



# Colorado Air National Guard

## Traditional

### Position Announcement

#### COANG 23-075



<https://coang.joint.afpims.mil/Jobs/Air-Traditional/>

<b>POSITION TITLE:</b> Engineering Craftsmen	<b>AFSC:</b> 3E571	<b>OPEN DATE:</b> 20-Nov-23	<b>CLOSE DATE:</b> 11-Dec-23
<b>UNIT OF ACTIVITY/DUTY LOCATION:</b> 140 Civil Engineer Squadron Buckley AFB, CO 80011		<b>GRADE REQUIREMENT:</b> <b>Minimum: E5 Maximum: E6</b>	
<b>SELECTING SUPERVISOR:</b> SMSgt Nick Chase	<b>VACANCY</b> 1147902	<b>PHYSICAL PROFILE:</b> (Officer N/A) PULHES – 333223 X Factor – G ASVAB – 49	

#### AREAS OF CONSIDERATION

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Traditional           | <input type="checkbox"/> Nationwide (Military eligible for membership in the COANG) |
| <input checked="" type="checkbox"/> Current COANG members | <input type="checkbox"/> Commissioning Opportunity                                  |
| <input checked="" type="checkbox"/> Enlisted              | <input type="checkbox"/> Officer  |

*\*All applicants MUST meet the grade requirement and physical/medical requirements outlined\**

#### DUTIES AND RESPONSIBILITIES

##### DUTIES and RESPONSIBILITIES:

Supervises, leads, plans, organizes, and directs all operations and readiness resource management activities within the EA shop and in support of MAJCOM/CE command staff mission requirements in areas below.

Technical ability to perform 3E5 duties as a specialist, operating autonomously in a joint operation to provide full GeoBase capabilities, including data collection, mapping, and troubleshooting.

Develops and establishes operation and maintenance procedures to ensure maximum efficiency. Collaborates with engineering and environmental planning functions to prepare and execute CE programs, projects, and plans for the unit when requested and deployed. Performs project review to ensure coordination is accomplished with all appropriate agencies.

Perform drafting duties. Interpret rough engineering sketches to produce working drawings using CAD/BIM techniques. Produce architectural, structural, civil, mechanical, and electrical drawings. Update Base Comprehensive Plans (BCP) and maintain record drawings. Plot and reproduce drawings.

Perform surveying duties. Conduct reconnaissance, site location, construction, and mapping surveys. Utilize auto-levels, electronic total stations, resource and survey grade GPS equipment and related instruments to complete surveys. Collect, convert, and present field survey data for civil engineering projects.

Perform GIS duties. Produce installation maps using a GIS interface. Create and maintain spatial, tabular and metadata to national standards. Combine disparate datasets from various organizations, with various projections and precisions. Query and analyze geospatial data for end-user applications.

Perform contract management duties. Manage and inspect construction and maintenance contracts. Interpret plans, specifications, and other contract documents. Coordinate, evaluate, monitor, and document contract activities and progress. Prepare recommendations for contract modifications. Review material submittals and evaluate procedures for compliance with contract specifications. Conduct pre-final, acceptance, and post acceptance inspections.

Perform standardized and expedient tests on soils, asphalt, and concrete. Collect, record, and interpret test data. Prepare reports for engineering evaluation.

**DUTIES and RESPONSIBILITIES (Cont'd):**

Develop preliminary engineering designs. Prepare cost estimates, performance work statements and specifications for existing and proposed facilities. Perform/understand simple load calculations for horizontal and vertical construction. Act as liaison between design, review, construction and using agencies.

Support contingency operations. Develop plans to bed-down personnel, aircraft, and associated support functions during contingency operations. Evaluate existing airfield pavements, lighting, navigational aids, markings, and arresting systems. Perform recovery operations to include explosive ordinance reconnaissance, airfield damage assessment, minimum operating strip selection, repair calculations, and airfield marking procedures.

**SPECIALTY QUALIFICATIONS:**

Experience in supervising and managing engineering resources functions and personnel. Ability to speak distinctly. Qualification to operate government vehicles. Experience in joint or combined engineering staff operations is very desirable. Must have extensive knowledge and application of algebra, geometry, and trigonometry. Global Positioning Systems (GPS) and Geographic Information System surveying (GIS) capability and Computer Aided Design (CAD) working ability. Completion of NCO Academy Course is desired. Supervisory and inter-personal skills are critical.

This is NOT an entry-level position. 3E571 required/TSgt and SSgt will be considered.

Applicants must have a demonstrated record of leadership, be of high moral character and integrity and possess excellent interpersonal and communication skills. The ability to attain and maintain a SECRET security clearance will be a condition of continued employment.

There is one (1) position available for this single announcement.

**APPLICATION PROCEDURES**

Interested applicants who meet the eligibility criteria listed in this announcement may apply by submitting the below listed documents to the location below. Complete applications must be received no later than 2359 on or before the closing date.

\*\*\*Selecting officials have the right to hold package review boards prior to in-person interviews\*\*\*

**Incomplete packages will not be considered for the position vacancy**

1. Cover Letter identifying the position you are applying for.
2. Civilian or Military Resume.
3. CURRENT (w/in 90 days) Records Review RIP (available on vMPF via AF Portal).
4. CURRENT Points Credit Summary (available on vMPF via AF Portal).
5. CURRENT and PASSING Report of Individual Fitness (from myFitness)
6. Additional requirements:

**Add any other documentation you want provided.**

**\*\*SUBMIT ELECTRONIC ONLY\*\***

**QUESTIONS?**

If you have any questions on package submission you may contact 720-847-9446/DSN 847-9446 or email to the below email addresses. If you have any position related questions please contact the selecting supervisor.

**E-MAIL APPLICATIONS TO MPS:**

joshua.thornton.1@us.af.mil

**OR:**

**SUBMIT APPLICATIONS VIA**

**AMRDEC SAFE: <https://safe.apps.mil/>**

joshua.thornton.1@us.af.mil

**REMARKS**

Federal law prohibits the use of government postage for submission of applications.

**THE COLORADO 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.