

FLORIDA AIR NATIONAL GUARD
***** OFFICER VACANCY ANNOUNCEMENT *****

ANNOUNCEMENT NUMBER: DSG 23-03

CLOSING DATE: Open Until Filled

TITLE: Electromagnetic Warfare (AFSC: 13S1)
(OPEN Statewide to Florida Air National Guard, Commissioning Opportunity, Crosstrain Opportunity)

MAXIMUM AUTHORIZED GRADE: (O1-O3)

UNIT: 114 EWS, Cape Canaveral SFS, FL

DUTY STATUS: This is a Drill Status Guard (DSG) position, NOT full-time employment. Applicants are expected to meet all Unit Training Assemblies and Annual Training requirements annually.

Specialty Summary:

Leads Airman as an officer in the United States Air Force and the Florida Air National Guard. Leads crew operations and employs space and counterspace systems to provide joint force advantage in a contested, degraded and operationally limited environment. These systems include four major warfighting functions; Orbital Warfare (OW), Space Electromagnetic (SEW), Space Battle Management (SBM), and Space Access and Sustainment (S&AS). Performs major warfighting functions to support and defend the United States and allied forces. Serves as space operations advisor. Related DoD Occupational Group: 220700.

Duties and Responsibilities:

Leads efforts to organize, train, and equip space operations personnel to conduct Orbital Warfare, Space Electromagnetic Warfare, Space Battle Management, and Space Access and Sustainment activities to achieve and maintain US space superiority in support of national defense priorities.

Builds future plans, requirements, concepts, directives, and exercises for operational employment of systems and facilities. Establishes organizational structure, and determines personnel required to support mission areas. Establishes training requirements and performance standards for all systems. Recommends priorities for personnel allocation.

Coordinates space operations. Coordinates with national and international space agencies on space activities that support the major warfighting functions. These include but are not limited to satellite launch, space warning, tracking, control, and cataloging activities. Coordinates space systems network; launch and range control operations interfaces; and mathematical orbital analysis methodology activities with space system agencies. Correlates flow of information and interchange of techniques among sensors and C2 facilities. Advises commanders and staff on capability of offensive and defensive units to meet operational requirements, and on matters for operational effectiveness, combat readiness, organization, and training. Coordinates operations activities, plans, and programs to ensure adequate resources in preparing operations orders and to accomplish assigned mission.

Plans, organizes, and directs space operations programs. Directs unit space operations activities. Reviews command mission for priorities and specific objectives. Directs preparation and management of budget estimates and financial plans based on operational requirements and resources. Observes,

conducts, and evaluates effectiveness of space systems training, standardization, and evaluation programs. Inspects space activities and units for compliance with directives and standardized procedures. Writes space annexes to operation plans. Provides guidance on proper use and care of sensitive/classified materials. Conducts space operations activities, including satellite health and status; launch, early orbit, and on-orbit testing; contingency operations; orbital analysis and surveillance; space warning; space lift booster and payload processing; and dissemination of space situation data to all users.

Specialty Qualifications:

The following is mandatory for award of the 13S1 Air Force Specialty Code:

- ***Knowledge:***

13S3A/B/D/E. The following common knowledge and competencies is mandatory for award of the qualified AFSC with an A, B, D or E suffix: Space Mastery (environmental considerations, national space policy, national space strategy, space law and international norms, US space forces, orbital mechanics, space system engineering, space surveillance, electromagnetic spectrum, civil and commercial space), Space Warfighting (space information services, launch and range operations, space system sustainment, intelligence, battle management, command and control, orbital movement and maneuver, counterspace fires, protect), Warfighting Leadership (continuous improvement, mission analysis, tactical problem solving, risk-informed decision making, adaptability, warrior ethos). Joint Planning and Operations and Combat Readiness will be further developed through professional military education after weapon system qualification.

13S3A. Orbital Warfare: Operates spacecraft and commands crews to accomplish combat, training, and other missions. Maintains spacecraft health and safety during contested operations. Plans, executes, and assesses the employment of on-board and offboard resiliency capabilities. Plans, builds, executes, and assesses orbital engagement maneuvers. Defeats terrestrial-based and space-based attacks against spacecraft.

13S3B. Space Electromagnetic Warfare: Operates electronic attack, electronic protection, electronic warfare support systems and payloads. Defeats threats to space effects by protecting critical electromagnetic spectrum (EMS) dependencies. Denies adversary access to the EMS. Integrates EW into theater operations.

13S3D. Space Battle Management: Performs battle management for missile warning, missile defense and space protection missions. Operates surveillance and identification sensors to maintain threat custody. Employs sensors, data links and communications systems to prioritize tactical and operational tasks, information, and communication flow for battle space situational awareness. Executes, supervises, coordinates, or directs dynamic battle management of fires, force accountability, force package development and real-time targeting.

13S3E. Space Access and Sustainment: Leads, trains, and equips personnel supporting space system sustainment and operations. Manages maintenance and modification of space systems and associated systems. Manages system configuration, software updates, cyber surety and anomaly resolution for ground and space segments. Directs operations and maintenance of space access architecture (e.g., launch range, AFSCN, downlink sites). Directs acquisition and life-cycle logistics activities by managing systems, subsystems and equipment through their life cycle, including integrated logistics support activities and modernization, obsolescence and disposal planning.

- Education: For entry education requirements see Appendix A, 13S CIP Education Matrix.

13S – Space Operations

<i>Tier</i>	<i>Target Accession Rate</i>	<i>CIP</i>	<i>Education Program Description</i>	<i>Requirement</i>
1	> = 25%	14.02XX :	Aerospace, Aeronautical and Astronautical Engineering	Mandatory
		14.10XX :	Electrical, Electronics and Communications Engineering	
		14.19XX :	Mechanical Engineering	
		14.27XX :	Systems Engineering	
		27.XXXX :	Mathematics and Statistics	
		29.0305 :	Space Systems Operations	
		40.02XX :	Astronomy and Astrophysics	
2	> = 25%	11.01XX :	Computer and Information Sciences	Desired
		11.02XX :	Computer Programming	
		11.04XX :	Information Sciences/Studies	
		11.05XX :	Computer Systems Analysis	
		11.07XX :	Computer Science	
		11.08XX :	Computer Software and Media Applications	
		11.09XX :	Computer Systems Networking and Telecommunications	
		11.10XX :	Computer/Information Technology Administration and Management	
		14.0101 :	Engineering, General	
		14.04XX :	Architectural Engineering	
		1406XX :	Ceramic Sciences and Engineering	
		14.07XX :	Chemical Engineering	
		14.08XX :	Civil Engineering	
		14.09XX :	Computer Engineering	
		14.11XX :	Engineering Mechanics	
		14.12XX :	Engineering Physics	
		14.13XX :	Engineering Science	
		14.14XX :	Environmental/Environmental Health Engineering	
		14.18XX :	Materials Engineering	
		14.20XX :	Metallurgical Engineering	
		14.23XX :	Nuclear Engineering	
		14.32XX :	Polymer/Plastics Engineering	
		14.35XX :	Industrial Engineering	
		14.36XX :	Manufacturing Engineering	
		14.37XX :	Operations Research	
		14.38XX :	Surveying Engineering	
		14.39XX :	Geological/Geophysical Engineering	
		14.41XX :	Electromechanical Engineering	
		14.42XX :	Mechatronics, Robotics, and Automation	
		14.44XX :	Engineering Chemistry	
		29.0203 :	Signal/Geospatial Intelligence	
		29.0204 :	Command & Control (C3, C4I) Systems and	
		29.0205 :	Information Operations/Joint Information Operations	
		29.0207 :	Cyber/Electronic Operations and Warfare	
		29.0301 :	Combat Systems Engineering	
		29.0302 :	Directed Energy Systems	
		29.0304 :	Low-Observables and Stealth Technology	
		30.06XX :	Systems Science and Theory	
		30.08XX :	Mathematics and Computer Science	
		30.30XX :	Computational Science	
		40.08XX :	Physics	
3	< = 50%	XX.XXXX :	Any Degree	Permitted

- Training: The following training is mandatory for award of AFSC indicated:

13S3A/B/D/E. Completion of the prerequisite Officer Undergraduate Space Training (UST) prior to entry or in conjunction with a suffix specialized space operations Initial Qualification Training (IQT) / Mission Qualification Training (MQT) and Space Warfighting Follow-on (SWF) course is mandatory.

13S3A. Completion of an orbital warfare IQT/MQT/SWF course.

13S3B. Completion of a space electromagnetic warfare IQT/MQT/SWF course.

13S3D. Completion of a space battle management IQT/MQT/SWF course.

13S3E. Completion of a space access and sustainment IQT/MQT/SWF course.

If an IQT/MQT course does not exist for a specific unit or weapon system, the DAF/CFM or MAJCOM/FM will determine the award of a 13S3A/B/D/E AFSC specialty shredout.

*Specialty Shredouts:

Suffix Portion of AFS to Which Related

A Orbital Warfare

B Space Electronic Warfare

D Space Battle Management

E Space Access and Sustainment

For those persons not already commissioned, the applicant must successfully complete the TFOT/Total Force Officer Training at Maxwell Air Force Base, Montgomery AL. Course is MANDATORY and is 8-weeks in duration. Applicants not holding the fully qualified AFSC will be required to complete the required Intelligence Officer Course.

- Experience: The following experience is mandatory for award of AFSC indicated:

13S3A A minimum of 12 months of CMR experience in orbital warfare in a valid 13S billet.

13S3B. A minimum of 12 months of CMR experience in space electromagnetic warfare in a valid 13S billet.

13S3D. A minimum of 12 months of CMR experience in space battle management in a valid 13S billet.

13S3E. A minimum of 12 months of CMR experience in space access and sustainment in a valid 13S billet.

- Other. The following are mandatory for the AFSC indicated:

For entry into this specialty, member must participate in initial color vision testing with CCT. Scores less than 35 (severe color deficiency) may be considered for career field waiver.

Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environments. For award and retention of AFSCs 13SXX for TS/SCI eligibility, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, Air Force Personnel Security Program, is mandatory.

- NOTE: The 13SXX AFSC awarding course requires an interim or fully adjudicated T5 clearance by course start date.

Eligibility Requirements

- *Citizenship:* Must be a citizen of the United States.
- *Age:* For initial appointment as a line officer, applicant must be between 18 and 40 years of age.
- *Physical/Medical Requirements:* Must be in good physical condition and be medically qualified in accordance with applicable Air Force and Air National Guard regulations. Must meet Air Force and Air National Guard fitness standards prior to attending the Academy of Military Science (AMS).
- *Security Requirements:* Must be able to meet applicable security requirements to hold appropriate security clearances (Secret/Top Secret).
- *Air Force Officer Qualifying Test (AFOQT):* Must score a minimum AFOQT score of 15 (verbal) and 15 (quantitative).
- *Education:* A baccalaureate or higher degree from an educational institution listed in the current Accredited Institutions of Postsecondary Education is required.
- *Other:* Meet all other appointment requirements as established in ANGI 36-2005.

Application Procedures:

Complete **AF Form 24**, *Application for Appointment as a Reserve of the Air Force*, and **AF Form 2030**, *USAF Drug and Alcohol Abuse Certificate* (website: www.e-publishing.af.mil).

Detailed resume of military and/or civilian work and educational experience. All breaks in employment and/or educational pursuit should be fully explained. (Short biographies are NOT acceptable.)

Copy of college transcripts from ALL colleges and universities attended. Summary transcripts are NOT acceptable.

Current Report of Individual Person (RIP)

Current Point Summary

Physical Fitness Scores

Copies of last three (3) Officer Performance Reports (OPRs) or Enlisted Performance Reports (EPRs)

Conditional Release (If requesting transfer from the Air Force, Air Force Reserve, ANG of another state, or any other Military Component.)

Any DD Form 214, NGB Form 22, and discharge orders

Complete applications must be received by close of business on Open Until Filled to be eligible for consideration. Failure to provide all required documentation will result in elimination from further consideration.

Complete applications MUST be combined into one (1) single .pdf file format for submission. Other file formats such as .jpeg, .png, .tiff, will not be accepted. Please compile your application package documentation in the order listed above and create a single .pdf file.

Address application documents to:

POC

Lt Col Anthony Surman

anthony.surman.1@spaceforce.mil

For questions, please Email:

Lt Col Anthony Surman

anthony.surman.1@spaceforce.mil

The Florida Air National Guard is an equal opportunity employer. Applicants will be selected for appointment through a quality-oriented method of assessment which includes, but is not limited to, factors such as education, physical standards, experience, potential, motivation and moral qualifications.