DEPARTMENT OF THE AIR FORCE
Headquarters, US Air Force
Washington, DC 20330-1030

CFETP 1N1X1A
Parts I and II
14 May 2020

Air Force Specialty Code
1N1X1A
GEOSPATIAL INTELLIGENCE-IMAGERY ANALYST

CAREER FIELD EDUCATION AND TRAINING PLAN (CFETP)

CAREER FIELD EDUCATION AND TRAINING PLAN

Geospatial Intelligence-Imagery Analyst
AFSC 1N1X1A

Table of Contents

PART I

Preface 4

Section A – General Information 5
Purpose of the CFETP
Use of the CFETP
Coordination and Approval of the CFETP

Section B – Career Progression and information 7
Specialty Description
Skill/Career Progression
Apprentice Level (3)
Journeyman Level (5)
Craftsman Level (7)
Superintendent Level (9)
Training Decisions
Community College of the Air Force (CCAF)
Career Field Path

Section C – Skill Level Training Requirements 18
Purpose
Specialty Qualification Requirements
Apprentice Level (3)
Journeyman Level (5)
Craftsman Level (7)
Superintendent Level (9)

Section D – Resource Constraints 22

PART II

Section A – Specialty Training Standard 23

Section B – Course Objective List 43

Section C – Support Material 43

Section D – Training Course Index 43

Section E – MAJCOM Unique Requirement 45

Abbreviations/Terms explained 48

Summary of Changes: Line items have been revised to reflect changes in requirements. STS Intelligence Fundamental Core (Common Core) line items have been incorporated into the 1N1X1 STS where applicable. Other changes include the addition of the Space Domain, Publicly Available Information (PAI) line items and numerous content changes throughout. All 1N1X1A's should review this entire publication to better understand the changes and to guide their Airmen accordingly.

OPR: 315 TRS/XP
Certified By: Acting AF/A26 Enlisted ISR CFM (SMSgt Breana Oliver)
Supersedes: CFETP 1N1X1X, 16 September 2018
Number of Printed Pages: 49

GEOSPATIAL INTELLIGENCE- IMAGERY ANALYST
AFSC 1N1X1A
CAREER FIELD EDUCATION AND TRAINING PLAN

Part I

Preface

1. This publication implements Air Force Instruction 36-2651, *Air Force Training Program.* This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education/training requirements, training support resources, and minimum core task requirements for this specialty. The CFETP will provide personnel a clear career path to success and will instill rigor in all aspects of career field training. ***NOTE:*** Civilians occupying associated positions will use Part II to support duty position qualification training.

2. The CFETP consists of two parts; both parts of the plan are used by supervisors to plan, manage, and control training within the career field.

2.1. Part I provides information necessary for overall management of the specialty. Section A explains how everyone will use the plan. Section B identifies career field path progression information, duties and responsibilities, and training strategies. Section C associates each skill level with specialty qualifications (knowledge, training, education, experience, and other). Section D indicates resource constraints (for example: funds, manpower, equipment, and facilities). Section E identifies transition training guide requirements (when applicable).

2.2. Part II provides unit level supervisors and trainers the information necessary to identify, plan, and conduct training commensurate with the overall goals of this plan. Section A contains the Specialty Training Standard(s) supervisors will use to certify training. Section B contains course objective list/training standards (Not Used). Section C identifies available support materials (Not Used). Section D identifies where supervisors can find and determine resources available to support training, including both mandatory and optional courses. Section E is reserved to identify major command (MAJCOM) unique training requirements. The core Specialty Training Standard (STS) is Geospatial Intelligence-Imagery Analyst (1N1X1A). This STS identifies the duties, tasks, and technical references required to support unit training, establish Air Education and Training Command (AETC) training requirements, identify core/wartime tasks, and identify correspondence course requirements.

3. CFETP guidance ensures individuals in this specialty receive effective and efficient training at the appropriate point in their careers. This plan will enable us to train today's work force for tomorrow's jobs. At the unit level, supervisors and trainers will use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

Section A - General Information

4. Purpose. Air Force Career field managers (AFCFM), commanders, training managers, supervisors, trainers and the training wing use this CFETP to plan, develop, manage, and conduct an effective career field training program. This plan outlines the training that individuals in this AFS should receive in order to develop and progress throughout their career. This plan identifies initial skills, upgrade, qualification, advanced, and proficiency training. Initial skills training is the AFS specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. Normally, this training is conducted by AETC at one of the technical training centers. Upgrade training identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 5-, 7- and 9-skill levels. Qualification training is actual hands-on task performance training designed to qualify an Airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge required to do the job. Advanced training is formal specialty training used for selected Airmen. Proficiency training is additional training, either in-residence or exportable (online, MTT, etc.) advanced training courses, or on-the-job training provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade. This CFETP also serves the following purposes:

4.1. Serves as a management tool to plan, manage, conduct, and evaluate a career field-training program. Also, it is used to help supervisors identify training at the appropriate point in an individual's career.

4.2. Identifies task and knowledge training requirements for each skill level in the specialty and recommends education/training throughout each phase of an individual's career.

4.3. Lists training courses available in the specialty, identifies sources of training, and the training delivery method.

4.4. Identifies major resource constraints, which impact, full implementation of the desired career field training process.

5. Uses. The plan will be used by MFMs and supervisors at all levels to ensure comprehensive and cohesive training programs are available for each individual in the specialty.

5.1. AETC training personnel will develop/revise formal resident, non-resident, field and exportable training based on requirements established by the users and documented in Part II of the CFETP. They will also work with the AFCFM and AFSM to develop acquisition strategies for obtaining resources needed to provide the identified training.

5.2. MFMs will ensure their training programs complement the CFETP mandatory initial, upgrade, and proficiency requirements. Identified requirements can be satisfied by OJT, resident training, contract training, or exportable courses. MAJCOM-developed training to support this AFSC must be identified for inclusion into this plan.

5.3. Each individual will complete the mandatory training requirements specified in this plan. The lists of courses in Part II will be used as a reference to support training.

5.4. Converting to New CFETP. Document IAW AFI 36-2651, Chapter 6, for all past and current qualifications.

6. Coordination and Approval. The AFCFM is the approval authority. The AFSM, MAJCOM representatives, and AETC training personnel will identify and coordinate on the career field training requirements. The AETC training manager for this specialty will initiate an annual review of this document by AETC and MFMs to ensure currency and accuracy. Using the list of courses in Part II, they will eliminate duplicate training.

Section B - Career Progression and Information

7. Specialty Description.

7.1. Specialty Summary. Manages, supervises, and performs intelligence activities and functions including exploitation, development, and dissemination of multisensor Geospatial Intelligence products to support warfighting operations and other intelligence activities that achieve the commander's objectives. Related DoD Occupational Subgroup: 124200.

7.2. Duties and Responsibilities.

7.2.1. Performs research and analysis on multisensor imagery, geospatial data, and products in conjunction with all-source intelligence information. Determines type, function, status, location, significance of military facilities and activities, industrial installations, and surface transportation networks. Determines and reports type, function, and location of military equipment including ground, air, naval, missile, space, and electronic orders of battle. Uses multisensor imagery to conduct comparative analysis. Analyzes terrain to determine trafficability, potential landing zones and defensive fortifications. Analyzes structures of military and industrial installations to determine construction type and functionality. Prepares damage assessment reports detailing structural damage and weapons effects. Uses multispectral imagery to analyze and report the likelihood of military and non-military activities and monitors counter-violent extremist operations, through the use of a variety of sensors, in direct support of Major Conflict Operations (MCO), Humanitarian and Disaster Relief (HA/DR), and other special operations. Determines geospatial intelligence collection requirements to optimize collection strategies and submission of intelligence production requirements.

7.2.2. Performs imagery exploitation. Constructs queries and retrieves historical files to conduct analysis. Uses automated exploitation equipment to prepare, review, and transmit intelligence reports. Uses softcopy imagery and geospatial information systems to exploit, perform mensuration, annotate, and disseminate GEOINT products.

7.2.3. Performs targeting support functions to include target development, and combat assessment. Maintains and uses geospatial databases, target materials, imagery and other intelligence products. Utilizes multi-sensor imagery and geospatial data to determine geographic coordinates, vertical and horizontal measurements of objects and surrounding terrain. Uses maps, charts, geodetic products, and multi-sensor imagery to determine distance, azimuth, and location of targets.

7.2.4. Compiles and correlates imagery derived data and geospatial information in support of detailed target assessments. Uses information from other intelligence disciplines to conduct analysis of imagery and geospatial data. Prepares and conducts multi-sensor imagery and geospatial information derived intelligence briefings.

7.2.5. Manages, organizes, and submits GEOINT collection requirements. Determines proper sensor application and coordinates planning to satisfy intelligence problems. Works with mission team to plan mission, maintain collection list, identify collection sequence and provide specific targets' requirements. Validates collection requirements for strategic and tactical intelligence, surveillance, and reconnaissance (ISR) platforms. Determines exploitation requirements based on warfighter needs.

7.2.6. Provides imagery and geospatial exploitation support to Air Operations Center (AOC) processes, including collection management, Intelligence Preparation of the Operational Environment (IPOE), target development, and situational awareness.

8. Skill/Career Progression. Adequate training and timely progression from the apprentice to the superintendent skill level play an important role in the Air Force's ability to accomplish its mission. It is essential that everyone involved in training must do their part to plan, manage, and conduct an effective training program. The guidance provided in this part of the CFETP will ensure each individual receives viable training at appropriate points throughout their career.

8.1. Apprentice (3) Level. Initial skills in this specialty consist of the tasks and knowledge provided in the 3-skill level resident Geospatial Intelligence-Imagery Analyst Course, located at Goodfellow AFB, TX. Individuals must complete the initial skills course (X3ABR1N131A00AB) to be awarded AFSC 1N131A. Current requirements were identified during the Specialty Requirements Training Team **(**STRT) held on 11-13 March 2019 and validated during the U&TW 19 March 2020.

8.2. Journeyman (5) Level Upgrade Requirement. To qualify for award of the 5-skill level, Airmen must: (1) complete duty position qualification training; (2) complete the ISR 5-skill level Career Development Program (CDP); (3) complete upgrade training; (4) meet mandatory requirements listed in the specialty description in the Air Force Enlisted Classification Directory (AFECD) and CFETP; and (5) be recommended by their supervisor and approved by their commander. Supervisors may identify and standardize local tasks for upgrade with the AFCFM approval. Coordinate requests for AFCFM approval through the MAJCOM FM. UGT consists of completing duty position training/certification, any specified core task training, and appropriate courses as outlined in the CFETP.

8.2.1. ARC Upgrade Training: ARC requires a minimum of 12 months in upgrade training (9 months for retrainees). HQ AFRC/ANG is the authority for Time-in-training waivers for the ARC. For AFRC personnel time-in-training waivers are reviewed by AFRC/A1 and channeled through the AFRC/MFM for a final decision utilizing the Classification Waiver Guide. For the ANG personnel guidance on time-in-training waivers is identified in the ANG Classification Waiver Guide.

8.3. Craftsman (7) Level. To qualify for award of the 7-skill level, Airmen must: (1) be a SSgt or higher; (2) complete the ISR 7-skill level CDP (if applicable), core tasks identified in the CFETP and other duty position tasks identified by the supervisor, unit or HHQ; (3) meet mandatory requirements listed in the specialty description in the AFECD and CFETP; (4) complete upgrade training; (5) be recommended by the supervisor and approved by their commander.

8.4. Superintendent (9) Level. To qualify for award of the 9-skill level, Airmen must: (1) be at least a Senior Master Sergeant (SMSgt); (2) complete the ISR 9-skill level CDP (if applicable); (3) meet mandatory requirements listed in the AFECD; (4) and be recommended by their supervisor and approved by their commander.

8.5. Intelligence Occupational Badge. Wear the basic badge after completing technical school. Wear the senior badge after award of the 7-skill level, and wear the master badge as a Master Sergeant or above

with 5 years in the specialty from award of the 7-skill level. For retrainees, credit toward new badges starts upon entry into the new AFSC. EXCEPTION: Chief Master Sergeants cross-flowed into a new CEM Code wear the basic badge of their new career field upon award of the CEM Code, the senior badge after 12 months, and the master badge after 5 years. Ref AFI 36-2903.

9. Training Decisions. This CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Geospatial Intelligence-Imagery Analyst Specialty. The spectrum includes a strategy for when, where, and how to meet the training requirements. The strategy must be apparent and affordable, to reduce duplication of training and eliminate a disjointed approach to training.

9.1. Initial Skills. The Geospatial Intelligence-Imagery Analyst Analysis Apprentice Course was designed to provide graduates with the tools necessary to perform basic 3-skill level tasks immediately upon arrival at their initial intelligence duty assignment. These tools will afford them the opportunity to make an instant positive impact on mission accomplishment.

9.2. Proficiency Training. Any additional knowledge and skills that were not provided through initial skills or upgrade training fall under the auspices of continuation training. The purpose of the continuation program is to provide additional training that exceeds minimum qualification or upgrade training requirements with emphasis on present and future duty positions. MAJCOMs and joint activities must develop a continuation-training program that ensures personnel in the Geospatial Intelligence-Imagery Analyst Specialty receive the necessary training at the appropriate point throughout their career. The training program will identify both mandatory and optional training requirements.

9.2.1. Joint Targeting School (JTS). This school is located at Dam Neck Naval Air Station, VA and hosts intermediate level courses. The Joint Targeting Staff Course focuses on the application of the six-step Joint Targeting Cycle at the theater and operational levels of war and involves the presentation of concepts and theory associated with each step. The Joint Battle Damage Assessment Course is focused on the methodologies employed to accurately assess and communicate the effectiveness of military force delivered against a variety of generic targets and target models.

9.2.2. Advanced Global Intelligence Learning Environment (AGILE). AGILE is an IC collaborative learning environment that encourages the sharing of learning tools and solutions.
Experts throughout the community are working together to deliver relevant, timely and cost-effective learning solutions to the worldwide workforce.

9.2.3 NGA College. To enable access to the highest-quality learning experts, tools, and solutions for the GEOINT enterprise. Today, the College operates as part of the National Intelligence University System, where it serves both the internal needs of the Agency and the external needs of other organizations that comprise the NSG. The NSG represents the combination of people, technology, policies, capabilities, doctrine, activities, and community necessary to produce GEOINT in an integrated, multi-intelligence environment. The College connects to members throughout its community through a variety of forums that are generally led by the Community Geospatial-Intelligence Council (CGTC) and sponsored by the Office of Community Engagement (OCE).

9.2.3.1 Online Training. Blackboard is open to NGA civilian employees, military contractors, Intelligence Community officers, NSG partners, Department of Defense employees, Military Services, and others who have partnerships with NGA. Access the WWW Blackboard at https://geoint.blackboard.com or utilize AGILE at
JWICS: https://agile.dodiis.ic.gov/account-setup-information.html
SIPR: https://agile.dia.smil.mil/plateau/user/selfRegisterInit.do
NIPR: https://www.agile.mil/plateau/user/selfRegisterInit.do

9.2.3.2. NGA Mobile Training Teams. The NGC executes MTT scheduling twice per year through scheduling conferences. The training of the GEOINT professional is the NGC's and the MTT's highest priority. To accomplish this mission, the MTT executes training per an approved training calendar. The final approval for the MTT training calendar is with the course managers and the calendar is published twice a year. Training requests can be submitted via the JWICS web portal https://learn.nga.ic.gov/location-mtt or by contacting the Extended Learning Sites (ELS) region manager. The NGC will make every attempt to support all training requests, even requests that fall outside the normal planning cycle. Priority for training requests always goes to deploying units first.

9.2.3.3. NGA Extended Learning Sites (ELS). The External Learning Program (ELP) collaborates with members of the National System for Geospatial-Intelligence (NSG) and the Allied System for Geospatial-Intelligence (ASG) and satisfies their training needs through coordination with the GEOINT Learning Program (GLP) and Leadership and Professional Development (LPD) programs. The ELP facilitates its collaboration through MTT coordination, ELS regional alignment, and military service school integration. Although the ELP primarily organizes training, it is also responsible for some military GEOINT tradecraft instruction. For a site near you, please contact the NGC registrar at NGANGCRegistrar@coe.ic.gov

9.3. Language Training

9.3.1. Language Enabled Airman Program (LEAP). Leap is designed and managed by the AFCLC. LEAP deliberately develops a core group of language enabled, cross-cultural Airmen across the General Purpose Force (GPF) with working level foreign language proficiency per Air Force Instruction (AFI) 36-4001, Air Force Language, Regional Expertise and Culture Program. With these skills, Airmen can better support the application of airpower through strengthening partnerships and interoperability.

9.3.1.1. Participation in LEAP is voluntary and available for Active Duty officer and enlisted Airmen & select Reserve officers. To become a LEAP scholar, Airmen must demonstrate proficiency in a foreign language specified on the Air Force Strategic Language List, receive endorsement from their unit commander, and compete via a board process. Selection to LEAP is based on applicants' existing language proficiency, potential to achieve higher levels of language proficiency, and Air Force language requirements.

9.3.1.2. LEAP develops and sustains Airmen via a two-part system of recurring online training and periodic immersions. Online eMentor courses are a LEAP requirement, and participants are encouraged to complete a course within the first 18 months of selection to the program. The hands-on immersion component - Language Intensive Training Events (LITEs) - is contingent upon participant availability and home station approval.

9.3.1.3. LEAP scholars may earn the LEAP Special Experience Identifier (SEI) upon meeting eligibility criteria which may qualify them for Foreign Language Proficiency Bonus (FLPB) pay and other language-related opportunities. The LEAP SEI is used by force managers to match Airmen with language dependent assignments, deployments, and TDYs, with roles that include international affairs, security cooperation, mobility advisory, and special operations. Other benefits to LEAP membership include access to social media, networking tools, and mentoring from senior LEAP scholars and Foreign Area Officers (FAO).

10. Certification/Credentialing Programs

10.1. Occupational Instructor Certification. Upon completion of instructor qualification training, consisting of the instructor methods course and supervised practice teaching, CCAF instructors who possess an associate degree or higher may be nominated by their school commander/commandant for certification as an occupational instructor.

10.2. CCAF Instructor Certification. It provides CCAF faculty a structured professional development track and tangible recognition for advanced levels of knowledge, skills, education and training, and instructional experience. The strengthened CCAF Instructor Certification (CIC) program aligns well with comparable state teacher certification requirements.

10.3. Trade Skill Certification. When a CCAF student separates or retires, a trade skill certification is awarded for the primary occupational specialty. The College uses a competency-based assessment process for trade skill certification at one of four proficiency levels: Apprentice, Journeyman, Craftsman/Supervisor, or Master Craftsman/Manager. All are transcribed on the CCAF transcript.

10.4. GEOINT Professional Certification (GPC). The GPC is a part of a broader Under Secretary of Defense for Intelligence (USD(I)) initiative to further professionalize the Department of Defense Intelligence Enterprise (DIE) Workforce. The GPC will ensure that credentialed GEOINT practitioners have demonstrated proficiency in a common set of competencies. This certification program facilitates the advancement of professional development and training standards, promotes better synchronization and alignment of individual capabilities with the DIE through portable credentials, and further professionalizes the workforce. GPC applies to all DoD civilian, military and contractor practitioners in GEOINT-related analytic tradecraft roles throughout the National System of Geospatial-Intelligence (NSG). https://www.nga.mil/Careers/Pages/GEOINT-Professional-Certification.aspx.

10.5. Certified GEOINT Professional (CGP). Provides a foundation on which GEOINT professionals can certify the knowledge, skills, and abilities necessary for successfully meeting the duties and responsibilities within the multi-faceted GEOINT tradecraft. Moreover, the CGP Program provides certified Analyst a means to grow in their profession as the tools, technologies, and systems in GEOINT change. The CGP Program advances the use of GEOINT by setting agreed upon standards for the profession, providing a means for organizations to identify and develop qualified GEOINT professionals, contributing to the career success and continued competence for GEOINT professionals, and improving the credibility and visibility of the GEOINT profession across government, industry, and academia.

10.5.1. Certified GEOINT Professional-Essentials (CGP-E). Certified GEOINT Professional-Essentials (CGP-E) assesses foundational knowledge of the four major competencies in the Geospatial Intelligence

(GEOINT) Essential Body of Knowledge (EBK): Remote Sensing & Imagery Analysis (RS), Geographic Information Systems (GIS) and Analysis Tools, Geospatial Data Management (GDM), and Data Visualization (DV). The exam is intended for students graduating from USGIF accredited academic programs and new professionals to the GEOINT field.

10.5.2. Certified GEOINT Professional-GIS & Analysis Tools (CGP-G). Certified GEOINT Professional-GIS & Analysis Tools (CGP-G) describes the knowledge necessary to ensure the various elements and approaches of GIS and analysis are properly understood in order to successfully capture, store, manage, and visualize data that is linked directly to a location.

10.5.3. Certified GEOINT Professional-Remote Sensing & Imagery Analysis (CGP-R). Certified GEOINT Professional-Remote Sensing & Imagery Analysis (CGP-R) describes the knowledge necessary to generate products and/or presentations of any natural or manmade feature or related object or activity through platforms, sensors, and other similar means. This competency area contains the knowledge necessary to synthesize technical, geographic, and intelligence information derived through the interpretation or analysis of imagery and collateral materials as well as the processes, uses, interpretations, and manipulations of imagery for dissemination.

10.5.4. Certified GEOINT Professional- Geospatial Data Management (CGP-D). Certified GEOINT Professional- Geospatial Data Management (CGP-D) describes the knowledge required to acquire, manage, retrieve, and disseminate data to facilitate integration, analysis, and synthesis of geospatial information.

10.6. Intelligence Fundamentals Professional Certification (IFPC). The Intelligence Fundamentals Professional Certification (IFPC) was developed to accomplish the goal set forth by the Under Secretary of Defense for Intelligence (USD(I)) to professionalize the defense intelligence workforce. The IFPC has established a common standard of the fundamental knowledge and skills expected of all who currently serve in and support, and those who hope to serve in and support, the DoD Intelligence Enterprise (DIE). The IFPC is based on cross-cutting and enterprise-wide Defense Intelligence Fundamentals standards, which depict the core expectations of what all Defense Intelligence Professionals, regardless of Service/Agency, Function/Specialty and experience level, must know and be able to do to successfully execute and contribute to the execution of intelligence missions, functions, and activities at the fundamental level. The IFPC will also serve to ensure incoming defense intelligence professionals meet knowledge standards.

10.7. All Source Analysis (ASA) Professional Certification Program. The DoD All-Source Analysis (ASA) Professional Certification Program is part of the DoD-wide initiative to professionalize the intelligence workforce. The development of professional certification programs ensures an integrated, agile intelligence workforce that can meet the department's needs in a dynamic environment. The ASA Professional Certification Program not only assesses eligible candidates' knowledge and performance of All-Source Analysis skills, but also emphasizes continued analytic competence through lifelong learning and practice. The program plans to have three progressive credentials, each building on the competency and knowledge of the one before.

10.7.1. Certified DoD All-Source Analyst I (CDASA-I). The CDASA-I certification has been accredited by the National Commission for Certifying Agencies (NCCA). The CDASA-I credential is

conferred, by USDI, on analysts with 2 years of validated ASA experience, that pass the CDASA-I exam, and sign an ethics statement. After 3 years, analysts must recertify by either retesting or advancing to CDASA-II. The CDASA-I exam is open to current DoD Civilian and Military (to include Coast Guard) All-Source Analysts only, and who are in good standing with their respective Components. Exams are offered at no cost through over 23 worldwide testing sites. All candidates must have an AGILE account on JWICS to participate in the program. Candidates may enroll in the Curriculum on AGILE (found on JWICS at https://agile.dodiis.ic.gov/) by searching for "DIA-INA-CUR-5000", to register for the CDASA-I program.

10.8. Intelligence Community Advanced Analyst Program (ICAAP). The program consists of 10 advance courses offered by CIA, DIA, NGA, FBI, etc. The analysts are required to complete five core courses and five electives in the intelligence discipline within three years of enrollment. Each class has to be instructor led by an approved ICAAP cadre, about 40 hours long.

10.9. AF Credentialing Opportunities On-Line (AF COOL). AF COOL further professionalizes Airmen by providing up-to-date industry recognized credentials in an Airman's AF occupation. It also provides a way for Airmen to prepare for civilian life by ensuring that they are ready for work in the civilian sector. Additional information for this program can be found at: https://www.my.af.mil/afvecprod/afvec/Public/COOL/ViewAFSC.aspx?AFSC=sWfwJBGwXng%3d

11. Degree Programs

11.1. Community College of the Air Force. Enrollment in CCAF occurs upon completion of basic military training. CCAF provides intelligence personnel in AFSC 1N1X1A the opportunity to obtain an Associates in Applied Sciences Degree in Intelligence Studies and Technology.

11.1.1. Degree Requirements. Prior to completing an associate degree, the 5-level must be awarded, and the following requirements must be met:

	Semester Hours
Technical Education	24
Leadership, Management, and Military Studies	6
Physical Education	4
General Education	15
Program Elective	15
Total	64

11.1.1.1. Technical Education (24 Semester Hours): A minimum of 12 semester hours of Technical Core subjects/courses must be applied and the remaining semester hours applied from Technical Core/Technical Elective courses.

11.1.1.2. Leadership, Management, and Military Studies (6 Semester Hours): Professional military education and/or civilian management courses.

11.1.1.3. Physical Education (4 Semester Hours): This requirement is satisfied by completion of Basic Military Training.

11.1.1.4. General Education (15 Semester Hours): Applicable courses must meet the criteria for the General Education Requirements (GER) and be in agreement with the definitions of applicable General Education subjects/courses as provided in the CCAF General Catalog.

11.1.1.5. Program Elective (15 Semester Hours): Satisfied with applicable Technical Education; Leadership, Management, and Military Studies; or General Education subjects/courses, including natural science courses meeting GER application criteria. Six semester hours of CCAF degree applicable technical credit otherwise not applicable to this program may be applied. See the CCAF General Catalog for details regarding the Associates of Applied Science for this specialty.

11.2. National Intelligence University (NIU). The National Intelligence University (NIU) is a regionally accredited institution offering military and civilian personnel working in intelligence or intelligence/security-related specialties the opportunity to enroll in professional intelligence undergraduate or graduate-level study in full- or part-time programs. Coursework concentrates on a variety of intelligence disciplines to include collection; analysis; regional studies; information operations; intelligence, surveillance and reconnaissance; national security issues; and strategic intelligence in the joint environment. NIU educates future leaders who are full partners with their policy, planning, and operations counterparts and who are able to anticipate and tailor the intelligence required at the national, theater and tactical levels. Classes have an Intelligence Community student mix from all services and the federal government. The college is located in Roberdeau Hall on the IC Campus Bethesda (ICC-B) in Bethesda, MD.

11.2.1. Bachelor of Science in Intelligence (BSI): The BSI degree is offered through the National Intelligence University as a fourth-year degree completion program that affords those students who have earned three years of undergraduate credits a means of completing their degree requirements. The 11-month intelligence curriculum consists of eleven core courses and six electives to include a summer term capstone project focusing on a current intelligence issue.

11.2.2. Master of Science in Strategic Intelligence (MSSI). The MSSI program confers a graduate degree by completing 600-and 700-level courses, plus a master's thesis on an intelligence-related topic. This program is offered on a full-time or part-time basis. All prospective National Intelligence University students must be U.S. citizens who are members of the U.S. Armed Forces or federal government employees. All applicants must possess an active TS/SCI security clearance.

11.2.3. Master of Science and Technology Intelligence (MSTI). The MSTI program confers a graduate degree by completing 600-and 700-level courses, plus a master's thesis on a science and technology intelligence topic within the selected S&T concentration that contributes to the overall knowledge base of the Intelligence Community. All prospective National Intelligence University students must be U.S. citizens who are members of the U.S. Armed Forces or federal government employees. All applicants must possess an active TS/SCI security clearance.

11.2.4. Eligibility Criteria:

11.2.4.1. NIU programs are open to military service members and U.S. government employees who are U.S. citizens and who hold finalized Top Secret/SCI clearances.

11.2.4.2. The program is open to Air Force active duty and Reserve Component NCOs in the grades of E-5 select through E-8 and civilians from GG-09 to GG-15.

11.2.4.3. Applicants must have four years intelligence or intelligence-related experience for the BSI program and 5 Years for the MSSI and MSTI programs.

11.2.4.4. Military applicants must be PCS eligible. Further criteria are defined annually and conveyed via an AF/A2 message to the field.

11.2.4.5. Military members must have three years retainability upon class graduation. Personnel will incur a three-year active duty service commitment upon graduation/program completion.

11.2.4.6. Military members must have completed Professional Military Education commensurate with their grade.

11.2.4.7. Individuals who have previously attended the NIU undergraduate program or any other intern-type program may still apply for graduate studies but must have at least four years between attendances.

11.2.5. Application Process: Air Staff calls for nominations for this program annually in the summer timeframe via formal message traffic. Application period for part-time programs occur more frequently throughout the academic year. For further information on applying to the National Intelligence University, visit http://www.ni-u.edu/

11.3. Air Force Institute of Technology (AFIT). The Air Force Institute of Technology, or AFIT, is the Air Force's graduate school of engineering and management as well as its institution for technical professional continuing education. A component of Air University and Air Education and Training Command, AFIT is committed to providing defense-focused graduate and professional continuing education and research to sustain the technological supremacy of America's air and space forces. For further information on applying to the Air Force Institute of Technology, visit https://www.afit.edu/.

11.4. Joint Military Intelligence Training Center (JMITC). JMITC is the DOD's premier schoolhouse for all-source intelligence training, taught by a cadre of highly experienced, certified instructors in a collaborative environment. Since 1993, JMITC has been responding to the evolving core intelligence tradecraft learning requirements of DIA and other Department of Defense, Intelligence Community, and Allied intelligence professionals. We provide training in-residence at the Defense Intelligence Agency Headquarters (DIA HQ), through mobile training teams and virtually. Additionally, we continue to explore other delivery options via social media tools and online tools for expanding our reach and supporting our students after they have completed formal training and returned to the workplace.

11.5. Intelligence Community Advanced Analyst Program (ICAAP). The ICAAP is designed to deepen the tradecraft skills to the Intelligence Community's analytic corps and advance the profession of intelligence analysis. It is intended to meet the tradecraft needs of experienced officers, particularly those aspiring to leadership roles either as a senior analyst or as a manager of analysts. ICAAP builds upon the basic tradecraft skills offered at the various IC and DOC agencies and exposes participants to the best analytic work- and the processes for accomplishing it. The ICAAP's mission is to advance the intelligence analysis profession through tradecraft skills that makes prudent and responsible use of government resources. Analysts must have four year's analytic experience in the IC or equivalent

program experience in the national security arena. Analysts must have completed entry-level analyst training at their home agency. Analysts must hold a TS//SI/TK level clearance

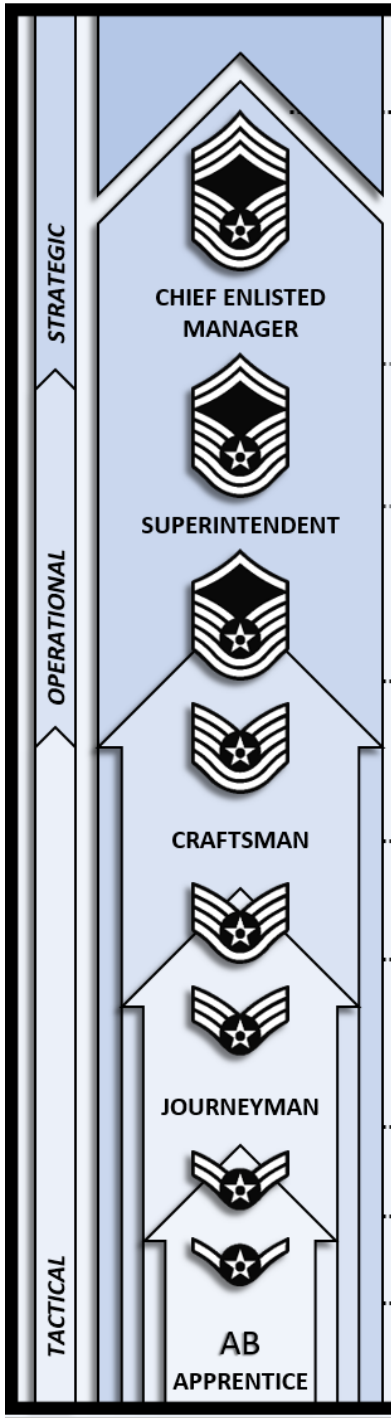
11.6. INTELLIGENCE ANALYSIS CAREER TRAINING (IACT) PROGRAM. IACT incorporates hybrid instructional method that includes lectures, readings/journal entries, and practical exercises aimed at teaching critical thinking skills, structured analytic techniques, and writing and briefing in the intelligence style. Instruction includes utilization of experts in the field of intelligence analysis to provide more in-depth lessons on issues in various functional intelligence disciplines, such as: terrorism, transnational organized crime, and other law enforcement specialties. Air force, air defense, missiles and space, and other NASIC-related specialties. Regional and functional Intelligence Community areas, such as WMD and cyber analysis. Site visits, professional development work, and bring in potential employers to describe what they do and what they are looking for in prospective hires. The program finishes with a 4-week-long experiential learning program focusing on law enforcement analysis.

12. Internship Programs

12.1. Geospatial-Intelligence Career Advancement Program (GCAP). 3-year GEOINT internship for 1N1X1A at NGA is a developmental opportunity that combines formal academic curriculum from the NGA College and on-the-job training assignments throughout NGA which will enhance the individual's capability to perform advanced GEOINT analysis and specialized GEOINT duties worldwide. A 3-year active duty service commitment will be required upon completion of the program. For further information on applying to the Geospatial-Intelligence Career Advancement Program contact your supervisor, superintendent, or functional manager for details. Call for packages takes place every fall with a RNLTD of the following summer.

12.2. Education with Industry (EWI). Duration: 10 months (Sep - Jun), PCS required. One member from across all 1NX career fields is chosen per year. Candidates are competitively selected by Air Force Personnel Center, SSgt – SMSgt are eligible. A 3-year active duty service commitment will be required upon completion of the program. Provides members a hands-on educational experience with industry not obtainable in the Air Force. Exposes Air Force members to business best practices by immersing them with a variety of industry partners. Develops future Air Force leaders with business acumen and empathy that can be used to enhance cross functional government teams.

1N1X1A CAREER DEVELOPMENT PATH*



COMMAND LEVEL	POSITION	FORMAL TRAINING OJT/FTU/MTT	PROFESSIONAL INTEL SKILLS DEVELOPMENT	PME
UNIT / WING / JOINT / AEF INSTRUCTOR SPECIAL DUTY NAF / MAJCOM / HQ NATIONAL AGENCY	**COMMAND CHIEF** **CAREER FIELD MANAGER** **MAJCOM FUNCTIONAL MANAGER** **CHIEF ENLISTED MANAGER** **SQ SUPERINTENDENT**	Senior Enlisted ISR Master Skills Course OJT	**PROFESSIONAL RESIDENT / CORRESPONDENCE COURSES** *National Intelligence University* *Intelligence Analysis Career Training* *Joint Military Intelligence Training Center* *Air Force Institute of Technology*	**Phase 4 EPME:** **Chief Leadership Course** *Must be a CMSgt* **Senior Enlisted Joint PME II** *MSgt through CMSgt* **Phase 3 EPME:** **USAF Senior NCO Academy** *MSgt or SMSgt* **Sister Service Academy**
	SECTION CHIEF **FLIGHT CHIEF** **SUPERINTENDENT** **MANAGER** *GCAP Internship* *EWI Internship*			
UNIT / WING / JOINT / AEF INSTRUCTOR SPECIAL DUTY NAF / MAJCOM NATIONAL AGENCY	**NCOIC** *Imagery Mission Supervisor* *Collection Manager* *Instructor* *GCAP Internship* *EWI Internship*	Fundamentals of ISR Operations and Collections Course Master Instructor Criteria NGA Courses ACC Instructor Leadership Orientation Course	*Intelligence Community Advanced Analyst Program* *Intelligence Fundamentals Professional Certification*	**Phase 2 EPME:** **Noncommissioned Officer Academy** *Must be a TSgt* **Senior Enlisted Joint PME I** *SSgt and above*
UNIT / WING / JOINT / AEF INSTRUCTOR SPECIAL DUTY				
UNIT / WING / JOINT / AEF SPECIAL DUTY	**STUDENT** **GEOINT ANALYST TECHNICIAN** *Imagery Analyst* *Geospatial Analyst* *ISR Tactical Controller*	FTU/OJT/IQT/MQT NGA Courses Basic Instructor Course	**PROFESSIONAL RESIDENT / CORRESPONDENCE COURSES** *Various GEOINT Certifications:* *GPC, ASACP, USGIF*	**Phase 1 EPME:** **Airman Leadership School** *SSgt/SSgt select/SrA w/48 mos*
UNIT				
TECH TRAINING	**STUDENT**	Geospatial Intelligence Imagery Analysis Course FTU/OJT NGA Courses		**N/A**
TECH TRAINING	**STUDENT**			

*Developmental path is not all encompassing for Imagery Analyst

Section C - Skill Level Training Requirements

13. Purpose. Skill level training requirements in this career field are defined in terms of tasks and knowledge requirements. This section outlines the specialty qualification requirements for each skill level in broad, general terms and establishes the mandatory requirements for entry, award and retention of each skill level. The specific task and knowledge training requirements are identified in the STS, located in Part II, Section A of this CFETP.

13.1. Apprentice Level Training (1N131A):

13.1.1. Specialty Qualification.

13.1.1.1. Mandatory knowledge areas:

- Basic imagery interpretation principles, techniques, and procedures for imagery exploitation, reports, and presentations
- Air Force, DoD, and national imagery intelligence collection systems and procedures
- Techniques of combining, analyzing, and evaluating imagery intelligence
- Use of national geospatial data, information and intelligence data systems, maps, charts, grid systems, and interpreting equipment to solve geospatial intelligence problems; mosaic and geo-rectified image construction
- Intelligence reference materials; fundamental mensuration techniques; distribution of geospatial intelligence; requirements for, sources and uses of geospatial intelligence data; production of geospatial related target materials
- Security controls, classifications, markings, and handling restrictions

13.1.1.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Completion of courses in mathematics, advanced English, photography, and computer applications is desirable.

13.1.1.3. Training. For award of this skill level, completion of the Geospatial-Intelligence Analyst Course is mandatory.

13.1.1.4. Experience. None required.

13.1.1.5. ISR Resiliency Training: The Intel CFM has approved the use of the "&" symbol to identify training to be conducted at Goodfellow for ISR resiliency. This training will be conducted but will not require a "Go/No-Go" measurement assessment during the 3-level AFSC awarding course due to resiliency being an annual AF requirement and measured via other means throughout an Airmen's career.

13.1.1.6. Other. For entry into this specialty completion of a current Single Scope Background Investigation (SSBI) according to AFMAN 16-1405, Air Force Personnel Security Program, is required.

13.1.2. Training Sources and Resources. Completion of the Geospatial-Imagery Analysis Course at Goodfellow AFB, TX satisfies the knowledge and task performance training requirements specified in the specialty qualification section for award of the 3-skill level. Column 4A within the 1N1X1A Specialty

Training Standard (Part II, Section A of this CFETP) identifies all the knowledge and tasks with their respective proficiency levels.

13.1.3. Implementation. Entry into training is accomplished through the established pipeline training process and by approved retraining from any AFSC at the 5-skill level or higher (or 3-skill level, if no 5-skill level exists).

13.2. Journeyman Level Training (1N151A):

13.2.1. Specialty Qualification.

13.2.1.1. Mandatory knowledge areas:

- Geospatial exploitation principles, tactics, techniques, and procedures (TTPs) associated with the exploitation, production, and reporting of geospatial products
- Air Force, Department of Defense, and national imagery and geospatial intelligence organizations and collection systems
- Use of maps, charts, grid systems, and interpretation equipment; intelligence reference files; mensuration techniques
- Information security
- Military theory

13.2.1.2. Education. Completion of a CCAF Associates Degree of Applied Sciences in Intelligence Studies and Technology, or a similar associate degree program is highly recommended. Additionally, completion of college level courses in speech, advanced English, mathematics, computer applications, intermediate intelligence research, social and political sciences and training programs are desirable.

13.2.1.3. Training. For award of AFSC 1N151A, completion of the Geospatial Intelligence-Imagery Analyst Apprentice Course is mandatory.

13.2.1.4. Experience. Qualification in and possession of AFSC 1N131A is mandatory. Experience in functions such as imagery exploitation, mensuration, digital/physical map and chart reading, reporting, distributed geospatial and imagery related intelligence is also mandatory.

13.2.1.5. Other. For award and retention of this skill level completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, Personnel Security Program Management is required.

13.2.2. Training Sources and Resources. Completion of the 5-level Career Development Plan (CDP) satisfies AFSC agnostic-training requirements for all USAF 1NX career fields. The STS identifies the core tasks required, if any, for qualification. UGT and QT are provided by qualified trainers using the training references identified in the STS and organizational unique training references, as applicable.

13.2.3. Implementation. Entry into 5-level UGT is initiated after the individual has completed 3-level basic skills training and according to AFI 36-2651. Upon entry into UGT, personnel will be administered their CDP and undergo OJT to become certified in all 5-level core tasks, if any, reflected in the STS.

Students must also complete the ISR CDP. Additionally, QT is initiated anytime an individual is assigned duties they are not qualified to perform.

13.3. Craftsman Level Training (1N171A):

13.3.1. Specialty Qualification

13.3.1.1. Mandatory knowledge areas:

- Intermediate imagery exploitation principles, techniques, and procedures associated with the exploitation, production, and reporting of GEOINT products
- Air Force, Department of Defense, and national imagery intelligence and GEOINT organizations and collection systems
- Use of maps, charts, grid systems, and interpretation equipment
- Intelligence reference files
- Intermediate mensuration techniques
- Information security
- Military theory and force employment doctrine

13.3.1.2. Education. Completion of a CCAF Associates Degree of Applied Sciences in Intelligence Studies and Technology, or a similar associate degree program is highly recommended. Additionally, completion of college level courses in speech, advanced English, mathematics, photography, computer applications, intermediate intelligence research, social and political sciences and training programs are desirable.

13.3.1.3. Training. For award of AFSC 1N171A, completion of the Geospatial Intelligence-Imagery Analyst Apprentice Course is mandatory.

13.3.1.4. Experience. Qualification in and possession of AFSC 1N151A is mandatory. Also, experience in functions such as imagery exploitation, mensuration, digital/physical map and chart reading, reporting, and distributing imagery and geospatial related intelligence is mandatory.

13.3.1.5. Other. For award and retention of this skill level completion of a current Single Scope Background Investigation (SSBI) according to AFMAN 16-1405, Air Force Personnel Security Program, is required.

13.3.2. Training Sources and Resources. The STS identifies the core tasks required for qualification. UGT and QT are provided by qualified trainers using the training references identified in the STS and organizational unique training references, as applicable.

13.3.3. Implementation. Entry into 7-level UGT is initiated when an individual possesses the 5-skill level and receives notification of promotion selection to SSgt. Upon entry into UGT, personnel will be administered their CDP, if applicable, and undergo OJT to become certified in all 7-level core tasks reflected in the STS. Additionally, QT is initiated anytime an individual is assigned duties they are not qualified to perform.

13.4. Superintendent Level Training (1N191):

13.4.1. Specialty Qualification.

13.4.1.1. Mandatory knowledge areas:

- Advanced Imagery exploitation principles, techniques, tactics and procedures associated with the exploitation, production, and reporting of GEOINT products
- Air Force, Department of Defense, and national imagery and GEOINT organizations and collection systems
- Use of maps, charts, grid systems, and interpretation equipment
- Uncontrolled and controlled mosaic construction
- Intelligence reference files
- Advanced mensuration techniques
- Image rectification
- Information security
- Military theory and force employment doctrine
- Manpower and unit employment documents, and policy

13.4.1.2. Education. Completion of a bachelor's degree in such areas as social and political science, photography, or computer information science is recommended. Completion of additional intelligence professional development programs such as the, Quality of Analysis Program, Bachelor of Science of Strategic Intelligence (BSI), Master of Science of Strategic Intelligence (MSSI), Master of Science and Technology Intelligence (MSTI), and other intelligence research and education programs are highly desirable.

13.4.1.3. Training. No additional requirements.

13.4.1.4. Experience. Qualification in and possession of AFSC 1N171A is mandatory. Experience in functions such as managing, leading, collecting, interpreting, analyzing, and distributing imagery and geospatial related intelligence and its production are mandatory.

13.4.1.5. Other. For award and retention of this skill level completion of a current Single Scope Background Investigation (SSBI) according to AFMAN 16-1405, Air Force Personnel Security Program, is required.

13.4.2. Training Sources and Resources. None.

13.4.3. Implementation. None.

Section D - Resource Constraints

14. Purpose. This section identifies known resource constraints which preclude optimal/desired training from being developed or conducted, including information such as cost and manpower. Narrative explanations of each resource constraint and an impact statement describing what effect each constraint has on training are included. Also included in this section are actions required, office of primary responsibility, and target completion dates. Resource constraints will be, as a minimum, reviewed and updated annually.

15. Apprentice Level Training:

15.1. Constraints. None.

15.1.1. Impact. None.

15.1.2. Resources Required. None.

15.1.3. Action Required. None.

15.2. OPR/Target Completion Date. None.

16. Journeyman Training:

16.1. Constraints. None.

16.1.1. Impact. None.

16.1.2. Resources Required. None.

16.1.3. Action Required. None.

16.2. OPR/Target Completion Date. None.

17. Craftsman Training:

17.1. Constraints. None.

17.1.1. Impact. None.

17.1.2. Resources Required. None.

17.1.3. Action Required. None.

17.2. OPR/Target Completion Date. None.

Part II

Section A - Specialty Training Standard

1. Implementation. This STS will be used for technical training provided by AETC.

1.1. Becomes a job qualification standard (JQS) for OJT when placed in AF Form 623, Individual Training Record, and used according to AFI 36-2651. When used as a JQS, the following applies:

2. Parts of the STS:

2.1. Qualitative Requirements: the proficiency code key used to indicate the level of training and knowledge provided by resident training.

2.2. Training Standard: tasks are trained and qualified to the go/no go level. Go means the individual can perform the task to the designated proficiency level and meet local demands for accuracy, timeliness, and correct use of procedures.

2.3. Column 1: (Task, Knowledge, and Technical Reference) the most common tasks and technical references (TR) necessary for Airmen to perform duties in the 3-, 5-, and 7-skill level.

2.4. Column 2: indicate core tasks by skill level, for the specialty. As a minimum, trainees must complete applicable core tasks for skill level upgrade as indicated by the skill level annotated in column 2. If units encounter situations where training constraints exist (for example, lack of equipment, training areas, etc.), specific waiver action must be submitted through their MAJCOM functional manager, and if approved, documented in unit and individual training records. MAJCOMs determine the method to record training constraint waivers for their subordinate units. Wartime tasks are those tasks that must be taught when courses are accelerated in a wartime environment and would be identified in the column on the far left of the STS by an asterisk (*). In response to a wartime environment, only tasks identified with an asterisk in this column will be taught in the Apprentice Skills Course.

2.5. Column 3: used to record completion of tasks and knowledge training requirements for upgrade training. Use automated training management systems to document technician qualifications, if available. Task certification must show a certification/completed date.

2.6. Column 4: shows formal training and correspondence course proficiency to be demonstrated by the graduate upon completion of the courses.

3. Documentation. Document IAW AFI 36-2651, Chapter 6 for all changes to a CFETP to include; Converting to a new CFETP, transcribing, decertification and/or recertification. An AFJQS may be used in lieu of Part II of the CFETP only upon approval of the AFCFM. An AFJQS may be used in lieu of Part II of the CFETP only upon approval of the AFCFM. ***NOTE:*** The AFCFM may supplement these minimum documentation procedures as needed or deemed necessary for their career field.

3.1. Documenting Career Knowledge. The supervisor identifies STS training references the trainee requires for career knowledge and ensures, as a minimum, trainees cover the mandatory items in Air

Force Enlisted Classification Directory (ECD). ***NOTE:*** https://www.afpc.af.mil/Portals/70/documents/07_CLASSIFICATION/20190430%20AF%20Enlisted%20Classification%20Directory.pdf?ver=2019-04-17-112853-977

3.2. Converting to New CFETP. Transcribing documentation to a new CFETP is an administrative function, not a re-evaluation of training. Therefore, supervisor and trainer are considered synonymous for the purpose of documentation. Transcribe within 120 days (240 days for ARC) of CFETP revision date or from date revision is posted to automated training records system. Upon publication of a new CFETP, use the following procedures to transcribe:

3.2.1. Use the new CFETP to identify past and current training requirements and to transcribe qualifications from the previous CFETP.

3.2.2. For tasks previously qualified/certified and required in the current duty position, circle the subparagraph number next to the task statement and enter the current date in the completion column. Trainee initials in the trainee column and the current task certifier or supervisor/trainer initials in the trainer column.

3.2.3 For tasks previously certified but not required in the current duty position (do not circle), transcribe only the previous certification date (no initials). If the task later becomes required in the duty position, recertify using current dates and initials.

3.2.4 Annotate the AF Form 623a or automated version, (for example, "I certify the information contained in the CFETP dated XX was transcribed to the CFETP dated XX, and the trainee was given the superseded CFETP." Signed and dated by supervisor and trainee).

3.2.5 Decertification and Re-certification. When an Airman is found to be unqualified on a task previously certified for his or her position, the supervisor lines through the previous certification or deletes previous certification when using an automated system. Appropriate remarks are entered on the AF Form 623a, On-The-Job Training Record Continuation Sheet, as to the reason for decertification. The individual is re-certified (if required) by erasing the old entries and writing in the new or by using correction fluid (if the entries were made in ink) over the previously certified entry. *NOTE:* Entry should always be in pencil.

4. Recommendations. Report unsatisfactory performance of individual course graduates. Reference this STS and address unclassified correspondence to: 17th Training Group, ATTN: CCME, 170 Griffin Street, Goodfellow AFB, Texas 76908-4211. Address classified correspondence to 17TRG.CCME@GOODFELLOW.IC.GOV. A 24-hour Customer Service Information Line (CSIL) has been installed for the supervisor's convenience to identify demonstrated over- or under-training on performance/knowledge items listed in this training standard. For quick response to any training concerns, call the CSIL, DSN 477-3350, any time day or night. Reference specific STS paragraphs.

MARY F. O'BRIEN, Lt Gen, USAF
Deputy Chief of Staff for Intelligence,
Surveillance, Reconnaissance, and
Cyber Effects Operations

This Block Is for Identification Purposes Only		
Name of Trainee		
Printed Name (*Last, First, Middle Initial*)	**Initials (*Written)***	**SSAN**
Printed Name of Certifying Official and Written Initials		
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	

QUALITATIVE REQUIREMENTS

Proficiency Code Key		
	Scale Value	**Definition: The individual**
Task Performance Levels	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (Extremely Limited)
	2	Can do most parts of the task. Needs only help on hardest parts. (Partially Proficient)
	3	Can do all parts of the task. Needs only a spot check of completed work. (Competent)
	4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (Highly Proficient)
*Task Knowledge Levels	a	Can name parts, tools, and simple facts about the task. (Nomenclature)
	b	Can determine step by step procedures for doing the task. (Procedures)
	c	Can identify why and when the task must be done and why each step is needed. (Operating Principles)
	d	Can predict, isolate, and resolve problems about the task. (Advanced Theory)
**Subject Knowledge Levels	A	Can identify basic facts and terms about the subject. (Facts)
	B	Can identify relationship of basic facts and state general principles about the subject. (Principles)
	C	Can analyze facts and principles and draw conclusions about the subject. (Analysis)
	D	Can evaluate conditions and make proper decisions about the subject. (Evaluation)

Explanations

* A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: b and 1b)

** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.

- This mark is used instead of a scale value to show that no proficiency training is provided in the course or CDP.

& This mark identifies training to be conducted at Goodfellow for ISR resiliency during the Intelligence initial skills training Course. This training will be conducted but will not require a "Go/No-Go" measurement assessment.

X This mark is used alone in the course columns to show that training is required but not given due to limitations in resources.

NOTE: All tasks and knowledge items shown with a proficiency code are trained during war time.

Line Item	1. Tasks, Knowledge and Technical References	2. Core Task Wartime Skills	3. Certification for OJT					4. Proficiency Codes Used to Indicate Training/Information Provided via CDP or In-Residence Course		
			A	B	C	D	E	A	B	C
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
1N1X1A GEOSPATIAL INTELLIGENCE-IMAGERY ANALYST										
1										
1.1	**SAFETY PROCEDURES**									
1.1.1	Safety TR: AFI 91-202							A		
1.2	**SECURITY PROCEDURES**									
1.2.1	Information Security (INFOSEC) TR: AFI16-1404, DODM 5200.01V4, AFH1	C						A		
1.2.2	Communications Security (COMSEC) TR: AFMAN17-1302-O, AFH1	C						A		
1.2.3	Operational Security (OPSEC) TR: AFI 10-701, AFH1	C						A		
1.2.4	Physical Security TR: AFJI 31-102, DoD 5200.08-R,	C						A		
1.2.5	Personnel Security TR: DODM 5200.02, AFM 16-1405, AFH1	C						A		
1.2.6	TEMPEST (formerly known as Emissions Security) TR: AFMAN 33-286, AFSSI 7700, AFI 33-200, AFH1	C						A		
1.2.7	Computer Security (COMPUSEC) TR: DoDI 8520.03, CJCSI 6510.01F, AFMAN 17-1301, AFH1	C						A		
1.2.8	Intelligence Oversight Program TR: AFI 14-404, EO 12333, DoDD 5240.01, DoDD 5240.1-R, DoDD 5148.13, DoDD 5148.11	C						A		
1.2.9	SCI Classification TR: DoD 5200.1-R, EO 12958- IS00, ICD 710	C						A		
1.2.10	Security Derivative Classifications TR: DoD 5200.1-R, EO 12958-IS00, DODM 5200.01V2	C						A		
1.2.11	Safeguard Classified TR: DoD 5200.1-R, EO 12958, as amended, AFI 16- 201	C						2b		
1.2.12	Publicly Available Information (PAI) TR: https://www.milsuite.mil/book/groups/air-force-pai									
1.2.12.1	PAI Concepts and Technologies							B		
1.2.12.2	Legal landscape governing PAI collection							B		
1.2.12.3	Role of OPSEC in the successful execution of PAI collection							B		
1.2.12.4	PAI collection resources							B		

Line Item	1. Tasks, Knowledge and Technical References	2. Core Task Wartime Skills	3. Certification for OJT					4. Proficiency Codes Used to Indicate Training/Information Provided via CDP or In-Residence Course		
			A	B	C	D	E	A	B	C
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
1.3	**ORGANIZATIONS AND MISSIONS**									
1.3.1	Executive Branch TR: http://www.usa.gov/Agencies/Federal/Executive.shtml							A		
1.3.2	AF Intelligence TR: JP 2-0, HAFMD 1-33, Publication 1.0: GEOINT Basic Doctrine, AFD Annex 2-0	C						A		
1.3.3	Intelligence Community TR: EO 12333, JP 2-0, JP 2-1, JP 2-3, www.defense.gov	C						A		
1.3.4	Department of Defense (DOD) TR: http://www.defense.gov/About-DoD/DoD-101, JP 1, AFH1									
1.3.4.1	Joint Chiefs of Staff (JCS) TR: jcs.mil, AFH1							A		
1.3.4.2	Joint Operations TR: JP 3-0, AFH1									
1.3.4.2.1	Unified Commands TR: JP 1-0							A		
1.3.4.2.2	Joint Task Force (JTF) TR: JP 2-0, JP 3-0							A		
1.3.4.3	USAF Major Commands (MAJCOM) TR: www.afhra.af.mil							A		
1.3.4.4	US Cryptologic System and Service Cryptologic Components (SCC) TR: NSA.smil.mil, AFI 14-128							A		
1.3.4.5	Title 10,18, 32, 50 TR: United States Code							A		
1.3.5	Coalition Forces TR: JP 2-1, JP 3-0 & AFI 16-201							A		
1.3.6	ISR Synchronization with National Strategy TR: National Security Strategy, National Defense Strategy and ISR Dominance Flight Plan							A		
1.4	**INTELLIGENCE DISCIPLINES/AFSCs**									
1.4.1	Capabilities and limitations of TR: Air Force Enlisted Classification Directory (AFECD), intelligence.gov, AF14-125, AFI 14-128, AFD Annex 2A							A		
1.4.2	Capabilities and limitations of MASINT TR: Air Force Enlisted Classification Directory (AFECD), intelligence.gov, AFI14-127-S, AFD Annex 2A							A		
1.4.3	Capabilities and limitations of HUMINT							A		

Line Item	1. Tasks, Knowledge and Technical References	2. Core Task Wartime Skills	3. Certification for OJT					4. Proficiency Codes Used to Indicate Training/Information Provided via CDP or In-Residence Course		
			A	B	C	D	E	A	B	C
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
	TR: Air Force Enlisted Classification Directory (AFECD), intelligence.gov, AFD Annex 2A									
1.4.4	Capabilities and limitations of GEOINT TR: Air Force Enlisted Classification Directory (AFECD), intelligence.gov, AFI14-132, AFD Annex 2A							A		
1.4.5	Capabilities and limitations of OSINT TR: Air Force Enlisted Classification Directory (AFECD), intelligence.gov, AFI14-130, AFD Annex 2A							A		
1.4.6	Integration with other Intelligence AFSCs TR: Force Enlisted Classification Directory (AFECD), intelligence.gov							A		
1.5	**INTELLIGENCE SURVEILLANCE, RECONNAISSANCE (ISR) OPERATIONS**									
1.5.1	**ISR Process**									
1.5.1.1	Planning & Direction TR: AFD Annex 2-0, JP 2-0							A		
1.5.1.2	Collection TR: AFD Annex 2-0, JP 2-0							A		
1.5.1.3	Processing & Exploitation TR: AFD Annex 2-0, JP 2-0							A		
1.5.1.4	Analysis & Integration TR: AFD Annex 2-0, JP 2-0							A		
1.5.1.5	Dissemination & Integration TR: AFD Annex 2-0, JP 2-0							A		
1.5.1.6	Evaluation & Feedback TR: AFD Annex 2-0, JP 2-0							A		
1.5.2	**ISR Assets**									
1.5.2.1	Operational characteristics, capabilities, and limitations of US and Multinational assets TR: AFD Annex 2-0, JP 2-0, AFTTP 3-1 & 3-3							A		
1.6	**US AND FRIENDLY FORCE FAMILIARIZATION**									
1.6.1	Air, Space, Cyberspace TR: AFD Annex 2-0, Annex 3-0, Annex 3-12, Annex 3-14, Annex 3-60, AFTTP 3-1 https://doctrine.af.mil/ http://www.naic.wrightpatterson.af.smil.mil/aero/							A		
1.7	**ISR RESILIENCY**									
1.7.1	Resiliency for ISR Professionals TR: AFI 90-5001							&		

Line Item	1. Tasks, Knowledge and Technical References	2. Core Task Wartime Skills	3. Certification for OJT					4. Proficiency Codes Used to Indicate Training/Information Provided via CDP or In-Residence Course		
			A	B	C	D	E	A	B	C
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
2	**1N1X1A GEOSPATIAL- IMAGERY ANALYST TASKS KNOWLEDGE**									
2.1	**OPERATIONS PLANNING**									
2.1.1	Fundamentals of mission, objective, purpose, and Commander's Intent TR: JP 3-0							A		
2.1.2	Fundamentals of Combatant Command Strategic Planning TR: CJCSI 3100.01D & JP 5-0							A		
2.1.3	**Elements of Joint Operations Planning**									
2.1.3.1	Planning for a Contingency									
2.1.3.1.1	Warning Order, Alert Order, Execute Order AFI 10-401, JP 5-0							A		
2.1.3.1.2	Air Tasking Order (ATO) TR: AFTTP 3-1.AOC, JP 3-30, JP 3-52,							A		
2.1.3.1.3	Operation Plan and Operation Order (OPLAN/OPORD) TR: AFI 10-401 & JP 5-0							A		
2.1.3.1.4	Joint Air Operations Plan TR: AFTTP 3-1.AOC & JP 3-30									
2.1.3.1.5	Concept of Employment TR: CJCSI 5120.02D & JP 5-0									
2.1.3.1.6	Mission Type Orders TR: JP 1-02							A		
2.1.4	Air Tasking Cycle TR: JP 3-30, JP 3-60							A		
2.1.5	**Command Authority**									
2.1.5.1	Combatant Command (COCOM) TR: JP 3-0							A		
2.1.5.2	Operational Control (OPCON) TR: JP 3-0							A		
2.1.5.3	Tactical Control (TACON) TR: JP 3-0							A		
2.1.5.4	Administrative Control (ADCON) TR: JP 3-0							A		
2.1.5.5	Identify Allied War Fighting Strategies and Tactics TR: JP 3-0							A		
2.2	**GEOSPATIAL INTELLIGENCE (GEOINT) ANALYST DUTIES AND RESPONSIBILITIES**									
2.2.1	Duties and responsibilities of the GEOINT Analyst (e.g. IA, GA, ITC, BDA analyst, Collection Mgr.) TR: AFTTP 3-1.AOC, & JP 2-03	C						B		
2.3	**GEOINT DOCTRINE**									
2.3.1	Define GEOINT TR: NSG GEOINT Basic Doctrine Publication 1-0, JP 2-03	C						A		
2.3.2	Compare and contrast the three elements of GEOINT (Imagery,	C						B		

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			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
	Imagery Intelligence, Geospatial Information) TR: NSG GEOINT Basic Doctrine Publication 1-0, JP 2-03									
2.4	**ANALYTIC PROCESSES AND TECHNIQUES**									
2.4.1	Basic Encyclopedia Numbers TR: Joint Tactical Exploitation of National Systems (JTENS), IMINT Section, DIAM 65-3-1 1995 Standard Coding Systems Functional Classification Handbook, 19889 Point Reference Book							B		
2.4.2	Category Codes TR: DIAM 65-3-1							B		
2.4.3	Describe Activity Based Intelligence TR: David T. Moore, "Critical Thinking and Intelligence Analysis"	C						A		
2.4.4	Utilize Structured Analytic Techniques (SAT) TR: ICD 203, ICD 206, David T. Moore, "Critical Thinking and Intelligence Analysis", A Tradecraft Primer: Structured Analytic Techniques for Improving Intelligence Analysis	C						2b		
2.4.5	Analytical Standards TR: ICD 203, ICD 206, ICD 208, AFMAN 14-401	C						B		
2.5	**COMMUNICATION AND GEOINT RELATED SYSTEMS AND SOFTWARE**									
2.5.1	Manipulate imagery using an applicable program TR: SOCET GXP User's Manual, local TTPs							2b		
2.5.2	Modernized Integrated Database (MIDB) TR: JP 2-01							A		
2.5.3	Cedalion TR: JWICS Cedalion GEOtip page							A		
2.5.4	Imagery repositories TR: Publication 1.0: GEOINT Basic Doctrine, JP 2-03							A		
2.5.5	Produce and Retrieve information and products using imagery repository TR: Publication 1.0: GEOINT Basic Doctrine, local TTPs							2b		
2.5.6	Requirements Tasking System (using system of record) TR: JP 2-01 & JP 2-03									

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			A	B	C	D	E	A	B	C
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
2.5.7	Department of Defense information network (DDIN) TR: JP 6-0									
2.5.8	The Intelligence Community (IC) portion of the DODIN (such as Wide Area Network (WAN) and Local Area Network (LAN)) TR: JP 6-0									
2.5.9	Military Strategic and Tactical Relay System (MILSTAR) TR: CJCSI 6250.01F									
2.5.10	Defense Satellite Communications Systems (DSCS) TR: CJCSI 6250.01F									
2.5.11	Commercial C, Ka and Ku bands TR: JP 6-0 & CJCSI 6250.01F									
2.6	**INTELLIGENCE, SURVEILLANCE, AND RECONNAISSANCE (ISR)**									
2.6.1	Types, capabilities and limitations of Optical, RADAR, Infra-Red, Spectral, and motion Geospatial Sensors (Analog and Digital) TR: JP 2-03	C						B		
2.7	**TYPES, CAPABILITIES, AND LIMITATIONS OF GEOSPATIAL PLATFORMS**									
2.7.1	National TR: JP 2-03 & Joint Tactical Exploitation of National Systems (JTENS), IMINT Section, Publication 1.0: GEOINT Basic Doctrine, NRO GEOINT/SIGINT Products Guide									
2.7.1.1	EO/IR TR: Publication 1.0: GEOINT Basic Doctrine							A		
2.7.1.2	SAR TR: Publication 1.0: GEOINT Basic Doctrine							A		
2.7.1.3	LIDAR TR: Publication 1.0: GEOINT Basic Doctrine							A		
2.7.1.4	OPIR TR: Publication 1.0: GEOINT Basic Doctrine							A		
2.7.2	Airborne TR: AFTTP 3-1 Series & Publication 1.0: GEOINT Basic Doctrine							A		
2.7.3	Commercial TR: JP 2-03, Publication 1.0: GEOINT Basic Doctrine, Joint Tactical Exploitation of National Systems (JTENS), IMINT Section, AFI 14-132, NRO GEOINT/SIGINT Products Guide							A		

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			A	B	C	D	E	A	B	C
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
2.7.4	Sensor defects and malfunctions TR: AFTTP 3-1 Series							A		
2.7.5	Warning Intelligence (Indications and Warning) TR: JP 2-0, AFD Annex 2-0							A		
2.7.6	General Military Intelligence (GMI) TR: JP 2-0 & JP2-01							A		
2.7.7	ISR support to missions (such as Counter-Air, Strategic Attack, Air Mobility, Special Operations, Combat Search and Rescue (CSAR), Close Air Support (CAS), Non-Traditional ISR (NTISR), Counter-Drug, Counterterrorism, Force Protection, Noncombatant Evacuation Operations (NEO)) TR: AFD Annex 2-0							A		
2.7.8	**ISR Collection Management TR: JP 2-03 & JP 2-01, AFD Annex 2-0**									
2.7.8.1	Intelligence Problems TR: JP 2-0 & JP 2-01									
2.7.8.2	Collection Requirements TR: JP 2-0 & JP 2-01									
2.7.8.3	Exploitation Requirements TR: JP 2-03									
2.7.8.4	Essential Elements of Information (EEI) TR: AFD Annex 2-0							A		
2.7.8.5	Request for Information (RFI) process TR: JP 2-0 & JP 2-01							A		
2.8	**TARGETING SUPPORT TR: AFDA 3-60**									
2.8.1	Structural Composition TR: Structural Composition Handbook DIA 13-1708-011, 16 Aug 17, CE Handbook DIA-13-1308-855							A		
2.8.2	Fundamentals of Critical Element breakdown/identification TR: AFTTP 13-3.AOC, CJCSI 3162.02, AFD Annex 3-60, CJCSI 3900.01D							A		
2.8.3	BDA Terminology TR: AFTTP 3-1 AOC, CJCSI 3162.02, AFDD 3-60, CE Handbook DIA-13-1308-855							A		
2.8.4	The Joint Targeting Cycle TR: CJCSI 3162.02, JP 2-01, AFD Annex 3-60, JP 3-60							A		
2.8.5	Rules of Engagement (ROE) TR: AFD Annex 3-60 Appendix A, JP 2-01							A		

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			A	B	C	D	E	A	B	C
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
2.9	**STILL AND MOTION IMAGERY FUNDAMENTALS AND ANALYSIS**									
2.9.1	Electromagnetic Spectrum TR: GEOIN Basic Doctrine Publication 1-0, JP 1-02							A		
2.9.2	**Digital Imagery Principles**									
2.9.2.1	Image Composition TR: MIL-STD-2500A to C for still, STANAG 4609 applies to motion imagery (FMV)							A		
2.9.2.2	Processing Anomalies, Malfunctions, and Image Artifacts TR: Joint Tactical Exploitation of National Systems (JTENS), IMINT Section							A		
2.9.2.3	Metadata TR: http://www.fgdc.gov/, ICD 203							A		
2.9.2.4	Image Formats TR: MIL-STD-2500C National Imagery Transmission Format Version 2.1, ISO/IEC FDIS15444-1: 2002 JPEG 2000 Image Coding System - Part 1, JPEG File Interchange Format Version 1.02, C-Cube Microsystems, TIFF Revision 6.0, Adobe Developers Association							A		
2.9.2.5	Image Compression TR: MIL-STD-2500C, National Imagery Transmission Format Version 2.1							A		
2.9.3	Denial and Deception TR: JP 3-58, JP 2.0, FM 3-13.4, JP 3-13.4							A		
2.9.4	Functional Assessment TR: CJCSI 3370.01C, AFDD 3-60, CJCSI 3162.02							A		
2.9.5	Damage Assessment TR: AFDD 3-60, JP 3-60							A		
2.9.6	Perform Intelligence Research TR: local TTPs							2b		
2.9.7	Use and prepare intelligence reference documents TR: local TTPs							2b		
2.9.8	Defense Intelligence Analysis Program TR: JP 2-0 & JP 2-01							A		
2.9.9	Perform mensuration TR: MSP User Guide (Found on JWICS Intellipedia)							2b		
2.9.10	National Imagery Interpretability Rating Scale							A		

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			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
	TR: NSGI 2016 NIIRS Standards Version 1.1, NRO GEOING/SIGINT Products Guide, Joint Tactical Exploitation of National Systems (JTENS), IMINT Section									
2.9.11	Prepare and deliver intelligence briefings TR: AFH 33-337, local TTPs							2b		
2.10	**GEOSPATIAL INFORMATION AND SERVICES (GI&S)**									
2.10.1	GI&S Fundamentals TR: JP 2-03, GEOINT Basic Doctrine Publication							A		
2.10.2	GI&S Support Organizations TR: JP 2-01							A		
2.10.3	**Foundation Based Operations (FBO)**									
2.10.3.1	Foundation data TR: NSG GEOINT Basic Doctrine Publication 1-0							A		
2.10.3.2	Mission Specific Data (MSD) (Such as Forward Line of Own Troops (FLOT), threat rings, Restricted Operating Zones (ROZ), Killbox/Keypad, GRG TR: AFTTP 3-2.59, JP 2-03, JP 3-52, AFTTP 3-3. A-10							A		
2.10.3.3	Digital GI&S products (Controlled Image Base (CIB), Digital Point Positioning Database (DPPDB), Digital Terrain Elevation Data (DTED)) TR: NRO GEOINT/SIGINT Products Guide, AFTTP 3-1. DCGS							A		
2.10.3.4	Horizontal and Vertical Datums TR: NGA.STND.0037, DMA TR90-003 Geodesy for the layman & CJCSI 3900.01D							A		
2.10.3.5	Plot coordinates using geographic coordinate systems (such as DD.MM.SS, Military Grid Reference System (MGRS)) TR: CJCSI 3900.01D, local TTPs	C						2b		
2.10.3.6	Convert Coordinates TR: AFI 14-132, TC 3-25.26, local TTPs	C						2b		
2.10.4	**GI&S Applications**									
2.10.4.1	Support to government, civil, international, and military operations TR: DMA 8358.1, NSG GEOINT Basic Doctrine Publication 1-0, JP 2-03							A		

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			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
2.11	**CAPSTONE EXERCISE**									
2.11.1	Apply critical thinking skills to an interactive, scenario-based, multi-source intelligence capstone exercise							2b		
2.11.2	Integrate GEOINT analysis into other intelligence disciplines							2b		
3.	**1N1X1A IMAGERY ANALYST (IA) TASKS KNOWLEDGE AND TECHNICAL REFERENCES**									
3.1	**IMAGERY ANALYSIS CORE**									
3.1.1	Apply Essential Elements of Information (EEI) to GEOINT analysis TR: AFTTP 3-1 DCGS, AFTTP 3-1 AOC, Publication 1.0: GEOINT Basic Doctrine, JP 2-03, Joint Tactical Exploitation of National Systems (JTENS), IMINT Section, JP 2-03	C						2b		
3.1.2	Prepare imagery-derived reports and products TR: DIA-01-1309-510.A, JP 2-03	C						2b		
3.1.3	Review, validate, and transmit intelligence reports TR: local TTPs									
3.1.4	Build GI&S products in Campaign and Mission Planning TR: local TTPs							2b		
3.1.5	Law of Armed Conflict as applied to the role of the analyst TR: AFI 51-401-under rewrite							A		
3.1.6	Prepare and deliver a situation brief TR: AFD Annex 3-60, AFTTP 3-1.MDS, AFTTP 3-3.MDS, AFTTP 3-1, Threat Guide, JP 3-60, AFH 33-337, Local TTPs							2b		
3.1.7	Apply critical thinking to Geospatial Intelligence Analysis TR: Critical Thinking and Intelligence Analysis, David T. Moore, National Defense Intelligence College, 2007; Psychology of Intel Analysis, Richard Heuer; The Thinkers Tool Kit, Morgan Jones, www.criticalthinking.org	C						2b		
3.1.8	Score Imagery using appropriate interpretability rating scale (such as NIIRS or similar scale) TR: NSGI 2016 NIIRS Standards Version 1.1, Joint Tactical Exploitation of National Systems (JTENS), IMINT Section	C						2b		

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			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
3.1.9	FMV Resiliency TR: AFI 90-5001							&		
3.2	**TACTICAL IMAGERY ANALYSIS (DCGS & UNIT SUPPORT) TR: AFD Annex 2-0 D11**									
3.2.1	Perform surveillance activities TR: AFTTP 3-1. DCGS, AFTTP 3-1.AOC, AFTTP 3-1.U-2, AFTTP 3-1.U-28, & AFTTP 3-1MC-12							2b		
3.2.2	Perform Reconnaissance activities TR: AFTTP 3-1. U-2, AFTTP 3-1.RQ-4 & AFTTP 3-1.DCGS							2b		
3.2.3	Wide Area Surveillance/Reconnaissance Platforms & Sensors TR: AFTTP 3-1. U-2, AFTTP 3-1. RQ-4							A		
3.2.4	Cross Cueing TR: AFTTP 3-1. DCGS, AFTTP 3-1.AOC, AFTTP 3-1.MQ-9 & AFTTP 3-1.U2							B		
3.2.5	Full Motion Video Software TR: MAAS, AIMES User's Manual, local TTPs							A		
3.2.6	Manipulate Full Motion Video (FMV) TR: Advanced Intelligence Multimedia Exploitation Suite (AIMES) User's Manual; MAAS User Guide, Local TTPs							2b		
3.2.7	Perform Full Motion Video analysis within a problem set TR: Advanced Intelligence Multimedia Exploitation Suite (AIMES) User's Manual; MAAS User Guide, AFTTP 3-1. DCGS, Local TTPs							2b		
3.2.8	**Air Force Distributed Common Ground Station (DCGS) Architecture**									
3.2.8.1	Core and Remote Sites TR: AFTTP 3-1. DCGS							A		
3.2.8.2	DCGS Processing, Exploitation, and Dissemination TR: AFTTP 3-1. DCGS							A		
3.2.8.3	DCGS Operations Center TR: AFTTP 3-1. DCGS							A		
3.2.8.4	Unmanned Aerial Systems (UAS) Full Motion Video (FMV) and manned FMV processing capabilities TR: AFTTP 3-1. DCGS							A		
3.2.8.5	DCGS relationship and interaction with other agencies TR: AFTTP 3-1. DCGS							A		

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			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
3.2.8.6	SOF DGS Enterprise TR: SOCOM Directive 381-9 "SGIP Training"							A		
3.2.9	**Air Force Remotely Piloted Aircraft (RPA) Architecture**									
3.2.9.1	Air Force RPA Platforms TR: AFTTP 3-1.AOC, AFTTP 3-1. DCGS, AFTTP 3-1.MQ-9, AFTTP 3-1. RQ-4							A		
3.2.9.2	Launch Recovery Elements (LRE) and Mission Control Elements (MCE) TR: AFTTP 3-1. DCGS, AFTTP 3-1.MQ-9, AFTTP 3-1. RQ-4									
3.2.9.3	RPA System Controls (such as legacy, Multi-Aircraft Control (MAC), and Fixed) TR: AFTTP 3-1. DCGS, AFTTP 3-1.MQ-9, AFTTP 3-1. RQ-4									
3.2.9.4	RPA Communication Network TR: AFTTP 3-1. DCGS, AFTTP 3-1.MQ-9, AFTTP 3-1. RQ-4									
3.3	**STRATEGIC IMAGERY ANALYSIS (NATIONAL AGENCIES, CCMD JICS, ETC.)**									
3.3.1	Broad Area Search (BAS) and Directed Search Area (DSA) TR: AFTTP 3-1. DCGS, AFTTP 3-1. RQ-4, Joint Tactical Exploitation of National Systems (JTENS), IMINT Section							A		
3.3.2	Advanced Geospatial Intelligence techniques (Full Spectrum GEOINT) TR: Joint Tactical Exploitation of National Systems (JTENS), IMINT Section, AFTTP 3-1. DCGS							A		
3.4	**MILITARY FACILITIES AND ASSOCIATED ORDER OF BATTLE (OB)** **TR:** NGA Keys, DIA-13-1506-006.B, CJCSI 3370.01C, DIA CE Handbook, AFD Annex 3-60, JP 3-60, JANES									
3.4.1	**Air Order of Battle (AOB)**									
3.4.1.1	Break out installation into facilities and apply category codes							2b		
3.4.1.2	Critical Elements							2b		
3.4.1.3	Identify airfields, associated facilities, and Air Order of Battle (AOB)									
3.4.1.3.1	Airfield facilities & features							2b		
3.4.1.3.2	Wing shape, mount, and tip shape							2b		
3.4.1.3.3	Engine number, type, and location							2b		
3.4.1.3.4	Fuselage shape							2b		
3.4.1.3.5	Number and shape of vertical stabilizer							2b		

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			A	B	C	D	E	A	B	C
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
3.4.1.3.6	Shape and mount of horizontal stabilizer							2b		
3.4.1.3.7	Length of aircraft and wingspan							2b		
3.4.2	**Defensive Missile Order of Battle (DMOB)**									
3.4.2.1	Break out installation into facilities and apply category codes							2b		
3.4.2.2	Critical Elements							2b		
3.4.2.3	Identify defensive missile systems, facilities, and missile order of battle (MOB)									
3.4.2.3.1	Defensive Missile Facilities							2b		
3.4.2.3.2	Number and shape of containers							2b		
3.4.2.3.3	Number of missiles and fin mount							2b		
3.4.2.3.4	Presence of booster and/or engine type							2b		
3.4.2.3.5	Common features like containerized/missile gun							2b		
3.4.2.3.6	Transport mode							2b		
3.4.2.3.7	Rail or silo based							2b		
3.4.2.3.8	Missile, container, and launcher dimensions							2b		
3.4.2.3.9	Air Defense Gun and Gun Missile Systems									
3.4.2.3.9.1	Key features on self-propelled guns and systems							2b		
3.4.2.3.9.2	Key features of towed guns and systems							2b		
3.4.2.3.9.3	Body length and body width							2b		
3.4.3	**Offensive Missile Order of Battle (OMOB)**									
3.4.3.1	Break out installation into facilities and apply category codes							2b		
3.4.3.2	Critical Elements							2b		
3.4.3.3	Identify offensive missile, facilities, and order of battle (OB)									
3.4.3.3.1	Offensive missile facilities							2b		
3.4.3.3.2	Number and shape of containers							2b		
3.4.3.3.2	Number of missiles and fin mount							2b		
3.4.3.3.4	Presence of booster or fin type							2b		
3.4.3.3.5	Common features like containerized/missile							2b		
3.4.3.3.6	Transport mode							2b		
3.4.3.3.7	Rail or silo based							2b		
3.4.3.3.8	Missile, container, launcher dimensions							2b		

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			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
3.4.4	**Ground Order of Battle (GOB)**									
3.4.4.1	Break out installation into facilities and apply category codes							2b		
3.4.4.2	Critical Elements							2b		
3.4.4.3	Identify military facilities and ground order of battle (GOB)							2b		
3.4.4.3.1	**Armored Vehicles**									
3.4.4.3.1.1	Body shape, number, and location of hatches							2b		
3.4.4.3.1.2	Tracked or wheeled, number of road wheels, number of axles							2b		
3.4.4.3.1.3	Turret shape, location, and number of hatches							2b		
3.4.4.3.1.4	Muzzle position and brake							2b		
3.4.4.3.1.5	Bore evacuator location and diameter of armament							2b		
3.4.4.3.1.6	Body length and width							2b		
3.4.4.3.2	**Artillery**									
3.4.4.3.2.1	Tracked or wheeled, number of road wheels, and number of axles							2b		
3.4.4.3.2.2	Towed artillery as tracked or wheeled and number of axles							2b		
3.4.4.3.2.3	Presence of limber, outriggers, and casters							2b		
3.4.4.3.2.4	Trail, tube trail size, and shield							2b		
3.4.4.3.2.5	Top/side cylinders and shape of muzzle brake							2b		
3.4.4.3.2.6	Number of missiles or gun-type							2b		
3.4.4.3.2.7	Diameter of gun armament							2b		
3.4.4.3.2.8	Rocket mobility/launcher type							2b		
3.4.4.3.2.9	Number of rocket tubes, and presence of reloads							2b		
3.4.4.3.2.10	Diameter of rocket armament							2b		
3.4.4.3.2.11	Mobility of mortar, base plate, and support							2b		
3.4.4.3.2.12	Diameter of mortar armament							2b		
3.4.4.3.2.13	Body length and body width							2b		
3.4.4.3.3	**Engineering Equipment**									
3.4.4.3.3.1	General features							2b		
3.4.4.3.3.2	Cab and body type							2b		
3.4.4.3.3.3	Type of mobile crane							2b		
3.4.4.3.3.4	Body length and body width							2b		
3.4.4.3.4	**Bridging**									
3.4.4.3.4.1	General features							2b		
3.4.4.3.4.2	Cab and body type							2b		
3.4.4.3.4.3	Body length and body width							2b		
3.4.4.3.5	**Nuclear, Biological, Chemical/Obscurants**									
3.4.4.3.5.1	General features							2b		

Line Item	1. Tasks, Knowledge and Technical References	2. Core Task Wartime Skills	3. Certification for OJT					4. Proficiency Codes Used to Indicate Training/Information Provided via CDP or In-Residence Course		
			A	B	C	D	E	A	B	C
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
3.4.4.3.5.2	Body length and body width							2b		
3.4.5	**Naval Order of Battle (NOB)**									
3.4.5.1	Break out installation into facilities and apply category codes							2b		
3.4.5.2	Use reporting position (RP) to identify naval vessel (location in port)							2b		
3.4.5.3	Critical Elements							2b		
3.4.5.4	Identify port, harbor facilities, and navel order of battle (NOB)							2b		
3.4.5.4.1	**Surface Ships**									
3.4.5.4.1.1	Features of hull							2b		
3.4.5.4.1.2	Bow and stern shape							2b		
3.4.5.4.1.3	Bridge location, stack number, and configuration							2b		
3.4.5.4.1.4	Presence of missile launcher and location							2b		
3.4.5.4.1.5	Presence of torpedo tube							2b		
3.4.5.4.1.6	Number, configuration, and location of main guns							2b		
3.4.5.4.1.7	Type and configuration of flight deck							2b		
3.4.5.4.1.8	Helicopter pad							2b		
3.4.5.4.1.9	Overall length and beam							2b		
3.4.5.4.1.10	Waterline length and beam							2b		
3.4.5.4.2	**Submarines**									
3.4.5.4.2.1	Sail placement and shape							2b		
3.4.5.4.2.2	Bow shape							2b		
3.4.5.4.2.3	Diving plane location							2b		
3.4.5.4.2.4	Upper rudder							2b		
3.4.5.4.2.5	Presence, height, and location of missile bay							2b		
3.4.5.4.2.6	Number of missile doors							2b		
3.4.5.4.2.7	Overall length and beam							2b		
3.4.5.4.2.8	Waterline length and beam							2b		
3.4.6	**Electronics & Communications Facilities (EOB)**									
3.4.6.1	Break out installation into facilities and apply category codes							2b		
3.4.6.2	Critical Elements							2b		
3.4.6.3	Identify electronics, communications facilities, and order of battle									
3.4.6.3.1	Electronic and communication facilities							2b		
3.4.6.3.2	Antenna							2b		
3.4.6.3.3	Array type							2b		
3.4.6.3.4	Mount and mobility							2b		
3.4.6.3.5	Frequency band									
3.4.6.3.6	Composition, shape, and configuration of parabolic sail or dish details									

Line Item	1. Tasks, Knowledge and Technical References	2. Core Task Wartime Skills	3. Certification for OJT					4. Proficiency Codes Used to Indicate Training/Information Provided via CDP or In-Residence Course		
			A	B	C	D	E	A	B	C
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Level	5 Level	7 Level
3.4.6.3.6.1	Length and width							2b		
3.4.6.3.6.2	Antenna height and width							2b		
3.4.6.3.6.3	Antenna parabolic dish diameter							2b		
3.4.7	**Non-Traditional Order of Battle and Infrastructure**									
3.4.7.1	Identify Industrial facilities and Infrastructure							2b		
3.4.7.2	Identify Lines of Communication (LOC)							2b		
3.4.7.3	Identify Non-Traditional Order of Battle Objects									
3.4.7.3.1	Rolling Stock							2b		
3.4.7.3.2	Personal Vehicles (vans, cars, trucks)							2b		
3.4.7.3.3	Utility Trucks and Trailers									
3.4.7.3.3.1	Chassis types							2b		
3.4.7.3.3.2	Features of cargo trailers							2b		
3.4.7.3.3.3	Features of cargo cab and body							2b		
3.4.7.3.4	Livestock							2b		
3.4.7.3.5	Crates and containers							2b		
3.4.7.4	Identify Non-Strike Targets (Cat-1, Hospitals, Places of Worship, etc.)							2b		
3.4.7.5	Identify Underground Facilities							2b		
3.4.8	**Space**									
3.4.8.1	Break out installation into facilities and apply category codes							2b		
3.4.8.2	Critical Elements							2b		
3.4.8.3	Identify space systems, facilities, and order of battle							2b		
3.5	**TERRAIN ANALYSIS**									
3.5.1	Landing Zone Studies (such as Drop Zone (DZ), Helicopter Landing Zone (HLZ)) TR: Army FM TM 3-34.48-2, Army ATP 3-34.80							A		
3.5.2	Beach Studies TR: MCRP 2-10B.5									

Section B - Course Objective List

NOTE: This area is reserved.

Section C - Support Material

NOTE: There are currently no support material requirements. This area is reserved.

Section D - Training Course Index

1. Purpose. The purpose of this section is to aid commanders, supervisors, and trainers, by providing a list of training courses available to personnel within the GEOINT specialty. Many of the courses listed in this section are often required to satisfy command/organizational/positional unique training requirements that are not part of formal initial skills or upgrade training. Supervisors should refer questions concerning specialized training, not available at the unit, to their respective unit/base training manager or to their command/joint activity functional manager. Course information can be found on the USAF Education Training Course Announcements (ETCA) page. A listing of courses with specific student reporting instructions that must be reviewed prior to attending any course can be found here (https://etca.randolph.af.mil). ***NOTE***: Although not all inclusive, the courses listed represent much of the formal training recognized by the functional community as applicable to the GEOINT specialty.

2. In-Residence Courses.

COURSE NUMBER	TITLE	LOCATION
X3ABR1N131 A00AB	Geospatial-Intelligence Imagery Analysis Course (GAC)	Goodfellow AFB, TX
X3OZR14N3 0A1B	Intelligence, Surveillance and Reconnaissance Operators Course (IROC)	Goodfellow AFB, TX
X3OZR14N3 0A3E	Targeting Fundamentals Course (TFC)	Goodfellow AFB, TX
X3AZR1NXXX 0B1A	Senior Enlisted Intelligence, Surveillance and Reconnaissance Master Skills Course (SEIMSC)	Goodfellow AFB, TX
X3OZR14NX 00AA	Air Force Critical Thinking & Structured Analysis Course	Goodfellow AFB, TX
AIIC	Advanced Intelligence Instructor Course (AIIC)	Nellis AFB, NV
X5OZD14N3 0A3A	Intelligence Analyst Course (IAC)	Joint Base Anacostia-Bolling, DC
ACC AOCIQTISR	AOC Initial Qualification Training, ISR Course	Hurlburt Field, FL
AFPMIQC01	AF Point Mensuration Initial Qualification Training Course (AFP4)	Offutt AFB, NE
NSSI-SPACE 100	Space 100 Course (Fundamental)	Peterson AFB, CO
319CTS-SWIFTU	Space Warfighter Intelligence Formal Training Course	Vandenberg AFB, CA
B-V7C-E PN	Introduction to Electronic Warfare	Pensacola NAS, FL

SOED-ATSOF	AFRICOM Theater Course	Hurlburt Field, FL
AFSOF-IFTU	AFSOF Intelligence Formal Training Unit (IFTU)	Hurlburt Field, FL
DGS SOF IFTU	Special Operations Command DGS Intelligence Formal Training Unit (IFTU)	Hurlburt Field, FL
SOED-ETSOF	EUCOM Theater Course	Hurlburt Field, FL
S-V80-A	SERE Training	Fairchild AFB, WA
S-V83-A	Special Survival Training	Fairchild AFB, WA
S-V90-A	Water Survival, Non-parachuting	Fairchild AFB, WA
PR IIQC	Personnel Recovery Intelligence Qualification Course	Kirkland AFB, NM

3. Online/Mobile training Courses.

Program	**Link**
DIA MTTs	https://www.dia.mil/About/Organization/Joint-Military-Intelligence-Training-Center-JMITC/
NGA College/MTTs	https://learn.nga.ic.gov
Octane/MAGIC	https://25afoctane.af.mil/
PAI eBook	https://www.milsuite.mil/book/groups/air-force-pai
NK eBook	https://cs2.eis.af.mil/sites/12024/nest/_layouts/15/start.aspx#/opportunities/Forms/Category.aspx
JKO (Joint Knowledge Online)	https://jkodirect.jten.mil/
PACE	https://www.airman.af.mil
AGILE	JWICS – https://agile.dodiis.ic.gov SIPRNet – https://agile.dia.smil.mil NIPRNet – https://www.agile.mil
Reference Library for NITFS Users	https://gwg.nga.mil/ntb/baseline/documents.html

4. Other Available Courses.

Level 1 Training

NGA Data Science for Everyone
NGA Introduction to Computational thinking
NGA Cedalion Basics
NGA Activity Based Intelligence

Level 2 Training

NGA Reginal Studies
NGA Thermal Literal
NGA Overhead Persistent Infrared Users Course

NGA Activity Forecasting
NGA Exploratory Data
NGA Activity Based Intelligence
NGA Fundamentals of GIS
NGA Baseline Synthetic Aperture Radar Imagery Analysis
AETC Basic Instructor Course

Level 3 Training
Fundamentals of Intelligence, Surveillance, and Reconnaissance Operations and Collections
NGA Targeting Course
NGA GEOINT Cyber Analysis
NGA Asymmetric Warfare
NGA Data Design and Conditioning
NGA Spatial Statistics
NGA Intermediate GIS
NGA Geodatabase Design and Maintenance
ACC Instructor Leadership Orientation Course
Master Instructor Criteria

Section E - MAJCOM Unique Training

11. Purpose. This section provides general instructions for MAJCOMs and joint activities that have training requirements unique to their respective organizations.

12. Responsibilities.

12.1. MAJCOM Unique Training.

12.1.1. MFMs are responsible for ensuring the implementation of this CFETP within their respective commands and the development, implementation, and management of supplemental training plans/programs, as necessary, to satisfy command-unique training requirements.
12.1.2. MFMs should work closely with command training managers to ensure supplemental training plans/programs to support command-unique requirements are consistent with the requirements set forth within this CFETP or governing directives.

12.1.3. MFMs are also responsible for fulfilling the responsibilities listed in AFI 36-2651 and Part I, Section A of this CFETP.

12.2. Joint Activity Unique Training.

12.2.1. Joint Activity MFMs are responsible for ensuring the implementation of this CFETP within their respective joint activity and the development, implementation, and management of supplemental training plans/programs, as necessary, to satisfy joint activity-unique training requirements.

12.2.2. Joint Activity MFMs should work closely with the training manager assigned to the supporting Air Force Element (AFELM), to ensure supplemental training plans/programs to support joint activity unique requirements are consistent with the requirements set forth within this CFETP or governing directives.

12.2.3. Joint activity MFMs are also responsible for fulfilling the responsibilities listed in AFI 36-2201 and Part I, Section A of this CFETP.

IMPORTANT REFERENCE LINKS

561st Weapons Squadron:
https://intelshare.intelink.gov/sites/561jts/AFTTP_Online/Lists/AFTTP%20Links/AllItems.aspx

Air Force Culture and Language Center: https://www.airuniversity.af.edu/AFCLC/Language-Studies/

Air Force Doctrine: https://www.doctrine.af.mil

Air Force Publications and Forms: https://www.e-publishing.af.mil/Product-Index/

Air Land Sea Application (ALSA) Center:
https://intelshare.intelink.gov/sites/alsacenter/MTTPs/Home.aspx

Army Publishing Directorate: https://armypubs.army.mil/

CJCS Directives Library: https://www.jcs.mil/Library/

DOD Issuances: https://www.esd.whs.mil/DD/DoD-Issuances/

GEOINT Basic Doctrine Publication 1.0: https://www.nga.mil/ProductsServices/Pages/GEOINT-Basic-Doctrine-Publication.aspx

Jane's Defense & Security Intelligence & Analysis (Jane's 360) (JANES): https://www.janes.com

Joint Publications: https://www.jcs.mil/Doctrine/Joint-Doctine-Pubs/

Marine Corps Publications Electronic Library: https://www.marines.mil/News/Publications/MCPEL

NGA Softcopy Keys: SIPR/JWICS

NSG Geospatial Intelligence Standards Working Group Reference Library for NITF:
https://gwg.nga.mil/ntb/baseline/documents.html

ABBREVIATIONS/TERMS EXPLAINED

Air Force Career Field Manager (AFCFM). An individual on the Headquarters United States AF staff who is responsible for career development programs, functional management and utilization, specialty standards and requirements, training, and force management for a family of Air Force Specialties (1NXXX). This includes identifying the task requirements and training for an AF specialty (AFS) or occupational series. This individual will review and/or approve all proposed changes to specialties within their career family.

Air Force Job Qualification Standard (AFJQS). A comprehensive task list which describes a particular job type or duty position. They are used by supervisors to document task qualifications. The tasks on AFJQS/CJQS are common to all persons serving in the described duty position.

Air Force Specialty (AFS). A group of duty positions that require common qualifications identified by a title and code.

Air Force Specialty Code (AFSC). A combination of alpha-numeric characters which are used to identify a specific career field and qualification level for Air Force officers and enlisted personnel.

Air Force Specialty Manager (AFSM). An individual on HQ USAF staff, responsible to the AFCFM for overseeing all aspects of a particular AFS (1N1XX). Coordinates with MAJCOM functional and training managers, technical training center personnel, Career Development Course writers, and various SMEs on career path development and identification of Career Field Education and Training Plan training tasks items to meet national, tactical, and force training requirements. Other responsibilities include reviewing AFS manpower utilization, managing AFS classification guidance, and overall status of the health of their particular AFS.

Air Reserve Component (ARC). Combination of Air National Guard and Air Force Reserves.

Career Development Plan (CDP). Self-paced, correspondence course published to provide the information necessary to satisfy the career knowledge component of on-the-job training (OJT). These courses are developed from references identified in the CFETP correlating with mandatory knowledge items listed in the Air Force Enlisted Classification Directory (AFECD). CDP will contain information on basic principles, techniques, and procedures common to all Intel AFSCs. They do not contain information on specific equipment or tasks unless best illustrating a procedure or technique having utility to the entire AFSC.

Career Field Education and Training Plan (CFETP). A CFETP is a comprehensive, multipurpose document encapsulating the entire spectrum of education and training for a career field. It outlines a logical growth plan that includes training resources and is designed to make career field training identifiable, to eliminate duplication, and to ensure this training is budget defensible.

Chief Enlisted Manager (CEM). A five-digit code ending in "00" to identify CMSgts and CMSgt selectees as top enlisted managers in both highly technical skills and in broad areas of managerial competence.

Core Task. A task AFCFMs identify as a minimum qualification requirement within an Air Force specialty or duty position. Core Tasks for the AFS can be either task- or knowledge-based and are the STS line items fundamental to meeting these core competencies. Each MAJCOM is responsible for developing the minimum standard to which each core task will be trained. Core tasks are common to all personnel within an AFS required to perform intelligence functions. The skills (or knowledge) must be trained, maintained, and certified, regardless of duty position/location and are based upon skill level.

Course Objective List (COL). A publication, derived from initial/advanced skills course training standard, identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3-5-7-skill level in this career field. Supervisors use the COL to assist in conducting graduate evaluations in accordance with AFI 36-2651, Developing, Managing and Conducting Military Training Programs.

Field Evaluation Questionnaire (FEQ). An extensive survey based on the CFETP to determine how well the formal training met the apprentice levels outlined in the CFETP. This survey is sent approximately 6 months after graduation to the Base Education and Training Manager, if unclassified, or direct to the unit training manager, if classified.

Field Technical Training. Special or regular on-site training conducted by a field training detachment (FTD), Formal Training Unit (FTU) or by a mobile training team (MTT).

Graduate Assessment Survey (GAS). Survey conducted in accordance with AFI 36-2201. Used by recent graduates to evaluate the quality of formal training received and its applicability to their job. The data is used to determine the effectiveness of, and need for, changes in training.

Initial Qualification Training (IQT). IQT is training needed to qualify intelligence personnel for basic duties in an assigned position for a specific MDS, Weapon System, Intelligence function or activity without regard for a unit's specific mission.

Initial Skills Training. Skills received while attending a formal technical school that results in the award of a 3-skill level in an AFSC.

Instructional System Development (ISD). A deliberate and orderly, but flexible process for planning, developing, implementing, and managing instructional systems. It ensures personnel are taught in a cost-efficient way the knowledge, skills, and attitudes essential for successful job performance.

MAJCOM Functional Manager (MFM). An individual at the MAJCOM/Joint activity command level who is responsible for identifying task and training requirements for an AFS or Occupational Series and is responsible for validating intelligence requirements, command assignment entitlements, technical school graduate assignments and matching available manpower resources to meet the MAJCOM's needs.

Mission Qualification Training (MQT). MQT follows IQT and is training needed to qualify intelligence personnel to perform their specific unit mission in an assigned mission position. Completion of Specialty Training Standard task and knowledge training requirements may be accomplished concurrently with MQT.

Occupational Analysis Report (OAR). A detailed report showing the results of an occupational survey of tasks performed within a particular AFS. CFM and MFMs use these findings to identify overly trained, under trained, and training gaps in formal courses prior to a formal STRT.

On-the-Job Training (OJT). Hands-on, over-the-shoulder training conducted to certify personnel in both upgrade (skill level award) and job qualification (duty position certification) training.

Qualification Training (QT). Actual hands-on task performance training designed to qualify an individual in a specific duty position. This portion of the dual channel on-the-job training program occurs both during and after the upgrade training process. It is designed to provide the performance skills required to do the job.

Reporting Identifier (RI). Identify authorizations and individual enlisted airmen who, for any reason, are not identifiable in the classification structure. Technical Applications Specialists are represented by the RI 9S100.

Resource Constraints. Resource deficiencies, such as money, facilities, time, manpower, and equipment that preclude desired training from being delivered.

Skills Training. A formal course that results in the award of a skill level.

Special Duty Identifier (SDI). Identify authorizations for enlisted airmen assigned to and performing an actual group of tasks on a semi-permanent or permanent duty basis unrelated to any specific career field. Career Assistance Advisors are represented by the SDI 8A100.

Special Experience Identifier (SEIs). A three-character designator that identifies specific experience or expertise within a particular career field. Established when experience or training is critical to a job. SEIs can serve as a tool for commanders to ensure personnel are placed/utilized correctly within an organization.

Specialty Requirements Training Team (STRT)/Utilization and Training Workshop (U&TW). A forum co-chaired by the AFCFM and AF Training Pipeline Manager comprised of MAJCOM Functional Managers, Subject Matter Experts (SMEs), and AETC training personnel that determines education and training requirements and establishes the most effective mix of formal and on-the-job training for each AFSC. The forum will create or revise training standards and set responsibilities for providing training. As a quality control tool, the STRT/U&TW will be used to ensure the validity and viability of the AFS training that determines career ladder training requirements.

Specialty Training. A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade Airmen in the award of a skill level.

Specialty Training Standard (STS). An Air Force publication that describes skills and knowledge that Airman in a particular Air Force specialty needs on the job. It further serves as a contract between the Air Education and Training Command and the user to show the overall training requirements for an Air Force specialty code that the formal schools teach.

Training Planning Team (TPT). Comprised of the same personnel as a U&TW, however TPTs are more intimately involved in training development and the range of issues are greater than those normally covered in the U&TW forum.

Total Force Integration (TFI). Combination of Regular Air Force, ANG, and AFRC.

Upgrade Training (UGT). Mandatory training that leads to attainment of higher level of proficiency.

Wartime Skills. Wartime skills/tasks training are initiated based upon a national emergency. These wartime skills are identified by the letter "w" in the 3-level position of the STS and will be taught at an accelerated course at Goodfellow AFB while the trainee is going through technical training school. All tasks and knowledge items shown with a proficiency code are trained during war time.