collision avoidance system navigation systems, aircraft indicating systems, and flight formation systems.

2.2. Removes, installs, checks, and repairs avionics systems and line replaceable units (LRU). Diagnoses malfunctions using technical orders, schematics, wiring diagrams, integrated test systems and other test equipment. Removes, replaces, and repairs faulty system wiring, electrical connectors, multiconductor cables. Modifies avionics systems according to technical publications. Updates operational logs, inspection records, aircraft forms, and automated maintenance systems. Performs and supervises alignment, calibration, and boresight of avionics systems. Uploads ground maintenance and operational software. Performs off-equipment maintenance on selected avionics LRUs and maintains peculiar support equipment (SE).

2.3. Inspects and evaluates aircraft maintenance activities. Inspects and verifies operational status and configuration of avionics systems and software. Records and ensures validity of entries into maintenance data collection and inspection systems. Resolves and assists units in solving maintenance and supply problems. Interprets and recommends corrective action to inspection findings. Prepares aircraft for low altitude profiles, precision air drop.

2.4. Plans, organizes and directs aircraft maintenance activities. Establishes methods and performance standards. Analyzes reports and maintenance plans. Directs operation and modification of standard operating procedures. Establishes priorities. Evaluates activities for compliance with directives. Supervises and assists in aircraft ground servicing, and launch/recovery operations. Reviews maintenance data collection summaries to determine trends and production effectiveness.

**3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: cyber protection theory and hygiene, including weapon system attack surfaces and air-gapped system risks; interpreting and applying mechanical, wiring, and electronic circuit diagrams; electronic, micro-processor, data bus, and mechanical principles theory and application; theory of flight; gyros, synchros, indicators, memory storage devices, servomechanisms, electromechanical, dependent navigation aids, inertial navigation, optics, instruments, multiplexing, video display, and digital computer systems working principles; subsystem tie-in between integrated avionics systems; using and interpreting testing and measuring devices; mechanical and electrical means; and concepts and application of maintenance directives.

3.2. Education. For entry into this specialty, completion of high school with courses in physics, computers, and mathematics is desirable.

3.3. Training. The following training is mandatory for award of the AFSC indicated:

3.3.1. For award of AFSC 2A832X, completion of the applicable basic avionics systems course is mandatory.

3.3.2. For award of AFSC 2A872X:

3.3.2.1. Completion of the craftsman course is mandatory.

3.3.2.2. Completion of Advanced Wiring Maintenance Course J4AMP3000 A48A PDS ZIZ per the MAJCOM Mandatory Course List (MMCL) (ANG/AFRC exempt). Not applicable to personnel assigned to locations where the course is not yet available at the local Field Training Detachment (FTD).

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

3.4.1. 2A852X. Qualification in and possession of AFSC 2A832X. Also, experience isolating malfunctions, removing and installing LRUs, and use of test and ground SE.

3.4.2. 2A872X. Qualification in and possession of AFSC 2A852X. Also, experience performing or supervising functions such as analyzing and isolating integrated avionics systems malfunctions and using test 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. See attachment 4 for additional entry requirements.

3.5.2. For award and retention of these AFSCs:

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 Secret material or similar environment.

3.5.2.3. Completion of a current National Agency Check, Local Agency Checks and Credit (NACLC) according to AFI 31-501,

*Personnel Security Program Management.*

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

**4. ★\*Specialty Shredouts:**

<i>Suffix</i>	<i>Portion of AFS to Which Related</i>
A	C-5
B	C-17
C	C-130/WC-130 (except SOF/PR & EC-130)
★D	C-12, C-20, C-21, C-32, C37, C-40
E	Cargo IFCS
F	KC-10
G	KC-135
H	KC-46
J	Tanker IFCS

**NOTE:** Suffixes A/B/C/D/F/G/H are applicable to the 1-, 3-, and 5-skill levels only. Suffixes E/J are applicable to the 7-skill level only.

30-Apr-13	2A0X1K					70	J	3	3	3	1	3	2		X
30-Apr-13	2A0X1M					70	J	3	3	3	1	3	2		X
	2A0X1P					70	J	3	3	3	1	3	2		X
	2A2X1					70	K	3	3	3	1	3	1		X
1-Aug-12	2A2X1A					70	K	3	3	3	1	3	1		X
1-Aug-12	2A2X2					70	K	3	3	3	1	3	1		X
	2A2X3					70	K	3	3	3	1	3	1		X
	2A3X3E	47					K	3	3	3	1	3	2		X
1-Aug-12	2A3X3L	47					K	3	3	3	1	3	2		X
1-Aug-12	2A3X3M	47					K	3	3	3	1	3	2		X
30-Apr-18	2A3X4A			68			L	3	3	3	1	3	2		X
30-Apr-18	2A3X4B			68			L	3	3	3	1	3	2		X
30-Apr-18	2A3X4C			68			L	3	3	3	1	3	2		X
31-Jan-12	2A3X5A					70	K	3	3	3	1	3	2		X
31-Jan-12	2A3X5B					70	K	3	3	3	1	3	2		X
31-Jan-12	2A3X5C					70	K	3	3	3	1	3	2		X
1-Aug-12	2A3X7A	47					K	3	3	3	1	3	2		X
1-Aug-12	2A3X7B	47					K	3	3	3	1	3	2		X
30-Apr-18	2A3X8A					54	K	3	3	3	1	3	2		X
30-Apr-18	2A3X8B					54	K	3	3	3	1	3	2		X
	2A5X1A	47					L	3	3	3	1	3	2		X
	2A5X1B	47					L	3	3	3	1	3	2		X
	2A5X1C	47					L	3	3	3	1	3	2		X
	2A5X1D	47					K	3	3	3	1	3	2		X
30-Apr-18	2A5X2B					63	N	3	3	3	1	3	2		X
30-Apr-18	2A5X2D					59	N	3	3	3	1	3	2		X
1-Aug-12	2A5X4A	47					L	3	3	3	1	3	2		X
1-Aug-12	2A5X4B	47					K	3	3	3	1	3	2		X
1-Aug-12	2A5X4C	47					K	3	3	3	1	3	2		X
1-Aug-12	2A5X4D	47					L	3	3	3	1	3	2		X
1-Aug-12	2A5X4E	47					L	3	3	3	1	3	2		X
1-Aug-12	2A5X4F	47					L	3	3	3	1	3	2		X
	2A6X1C	56					J	3	3	3	1	3	2		X
	2A6X1D	56					J	3	3	3	1	3	2		X
	2A6X1E	56					J	3	3	3	1	3	2		X
31-Oct-12	2A6X1H	56					J	3	3	3	1	3	2		X
	2A6X2	2	47			28	H	3	3	3	1	3	2		X
	2A6X3	56					N	3	3	3	1	3	1		X
	2A6X4	47					J	3	3	3	1	3	2		X
	2A6X5	56					K	3	3	3	1	3	2		X
	2A6X6	2	41			61	K	3	3	3	1	3	2		X
	2A7X1	47					H	3	3	3	1	3	2		X
30-Apr-18	2A7X2				50		G	3	3	3	1	3	3		X
	2A7X3	47					J	3	3	3	1	3	2		X
	2A7X5	47					J	3	3	3	1	3	2		X
1-Aug-12	2A8X1X					70	K	3	3	3	1	3	1		X
1-Aug-12	2A8X2X					70	K	3	3	3	1	3	1		X