



**DEPARTMENT OF THE AIR FORCE
1 17TH AIR REFUELING WING (AMC)
SUMPTER SMITH JOINT NATIONAL GUARD BASE
5401 EAST LAKE BLVD BIRMINGHAM AL 35217-3545**

ACTIVE GUARD RESERVE (AGR) – MILITARY VACANCY ANNOUNCEMENT # 23-058

OPEN DATE: 14 SEPTEMBER 2023

EXPIRATION DATE: 14 OCTOBER 2023

Open To: NATIONWIDE

Number of Positions: 1

Position Title: SIGNALS INTELLIGENCE ANALYST

Position Number: 102828134

Minimum/Maximum Grade Authorized: A1C-TSGT

Duty AFSC: 1N2X1A ELIGIBLE

Security Clearance: TS/ SCI REQ'D

Unit/Duty Location: 117th INTELLIGENCE SQUADRON

Selecting Official: Lt Col Matthew Burns

HRO Remote: MSgt Samantha Crotzer (205) 714-2686

If your current grade exceeds the maximum grade of this announcement, you must submit a written statement indicating willingness to accept an administrative reduction.

APPLICATION REQUIREMENTS

- 1. Signed NGB Form 34-1, <https://www.ngbpd.c.ngb.army.mil/Portals/27/forms/ngb%20forms/ngb34-1.pdf?ver=2018-09-28-105133-833>**
- 2. Current Report of Individual Personnel (RIP): Obtain from Virtual Military Personnel Flight (vMPF)**
- 3. AF Form 422: Must be signed and verified within 6 months from your Medical Group**
- 4. Air Force Fitness Management System II (AFFMSII) Fitness Report: Must be Current and passing**
- 5. All applications must be submitted with a completed AGR Eligibility Checklist, found in ANGI 36-101. Your unit's HRO Remote Designee or the appropriate FSS representative must complete this checklist.**

Note: (E8/E9/O4/O5/O6 Only) Promotion and hiring is contingent upon control grade availability

Email completed application packages to:

**JFHQ-AL MDM
ATTN: MSG JIMMY L. ACOFF
ng.al.alarnng.list.j1-air-mdm@army.mil
P.O. Box 3711
Montgomery, AL 36109-0711**

All emailed packages must be in a single PDF

SIGNALS INTELLIGENCE

(Changed 31 Oct 21)

1. Specialty Summary. Acquires, processes, identifies, analyzes, and reports on electromagnetic emissions. Operates electronic equipment and computer systems to exploit signals intelligence production efforts. Related DOD Occupational Subgroup: 123100.

2. Duties and Responsibilities:

2.1. Performs signals intelligence (SIGINT) activities and operations. Performs operator and analyst duties to exploit non-communication and communication intelligence production activities. Performs signals exploitation to support electronic warfare (EW) and Information operations. Utilizes a wide range of complex analysis hardware and software to process signals, including receivers, demodulators, spectrum analyzers, and other associated computer equipment. Uses advanced computer software programs to manipulate and extract intelligence data from electromagnetic emissions. Operates computer terminals for data entry, query, data restructuring, and signals development. Interprets and renders preliminary analysis. Uses analytical aids and related reference material to help identify signals and detect abnormalities. Generates reports, incorporating analytical finds with intelligence information. Develops, manages, reviews, and evaluates intelligence production processes. Ensures signal exploitation activities are conducted in support of warfighter requirements and satisfies national and tactical tasked objectives. Supports intelligence agencies including the National Security Agency, Defense Intelligence Agency, and National Reconnaissance Office. Maintains databases of various signal types and activities using computer and hard copy products. Satisfies tasking managing resources for SIGINT activities. Notifies appropriate personnel and work centers of unusual activities or critical situations.

2.2. Collection and Processing. Collects, analyzes, and identifies communications/non-communication networks to identify various external signal parametrics and perform application of target identification for reporting vehicles updating national databases. Operates electronic search and related equipment. Search, monitor and exploit signal activity throughout the electromagnetic spectrum. Extracts electromagnetic emissions from real-time and recorded media, and performs technical and data analysis. Prepares and forwards media of selected transmissions. Plans, organizes, and directs signals exploitation activities.

2.3. Communication Signals Intelligence. Assembles operational and technical information on Communication Intelligence (COMINT), Foreign Instrumentation Intelligence (FISINT), and PROFORMA networks. Collects, display, analyze, demodulate, demultiplex, identify, and report communication signals and their users found in the radio frequency spectrum. Performs analysis and identification of known and unknown protocol and communication signals in support of Cyber Network Operations. Uses graphic and electronic analysis to determine internal and external characteristics of signals and to discern communications structures to extract intelligence and determine usage. Disseminates highly perishable information supporting Combatant Command/Theater/National requirements.

2.4. Electronic Intelligence. Assembles operational and technical information on Electronic Intelligence (ELINT), and Electronic Warfare (EW). Collects, processes, analyzes, and identifies operational technical measurable and descriptive characteristics of electronic signals through collection and processing of non-communication signals; as related to radar, weapons, or platforms. Evaluates records, operator logs, formats technical reports, and data from other activities and correlates the activity with other intelligence sources. Plans, organizes, and directs electromagnetic signals exploitation activities. Disseminates highly perishable information supporting CCMD/Theater/National Requirements. Uses advanced computer software programs to manipulate and extract intelligence data from electromagnetic emissions updating national databases. Annotates and forwards operational and technical characteristics of selected transmissions or reportable information.

2.5. Processes, exploits, and disseminates SIGINT products and conducts analysis concerning threat countries or targets of interest via written and/or verbal means. These products provide specificity and knowledge to commanders and national leaders to impact tactical through strategic level decision making processes.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of: intelligence and cryptologic support operations provided to commanders, service cryptologic elements, and national agencies; joint service relationships and operational concepts; tasking strategies; communications networks, radio wave propagation; modulation theory and techniques; radio communications procedures; operation of electronic equipment; functions and operations of electronic equipment; reporting formats and procedures; basic computer operations; directives for handling, distributing, and protecting defense information; and electronic principles applicable to signals collection and analysis; missions and functions of COMINT, ELINT, FISINT, PROFORMA, IO, and EW related to SIGINT operations.

3.2. Education. For entry into this specialty, completion of high school with courses in electronics, physics, algebra, trigonometry, and c o m p u t e r s is desirable.

3.3. Training.

3.3.1. For award of AFSC 1N2X1A, completion of the Electronic Signals Intelligence course is mandatory.

3.3.1.1. For U.S. Space Force, completion of the Electronic Signals Intelligence course and Space Warfighter Intelligence Formal Training Unit is mandatory until replaced by new courses as determined by US Space Force.

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3.3.2. For award of AFSC 1N2X1C, completion of the Communication Signals Intelligence Course is mandatory.

3.3.2.1. For U.S. Space Force, completion of the Communication Signals Intelligence Course and Space Warfighter Intelligence Formal Training Unit is mandatory until replaced by new courses as determined by US Space Force.

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

3.4.1. 1N251A. Qualification in and possession of AFSC 1N231A.

3.4.2. 1N251C. Qualification in and possession of AFSC 1N231C.

3.4.3. 1N271A. Qualification in and possession of AFSC 1N251A.

3.4.4. 1N271C. Qualification in and possession of AFSC 1N251C.

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 additional requirements.

3.5.2. For award and retention of AFSC 1N2X1:

3.5.2.1. When required for a current or future assignment, must successfully complete and pass a Counter Intelligence (CI) polygraph test and meet all customer access eligibility requirements. Airmen unable to access mission, systems and/or facilities after 12 months of investigation/security screening will be considered for retraining or separation.

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

3.5.3. For award and retention of AFSC 1N2XX:

3.5.3.1. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.

3.5.3.2. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, Air Force Personnel Security Program, is mandatory.

NOTE: Initial attendance in 1N2X1A/C AFSC awarding course without a completed T5 Investigation is authorized provided an interim T5 eligibility has been granted IAW DoDM 5200.02, AFMAN 16-1405. Airmen who cannot obtain at least an Interim T5 for programmed class-start are not eligible for entry into the AFSC. Award of the entry level without a completed T5 clearance is authorized provided an interim Top Secret/SCI eligibility has been granted by the DoD Central Adjudication Facility.

4. *Specialty Shredouts:

Suffix Portion of AFS to Which Related

A Electronic Non- Communications Analyst C Communications Analyst