Alaska National Guard
Active Guard Reserve (AGR)
Position Announcement #  
AKANG 19-201
https://dmva.alaska.gov/employment/

**POSITION TITLE:** Space Systems Operations Superintendent

**AFSC or MOS:** 1C691

**OPEN DATE:** 20 Aug 2019

**CLOSE DATE:** 19 Sep 2019

**GRADE REQUIREMENT:**
- **Min:** E-7
- **Max:** E-8

**UNIT OF ACTIVITY/DUTY LOCATION:**
213 Space Warning Squadron, Clear Air Force Station, Alaska

**SELECTING SUPERVISOR:**
SMSgt Jamie Kurzenberger

**Position Number:** 0084807

**PHYSICAL PROFILE:** PULHES – 222221

*Contingent on Controlled Grade Availability*

**AREAS OF CONSIDERATION**

- On-board AK ANG AGR (Must hold advertised AFSC)
- Alaska Air National Guard members (Must hold advertised AFSC)
- Alaska Army Guard members (Must hold advertised MOS)
- 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 AFECO

**INITIAL ELIGIBILITY CRITERIA**

*In addition to criteria listed on attached pages*
- Security Clearance - Must be able to obtain: TS/SCI Eligible
- Aptitude Requirement: ELECTRICAL - 70
- Strength requirement: Demonstrate the ability to lift 40 lbs

**PREFERRED QUALIFICATIONS**

In addition to the initial eligibility criteria and required forms listed application procedures, the following are preferred qualifications:
- Resume
- Cover Letter
- Last 3 Enlisted Performance Evaluations
- Letters of Recommendation will be accepted
- Knowledge of the following: Satellite C2 and principles of space and ground segments; space warning and control systems; range operations; orbital mechanics; data analysis procedures; sensor theory; data transmission, receiving, recording, and relaying theory; and administrative practices.
- Education. For entry into this specialty, completion of high school with coursework in algebra is required.
- Training. For award of AFSC 1C631, completion of an AFSC-awarding initial skills training (IST) course in space systems operations is mandatory.
- For award and retention of these AFSCs, must maintain local network access IAW AFMANs 33-152, User Responsibilities and Guidance for Information Systems and 33-282, Computer Security.
- Specialty requires routine access to Top Secret/Sensitive Compartmented Information (TS/SCI) or similar environment. For award and retention of AFSC 1C6X1, submission of a Single Scope Background Investigation (SSBI) and TS/SCI eligibility granted based upon the favorable adjudication and IAW AFI 31-501, Personnel Security Program Management is mandatory.
- Experience with one or more of the following: Electronic, infrared, optical sensor operations; Orbital analysis and characteristics, tracking, ballistic missile trajectories, space surveillance, and space warning systems
- Completion of space warning IST course and a minimum of 12 months experience in a space warning unit in a valid 1C6X1 billet
- Experience in the following: Administrative skills, Staffing, Written Communication, Leadership, Followship, Mentorship, Management of Resources, Teamwork, Team-building, Finance/Budget, Briefing/Public Speaking, ART, DRRS AFIT reporting, Emergency Management, and Fostering a healthy workplace
- Knowledge of Air Force Instructions/Pamphlets: AFI 36-2618, AF 36-2406, AF 1-1, Strategic Command Directive/ Instruction (SD)534-9, 534-16
- Be familiar with the mission of CAFS, and hardships associated with working at a remote site.
- Compliance with the medical standards for Ground Based Controller Duty as defined in AFI 48-123, Medical Examinations and Standards
- Ability to speak English clearly and distinctly as demonstrated by Reading Aloud Test administered IAW AF Pamphlet 48-133, Physical Examination Techniques
SPECIAL ANNOUNCEMENT CRITERIA

APPLICATION PROCEDURES

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.
1. **Specialty Summary.** Manages or performs duties to develop, sustain, and enhance space capabilities to defend national interests from attack and to create effects in the space domain to achieve Service, Combatant Command, and national objectives. Conducts space control, space force enhancement, and space force support operations using established tactics, techniques, and procedures. Related DoD Occupational Subgroup: 122100.

2. **Duties and Responsibilities:**

2.1. Detects, identifies, and maintains orbital parameters on earth satellite vehicles using optical and radar sensors.

2.2. Protects friendly satellite communications and disrupts adversary satellite communications by operating defensive and offensive space control systems.

2.3. Detects and tracks missile launches using a variety of ground and space-based sensors. Forwards information to appropriate command and control agencies.

2.4. Plans and executes satellite contacts, resolves emergencies, and performs satellite commanding during launch, early orbit, daily operations, and end-of-life testing. Performs launch and on-orbit operations for military satellites.

2.5. Performs range operations in support of ballistic missile and space launches and aeronautical tests to fulfill war fighting and national requirements for DoD, NASA, and commercial users.

2.6. Performs command and control functions at numerous C2 agencies such as the National Space Defense Center Combined Space Operations Center, regional Joint and Combined Air and Space Operations Centers, National Reconnaissance Operations Center, Missile Warning Center, and NORAD/USNORTHCOM Command Center.

2.7. Ensures operational effectiveness and suitability of space capabilities through operational testing and evaluation.

2.8. Replicates adversary space capabilities to improve combat training and increase readiness to respond and counter threats against space assets.

3. **Specialty Qualifications:**

3.1. **Knowledge.** Knowledge is mandatory of the following: Satellite C2 and principles of space and ground segments; space warning and control systems; range operations; orbital mechanics; electromagnetic spectrum; crew operations; data analysis procedures; sensor theory; data transmission, receiving, recording, and relaying theory; and administrative practices.

3.2. **Education.** For entry into this specialty, completion of high school with coursework in algebra is required. Coursework in physics, geometry, trigonometry, and/or computer science is desirable.

3.3. **Training.** For award of AFSC 1C631, completion of the 1C6 Enlisted Undergraduate Space Training (EUST).

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

3.4.1. 1C651. Qualification in and possession of AFSC 1C631, completion of 1C651 Career Development Course, 1 year of experience in a 1C6X1 position, and positional certification per applicable MAJCOM policy.

3.4.2. 1C671. Qualification in and possession of AFSC 1C651, completion of 1C671 Career Development Course and experience performing or supervising space systems operations functions and activities.

3.4.3. 1C691. Qualification in and possession of AFSC 1C671. Also, experience managing space systems operations activities.

3.5. **Other.** The following are mandatory as indicated:

3.5.1. For entry into this specialty:

3.5.1.1. See attachment 4 for entry requirements.

3.5.2. For entry, award, and retention of AFSCs 1C611/31/51/71:

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

3.5.3. For award and retention of these AFSCs:

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

3.5.3.2. **Specialty requires routine access to Top Secret/Sensitive Compartmented Information (TS/SCI) or similar environment. TS/SCI eligibility granted based upon the favorable adjudication of a SSBI is mandatory.

3.5.3.3. Submission of a Single Scope Background Investigation (SSBI) and TS/SCI eligibility granted based upon the favorable adjudication and IAW AFI 31-501, Personnel Security Program Management is mandatory.

**NOTE:** For non-prior service Airmen, submission of a SSBI and favorable TS/SCI eligible pre-screening is mandatory prior to entry into the AFSC 1C631 awarding course.

**NOTE:** The 1C631 AFSC awarding course requires an interim or fully adjudicated TS/SCI clearance by training day 70 or when access to course requires it, whichever comes first.

**NOTE:** Interim or final TS/SCI eligibility must be granted prior to retraining into AFSC 1C6X1.