31 October 2025

DEPARTMENT OF THE AIR FORCE ENLISTED CLASSIFICATION DIRECTORY (DAFECD)

The Official Guide to the
Department of the Air Force
Enlisted Classification Codes

OPR: HQ AFPC/DPPDW Supersedes
AFECD, 30 April 2025

Certified by: HQ AFPC/DPP

This guide establishes the occupational structure of the Department of the Air Force enlisted force. The occupational structure is flexible to permit enlisted personnel to specialize and develop their skills and abilities while allowing the Department of the Air Force to meet changing mission requirements. Individual enlisted personnel have a joint responsibility with commanders and supervisors at all levels to fully develop their abilities consistent with the Department of Air Force needs and within the established patterns of specialization. This directory is written primarily for use by personnel officials (officers and senior noncommissioned officers) and agencies engaged in procurement, classification, and training of Air Force members. It implements Air Force Policy Directive (DAFPD) 36-21, *Utilization and Classification of Air Force Military Personnel.* Refer to AFMAN 36-2100, *Military Utilization and Classification,* for military classification tenets and base level procedures. Maintain and dispose of records created as a result of prescribed processes in accordance with the Records Disposition Schedule (RDS) accessed from the web-Records Information Management System (Note: To access the embedded link: right-click, select "copy link location," and paste the link in an Internet Browser). RELEASABILITY: There are no releasability restrictions on this publication.

SUMMARY OF REVISIONS

This is the official directory for all military enlisted classification descriptions, codes, and identifiers. Updates to this directory are according to the Air Force Career Field Managers' Guide available at the ***myFSS Web Site.*** (Note: To access the embedded link: right-click, select "copy link location," paste the link in an Internet Browser, and select the ***Air Force Career Field Manager's Guide*** located on the *Active Duty: Military Classifications Page* in **myFSS***;* or navigate direct from the **myFSS** Home Page. To search the **myFSS** knowledge base, type in **Career Field Manager's Guide** into the **Search Knowledge Article Box**, then select **Career Field Manager's Guide** from the drop-down menu listing. ****Save a copy of the file to the desktop/folder to view attachments****. This update contains all changes that have been approved and scheduled for implementation on **31 October 2025** and provides a Change Summary and Conversion Instruction Guide (CS&CIG) or Change Summary Guides (CSG), as necessary. Each CS&CIG will include a summary of each change, conversion instructions for all AFSC changes, mergers, additions, realignments, and deletions of classification identifiers, and appropriate page changes to the directory. Subsequent Change Summary Guides along with the description changes will be identified by the effective date and as an appendix to the CS&CIG for that particular conversion cycle.

Additionally, minor changes and corrections throughout the publication include correcting spelling or editing errors.

***NOTE*: When a ★ precedes the specialty description or title, it denotes a major or significant revision from the previous edition – the reader must read the particular section of the publication in its entirety to determine the extent of the changed material.**

***NOTE:* AFPC/DPPDW would like to clarify that it is not responsible for any system or policy changes related to the incorporation of "Space Force Specialty Codes" (SFSCs) or the title of "Guardian" within the Department of the Air Force Enlisted Classification Directory. The amendments made in this document are limited to title adjustments for the purpose of appropriately representing our newest service branch, the United States Space Force, and its members, known as Guardians. These changes do not signify or imply any policy or systemic alterations within the Department of the Air Force or the United States Space Force.**

Using This Directory:

This directory contains a Change Summary and Conversion Instruction Guide (CS&CIG) for each update to the classification system, a Quick-Reference Guide, the Enlisted Classification Structure Chart to depict career progression through the specialties, Authorized Prefixes, Reporting Identifiers, Special Duty Identifiers, Air Force Specialty (AFS) descriptions, their assigned Air Force Specialty Codes (AFSCs) and/or Space Force Specialty Codes (SFSCs), Additional Mandatory Requirements for AFSC/SFSC Entry, Special Experience Identifiers, and Chief Enlisted Manager (CEM) codes used in the enlisted classification system. Use the specialty descriptions and codes to identify different types of Department of the Air Force jobs and the qualifications of enlisted personnel to fill these jobs. Individual specialty descriptions and other attachments to this manual provide the occupational standards required or desired for successful performance in an AFS. Use these standards to procure, classify, and employ enlisted personnel; to develop career programs for initial training, retraining, and skill upgrade; and to structure unit manpower document (UMD) positions.

Attachment 4, **Additional Mandatory Requirements for AFSC/SFSC Entry,** contains a consolidated listing by AFSC/SFSC of mandatory requirements and restrictions for AFSC/SFSC entry or reTraining. This listing includes AFSCs/SFSCs not open to non-United States citizens, AFSCs/SFSCs authorized for use without shredouts, minimum physical profiles, and strength and mental aptitude scores for AFSC/SFSC entry or reTraining.

AFMAN 36-2100, *Military Utilization and Classification*, contains the procedural guidance for awarding and withdrawing classification codes, and tables that show the grade spread to skill-level relationship used in authorizing UMD positions. For procedural system guidance, refer to the Active-Duty Personnel Services Delivery (PSD) Guide – *Personnel Employment (Classification)*, the Active-Duty Personnel Services Delivery (PSD) Guide – *Special Experience Identifier (SEI) Process*, and the Personnel Services Delivery (PSD) Guide – *Air Force Specialty Code (AFSC) Conversion*, for personnel; and AFI 38-101, *Manpower and Organization,* for manpower.

DAFECD

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SECTION I

(Changed 31 Jan 12)

Cross-Functional AFSC/SFSC Applicability

SECTION I-A

(Established 31 Jan 12)

Foreign Language Skills

Skill in languages other than English may be desired in any AFSC/SFSC. Please refer to the annual USAF/A1P Technical Training PGL Language Targets provided to USAFA/DPM, AFPC/DPSIP, 2 AF Det 1 and AFRS/RSO for AFSCs with specific language requirements.

(Established 31 Oct 23)

AUTHORIZED PREFIXES

★Prefix A
Developmental Craftsman
(Changed 31 Oct 25)

Prefix A identifies positions on manpower documents and enlisted personnel serving in or qualified to serve in positions at the 5- skill level or higher (or 3-skill level if no 5-skill level exists) that directly support research and development activities or projects.

Affix prefix A to duty and control AFSCs/SFSCs when enlisted Airmen/Guardians are assigned to authorized prefix A positions. Retain the prefix only so long as they are incumbents.

Award and affix the prefix to the awarded AFSC (P/2/3/4AFSC) when enlisted Airmen/Guardian demonstrate development craftsman qualifications. Retain the prefix as long as enlisted Airmen/Guardian remain qualified.

An enlisted person must meet the following prerequisites for award of this prefix:

1. Possess an AFSC/SFSC authorized for use with this prefix.
2. Demonstrate qualification in scientific or engineering design, development, testing, or research functions for 6 months.

Use prefix A with only the following AFSCs/SFSCs:

★1A172Y/92Y	★1A173Y/93Y	★1A174I/94I	★1A174J/94J	★1A178Y/98Y	1C5XX/D
1C551/71/91/00	1C531D/51D/71D	1C853/73/93	1C893/00	1D700	1D791
1D7X1/X	1D7X2X	1D7X3	★1D7X4/X	1D7X5	1H0X1/00
1P091/00	1P051X/71X	1Z4XX	1WXXX	2AXXX	2A051/71
2A551	2A552E	2A554H	2A954/A	2PXXX	2MXXXX
2WXXX	3EXXX/X (except 3E290)	4NXXX	4A251/71/91/00	4B051/71/91/00	4C051/71/91/00
4E051/71/91/00	4H051/71/91/00	4JXXX	4N051D/G/H	4N071D/G/H	4P051/71/91/00
4RXXX	4R051/71/D/F	4TXXX	4VXXX	4YXXX	5C0X1/X
5I000	5Z700	5Z800	5Z900		

Prefix B
Personnel Reliability Assurance Program Manager
(Established 30 Apr 23)

Prefix B identifies positions on manpower documents and enlisted airmen serving in or qualified to serve in positions requiring functional area expertise, experience, and training in Personnel Reliability Assurance Program (PRAP) or any component of the program i.e. Arming and Use of Force (AUoF) or Personnel Reliability Assurance Program (PRAP).

Affix prefix B to duty and control AFSCs when enlisted Airmen are assigned to authorized prefix B positions and retained only so long as they are incumbents.

Award and affix the prefix to the awarded AFSC (P/2/3/4AFSC) when enlisted Airmen demonstrate PRAP qualifications. It is retained until changed or revoked by the AFSC career field manager.

An enlisted person must satisfy one of the following sets of criteria for award of this prefix:

1. For enlisted 3F0XX personnel successful completion of the following courses:
1.1. HAF PRAP functional and general training via HAF PRAP website
1.2. 12 consecutive months of experience in a prefix B positions
1.3. Completion of AFSC CFETP Core Task and associated JQS.
OR
2. For enlisted medical personnel (AFSCs 4AXXX), completion of following courses:
2.1. Functional HAF PRAP training via HAF PRAP website
2.2. USAFSMA PRAP Course B3XZYPRP0A1A
2.3. CFETP Core Task(s).

Use prefix B with only the following AFSCs:

3F051/71/91	3F000	4A051/71/91	4A000		

Prefix C

Flying Crew Chief
(Changed 31 Oct 24)

Prefix C identifies positions on manpower documents and enlisted Airmen serving in or qualified to serve in flying crew chief (FCC) positions. FCCs have first level supervisory responsibility for maintenance of the aircraft to which assigned and ensure all maintenance actions are performed off-station.

Affix prefix C to the duty and control AFSCs when enlisted Airmen are assigned to authorized prefix C positions. Retain the prefix only so long as they are incumbents.

Award and affix the prefix to the awarded AFSC (P/2/3/4AFSC) when enlisted Airmen demonstrate FCC qualification. Retain the prefix as long as enlisted Airmen remain qualified.

An enlisted person must meet the following prerequisites for award of this prefix:

1. Possess an AFSC authorized for use with this prefix.
2. Have a minimum of 12 months of experience on the weapon system to which assigned prefix C duty.
3. Qualify for FCC duty according to AFI 21-101, *Maintenance Management of Aircraft*.

Use prefix C with only the following AFSCs: +

2A031/51/71	2A373/53M	2A374/54C	2A531M/31R	2A552B/D/E	2A531/71
2A534H	2A551	2A554A/B/C/D/E/F/H	2A572	2A671C/F/H	2A651C/F/H
2A632/52/72	2A635/55/75	2A631C/D/E/H	2A636/56/76	2A934/A/B	2A954/A
2A974/A	8LXXX				

★Prefix D
Enlisted Force Development
(Changed 31 Oct 25)

Prefix D identifies positions on manpower documents and enlisted Airmen/Guardians serving in or qualified to serve in positions provided by the AFSC functional community during the Enlisted Development Team (EDT) panels. Authorized AFSCs/SFSCs do not include skill levels 1, 3 and 5.

Affix prefix D to duty and control AFSCs/SFSCs when enlisted Airmen/Guardians are assigned to authorized prefix D positions. Retain the prefix only so long as they are incumbents.

The following AFSCs are **NOT AUTHORIZED** for use with Prefix D:

★All SDI with the exception of 8B000, 8B100, 8G0X1 and 8RXXX. All RI with the exception of 9S100.

★Prefix E
Electromagnetic Spectrum Operations (EMSO) / Electronic Warfare (EW) Support
(Changed 31 Oct 25)

Prefix E identifies positions on manning documents and enlisted professionals serving in, or qualified to serve in, positions requiring functional area expertise to include:

1. The ability to plan, collect, analyze, and apply intelligence or technical support to Electromagnetic Spectrum (EMS) and EW operations, OR
2. The ability to plan, program, and execute the research, development, and acquisition of EMSO and EW forces, OR
3. The ability to plan, program, and execute tasking of operational EMS and EW forces at a higher headquarters.

Enlisted professionals require knowledge of US and foreign EMS and EW systems, capabilities, vulnerabilities, strategies, tactics, operations, and related activities, and support Electronic Combat Coordinators and other Electronic Warfare (EW) positions.

Award and affix the prefix to the awarded AFSC (P/2/3/4 AFSC) when enlisted professionals demonstrate EMS operations qualification. Retain the prefix as long as enlisted professionals remain qualified. Award by headquarters EMS Superiority Directorate, AF A2/6L, and delegated to member's Squadron Commander (or equivalent).

Enlisted professionals must satisfy one of the following criteria for award of this prefix:

1. Completion of one of the following courses plus 6 months EMSO/EW support duty
1.1. Introduction to Electromagnetic Warfare (B-V7C-E PN) (PDS Code 01U)
1.2. Electromagnetic Spectrum Operations Course (S-V8E-S PN) (PDS Code 01S)
1.3. Joint Electromagnetic Warfare Theater Operations Course (JEWTOC) (PDS Code XXX)
1.4. NATO Joint Electronic Warfare Course (ETOC Code LOP-LO-2021)
1.5. NATO Electronic Warfare (EW) Operational Planning Course (ETOC Code LOP-LO-31189)
OR
2. Twenty-four months of experience in EMSO/EW staff position.

Use prefix E only with the following AFSCs/SFSCs:

1A100	★1A1X4X	★1A172X/92X	★1A173X/93X	★1A178X/98X	1B471	1C571
1C671	1D700	1D971	1D7X1/X	1D7X2X	1D7X3	★1D734/54/74
1D7X4X	1D7X5	1N271A	2A051/71	2A375	2A974/A	5C0X1/X
5I071	5I271	5I000	5S031/51/71	5Z700	5Z800	5Z900

★Prefix G
Automated Systems Programming Craftsman
(Changed 31 Oct 25)

Prefix G identifies positions on manpower documents and enlisted Airmen/Guardians serving in, qualified to serve in, or receiving formal training to qualify to serve in positions requiring functional area expertise with the ability to program computers associated with automated Department of the Air Force functions. Automated systems programming craftsman interpret and refine plans and specifications prepared by systems analysts and prepare system logic flow charts depicting automated problem solutions for which detailed functional area knowledge is essential. Automated systems programming craftsmen use functional area knowledge to expedite converting plans, flow charts, and operational sequence specifications into machine instructions. Automated systems programming craftsmen prepare system charts, administrative processing charts, and data layouts showing information to be processed. In addition, automated systems programming craftsmen use functional area knowledge to develop, maintain, and modify programs.

Affix prefix G to duty and control AFSCs/SFSCs when enlisted Airmen/Guardians are assigned to authorized prefix G positions and retained only so long as they are incumbents.

Award and affix the prefix to the awarded AFSC (P/2/3/4AFSC) when enlisted Airmen/Guardians demonstrate automated systems programming qualification. Retain the prefix as long as enlisted Airmen/Guardians remain qualified.

This prefix is awarded and deleted by headquarters no lower than major command level. An enlisted person must meet the following prerequisites for award of this prefix:

1. Possess an AFSC authorized for use with this prefix.
2. Have at least 12 months of experience in the operational aspects of Department of the Air Force functional area while serving in an authorized AFSC/SFSC applicable to the area.
3. Have completed a formal training course in computer programming and possess a minimum of 12 months of experience performing the duties described above (6 months of additional experience may be substituted for the 9 weeks' formal training). The unit commander or supervisor of the automated system certifies the proficiency in programming the functional area automated system.

Use prefix G with only the following AFSCs/SFSCs:

1C052/72/92/00	1C151/71/91	1C853/73/93	1D700	1D791	1D7X1/X
1D7X2X	1D7X3	★1D734/54/74	1D7X4X	1D7X5	1W091/71/51/00
1Z4X1/00	3F200	3F300	3F400	5C0X1/X	5I000
5Z700	5Z800	5Z900			

★Prefix I
Key Nuclear Billet
(Changed 31 Oct 25)

Prefix I identifies positions on manpower documents and enlisted Airmen/Guardians serving in or qualified to serve in positions provided by the AFSC functional community during the Enlisted Development Team (EDT) panels. Authorized AFSCs/SFSCs do not include skill levels 1, 3 and 5.

Affix prefix I to duty and control AFSCs/SFSCs when Enlisted Airmen/Guardians are assigned to authorized prefix I positions. Retain the prefix only so long as they are incumbents.

Use prefix I with only the following AFSCs/SFSCs for UMD authorization purposes:

1A132P/52P/72P/92P	1A132Q/52Q/72Q/92Q	★1A192Y	★1A173X	★1A1X4/X	1C000
1C351/71/91/00	1C873/93/00	1D700	1D791	1D7X1/X	1D7X2X
1D7X3	★1D7X4/X	1D7X5	1N292	1N271A/C	1S051/71/91/00
2A390/00	2A571/90/00	2A690/00	2A691	2A671C/F/H	2A672/92
2A673/4/5/6	2A771/3	2A954/A	2A974/A	2M071/91/00	2M072/73
2R200	2R271/91	2S071/91/00	2W171/91/00	2W271/91/00	3E071/90/00
3E171	3E290	3E771/91	3E851/71/91/00	3E971	★3F051/71/91/00
3P091/00	4A051/71	4A051S/71S	4N051/71	5C0X1/X	5I271
5I000	5S0X1	5Z700	5Z800	5Z900	9E000
9G100					

★Prefix J

Parachutist

(Changed 31 Oct 25)

Prefix J identifies positions on manpower documents and enlisted Airmen serving in or qualified to serve in parachutist positions. (See AFI 11-410, Personnel Parachute Operations, for further explanation of this prefix.

Affix prefix J to duty and control AFSCs/SFSCs when enlisted Airmen/Guardians are assigned to authorized prefix J positions and retained only so long as they are incumbents.

Award and affix the prefix to the awarded AFSC (P/2/3/4AFSC) when enlisted Airmen/Guardians demonstrate parachutist qualification. Retain the prefix as long as enlisted Airmen remain qualified, not withstanding orders terminating parachutist duties.

An enlisted person must meet the following prerequisites for award of this prefix:

1. Successfully complete parachute Training.
2. Meet physical standards to perform parachute duty.
3. Hold a parachutist rating.

★Prefix K

Instructor

(Changed 31 Oct 25)

Prefix K identifies positions on manpower documents and enlisted Airmen/Guardians serving in or qualified to serve in positions as an Instructor Aircrew Operations, Special Warfare Operations, Space Operations, Airborne Intelligence, RPA Pilot/Sensor Operations, Aerial Reconnaissance Weather, Aerospace Maintenance, Airborne Cyberspace, Cyber Weapons Systems, Airborne Journalist, or Airborne Scientific Specialist for the weapon system with which the AFSC is associated.

Affix prefix K to the duty AFSC/SFSC when Airmen/Guardians are assigned to authorized prefix K positions and retain only so long as they are incumbents.

Award and affix the prefix to the awarded AFSC/SFSC (P/2/3/4AFSC) when Airmen/Guardians demonstrate instructor qualification. Retain the prefix as long as Airmen remain qualified.

An enlisted Airman/Guardians must meet the following prerequisites for award of this prefix:

1. Possess an AFSC authorized for use with this prefix.
2. Perform satisfactorily in an authorized position requiring performance as an instructor.
3. Meet physical/medical standards for duty in accordance with applicable guidance.
4. Qualify for aviation service according to AFI 11-402*, Aviation and Parachutist Service, Aeronautical Ratings and Aviation Badges*, if applicable

Use prefix K with only the following AFSCs/SFSCs:

1A100	★1A152X/72X/92X	★1A1X2Y	★1A1X3Y	1A153X/73X/93X	★1A1X4X
★1A1X8Y	1A158X/78X/98X	★1A8X1Y	1BXXX	1C5XX/D	1C631/51/71
1D700	1D791	1D7X1/X	1D7X2X	1D7X3	1D7X4X
1D7X5	1H071	1H091	1N0X1	1N2X1A	1N851/71
1U051X/71X/91	1U151X/71X/91/00	1W051/71/91/00	1ZX51/71/91/00	2A590/00	2A600
2A934/A	2A954/A	2A974/A	3N056/76	3N090/00	5C0X1/X
5I051/71	5I2X1	5I000	5S0X1	5Z700	5Z800
5Z900	9S100				

★Prefix L
Inspector General Inspector
(Changed 31 Oct 25)

Prefix L identifies positions on manpower documents and enlisted personnel remaining in their PAFSC while serving in positions assigned to the Office of the Inspector General.

Affix prefix **L** to duty and control AFSCs/SFSCs when enlisted Airmen/Guardians are assigned to authorized prefix **L** positions on the Unit Manning Document. Retain the prefix only so long as they are incumbents.

Award and affix the prefix to the awarded AFSC (P/2/3/4AFSC) when enlisted Airmen/Guardians demonstrate Inspector General inspector qualifications. It is retained until changed or revoked by the unit Inspector General.

An enlisted person must meet the following prerequisites for award of this prefix:
1. Be assigned to an authorized position in the Office of the Inspector General on the unit manning document.
2. Complete Inspector General Training Course through The Inspection Agency.
3. Receive their Inspector General badge.

Members with a current SDI of 8IXXX are **NOT AUTHORIZED** award of Prefix **L.**

★Prefix M
Multi-Domain Operations
(Changed 31 Oct 25)

Prefix M identifies positions on manpower documents and enlisted Airmen/Guardians serving in or qualified to serve in positions requiring functional area expertise, and experience and training relating to employment of military capabilities or effects generated in/from multiple domains (air, space, cyber).

Prefix M is affixed to duty and control AFSCs/SFSCs when enlisted Airmen/Guardians are assigned to authorized prefix M positions and retained only so long as they are incumbents. The Prefix M is available to highly qualified 5-levels, but recommended for 7-levels.

It is awarded and affixed to the awarded AFSC (P/2/3/4 AFSC) when enlisted Airmen/Guardians demonstrate qualifications in more than one domain through training or experiences identified below. It is retained until changed or revoked by the AFSC career field manager.

An enlisted person must meet the following prerequisites for award of this prefix:

1. Possess an AFSC/SFSC authorized for use with this prefix.
2. Completion of the Command-and-Control Warrior Advanced Course (C2WAC) (PDS code 1ZZ); OR
3. Have at least 24 months of experience in the operational aspects of an Air Force multi-domain functional area while serving in an authorized PAFSC; AND have completed a minimum of one formal training course that focuses on multiple domain integration [i.e. Joint Information Planners Course (JIOPC), Joint Cyberspace Planners Course (JCOPC, etc.]

Use prefix M with only the following AFSCs/SFSCs:

1B451/71/91/00	1C351/71/91/00	1C551/71/91/00	1C5XX/D	1C651/71/91/00	1D700
1D791	1D7X1/X	1D7X2X	1D7X3	★1D734/54/74	1D7X4X
1D7X5	1N031/51/71	1N092	1N292	1N432/52/72	★1Z100
★1Z131/51/71/91/00	5C0X1/X	5I0X1	512X1	5S051/71	5I000
5Z700	5Z800	5Z900			

★Prefix N
Network Systems Administrator
(Changed 31 Oct 25)

Prefix N identifies positions on manpower documents and enlisted Airmen/Guardians serving in or qualified to serve in network systems administration positions.

Affix prefix N to duty and control AFSCs/SFSCs when enlisted Airmen/Guardians are assigned to authorized prefix N positions and retained only so long as they are incumbents.

Award and affix the prefix to the awarded AFSC (P/2/3/4AFSC) when enlisted Airmen/Guardians demonstrate qualification. An enlisted person must meet the following prerequisites for award of this prefix:

1. 7-skill level and below.
2. Currently serving as system administrator for a client-server networked system.
3. Six months systems administration experience and completion of technical training in systems administration; or eighteen consecutive months of experience performing primarily as systems administrator. (NOTE: Systems administration technical training can be through AFSC-specific technical school, supplemental course, or through contract provided Training.)
4. Supervisor's recommendation and commander's certification.

NOTE: This prefix is authorized for use on manpower documents with any RI, SDI, or AFSC (5- and 7-skill levels only).

Prefix O
Offensive Cyberspace Operations
(Established 31 Oct 24)

Prefix O identifies positions on manpower documents and enlisted Guardians serving in or qualified to serve in positions as a Cyberspace Capability Developer, Cyberspace Operator, Exploitation Analyst, Host/Network Operator, Network Technician, Telephony Attack Operator, Digital Network Exploitation Analyst, Cyberspace Operations Planner, Data Engineer, Analytic Support Officer with which the AFSC is associated.

Affix prefix O to the duty SFSC when Guardians are assigned to authorized prefix O positions.

Award and affix the prefix to the awarded SFSC (P/2/3/4 AFSC) when Guardians demonstrate instructor qualification.

Affix prefix O to duty and control SFSCs when enlisted Guardians are assigned to authorized prefix O positions. Retain the prefix only on duty and control as long as they are incumbents of an O prefix position.

Retain the prefix as long as Guardian remains qualified.

An enlisted Guardian must meet the following prerequisites for award of this prefix:
1. Possess an SFSC authorized for use with this prefix.

2. Perform satisfactorily in an authorized position requiring performance as an offensive cyberspace operator.

3. Meet physical/medical standards for duty in accordance with applicable guidance.

4. Qualify for Offensive Cyberspace Operations positions based on tasks and pipelines determined as required by the United States Space Force and Cyber Command.

Use prefix O with only the following AFSCs:

5C0X1/X	5I000	5I0X1	5I2X1	5S0X1	5Z700
5Z800	5Z900				

★Prefix Q
Standardization/Flight Examiner
(Changed 31 Oct 25)

Prefix Q identifies positions on manpower documents and enlisted Airmen/Guardians serving in or qualified to serve in standardization/evaluation/flight examiner position as Flight Examiner, Space Evaluator, Aircrew Evaluator, Special Warfare Evaluator, RPA Evaluator, Aerial Reconnaissance Weather Evaluator, Aerospace Maintenance Evaluator, Airborne Journalist Evaluator, Airborne Scientific Evaluator, Cyber Warfare Operations, or Cyber Defense Operations for the weapon system witch which the AFSC/SFSC is associated.

Affix prefix Q to the duty AFSC/SFSC when enlisted airmen are assigned to authorized prefix Q positions and retain only so long as they are incumbents.

Award and affix the prefix to awarded AFSC (P/2/3/4AFSC) when enlisted airmen demonstrate standardization/flight examiner qualification. Retain the prefix as long as enlisted airmen remain qualified.

An enlisted Airman/Guardians must meet the following prerequisites for award of this prefix:

1. Possess an AFSC/SFSC authorized for use with the prefix.
2. Perform satisfactorily in an authorized position requiring performance as a standardization/evaluator/flight examiner.
3. Meet physical/medical standards for duty in accordance with applicable guidance.
4. Qualify for aviation service according to AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Aviation Badges*, if applicable

Use prefix Q with only the following AFSCs/SFSCs:

1A100	★1A1X2Y	1A152X/72X/92X	★1A1X3Y	1A153X/73X/93X	★1A1X4X
★1A1X8Y	1A158X/78X/98X	★1A831Y	★1A851X/71X	1B4XX	1C5XX/D
1C651/71/91	1D700	1D791	1D734/54/74	1D7X1/X	1D7X2X
1D7X3	1D7X4X	1D7X5	1H091/71	1N0XX	1N1X1A
1N2X1A	1N292	1N8X1	1U100	1U191	1U171/X
1U151/X	1W051/71/91/00	1ZX51/71/91/00	2A590/00	2A934/A	2A954/A
2A974/A	3N056/76	3N090/00	5C051/X	5C071/X	5I051/71
512X1	5I000	5S051/71	5Z700	5Z800	5Z900
9S100					

★Prefix R
Contingency/War Planner
(Changed 31 Oct 25)

Prefix R identifies positions on manpower documents and enlisted Airmen/Guardians serving in or qualified to serve in positions requiring functional area expertise, and experience and training in contingency or war planning functions.

Prefix R is affixed to duty and control AFSCs/SFSCs when enlisted airmen are assigned to authorized prefix R positions and retained only so long as they are incumbents.

It is awarded and affixed to the awarded AFSC (P/2/3/4 AFSC) when enlisted Airmen/Guardians demonstrate contingency or war planner qualifications. It is retained until changed or revoked by the AFSC/SFSC career field manager with the concurrence of HQ USAF/A3OD.

An enlisted airman must satisfy one of the following sets of criteria for award of this prefix.

1. Successful completion of one or more of the following courses and have 6 months of experience in a prefix R position:
1.1. MCADRE002 - Contingency/Wartime Planning Course, PDS Code 82U;
1.2. MCADRE003 - Joint Doctrine Air Campaign Course, PDS Code W1B;
1.3. E6AZU49131 009 - Worldwide Military Command and Control System Intercomputer Network (H6000-CDT), PDS Code 11J;
1.4. 4925 - Joint Operation Planning and Execution System User Course (Basic), PDS Code W5J;
1.5. J5OZO9000 003 - Joint Medical Planners Course (JMPC) - PDS Code XH6;
1.6. AMC TPC Tanker Planning Course - PDS Code TPI;
1.7. Deliberate and Crisis Action Planning and Execution Segments End User Course (Basic);
1.8. L6AZW2T251 00AA, Transportation Combat Readiness and Resources Distance Learning (Web-Based) Course-PDS Code INV.
OR
2. 12 months of experience in a prefix R position.
OR
3. ★For enlisted medical personnel (AFSCs 4XXXX), completion of (1) Joint Medical Operations Course-Basic (JMOC B) orAir Force Medical Planners Course (2) Contingency Wartime Planners Course (CWPC), (3) Joint Medical Operations Course-Advanced (JMOC A), (4) Joint Medical Planning Tool Course (JMPT) and (5) served in a Prefix "R" position or a Medical Readiness Planner Fellowship, for 12 months. Additional details regarding medical planner responsibilities can be found in DAFI 41-106, *Medical Readiness Program Management,* and 4A0X1 CFETP.

NOTE: Changes to this prefix must be approved by HQ USAF/A3OD.

Prefix S (USSF only)
Space Test Enterprise
(Established 31 Oct 23)

Prefix S identifies positions on manpower documents and enlisted personnel serving in or qualified to serve in positions at the 5-skill level or 7-skill that directly support space test activities or projects.

Affix prefix S to duty and control specialty code when enlisted Guardians are assigned to authorized prefix S positions. Retain the prefix only so long as they are incumbents.

Award and affix the prefix to the awarded specialty (P/2/3/4 specialty code) when enlisted Guardians demonstrate development craftsman qualifications. Retain the prefix as long as enlisted Guardians remain qualified.

An enlisted person must meet the following prerequisites for award of this prefix:

1. Possess specialty code authorized for use with this prefix.
2. Have completed the approved Space Test School (currently associated with the USAF Test Pilot School).
3. Be assigned to an S-Prefix coded position.

Use Prefix S with only the following specialty codes:

5C051/X	5C071/X	5I051/71	5I251/71	5I000	5S051/71
5Z700	5Z800	5Z900			

★Prefix T
Formal Training Instructor
(Changed 31 Oct 25)

Prefix T identifies positions on manpower documents and enlisted Airmen/Guardians serving in, qualified to serve in, or receiving formal instructor training to qualify to serve in formal training instructor positions. Prefix T will not be assigned to non-instructor positions.

Affix prefix T to the duty AFSC/SFSC when enlisted airmen are assigned to authorized prefix T UMD positions and retained only so long as they are incumbents.

Affix prefix T to the control AFSC/SFSC when enlisted airmen are assigned to these positions, selected for entry into a formal training instructor course leading to such assignment, or selected for instructor duty according to AFI 36-2110, Assignments and the Education and Training Course Announcements (ETCA). Retain the prefix on control and duty AFSCs only so long as enlisted airmen are incumbents of prefix T positions.

Award and affix the prefix to awarded AFSC (P/2/3/4AFSC) in which duty is being performed when enlisted:

1. Possess an AFSC/SFSC and skill level commensurate with control and duty position assigned.
2. Successfully complete a formal instructor training course.
3. For instructors in 3 level AFSC awarding courses, must be an approved candidate on the developmental special duty nomination list, IAW HQ AFPC/DP3A Personnel Services Delivery Memorandum (PSDM) 15-73 (or later) for award of the T- prefix to awarded AFSC (P/2/3/4AFSC).
4. For AETC and designated organizations under AETCI 36-2202, *Faculty Development and Master Instructor Programs*, must be qualified for instructor duty for award of the T-prefix to awarded AFSC (P/2/3/4AFSC).

Prefix withdrawal from awarded AFSC (P/2/3/4AFSC) is managed using the same guidance as AFSC withdrawal, therefore commanders and supervisors must review the conditions and procedural requirements in AFMAN 36-2100, *Military Utilization and Classification,* Chapter 4 and AETCI 36-2202, *Faculty Development and Master Instructor Program*s, before recommending withdrawal of this prefix.

★Prefix U
Information Operations
(Changed 31 Oct 25)

Prefix U identifies positions on manpower documents and enlisted Airmen/Guardians serving in, qualified to serve in, or receiving formal training to qualify to serve in positions requiring Information Operations (IO) expertise and knowledge of:

1. The planning and employment of Military Deception (MILDEC), Psychological Operations (PSYOP), Operational Security (OPSEC), Network Warfare Operations (NW Ops), or Electronic Warfare Operations (EW Ops).
2. Integrating and coordinating these disciplines at the Unified Commands, Headquarters USAF (HAF), Major Commands (MAJCOM), Centers, Agencies, such as National Security Agency or other national agencies, Numbered Air Force (NAF), Combat Numbered Air Forces (C-NAF), Air Operation Centers (AOC), or Information Operations Team (IOT) level positions.
3. They are familiar with IO doctrine, structure, and procedures, including threats, legal issues, ISR assets, and capabilities, as well as national, DoD, and Service organizations and functions.
4. Integrated Control Enablers must understand intelligence, surveillance, and reconnaissance (ISR), precision navigation and positioning, weather, other information dissemination activities, and conducting information operations (offensive and defensive).

NOTE: Use of this prefix on manpower documents is restricted solely to authorizations in Unified Commands, HAF, MAJCOM, Center, NAF, C-NAF, AOC, and IOT positions.

Affix prefix U to the duty and control AFSCs/SFSCs when enlisted Airmen/Guardians are assigned to authorized prefix U positions and retain only so long as they are incumbents.

Additionally, affix prefix U to the control AFSC when enlisted airmen enter a formal training course leading to an IO assignment. If an airman fails to complete training, then withdraw the prefix from the control AFSC.

Award and affix the prefix to the awarded AFSC (P/2/3/4 AFSC) when enlisted Airmen/Guardians demonstrate Information Operations qualification. Retain the prefix as long as enlisted Airmen/Guardians remain qualified.

An enlisted airman must possess the following prerequisites for award of this prefix:

1. Possess an AFSC/SFSC authorized for use with the prefix.
2. Successful completion of the IO Integration Course (IOIC) (PDS code FIX)

OR

3. Prior to 31 Dec 00, with a commander's recommendation, either; (1) 18 months of accumulated IO related experience, or (2) 11 months of in-theater Information Warfare (IW) related experience in positions requiring integration of multiple IO- related tasks to achieve information superiority.

NOTE: Paragraph 3 applies to Air Force Computer Emergency Response Team (AFCERT) personnel, former 609 IW Squadron (IWS) personnel, former members of an IW Support Team, former members of the Joint IO Center (JIOC), some members of the AF IW Center, and anyone previously assigned to a position requiring integration of multiple IO-related tasks to achieve a state of information superiority.

Use Prefix U with only the following AFSCs/SFSCs:

★1A1X2Y	★1A1X3Y	★1A1X4X	★1A1X8Y	★1A831X/51X/71X	1B4X1
1D700	1D791	1D7X1/X	1D7X2X	1D7X3	★1D734/54/74
1D7X4X	1D7X5	1NXXX/X	1U1XX/X	3N0XX	3N1XX
3N351/71/91/00	5C0X1/X	5I0X1	5I2X1	5I000	5Z800
5Z900	9S100				

★Prefix V
Automated Functional Applications Analyst/Monitor
(Changed 31 Oct 25)

Prefix V identifies positions on manpower documents and enlisted Airmen/Guardians serving in, qualified to serve in, or receiving formal training to qualify to serve in positions requiring functional area expertise with the ability to design, analyze, supervise, or monitor the computer applications of automated Air Force functions.

Automated functional applications analysts functionally analyze requirements, define objectives, and determine how they can be met more effectively by automated methods; assist in developing complete plans; and conduct general and detailed flow charts and block diagrams to graphically show systems logic and processing flow from initial input to final output.

Affix prefix V to duty and control AFSCs/SFSCs when enlisted Airmen/Guardians are assigned to authorized prefix V positions. Retain the prefix only so long as they are incumbents. Award and affix the prefix to awarded AFSC (P/2/3/4AFSC) when enlisted Airmen demonstrate automated systems analyst/monitor qualification. Retain the prefix as long as enlisted Airmen/Guardians remain qualified. Withdrawal authority for this prefix is major command or higher.

An enlisted Airmen/Guardians must meet the following prerequisites for the award of this prefix:

1. Possess an AFSC/SFSC authorized for use with this prefix.
2. Have a minimum of 24 months of experience in an authorized prefix V position.
3. Have a minimum of 24 months of experience in designing, analyzing, supervising, or monitoring functional area automated systems while serving in an AFSC/SFSC authorized in the particular function. Experience must include performing system feasibility or application studies for that automated system. Full qualification in Prefix G, Automated Systems Programming Craftsman, may satisfy 12 months of experience necessary for award of prefix V. Capability to perform as a system analyst associated with the automated function is certified by the unit commander or supervisor of the automated system.
4. Completion of a formal systems analyst course is desirable.

Use Prefix V with only the following AFSC/SFSCs:

1C052/72/92/00	1C3X1/00	1C5XX/D	1C651/71/91/00	1C853/73/93/00	1D700
1D791	1D7X1/X	1D7X2X	1D7X3	★1D734/54/74	1D7X4X
1D7X5	1N0XX	1N151A/71A	1N8X1	1W000	1W051/71/91
1Z451/71/00	2A090	2A051/71	2A390/00	2A373	2A353E/L/M
2A377	2A357A/B	2A590/00	2A551/71	2A572	2A552B/D/E
2A574	2A554X	2A600	3E000	3E631/51/71/91	3F031/51/71/91/00
3F151/71/91/00	3F200	3F331/91/00	3F351/X/71/X	3F400	3N090/00
3N056/76	4A171/91/00	4B071/91/00	4P071/91/00	4T071/91/00	4V091/X1S
4Y071/90/00	5C0X1/X	5I051/71	5I000	5S0X1	5Z700
5Z800	5Z900	6F051/71/91/00	7S0X1/00		

★Prefix W
Weapons and Tactics Instructor
(Changed 31 Oct 25)

Prefix W identifies positions on manning documents and Airmen/Guardians serving in, or qualified to serve in, positions with the knowledge of characteristics relating to the operation, use, tactics, and effects of tactical and operational mission sets and/or mission planning, adversary knowledge, intelligence, surveillance, and reconnaissance and multi-MDS employment. Further, these airmen possess the ability to instruct in these disciplines.

The W prefix airmen plan, organize, and instruct academic and flying training to satisfy unit training requirements, including weapons and tactics programs or intelligence planning. Additionally, these airmen possess the critical thinking skills, leadership, and instructor qualities to fulfill any mission needs as determined by squadron leadership.

Affix to the Duty AFSC upon assignment of the qualified Airmen/Guardian to these positions and retain only so long as they are incumbents.

Award and affix to the awarded AFSC (primary, second, or third) in which qualification is demonstrated. Retain so long as the Airmen/Guardians remains qualified.

Airmen/Guardians must possess the following prerequisite for award of this prefix.

Completion of one of the USAF Weapons School Weapons Instructor Course: USAF Weapons School JTAC Weapons Instructor Course (PDS Code 0PX) or Control and Reporting Center Weapons Instructor Course (PDS Code12I).

USAF Weapon School Sensor Operator Advanced Instructor Course (SOAIC), or Advanced Enlisted Mission Planning Course (AEMPC), or USAF Weapons School C-130J (C-130J AIC), or USAF Weapons School C-17 Advanced Instructor Course (C- 17 AIC), or USAF Weapons School KC-135 Advanced Instructor Course (KC-135 AIC), or USAF Weapons School Cyber Warfare Operations Advanced Instructor Course (CWO AIC) HH-60 Special Mission Aviator AIC (HH-60 AIC), HC-130 Loadmaster AIC (HC-130 AIC) CV-22 Special mission Aviator AIC (CV-22 AIC) or Silent Shield AIC.

Career Enlisted Aviators for the following AFSCs, 1A1X2, 1A1X3, 1A1X8, and 1A100 will not possess the W Prefix in the Grade of E-7 and above.

Use prefix W only with the following AFSCs/SFSCs:

1A100	1A152X/72X/92X	★1A1X2Y	★1A1X3Y	1A153X/73X/93X	★1A1X4X
★1A1X8Y	1A158X/78X/98X	★1A831X/51X/71X	1BXXX	1C5XX/D	1C651/71/91
1N031/51/71	1NXXX/X	1N131A/51A/71A	1N191	1N231	1N231A/51A/71A
1N231C/51C/71C	1N290	1N331	1N331F/51F/71F	1N331G/51G/71G	1N331H/51H/71H
1N331I/51I/71I	1N331J/51J/71J	1N331K/51K/71K	1N331M/51M/71M	1N331Z/51Z/71Z	1N391
1N431A/51A/71A	1N490	1N731	1N771	1N831/51/71/91	1Z251/71/91/00
1Z351/71/91/00	5C0X1/X	5I051/71	5I151/71	5I251/71	5I000
5S051/71	5Z700	5Z800	5Z900		

★Prefix X
Aircrew
(Changed 31 Oct 25)

Prefix X identifies positions on manpower documents and Airmen/Guardian serving in or qualified to serve in aircraft crew positions.

Affix prefix X to the duty AFSC when Airmen/Guardians are assigned to aircrew positions on flying status and retained only so long as they are incumbents.

Affix prefix X to the control AFSC when Airmen/Guardians are assigned to aircrew positions on flying status and retained only so long as they are incumbents.

Award and affix the prefix to the awarded AFSC (P/2/3/4AFSC) when Airmen/Guardians demonstrate aircrew qualification. Retain the prefix as long as airmen remain qualified, whether or not they are on flying status.

An enlisted Airman/Guardian must meet the following prerequisites for award of this prefix:

1. Possess an AFSC/SFSC authorized for use with this prefix.
2. Perform satisfactorily in an authorized aircrew position requiring participation in frequent and regular aerial flights or be a graduate of a formal training course leading to qualification in aircrew duties.
3. Meet physical standards for aircrew duty according to AFI 48-123, *Medical Examinations and Standards,* Class III medical standards. Members may be required to meet Ground Based Operator (GBO) physical standards as prescribed in the Medical Standards Directory as determined by the host MDG based on RPA assignment and medical requirements.
4. Qualify for aviation service according to AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Aviation Badges*.

Use Prefix X with only the following AFSCs/SFSCs:

1B451/71	1C351/71/91/00	1C8X3/93/00	1D700	1D791	1D7X1/X	1D7X2X
1D7X3	★1D734/54/74	1D7X4X	1D7X5	1H0X1/00	1NXXX/X	1W000
1W0X1	1Z1X1/00	1Z351/71	1Z4X1/00	2A051/71	2A090	2A551A/B/C/D
2A374	2A554X	2A571	2A574	2A590	2A600	2A690/92
2A6X6	2A934/A	2A954/A	2A974/A	2S0XX	2W151/71	★3F000
★3F0X1	3N056/76	3N090/00	4N031/51/71/91/00	4N031C/D/G/H	4N051C/D/G/H	4N071C/D/G/H
5C0X1/X	5I0X1	5I2X1	5I000	5Z700	8LXXX	9L000
9S100						

Prefix Z (USSF Only)
Agile Software Developer—Supra Coder
(Established 31 Oct 23)

Prefix Z – Identify Guardians in any SFSC who perform duties managing, developing, and designing software solutions supporting both acquisition and operational communities within the United States Space Force. Supra Coders lead, manage, and operate highly functioning, integrated, and autonomous teams of product managers, designers, and/or software developers in software factories, Combat Development Teams (CDTs), and other agile software development teams across the Field Commands. Additionally, they may also serve as specific functional leads within their specialized area of operational expertise.

Supra Coder - Special Experience Identifiers (Product Team Roles)

7BD – Software Developer: Develops and writes/codes (or modifies existing) new front-end/back-end computer/web applications, software, or specialized utility programs following software assurance best practices. Analyzes the security of new or existing computer/web applications, software, or specialized utility programs and provides actionable results. Works on the development phases of the systems development lifecycle. Designs, develops, tests, and evaluates information systems throughout the systems development lifecycle. Researches problems and breaks them into deliverable software iterations. Exhibits strong communication skills and works well in a balanced team, including a paired-programming environment. Uses Lean, Extreme Programming, Test Driven Development, User Centered Design, DevSecOps, and Agile methodologies for full-stack application development.

7BE – User Experience Designer: Makes iterative product design decisions, works on a balanced product team, and responsible for engaging with the individuals who primarily use the product. Understands user pain points and works with the product manager to create user stories for feature sets that meet the needs of the users. Creates intuitive, innovative, and effective user experiences that military operators desire, through learning and understanding of users' needs, behaviors, and emotions to yield insights that inform product strategy and guide the design of the software and systems. Uses design sprints for user research, conducts user interviews, utilizes Lean and Agile methodologies, validates, and iterates on ideas early and often with user feedback.

7BF – Product Manager: Defines and prioritizes product features using Agile/Lean product development practices. Works with the product team, leadership, stakeholders, and product owner to progress the goal of delivering the right product to users. Ensures that the product is successful in terms of user value, stakeholder value, and organizational business goals. Understands the business objectives, stakeholder vision, user needs, and technical challenges associated with the software delivery process. Writes user stories, works with designers and developers to prioritize stories, and manages the day-to-day product team tempo as well as product roadmap and release notes.

Award Criteria:

1. Any SFSC within the USSF is eligible for award of the Z Prefix.
2. Any evolving criteria determined by the USSF Chief Technology and Innovation Officer (CTIO) and identified/published in the six-month life cycle of the Z Prefix education and assessment process.
3. Successful completion of either:

3.1. The Software Development Immersive – highly selective program specific to each role above
3.2. A challenging progression including automated assessments, graded coding projects, and pairing interviews

SECTION II

AIR FORCE SPECIALTY CODES
SPECIAL DUTY IDENTIFIERS
AIR FORCE REPORTING IDENTIFIERS
SPACE FORCE SPECIALTY CODES
SPACE FORCE REPORTING IDENTIFIERS

★AIRCREW OPERATIONS CAREER FIELD (1A)

Introduction

(Changed 31 Oct 25)

The Aircrew Operations Career Field encompass the pre-flight, in-flight, and post-flight duties of inspecting, training, directing, and performing combat, mobility, and special operations pertinent to enlisted primary aircrew activities listed below.

Operates in-flight air refueling controls and switches to safely affect contact between tanker and receiver aircraft. Monitors control panel for proper operation of equipment during air refueling and advises receiver pilot of actions required to safely maintain position within the air-refueling envelope. If required, performs emergency off-load and on-load of fuel.

★Operates, controls, monitors, and regulates aircraft systems such as electric, communication, navigation, hydraulic, pneumatic, fuel, air conditioning, and pressurization; ventilation; auxiliary power unit; and lubrication systems. In addition, assists pilot with engine start and shutdown, visual ground clearance guidance, and monitoring warning indicators for fire, overheat, depressurization, and system failures. Reports abnormal conditions to pilot and crew and recommends corrective action.

Assists pilot or performs engine starts, and monitors run-up, flight operations, and engine shutdown. Operates engine controls to provide desired efficiency and economy. Monitors engine instruments throughout period of operation.

Receives cargo, conducts passenger load briefings, checks placement of cargo and passengers against aircraft limitations and restrictions, determines adequacy of cargo documentation. If required, develops load plans and determines cargo placement and restraint requirements to ensure the aircraft remains within the inflight limitations. In addition, computes aircraft weight and balance and performs mission specific airdrop of personnel and cargo.

Operates, maintains, repairs, and tests airborne communications, radar, electro optical sensor systems, computer, and electronic protection systems.

Plans, coordinates, and manages cabin duties in the performance of ensuring the safety and comfort of passengers on Operational Support and Distinguished Visitor Airlift.

Operates, evaluates, and manages airborne signals intelligence information systems performing identification, acquisition, recording, translating, analyzing, and reporting of assigned voice communications. Provides signals intelligence threat warning support and interfaces with other units. Provides Intelligence, Surveillance, and Reconnaissance threat warning support and interfaces with other units.

Operates, evaluates, maintains, and conducts inflight analysis of airborne weapons and defensive systems to include all associated equipment by applying quick and decisive actions to restore malfunctioning systems to operational condition. Scans for anti-aircraft threats to aircraft and recommends appropriate actions to crew.

CEM Code 1A100*
AFSC 1A192*, Senior Enlisted Leader
AFSC 1A172*, Craftsman
AFSC 1A152*, Journeyman
AFSC 1A132*, Apprentice
AFSC 1A112, Helper

★MOBILITY FORCE AVIATOR

(Changed 31 Oct 25)

1. **Specialty Summary.** The Lead-MAJCOM for aircraft and mission set will determine the Mobility Force Aviator (MFA) performance tasks as outlined in Master Training Tasks/Task Training Lists associated with Mission Design Series crew positions. Performs preflight and post-flight of aircraft and aircraft systems. Receives cargo/passenger load briefings, checks placement of cargo/passengers against aircraft limitations/restrictions, determines adequacy of cargo documentation. Supervises cargo/passenger loading and offloading activities. Services aircraft (e.g. fuel, water, and hydraulics) and creates load plans for cargo and passengers. Determines and directs cargo placement and restraint equipment requirements. Computes aircraft take-off and landing data/weight and balance. Demonstrates use of aircrew flight equipment. Accomplishes passenger comfort activities during flight. Performs aircrew functions and other mission specific qualification duties to include the airdrop of personnel and equipment/cargo. Performs in-flight refueling aircrew functions and activities. Monitors and operates complex aircraft instrumentation systems during flight, to include engine and aircraft systems controls, panels, and indicators. Some missions require non-standard configurations and penetration into hostile/denied territories undetected utilizing night vision devices and terrain, following procedures often in close proximity to other aircraft and operations on unprepared surfaces. The hazardous mission and training environment demands high degrees of attention, focus, professionalism, knowledge, skill, discipline, coordination, and stress management to successfully and safely carry out. Related DoD Occupational Subgroup: 105000, 195000, and 105000.

2. **Duties and Responsibilities:**
2.1. Performs aircraft inspections. Performs aircrew visual inspection; non-scheduled aircraft maintenance; and preflight, through- flight, and post flight inspections of aircraft away from home station. Accomplishes preflight and post- flight records and reports. Maintains aircraft forms and records during flight and while aircraft is away from home station.
2.2. Manages cargo and passenger load briefings. Accomplishes load planning of cargo and passenger loads if required. Supervises cargo and passenger loading for off-loading operations. Directs the placement of material handling equipment to accomplish cargo on/off loading operations. Ensures cargo and passengers are placed according to load plans. Determines cargo restraint requirements according to criteria and directs and checks the application of cargo restraint equipment. Checks cargo/passenger loads against manifests. Determines and verifies passenger, cargo, fuel, and emergency and special equipment distribution and weight. Computes and applies aircraft weight and balance.
2.3. Computes takeoff, climb, cruise, and landing data. Determines engine fuel consumption using airspeed, atmospheric data, charts, computer, or electronic calculator. Records actual aircraft performance data in flight engineer's log.
2.4. Operates and monitors engine and aircraft systems controls and indicators according to flight manual procedures. Assists pilot or performs engine starts, and monitors run-up, flight operations, and engine shutdown. Operates engine controls to provide desired efficiency and economy. Monitors engine instruments throughout period of operation. Controls, monitors, and regulates aircraft systems such as electric, communication, navigation, hydraulic, pneumatic, fuel, air conditioning, and pressurization; ventilation; auxiliary power unit; and lubrication systems. Observes warning indicators and light for fire, overheat, depressurization, and system failure. Reports abnormal conditions to pilot and recommends corrective action. Monitors provides passenger comfort. Prepares and dispenses passenger meals, snacks, and refreshments. Completes required aircraft forms documentation and border clearance requirements. Visually monitors aircraft clearances (interior and exterior), identifies proximal threats to the aircraft and initiates corrective actions (aircraft scanning).
2.5. Performs in-flight refueling aircrew duties. Checks forms for equipment status. Performs visual and operational check of air refueling and associated systems and equipment. Performs in-flight operational check of air refueling systems. Directs receiver aircraft into air refueling position. Operates in-flight air refueling controls and switches to safely affect contact between tanker and receiver aircraft. Monitors control panel for proper operation of equipment during air refueling and advises receiver pilot of actions required to safely maintain position within the air-refueling envelope. Keeps tanker pilot informed as to progress of air refueling operations. Performs emergency operations and procedures as required for emergency off-load and on-load of fuel.
2.6. Ensures availability of fleet service equipment and receives and stows in-flight meals. Accomplishes passenger briefings to include the use of emergency equipment, evacuation procedures, and border clearance requirements. Demonstrates the use of passenger emergency oxygen systems and life vests. Supervises passengers in-flight. Performs jumpmaster duties.
2.7. Conducts cargo and personnel airdrops according to directives. Attaches extraction parachutes to cargo and platforms. Inspects cargo and platforms, extraction systems and connects static lines. Checks tiedowns, parachutes, containers, suspension systems, and extraction systems to ensure proper cargo extraction or release. Operates aircraft airdrop systems and supervises cargo and paratroopers exiting the aircraft.

3. **Specialty Qualifications:**
3.1. Knowledge. Mandatory knowledge of: electrical, arithmetic, mechanical, navigation, communication, hydraulic, and pneumatic systems applying to aircraft and related systems; flight theory; minor in-flight maintenance; aircraft emergency procedures; in-flight refueling system; using and interpreting diagrams, schematics, aircraft performance charts, loading charts, technical publications and flight manuals; aircraft refueling systems; flying directives; weight and balance factors; cargo tie- down techniques; using survival equipment and oxygen;

border agency clearance; dispensing and preserving food aboard aircraft; and understanding types, capacities, and configuration of transport aircraft.
3.2. Education. For entry into this specialty, completion of high school with course(s) in mechanics, mathematics, physics, computer principles, speech, and English is desirable.
3.3. ★Training Completion of the following training is mandatory for award of the AFSC indicated.
3.3.1. ★1A112 Completion of Enlisted Undergraduate Flying Training.
3.3.2. 1A132. Completion of Initial Qualification Training for the assigned aircraft/crew-position and Initial Qualification Course and accompanying Certificate of Aircrew Qualification AF Form 8 in Mission Design Series.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1A152. Qualification in and possession of AFSC 1A132. Also, experience is mandatory in functions such as aircraft and performance weight and balance computations, aircraft records maintenance, aircraft systems maintenance and inspections, inspecting, operating, and troubleshooting in-flight refueling systems; preparing or verifying load plans; loading and unloading aircraft; and instructing passengers in the use of emergency equipment and procedures, in-flight emergency procedures; using personal equipment and oxygen, communications; current flying directives; interpreting diagrams, loading charts, and applicable technical publications; border agency clearance requirements and forms; principles of dispensing and preserving food aboard aircraft; and cargo and personnel airdrop techniques and equipment; certify and maintain Mission Ready (MR) and/or Combat Mission Ready (CMR) status; experience and understanding in aviation organizational functions and shops to include Training, Tactics, Scheduling, and Evaluations.
3.4.2. 1A172. Qualification in and possession of AFSC 1A152. Also, experience is mandatory in performing or supervising functions such as flight engineer activities., inspecting, operating, and troubleshooting in-flight refueling systems; preparing or verifying load plans; loading and unloading cargo on aircraft; and instructing passengers in the use of emergency equipment and procedures, airdrop techniques; weight and balance factors; arithmetic, emergency equipment and in-flight emergency procedures; personal equipment and oxygen use; communications; current flying directives; interpreting diagrams, and applicable technical publications; border agency clearance requirements and forms; principles of dispensing and preserving food aboard aircraft; and cargo restraint techniques. Ability to supervise aviation organizational functions and shops to include Training, Tactics, Scheduling, and Evaluations.
3.4.3. 1A192. Qualification in and possession of AFSC 1A172 and experience managing and directing Mobility Mission functions and activities.
3.5. Other: The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.2. See attachment 4 for entry requirements.
3.5.3. For entry, award, and retention of these AFSCs:
3.6. ★Physical qualification for aircrew duty according to DAFMAN 48-123, *Medical Examinations and Standards*, Class III medical standards.
3.7. Normal depth perception as defined in DAFMAN 48-123.
3.8. ★Qualification for aviation service according to AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Aviation Badges.*
3.9. Must maintain eligibility to deploy and mobilize worldwide.
3.10. Height in accordance with DAFMAN 48-123 and as directed in the current Medical Standards Directory Section T.
3.11. For award and retention of these AFSCs:
3.12. Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, Computer Security.
3.13. Specialty requires routine access to Tier 3 (T3) information, systems or similar classified environments.
3.14. ★Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Department of the Air Force Personnel Security Program.*
3.15. Must not be downgraded to Non-Mission Ready/Non-Combat Mission Ready (NMR/NCMR), or Unqualified (UQ) Status more than four periods in a Ready Aircrew Program cycle due to events under the aircrew member's control.

NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16-1405.

4. ★*Specialty Shredouts:

Suffix	*Primary Aircraft*	*Suffix*	*Primary Aircraft*
A	C-5 Flight Engineer	**L**	C-130H Flight Engineer
B	C-5 Loadmaster	**N**	C-130H Loadmaster
C	C-17 Loadmaster	**O**	EC-130H Flight Engineer
D	C-130J Loadmaster	**P**	LC-130H Loadmaster
E	WC-130 Loadmaster	**Q**	LC-130H Flight Engineer
F	E-3 Flight Engineer	★**Y**	General
G	KC-46 Boom Operator	**Z**	Data Mask Mobility Force Aviator
H	KC-135 Boom Operator		

★****NOTE:*** Y- General shred will be utilized with CFM oversight and approval.

CEM Code 1A100*
AFSC 1A193*, Senior Enlisted Leader
AFSC 1A173*, Craftsman
AFSC 1A153*, Journeyman
AFSC 1A133*, Apprentice
AFSC 1A113, Helper

★SPECIAL MISSION AVIATOR
(Changed 31 Oct 25)

1. ★**Specialty Summary.** Specialty Summary. The Lead-MAJCOM for aircraft and mission set determines the performance tasks of the Special Mission Aviator (SMA), as outlined in the Master Training Tasks/Task Training Lists for Mission Design Series crew positions. Mission types may include combat rescue, special operations, personnel recovery, mobility operations, nuclear security, domestic security, distinguished visitor transportation, firefighting, and geospatial intelligence collection. The SMA, operating rotary-wing, tiltrotor, or fixed-wing aircraft, performs a variety of legacy CEA duties, such as Flight Engineer, Loadmaster, Aerial Gunner, Sensor Operator, Combat Systems Officer, and other specialized roles. The SMA is responsible for receiving cargo and passenger load briefings, verifying the placement of cargo and passengers according to aircraft limitations and restrictions, and ensuring the accuracy of cargo documentation. Additionally, the SMA services the aircraft with fuel, water, and hydraulics, and computes take-off and landing data, including weight and balance calculations. The SMA also demonstrates proficiency in aircrew flight equipment, performs aircrew functions, and manages mission-specific tasks such as personnel and equipment/cargo airdrop. The SMA performs in- flight refueling functions, monitors, and operates complex aircraft instrumentation systems during flight, including engine controls, aircraft systems panels, and indicators. The SMA uses airborne sensors to actively or passively acquire, track, and monitor airborne, maritime, and ground targets, while also overseeing various weapons systems. Some missions require atypical aircraft configurations to penetrate hostile or denied areas undetected, using night vision devices and terrain-following procedures. These missions may also involve operations on unprepared surfaces and runways. To successfully operate in diverse mission and training environments, a SMA must possess professionalism, discipline, attention to detail, knowledge, communication skills, and the ability to manage stress.

2. ★**Duties and Responsibilities:**
2.1. ★The SMA performs pre-flight, thru-flight, post-flight, and operational checks/inspection of aircraft systems, including electrical, propulsion, hydraulic, pneumatic, environmental, emergency and flight control systems, according to applicable flight manuals. The SMA also computes and certifies aircraft performance, weight and balance data for takeoff, in-flight, cruise, and landing, ensuring mission execution. The SMA configures the aircraft based on mission requirements and coordinates logistical support. The SMA operates and monitors aircraft systems, including engine starts, flight operations, and engine shutdowns. The SMA observes aircraft systems, instruments, and warning indicators for malfunctions, analyzes issues, and determines the aircraft's status and mission impact, applying decisive actions as outlined in the flight manuals to mitigate risks and restore systems to operational status. The SMA maintains aircraft flight records, maintenance status forms and performs non-scheduled maintenance, inspections, and servicing of aircraft systems such as fuel, oil, and hydraulic fluids. Additionally, the SMA operates in-flight refueling systems, performs flight testing, and conducts functional check flights following aircraft maintenance and system upgrades.
2.2. ★The SMA operates mission planning systems and software, collaborating with crewmembers to generate mission plans. This includes determining fuel loads, mission requirements, plotting flight routes, considering factors such as airspeed, distance, navigation methods, altitudes, weather conditions, threats, and terrain. The SMA manages the mission and advises the crew on mission status, aircraft capabilities, time-on-target calculations, changes to flight plans, and corrections to deviations. The SMA monitors aircraft performance during all phases of flight, including altitude, air speed, fuel consumption, weather/terrain-following radio detection and ranging (RADAR), and weapon/defensive systems. The SMA also transmits and receives air traffic clearances, adheres to arrival and departure procedures, and implements joint force command and control mission directives. The SMA performs inspections and operational checks of aircraft defensive systems, identifies and counters air defense systems such as radar, infrared, and optically guided surface-to-air missiles, and executes evasive maneuvers to defeat potential threats.
2.3. ★The SMA inspects and operates airborne communications systems, RADAR, computers, Electronic Protection, and Electronic Warfare systems. The SMA determines optimal settings for airborne equipment based on console situation displays and tabular data. The SMA troubleshoots, operates, and loads classified operating parameters for RADAR frequency countermeasure systems, infrared countermeasure systems, and other threat detection and communication systems.
2.4. ★The SMA performs pre-flight inspections and operational checks of aircraft cargo/airdrop systems, in accordance with flight manuals. The SMA develops cargo loading plans, ensuring the correct distribution of weight, verifying the proper placement of cargo, personnel, and equipment. The SMA is also responsible for conducting air and ground infiltration and exfiltration operations, including aerial delivery of personnel and equipment, and cargo sling operations. The SMA calculates the optimal aircraft positioning for cargo or personnel airdrops, based on conditions at the drop zone and parachute aerodynamics. The SMA supervises cargo and personnel airdrops, attaches extraction parachutes to cargo platforms, inspects cargo and platforms, and ensures the correct setup of tie-downs, parachutes, and extraction systems. The SMA ensures all necessary documentation, including flight logs and clearance forms, is completed, and acts as the liaison for interfacing with passengers and military support agencies.
2.5. ★The SMA performs pre-flight inspections and operational checks of aircraft weapons systems and carries out in-flight

maintenance as necessary. The SMA applies decisive actions to restore malfunctioning systems, loads, operates, and positions crew-served weapons, and ensures the proper operation of armament and pyrotechnic systems.
2.6. ★The SMA performs inspections and operational checks of alternate insertion/extraction, hoist, cargo sling, and firefighting systems, ensuring they meet the requirements outlined in flight manuals and technical orders. The SMA advises the crew of threats and obstacles during approach, landing, and hovering, and assists in maneuvering the aircraft to ensure safe landing/insertion/extraction. The SMA also operates alternate insertion/extraction equipment, including fast rope, rope ladder, and rescue hoist systems, while acting as a safety observer during personnel deployment and recovery operations.

3. **Specialty Qualifications:**
3.1. ★Knowledge. In-depth knowledge of the assigned and supporting mission set(s) is required: combat rescue, special operations, personnel recovery, mobility operations, nuclear security, domestic security, distinguished visitor transportation, firefighting, and or geospatial intelligence collection. Proficiency must also extend to various aircraft systems, including electrical, communication, navigation, mechanical, hydraulic, flight control, pneumatic, fire suppression, environmental, and cabin pressurization systems. A strong understanding of diagram and schematic interpretation, flight theory, fixed- and rotary-wing aerodynamics, in-flight maintenance, aircrew flight equipment, oxygen systems, and aircraft emergency procedures is essential. Familiarity with aircraft performance charts, loading charts, technical publications, operational flight instructions, directives, and procedures is also required. Personnel must understand transport aircraft types, capacities, configurations, as well as secure communication systems. Additional areas of required expertise include cargo restraint techniques, full-motion video systems, ammunition and weapons system care and employment, ballistic principles, weapon malfunction analysis and repair, and explosives safety. Competence in air navigation and air traffic procedures, airway and oceanic routes, navigational aids, weather and atmospheric conditions, terrain-following and weather RADAR, night vision devices, parachute and airdrop operations, hot and aerial refueling, active and passive collection sensors, forward-looking infrared systems (FLIR), advanced countermeasures and threat detection systems are also critical to mission success.
3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency with course(s) in mechanics, mathematics, physics, computer principles, speech, and English is desired.
3.3. Training. Completion of the following training is mandatory for award of the AFSC indicated:
3.3.1. ★1A113. Completion of Enlisted Undergraduate Flying Training.
3.3.2. ★Students without prior rotary-wing aviation service entering shreds B, C, F, and G should complete Career Enlisted Aviator Rotary-Wing Fundamentals Course (CEARF).
3.3.3. 1A133. Completion of Initial Qualification Training for the assigned aircraft/crew-position and Initial Qualification Course and accompanying Certificate of Aircrew Qualification AF Form 8 in Mission Design Series.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. ★1A153. Qualification in and possession of AFSC 1A133 is required for AFSC 1A153. Candidates must have experience in key functions such as aircraft performance weight and balance computations, aircraft records tracking, and aircraft systems maintenance and inspections. Additional required competencies include cargo restraint techniques, effective communication practices, familiarity with current flying directives, ability to interpret diagrams, loading charts, and applicable technical publications. Knowledge of border agency clearance requirements and related publications is essential, along with experience in operating cargo loading equipment and conducting cargo/personnel airdrop procedures using appropriate techniques and equipment. Proficiency in inspecting, operating, and troubleshooting aircraft and airborne sensor detection systems, as well as weapons systems, is also mandatory. Responsibilities include performing scanning duties, using night vision goggles (NVGs), managing emergency equipment, and executing in-flight emergency procedures. Members must be able to certify and maintain Mission Ready (MR) and/or Combat Mission Ready (CMR) status. Experience and understanding of aviation organizational functions and support shops—such as Training, Tactics, Standards and Evaluations, and Scheduling—are also required.
3.4.2. ★1A173. Qualification in and possession of AFSC 1A153 is required for AFSC 1A173. In addition, candidates must have experience performing or supervising functions related to Special Missions Aviation activities. This includes knowledge of transport aircraft types, capacities and configurations, airdrop techniques, weight and balance factors, and arithmetic computations relevant to flight operations. Proficiency is also required in the use of emergency equipment and execution of in-flight emergency procedures, personal equipment and oxygen systems, secure communications, and adherence to current flying directives. Candidates must be capable of interpreting diagrams, loading charts, and applicable technical publications, as well as understanding border agency clearance requirements and related documentation. Experience in cargo restraint techniques and in inspecting, operating, and troubleshooting airborne weapons systems is essential. Additional duties include performing scanner tasks, applying NVG procedures, ensuring safe and effective weapons employment, conducting aircrew training and evaluations, and completing all required reports and forms. The ability to supervise aviation organizational functions and support shops— such as Training, Tactics, Standards and Evaluations, and Scheduling—are also required.
3.4.3. 1A193. Qualification in and possession of AFSC 1A173 and experience managing and directing Special Missions Aviation functions and activities.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. See attachment 4 for entry requirements.
3.5.2. For entry, award, and retention of these AFSCs:
3.5.2.1. Physical qualification for aircrew duty according to DAFMAN 48-123, *Medical Examinations and Standard*, Class III medical standards.
3.5.2.2. Normal depth perception as defined in DAFMAN 48-123.

3.5.2.3. Qualification for aviation service according to AFI 11-402*, Aviation and Parachutist Service, Aeronautical Ratings and Aviation Badges*.
3.5.2.4. Must maintain eligibility to deploy and mobilize worldwide.
3.5.2.5. Height in accordance with DAFMAN 48-123 and as directed in the current Medical Standards Directory Section T.
3.5.3. For award and retention of these AFSCs:
3.5.3.1. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments.
3.5.3.2. ★Completion of a current T3 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Department of the Air Force Personnel Security Program.*
3.5.3.3. ★Must maintain local network access IAW AFMAN 17-1201, *User Responsibilities and Guidance for Information Systems* and AFMAN 17-1301, *Computer Security.*
3.5.3.4. Must not be downgraded to Non-Mission Ready/Non-Combat Mission Ready (NMR/NCMR), or Unqualified (UQ) Status for more than four periods in a Ready Aircrew Program cycle due to events under the aircrew member's control.

NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16-1405.

4. *Specialty Shredouts:

Suffix	***Primary Aircraft***
A	AC-130J Gunner
★ **B**	CV-22B Flight Engineer
★ **C**	UH-1N/TH-1H Flight Engineer
D	HC-130J Loadmaster
★ **E**	MC-130J Loadmaster

Suffix	***Primary Aircraft***
★**F**	HH-60W Flight Engineer
★**G**	MH-139A Flight Engineer
★**H**	C-146A Loadmaster
★**Y**	General
Z	SMA Data Masked

★****NOTE:*** Y- General shred will be utilized with CFM oversight and approval

CEM Code 1A100
1A194, Superintendent AFSC
1A174, Craftsman AFSC
1A154, Journeyman AFSC
1A134, Apprentice AFSC
1A114, Helper

Multi-domain Operations Aviator
(Established 31 Oct 2024)

1. Specialty Summary. The Lead-MAJCOM for aircraft and mission set will determine the Multi-domain Operations Aviator (MOA) performance tasks as outlined in Master Training Tasks/Task Training Lists associated with Mission Design Series crew positions. Performs preflight and post-flight requirements of aircraft and aircraft systems. Performs duties as an aircrew member on manned aircraft or Remotely Piloted Aircraft (RPA). Integrates air, space, and cyber domains at the operational level to plan, coordinate, allocate, task, assess, and monitor mission systems to ensure lethal and non-lethal application of airpower. Performs surveillance, combat identification, weapons control, tactical data link management, communications, and airborne network management. Performs mission planning of aircraft and aircraft systems in accordance with aircraft technical orders, applicable Air Force Instructions (AFIs), and Unified Combatant Commands' theater Rules of Engagement (ROE). Detects, analyzes and discriminates between valid and invalid targets using radar systems, electro-optical, low light, infrared full motion video imagery, and other active or passive target acquisition and tracking systems. May be responsible for terminal guidance of precision guided munitions. Supervises and instructs personnel on the operation, maintenance, repair, and test procedures of airborne and ground based aircraft systems. Establishes, manages, and supervises aircrew training. Coordinates with maintenance, communication technicians, and intelligence units to satisfy unit training requirements, including weapons and tactics programs. Evaluates aircrew academic, simulation, in-flight performances, and systems capabilities and recommends improvements. Related DoD Occupational Subgroup: 120100.

2. Duties and Responsibilities:

2.1 Duties include operating, maintaining, repairing, and testing airborne and RPA systems to include communications, electro-optical sensors, radar, computers, navigation, electronic warfare (EW), tactical datalinks, electromagnetic spectrum operations (EMSO) and airborne network systems. Collects and interprets mission data, employs sensors to actively and/or passively acquire, track, and monitor airborne, maritime, and ground objects. Mission types may include air interdiction (AI), air operations in maritime surface warfare (AOMSW), close air support (CAS), personnel recovery (PR), and conducts intelligence, surveillance and reconnaissance (ISR).

2.2 Supports air and ground-based operations to validate targets and threats using various sensors, systems, and munitions to conduct multiple mission sets. Monitors radio communications and analyzes intelligence data to direct aircraft position to assist in navigation and fire control planning. Interprets charts, imagery, and video data supporting relay of information to various agencies to provide real-time mission data, threat, and target updates. Coordinates with airborne, ground, and maritime agencies in relaying identification data of operational targets or threats.

2.3 Plans and operates datalink operations for the area of responsibility to create a single integrated common operating picture. Performs surveillance, identification, tactical data link, and data management functions. Interprets radar data presentation to generate console displays. Compares and reports track positions based on flight data. Maintains logs, forms, and database files of aircraft and missions.

2.4 Performs interior and exterior aircraft scanner duties. Performs and supervises operations and maintenance of airborne mission equipment. Establishes and maintains voice and data communications circuits and links. Manages systems including radio, audio distribution, switching, data, cryptologic, anti-jam, satellite communications, radar, identification friend or foe, recording and playback, multiplex, intercept, analysis, recording, broadcasting, imaging, computer, and network equipment (including ancillary equipment). Monitors mission equipment status and troubleshoots malfunctions. Configures systems for mission control and monitors aircraft, ensuring adherence to procedural checklists and regulations. Responsible for crew and passenger safety. Reports aircraft status to the aircraft commander. May also complete required aircraft servicing in austere locations.

2.5 Establishes and directs aircrew training. Supervises, instructs and evaluates aircrew members. Develops instruction for equipment operations, maintenance, and troubleshooting, ensuring standardized procedures. Identifies training needs, oversees training programs, validates instructional methods and arranges remedial and continuation training.

2.6 Manages operational and maintenance functions. Maintains records, solves complex operational problems, and recommends maintenance and operational enhancements. Advises developers on system operations and maintenance to support acquisition, development, and updates of aircraft systems.

3. Specialty Qualifications:

3.1 Knowledge Requirements: Mandatory knowledge includes electronics, sensor and radar systems, electro-optical sensors, airborne battle management systems and surveillance. Understanding of imagery interpretation, target detection, recognition, tracking, and elimination via air weapons is essential. Familiarity with Tactics, Techniques, and Procedures (TTPs) for friendly and enemy Air Order of Battle (AOB) assets, airborne sensors, armaments, aircraft control, flight procedures, and computer-generated displays is required. Must be able to leverage emerging technology to enhance mission capabilities and connectivity. Required skills include interpreting technical orders, AFIs, schematics, radar theory, digital techniques, networking, communications systems, electronic test equipment, and software diagnostics. Knowledge of Federal Aviation Regulations, Air Force General Flight Rules, emergency procedures, and technical orders that govern aircraft and weapons systems in flight is crucial.

3.2 Education: For entry into this specialty, completion of high school with courses in physics, mathematics, computer principles, typing, speech, and English is desirable.
3.3 Training: Completion of the following training is mandatory for the award of the AFSC indicated:
3.3.1 ★1A114. Completion of Enlisted Undergraduate Flying Training.
3.3.2 1A134 Completion of Initial Qualification Training for the assigned aircraft/crew-position and Initial Qualification Course and accompanying Certificate of Aircrew Qualification AF Form 8 in Mission Design Series.
3.4 Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1 **1A154**. Qualification in and possession of AFSC 1A134. Also, experience is mandatory in functions such as operating and maintaining airborne communications, test, radar and electro-optical sensor systems, computer, and EP systems. Certify and maintain Mission Ready (MR) and/or Combat Mission Ready (CMR) status; experience and understanding in aviation organizational functions and shops to include Training, Tactics, Scheduling, and Evaluations.
3.4.2 **1A174**. Qualification in and possession of AFSC 1A154. Experience and qualification in advanced operations and maintenance of aircraft mission systems. Also, experience is mandatory in performing or supervising aviation organizational functions and shops to include but not limited to Training, Tactics, Scheduling, and Evaluations.
3.4.3 **1A194**. Qualification in and possession of AFSC 1A174 and experience managing and directing Multi-domain Operator Aviator functions and activities onboard airborne and remotely piloted aircraft. Also, experience in managing the core functions of an operational unit to include, but not limited to, Training, Tactics, Scheduling and Evaluations.
3.5 Other. The following are mandatory as indicated:
3.5.1 For entry into this specialty:
3.5.2 See attachment 4 for entry requirements.
3.5.3 For entry, award, and retention of these AFSCs:
3.6 Physical qualification for aircrew duty according to DAFMAN 48-123, *Medical Examinations and Standards*.
3.6.1 Entry into the AFSC will be IAW Class III medical standards. Members may only be required to meet Ground Based Operator (GBO) physical standards as determined by the host MDG based on aircraft assignment and requirements.
3.6.1.1 Normal depth perception as defined by DAFMAN 48-123, *Medical Examinations and Standards*
3.6.2.1 Normal color vision as defined by DAFMAN 48-123, *Medical Examinations and Standards*
3.7 Qualification for aviation service according to AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Aviation Badges.*
3.8 Must maintain eligibility to deploy and mobilize worldwide. Physical qualification for voice communications operations is mandatory.
3.9 Height in accordance with DAFMAN 48-123 and as directed in the current Medical Standards Directory Section T.
3.10 For award and retention of these AFSCs:
3.11 Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
3.12 Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments.
3.13 Completion of a current T5 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program*.
3.14 Must not be downgraded to Non-Mission Ready/Non-Combat Mission Ready (NMR/NCMR), or Unqualified (UQ) Status more than four periods in a Ready Aircrew Program cycle due to events under the aircrew member's control.

NOTE: Award of the entry level AFSC without a completed T5 Investigation is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16-1405.

4. Specialty Shredouts:

Suffix	*Primary Aircraft*
A	E-3G Radar/Comm/Mission Operator
B	E-3A Radar/Comm/Mission Operator
C	E-9 Systems Operator
D	E-11 Mission Coordinator / Payload Operator
E	EC-130H/EA-37B Airborne Maintenance Technician
★**F**	MQ-9 Sensor Operator

Suffix	*Primary Aircraft*
G	RC-135 Airborne Systems Engineer
H	RQ-4 Sensor Operator
★**I**	Maneuver Battle Management Mission System Operator (MBM MSO)
★**J**	MPRIS - Multi-Platform RPA Integration System
Y	General
Z	Multi-domain Operations Aviator Data Mask

★**NOTE*: Y – General shred will be utilized with CFM oversight and approval.

CEM Code 1A100*
AFSC 1A198*, Senior Enlisted Leader AFSC 1A178*, Craftsman
AFSC 1A158*, Journeyman
AFSC 1A138*, Apprentice
AFSC 1A118, Helper

★Executive Mission Aviator
(Changed 31 Oct 25)

1. **Special Duty Summary.** The Lead-MAJCOM for aircraft and mission set will determine the Executive Mission Aviator (EMA) performance tasks as outlined in Master Training Tasks/Task Training Lists associated with the Mission Design Series (MDS) crew position. Performs aircrew functions aboard various Executive Airlift platforms. Performs aircraft visual inspections, in-flight duties, employs aircraft equipment and information systems in direct support of the National Command Authority and Senior Advisors. Computes aircraft take-off and landing data/weight and balance. Some missions require non-standard configurations and operations into geopolitical contentious environments and are responsible for handling and safety of mission customers. Supervises and instructs personnel in operation, repair, and alternate procedures. Establishes, manages, and supervises airborne mission systems operation and directs aircrew Training. The critical nature of the mission and associated training environments demands high degrees of attention, focus, professionalism, knowledge, skill, discipline, coordination, and stress management to successfully and safely carry out. Related DoD Occupational Subgroup: 120100, 155300, 195000.

2. ★**Duties and Responsibilities:**
2.1. Responsible for passenger safety and care during aircraft operations. Demonstrates and maintains proficiency in emergency equipment use, emergency procedures, and egress. Briefs passengers on normal and non-normal use of aircraft systems/equipment and provides emergency medical assistance.
2.2. ★Performs as the direct contact between the USAF and the passenger. Plans and coordinates all passenger needs for normal and non-normal use of aircraft systems and equipment requirements. Passengers include but are not limited to US and foreign senior military and governmental leaders.
2.3. Performs loading and off-loading of aircraft. Coordinates with military and civilian airfield agencies to acquire supplies and transportation. Validates passenger manifest. Performs passenger and baggage inspections. Applies restraint devices such as straps and nets to prevent shifting during flight. Ensures access to escape exits. Directs safety, security, and fire prevention procedures.
2.4. Computes takeoff, climb, cruise, and landing data. Determines engine fuel consumption using airspeed, atmospheric data, charts, computer, or electronic calculator. Records actual aircraft performance data in flight engineer's log.
2.5. Operates, monitors, and repairs airborne voice and data communication systems. Plans, organizes, and coordinates mission activities and materials. Determines aircraft status and coordinates link establishment and network connectivity information. Interprets computer-generated displays, data, and alarms, and takes appropriate switch actions. Performs preflight, in-flight, and post flight inspections. Performs initial power-on and testing of airborne communications, computers, and electronic systems. Establishes and maintains voice and data communications circuits/links. Repairs and maintains airborne communications, computers, and electronic systems. Operates aircraft emergency systems and equipment.
2.6. Operates and monitors engine and aircraft systems controls and indicators. Assists pilot or performs engine starts, and monitors run-up, flight operations, and engine shutdown. Operates engine controls to provide desired efficiency and economy. Monitors engine instruments throughout period of operation. Controls, monitors, and regulates aircraft systems such as electric, communication, navigation, hydraulic, fuel, air conditioning, and pressurization; ventilation; auxiliary power unit; and lubrication systems. Observes warning indicators and light for fire, overheat, depressurization, and system failure. Reports abnormal conditions to pilot and recommends corrective action. Visually monitors aircraft clearances (interior and exterior), identifies proximal threats to the aircraft and initiates corrective actions (aircraft scanning).
2.7. Establishes, supervises, and directs aircrew Training. Develops and directs instruction in equipment operation and Executive Mission Aviator activities. Ensures standardized procedures are taught and used to teach in-flight equipment operation, baggage handling, customer service, form documentation, emergency procedures, and egress. Determines need for specific instruction and establishes training programs on Executive Mission Aviator activities.
2.8. Evaluates Executive Mission Aviator activities. Evaluates compliance with technical manuals, regulations, and work standards. Serves on or directs Executive Mission Aviator inspection teams to evaluate in-flight duties and operational programs. Interprets inspection reports and prescribes corrective actions.

3. Special Duty Qualifications:
3.1. ★Knowledge. Mandatory knowledge of: normal and emergency aircraft procedures, emergency equipment location and use, basic first aid; aircraft systems to include electrical, communication systems, navigation, mechanical, hydraulic, aircraft refueling, flight control, pneumatic, fire suppression, environmental, and cabin pressurization; flight theory; minor in-flight maintenance; using and interpreting diagrams, schematics, aircraft performance charts, arithmetic, weight and balance factors, and loading charts; secure communications use (UHF, VHF, SATCOM, IFF); Interpreting and adhering to Technical Orders/publications, flying instructions/directives/procedures, Air Force Instructions, border agency clearance requirements, and aircraft forms; types, capacities, and configuration of transport aircraft; dispensing and preserving food aboard aircraft; Personnel must maintain competency in customer service/relations, and interpersonal communications.

3.2. ★Executive Mission Aviators will only be considered as a retrain only AFSC from any previously enlisted AFSC.

3.3. Training. Completion of the following training is mandatory for award of the AFSC indicated:
3.3.1. ★1A118. Completion of Enlisted Undergraduate Flying Training.
3.3.2. ★1A138. Completion of Initial Qualification Training for the assigned aircraft/crew-position and Initial Qualification Course and accompanying Certificate of Aircrew Qualification AF Form 8 in Mission Design Series.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. ★1A158. Possession of AFSC 1A138 and completion of Mission Qualification Training. Experience in operating and maintaining airborne equipment and/or information systems; certify and maintain Mission Ready (MR) and/or Combat Mission Ready (CMR) status; experience and understanding in aviation organizational functions and shops.
3.4.2. 1A178. Qualification in and possession of AFSC 1A158. Experience and qualification in advanced operations and employment of aircraft mission systems. Ability to supervise aviation organizational functions and shops to include Training, Tactics, Scheduling, and Evaluations.
3.4.3. 1A198. Qualification in and possession of AFSC 1A178 and experience managing and directing Special Missions Aviation functions and activities.
3.5. For entry into this specialty:
3.5.1. Lead MAJCOMs will establish MDS assignment/hiring criteria
3.5.2. See attachment 4 for entry requirements.
3.5.3. No record of substance abuse, domestic violence, or child abuse.
3.5.4. Never been convicted by a general, special, or summary courts-martial.
3.5.5. Never been convicted by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the accepted number of Category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying.
3.5.6. Completion of a current T5 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, Air Force Personnel Security Program.
3.6. For award and retention of these AFSCs:
3.6.1. Physical qualification for aircrew duty according to DAFMAN 48-123, Medical Examinations and Standards, Class III medical standards.
3.6.2. Normal depth perception as defined in DAFMAN 48-123.
3.6.3. Qualification for aviation service according to AFI 11-402, Aviation and Parachutist Service, Aeronautical Ratings and Aviation Badges.
3.6.4. Must maintain eligibility to deploy and mobilize worldwide.
3.6.5. Height in accordance with DAFMAN 48-123 and as directed in the current Medical Standards Directory Section T.
3.6.6. Ability to speak clearly and distinctively.
3.6.7. Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, Computer Security.
3.6.8. Specialty requires routine access to Tier 5 (T5) information systems or similar classified environments.
3.6.9. Must not be downgraded to Non-Mission Ready/Non-Combat Mission Ready (NMR/NCMR), or Unqualified (UQ) Status more than four periods in a Ready Aircrew Program cycle due to events under the aircrew member's control.
NOTE: Award of the entry level without a completed T5 Investigation is authorized provided an interim Top-Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16-1405.

4. ***Specialty Shredouts:**

Suffix	*Primary Aircraft*	*Suffix*	*Primary Aircraft*
★**A**	C-32/C-40B/C Flight Attendant	★**H**	E-4B Flight Attendant
★**B**	C-32/C-40B/C Communications Systems Operator	★**I**	E-4B Communications Systems Operator/Technician/Controller
★**C**	C-37A/B Flight Attendant	**J**	Presidential Airlift Group, Flight Engineer
★**D**	C-37A/B Flight Engineer	**K**	Presidential Airlift Group, Flight Attendant
★**F**	C-37A/B Communications Systems Operator	**L**	Presidential Airlift Group, Communication System Operator
★**G**	E-4B Flight Engineer	★**Y**	General
		Z	EMA Data Mask

★****NOTE***: Y – General shred will be utilized with CFM oversight and approval.

CEM Code 1A800
AFSC 1A890, Superintendent

★SEL AIRBORNE INTELLIGENCE, SURVEILLANCE AND RECONNAISSANCE (ISR)

(Changed 31 Oct 25)

1. **Specialty Summary.** Leads, manages, supervises, and supervises functions and associated with all aspects of airborne ISR operations in garrison and at deployed locations. Ensures personnel are trained, equipped and available to perform assigned missions. Performs duties to develop, sustain and enhance A-ISR capabilities to defend national interests and create effects to achieve national objectives. Advises commanders regarding effectiveness of collection, processing, exploitation, analysis, production and dissemination of air and ground intelligence activities to support commander's objectives and meet tasked missions. Synchronizes partnerships across AF units, joint functions, interagency organizations, and multinational efforts to support National Defense Strategy. Also see attachment 5 for SEL institutional duties. Related DoD Occupational Subgroups: 123100, 123200, and 155600.

2. **Duties and Responsibilities:**
2.1. Leads, manages, and directs personnel in support of Airborne ISR operations including development, exploitation, evaluation, and production of intelligence information and the dissemination of products to support warfighting operations and other activities.
2.2. Monitors mission readiness, personnel health, training, certifications, and evaluations to identify gaps that may affect mission execution
2.3. Plans, programs, and budgets for resources to ensure equipment availability for training and operational mission execution.
2.4. Evaluates effectiveness of squadron programs that support Airmen or enable operations.
2.5. Analyzes national defense guidance and strategic objectives to ensure operational policy supports execution and Airmen understand roles in mission.
2.6. Can fly as primary aircrew onboard a wide variety of aircraft to operate, evaluate and manage airborne ISR information and related ground processing systems

3. ★**Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: flight theory emergency equipment and procedures; ISR operations and related Cryptologic support to national agencies, service Cryptologic elements and theater elements; joint service relationships and operations concepts; and methods for handling, distributing and safeguarding information.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. The following experience is mandatory for award of the AFSC indicates.
3.4.1. For award of CEM 1A800, qualification in and possession of AFSC 1A890 is mandatory. Also, experience in managing A-ISR or ISR personnel, activities, and programs to meet mission requirements is required.
3.4.2. ★For award of 1A890. Qualification in and possession of AFSC 1A871X or 1A872 is mandatory. In addition, experience in managing A- ISR functions such as training, operations, scheduling, analysis, mission management, tactics, standardization, and evaluation is required. Completion of ISR Advanced CDP is expected within one year of date of rank to Senior Master Sergeant.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. No record or history of temporomandibular joint pain or disorder.
3.5.1.2. See attachment 4 for additional requirements.
3.5.2. For entry, award, and retention of these AFSCs:
3.5.2.1. ★Physical qualification for aircrew duty according to DAFMAN 48-123, *Medical Examinations and Standards*, Flying Class III medical standards and AFS height requirements as listed in the Medical Standards Directory.
3.5.2.2. ★Qualification for aviation service according to DAFMAN 11-402, *Aviation Missile and Parachutist Service.*
3.5.2.3. Specialty requires routine to Tier 5 (T5) information, systems, or similar classified environments.
3.5.2.3.1. ★Completion of a current T5 Investigation IAW DoDM 5200.02, DAFMAN 16-1405, Air Force Personnel Security Program.
Note: Award of the entry level without a completed T5 Investigation is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02, DAFMAN 16-1405
3.5.2.3.2. Must successfully complete a polygraph examination and meet customer mission access eligibility requirements.
Note: Airmen unable to maintain T5 Investigation, unable to complete polygraph or gain mission access to systems and or facilities will be retrained or separated. Begin the process no later than day 365 of lack of access. Contact Career Field Manager for waiver authorization. CFM maintains waiver authority.
3.5.2.3.3. ★Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and DAFMAN 17-1301, *Computer Security* (*COMPUSEC*).
3.5.2.4. Must maintain eligibility to deploy and mobilize worldwide, Airmen coded who are unable to maintain deployment eligibility or worldwide clearance in excess of 12 months will be retrained or separated.

★AFSC 1A871, Craftsman
★AFSC 1A851, Journeyman
★AFSC 1A831, Apprentice
AFSC 1A811, Helper

★AIRBORNE CRYPTOLOGIC LANGUAGE ANALYST (ACLA)

(Changed 31 Oct 25)

1. ★**Specialty Summary.** Operates, evaluates, and manages airborne signals intelligence information systems and operations activities and related intelligence and analysis activities on ground processing systems. Performs identification, acquisition, recording, translating, analyzing, and reporting of assigned voice communications. Provides signals intelligence threat warning support and interfaces with other units. Performs and assists in mission planning. Maintains assigned aviation publications and currency items and is knowledgeable on DoD/Intelligence Community and Air Force Intelligence regulations. Participates in theater and tactical level ISR coordination networks. Transcribes, processes, analyzes, and disseminates ISR information obtained from onboard sensors during mission activities and conducts follow-on analysis of assigned communications as required. Related DoD Occupational Subgroup: 123200.

2. **Duties and Responsibilities:**
2.1. Performs and assists in mission planning. Provides mission planning inputs to maximize mission success. Prepares and distributes operational intelligence information to crew. Coordinates mission profile requirements and priorities. Prepares mission data files and technical aids. Review status of mission aircraft, targets, and air tasking order information. Monitors employment of other assigned air assets and operations.
2.2. Processes, exploits, analyzes, and disseminates signal intelligence information in an airborne environment. Operates airborne signals intelligence systems and executes mission within standard requirements. Performs frequency search missions over specified portions of the radio spectrum with sophisticated computerized radio spectrum with sophisticated computerized radio receiver suites. Tunes and records data as needed. Monitors, complies, and examines signals intelligence information. Translates, evaluates, and locates assigned communications. Records and correlates data from displays and in-flight intelligence data and database flies to perform preliminary analysis. Identifies and analyzes traffic for reportable significance. Improves analytical methods and procedures and maximizes operational effectiveness. Compiles operational data for mission reports. Ensures accuracy, completeness, format, and compliance with current directives and mission system performance engineering, preventive maintenance programs, and aircrew procedures.
2.3. Provides threat warning and actionable intelligence to customers as required. Achieves and maintains situational awareness of impending/ongoing air, ground, and maritime combat operations. Employs intelligence information systems to satisfy air, ground, and maritime force intelligence and threat warning requirements. Provides threat warning information to aircrews and other agencies. Coordinates with airborne, ground, and maritime agencies to distribute and relay operational threat and identification data. Transmits identification and other mission information. Knowledgeable of U.S. and allied operations such as interception, interdiction, Close Air Support (CAS), Combat Search and Rescue (CSAR), Combat Air Patrol (CAP), reconnaissance, Offensive or Defensive Counter Air (OCA/DCA), Suppression of Enemy Air Defenses (SEAD), and Special Operations Forces (SOF). See MDS specific doctrine mission statements.
2.4. Coordinates and exchanges identification information. Coordinates with aerospace rescue and recovery services and operations. Maintains liaison with reporting agencies required for mission execution.
2.5. Performs aircrew duties. Demonstrates and maintains proficiency in emergency equipment use and procedures, and egress. Performs pre-flight, in-flight, and post-flight inspections. Operates aircraft systems and equipment, such as electrical, interphone, doors, and exits. Performs preventive maintenance on mission equipment. Ensures equipment and resources are externally clean, functional, and free from safety hazard. Reports malfunctions and observations. Supervises loading and off-loading of classified material and personal aircrew gear. Applies restraint devices, such as cargo straps and nets, to prevent shifting during flight. Ensures access to escape exits.
2.6. Maintains technical aids, logs, and records. Compiles and maintains operation records and statistics. Ensures logs, forms, and correspondence are properly completed, annotated, and distributed. Monitors and maintains working aids, and analytical references.
2.7. Performs ground intelligence duties. Reviews signal intelligence information from airborne missions and correlates additional intelligence data to further refine analytic assessments. Works with other analysts to evaluate information and provide refined analysis as required. Injects new information back into mission planning and preparations processes.
2.8. Performs office duties as assigned. Duties can include functions such as operations, analysis, mission planning, tactics, training, standardization and evaluations, scheduling, deployment operations, or other administrative, aviation or ISR management functions.

3. **Specialty Qualifications:**
3.1. Mandatory Knowledge. Proficiency in a designated language, ISR operations and cryptologic support and theater elements; joint service relationships and operational concepts; organization of national intelligence structure; tasking strategies; radio communications operations theory; communications techniques; operation of acquisition, recording, and processing equipment; communications networks; formats, terminology, and theory of traffic analysis; organization of designated military forces; geography, reporting principles, procedures, and format; procedures for processing and distributing intelligence data; functions and operations of electronic equipment; basic computer operations, and methods for handling, distributing, and safeguarding information, and aircraft emergency and procedures.
3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Also, completion of courses in foreign languages, mathematics, typing, and computers is desirable.

3.3. ★Training. For award of AFSC 1A831X, completion of Basic Military Training, the CEA Fundamentals Course, Apprentice Airborne Cryptologic Language Analyst (Non-Target) course, and designated survival schools are mandatory. Must attend language accession or conversion training or possess minimum language proficiency scores of L2/R2 as measured by DLPT.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. ★1A851X. Qualification in and possession of AFSC 1A831X. Completion of I/MQT and CMR. Completion of B-CDP.
3.4.2. ★1A871X. Qualification in and possession of AFSC 1A851X. Meet Aircrew Position Indicator (API) requirements in accordance with DAFMAN 11-402, Table 3.1 and the Unit Manpower Document. Must possess minimum DLPT scores of L2/R2. Upon completion of training, member must have 12 months' experience performing or supervising airborne Intelligence Surveillance Reconnaissance functions. Completion of I-CDP is expected within one year after date of rank to Technical Sergeant.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. No record or history of temporomandibular joint disorder or pain.
3.5.1.2. A minimum score of 62 on the Predictive Success Model.
3.5.1.3. For DLI by-pass ONLY: Demonstrated proficiency in an AF mission language with a current (within the last 12 months) L2/R2 or better on the DLPT and a security screening review will be considered by AF Career Field Manager.
3.5.1.4. Ability to type at a rate of 25 words per minute.
3.5.1.5. See attachment 4 for additional entry requirements.
3.5.2. For entry, award, and retention of these AFSCs - 1A831X/51X/71X:
3.5.2.1. ★Physical qualification for aircrew duty according to DAFMAN 48-123, Medical Examinations and Standards, Flying Class III medical standards and AFS height requirements as listed in the Medical Standards Directory.
3.5.2.2. ★Qualification for aviation service according to DAFMAN 11-402, Aviation, Missile, and Parachutist Service.
3.5.2.3. Annual demonstrated proficiency in the CAFSC assigned AF language with an L2/R2 or better on the DLPT. Note: Language proficiency is a highly perishable skill, and a remediation process is detailed in the CFETP to ensure return on significant language training investment.
3.5.2.4. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environments.
3.5.2.4.1. ★Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Department of the Air Force Personnel Security Program.* Note: Award of the entry level without a completed T5 Investigation is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02, DAFMAN 16-1405.
3.5.2.4.2. ★Must successfully complete a polygraph examination and meet customer mission access eligibility requirements. Note: Airmen unable to maintain T5 Investigation, unable to complete polygraph or gain mission access to systems and or facilities will be retrained or separated. Begin the process no later than day 365 of lack of access.
3.5.2.4.3. ★Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and DAFMAN 17-1301, *Computer Security (COMPUSEC).*
3.5.2.5. Must maintain eligibility to deploy and mobilize worldwide. Airmen coded who are unable to maintain deployment eligibility or worldwide clearance in excess of 12 months will be considered for retrain or separated.

4. **Specialty Shredouts:**

Suffix	*Portion of AFS to Which Related*	*Suffix*	*Portion of AFS to Which Related*
F	Arabic	**J**	Spanish
G	Chinese	**K**	Persian
H	Korean	★**Y**	General
I	Russian	**Z**	Divested Languages

★***NOTE:*** Shredouts are applicable to the 1-, 3-, 5- and 7- skill level only. Y- General shred will be utilized with CFM oversight and approval.

AFSC 1A872, Craftsman
AFSC 1A852, Journeyman
AFSC 1A832, Apprentice
AFSC 1A812, Helper

★AIRBORNE INTELLIGENCE, SURVEILLANCE, AND RECONNAISSANCE (ISR) OPERATOR
(Changed 31 Oct 25)

1. **Specialty Summary.** Operates, evaluates, and manages airborne ISR information systems, operations activities and related intelligence and analysis activities on ground processing systems. Performs identification, acquisition, recording, analysis, and reporting of assigned ISR tasks. Provides ISR threat warning support and interfaces with other units. Performs and assists with mission planning. Maintains assigned aviation publications and currency items and is knowledgeable on DoD/Intelligence Community and Air Force Intelligence regulations. Participates in theater and tactical-level ISR coordination networks. Processes, analyzes, and disseminates ISR information obtained from onboard sensors during missions activities and conducts follow on analysis of assigned collection as required. Related DoD Occupational Subgroups: 123100, 123200, and 155600.

2. **Duties and Responsibilities:**
2.1. Performs and assists in mission planning. Provides mission planning inputs to maximize mission success. Prepares and distributes operational intelligence information to crew. Coordinates mission profile requirements and priorities. Prepares mission data files. Review status of mission aircraft, targets, and air tasking order information. Monitors employment of other assigned air assets and operations.
2.2. Processes, exploits, analyzes, and disseminates intelligence information in an airborne environment. Operates airborne intelligence systems and executes mission within standard requirements. Conducts environmental surveys of radio frequency spectrum with sophisticated computerized radio receiver suites. Tunes and records data as needed. Annotates electromagnetic events, measures parameters, compares sensor data results with in-flight databases of previously catalogued signals to determine likely emitter source, and determines location of signal. Analyzes structure and content of machine-based communications. Digitally archives key events for follow-on processing. Extracts essential elements of information for reportable significance. Disseminates threat warning information to affected entities via established channels. Maintains logs to document mission results. Prepares in-flight and post-mission reports. Ensures accuracy, completeness, format, and compliance with current directives and mission system performance engineering preventive maintenance programs, and aircrew procedures.
2.3. Provides threat warning and actionable intelligence to customers as required. Achieves and maintains situational awareness of impending/ongoing air, ground, and maritime combat operations. Employs intelligence information systems to satisfy air, ground, and maritime force intelligence and threat warning requirements. Provides threat warning information to aircrews and other agencies. Coordinates with airborne, ground, and maritime agencies to distribute and relay operational threat and identification data. Transmits identification and other mission information. Knowledgeable of U.S. and allied operations such as interception, interdiction, Close Air Support (CAS), Combat Search and Rescue (CSAR), Combat Air Patrol (CAP), reconnaissance, Offensive or Defensive Counter Air (OCA/DCA), Suppression of Enemy Air Defenses (SEAD), and Special Operations Forces (SOF). See MDS specific doctrine mission statements.
2.4. Coordinates and exchanges identification information. Coordinates with aerospace rescue and recovery services and operations. Maintains liaison with reporting agencies required for mission execution.
2.5. Perform aircrew duties. Demonstrates and maintains proficiency in emergency equipment use and procedures, and egress. Performs pre- flight, through-flight, and post-flight inspections. Operates aircraft systems and equipment, such as electrical, interphone, door, and exits. Performs preventive maintenance on mission equipment. Ensures equipment and resources are externally clean, functional, and free from safety hazard. Reports malfunctions and observations. Supervises loading and off-loading of classified material and personal aircrew gear. Applies restraint devices, such as cargo straps and nets, to prevent shifting during flight. Ensures access to escape exits.
2.6. Performs ground intelligence duties. Reviews signals information from airborne missions and correlates additional intelligence data to further refine analytic assessments. Works with other analysts to evaluate information and provide refined analysis as required. Injects new information back into mission planning and preparations processes.
2.7. Performs office duties as assigned. Duties can include functions such as operations, analysis, mission planning, tactics, training, standardization and evaluations, scheduling, deployment operations, or other administrative, aviation or ISR management functions

3. ★**Specialty Qualifications:**
3.1. Knowledge. ISR operations and related Cryptologic support to national agencies, service Cryptologic elements and theater elements; joint service relationships and operations concepts; organization of national intelligence structure, tasking strategies; radio propagation and modulation theory; radio communications networks, operations, and techniques; collection and processing procedures; signals and traffic analysis techniques; tasking strategies; reporting concepts, formats and procedures; mission planning and management; basic computer and electronic equipment operations; and methods for handling, distributing and safeguarding information and aircraft emergency equipment and procedures.
3.2. Education. For entry into specialty completion of high school or general educational development equivalency is mandatory. Also, completion of courses in advanced mathematics, computers, electronics, and typing is desirable.
3.3. ★Training. For award of AFSC 1A832, completion of Basic Military Training, the CEA Fundamentals Course; Apprentice Signals Analysis Course; and the designated survival schools are mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. ★1A852. Qualification in and possession of AFSC 1A832. Completion of I/MQT and CMR. Completion of B-CDP and six months experience performing or supervising airborne Intelligence Surveillance Reconnaissance functions.
3.4.2. ★1A872. Qualification in and possession of AFSC 1A852. Minimum grade of SSgt Select. Meet Aircrew Position Indicator (API) requirements in accordance with DAFMAN 11-402, Table 3.1 and the Unit Manpower Document. Complete minimum 60 hours instructor-led cryptologic training. Upon Completion of training, attain twelve months experience performing or supervising airborne Intelligence Surveillance Reconnaissance functions. Completion of I-CDP expected within one year after date of rank to Technical Sergeant.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. No record or history of temporomandibular joint pain or disorder.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. ★For entry, award, and retention of these AFSCs - 1A832/52/72:
3.5.2.1. ★Physical qualification for aircrew duty according to DAFMAN 48-123, *Medical Examinations and Standards*, Flying Class III medical standards and AFS height requirements as listed in the Medical Standards Directory.
3.5.2.2. Qualification for aviation service according to AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Aviation Badges.*
3.5.2.3. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environments.
3.5.2.3.1. ★Completion of a current T5 Investigation IAW DoDM 5200.02, DAFMAN 16-1405, *Department of the Air Force Personnel Security Program*. NOTE: Award of the entry level without a completed T5 Investigation is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02, and DAFMAN 16 -1405.
3.5.2.3.2. ★Must successfully complete a polygraph examination and meet customer mission access eligibility requirements.
NOTE: Airmen unable to maintain T5 Investigation, unable to complete polygraph or gain mission access to systems and or facilities will be retrained or separated. Begin the process no later than day 365 of lack of access.
3.5.2.3.3. ★Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and DAFMAN 17-1301, *Computer Security (COMPUSEC).*
3.5.2.3.4. ★Must maintain eligibility to deploy and mobilize worldwide. Airmen coded who are unable to maintain deployment eligibility or worldwide clearance in excess of 12 months will be considered for retrain or separated.

CYBER WARFARE CAREER FIELD (1B)

Introduction

(Changed 30 Apr 24)

The Cyber Warfare Career Field encompasses functions to develop, sustain, and enhance cyberspace capabilities to defend national interests from attack and to create effects in the cyberspace domain to achieve national objectives. Executes Computer Network Operations/cryptologic activities, Offensive Cyberspace Operations, Defensive Cyberspace Operations, and Department of Defense Information Network Operations activities for effects using established tactics, techniques, and procedures to achieve Service, Combatant Command and national objectives.

CEM Code 1B000
AFSC 1B491, Superintendent

CYBER WARFARE OPERATIONS
(Changed 30 Apr 24)

1. **Specialty Summary.**
1.1. Manages cyber and information warfare operations in garrison and at deployed locations. Performs duties to develop, sustain, and enhance cyberspace capabilities to defend national interests from attack and to create effects in the cyberspace domain to achieve national objectives. Oversees the execution of Computer Network Operations (CNO)/cryptologic activities, Offensive Cyberspace Operations (OCO), Defensive Cyberspace Operations (DCO), and Department of Defense (DoD) Information Network (DoDIN) Operations for effects. Guides intelligence information analysis and exploitation and aids key operational leader situational awareness. Related DoD Occupational Subgroup: 127000.

2. **Duties and Responsibilities:**
2.1. Conducts, manages, and directs personnel in support of CNO/cryptologic activities, OCO, DCO, and DoDIN Operations. Manages the execution of operations plans to ensure positive control of assigned resources. Evaluates operational effectiveness of communications, sensors, intrusion detection, and related support equipment.
2.2. Analyzes national defense guidance and strategic objectives to create operational policies. Implements policy through development of tactics, techniques, and procedures (TTP) to execute assigned weapon systems, joint platforms and capabilities, and command and control (C2) capabilities. Plans, programs, and develops budget inputs to ensure resource availability. Plans and conducts exercises and evaluations to ensure units meet operational readiness goals, adheres to operational procedures, and uses sound management practices.
2.3. Manages synchronization of cyberspace operations with Joint, Interagency, Intergovernmental, and Multinational forces to establish situational awareness of both friendly and adversary operations.
2.4. Manages specific cyberspace actions including cyberspace defense, cyberspace operations in support of intelligence operations, cyberspace exploitation, and cyberspace attack in order to support OCO and DCO.

3. **Specialty Qualifications:**
3.1. Knowledge. Mandatory knowledge includes knowledge of cyber warfare operations fundamentals, laws and ethics, intelligence, cyberspace systems and platforms, cyber warfare operations, planning, networking fundamentals, operating systems, Air Force basic cyber operations, defensive cyber operations, offensive cyber operations, and other upgrade training tasks.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 1B491, qualification in and possession of AFSC 1B471 is mandatory.
3.5. Other:
3.5.1. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environments. For award and retention of AFSCs 1B4X1, completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program.,* is mandatory.
3.5.2. Must maintain foundational qualification IAW DAFMAN 17-1303, *Cybersecurity Workforce* Improvement as specified by AFSC and/or work role SEI.
3.5.3. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security (COMPUSEC)*.

AFSC 1B471, Craftsman
AFSC 1B451, Journeyman
AFSC 1B431, Apprentice
AFSC 1B411, Helper

CYBER WARFARE OPERATIONS
(Changed 30 Apr 24)

1. **Specialty Summary.**
1.1. Performs duties to develop, sustain, and enhance cyberspace capabilities to defend national interests from attack and to create effects in cyberspace to achieve national objectives. Plans and conducts Cyber Network Operations (CNO)/cryptologic activities, Offensive Cyberspace Operations (OCO), Defensive Cyberspace Operations (DCO), and Department of Defense (DoD) Information Network (DoDIN) Operations using established tactics, techniques, and procedures to achieve Service, Combatant Command (CCMD), Cyber Mission Force (CMF) and national objectives. Executes command and control (C2) synchronization of assigned cyberspace forces and de-conflicts cyberspace operations across the kinetic and non-kinetic spectrum. Supports cyberspace capability development, testing, and implementation. Partners with Joint, Interagency, Intergovernmental, and Multinational forces to detect, deny, degrade, disrupt, destroy, manipulate, and mitigate adversarial access to sovereign national or partner cyberspace systems. Related DoD Occupational Subgroup: 127000.

2. **Duties and Responsibilities:**
2.1. Conducts OCO. Plans and/or performs OCO actions to project power by application of force in, from, and through cyberspace. OCO may include targeting adversary functions through cyberspace or using first-order effects through cyberspace to initiate cascading effects into the physical domain. These effects may include a variety of valid military targets such as weapon systems, C2 processes, and critical infrastructure/key resources. Integrates OCO actions into CCMD or warfighting boards, bureaus, cells, centers, and working groups as required for inclusion into operational and strategic planning efforts.
2.1.1. 1B4X1 CMF OCO work roles include but are not limited to: Cyberspace Operator, Planner, and Cyber Capability Developer.
2.2. Conducts DCO. Plans and/or conducts DCO actions to defend the DoDIN and other friendly cyberspace. DCO includes threat-informed cyberspace defense operations to preserve the ability to utilize friendly cyberspace capabilities and protect data, networks, net-centric capabilities, and other designated systems. Cyber warfare operators conduct both DCO-Internal Defense Measures (DCO-IDM) and DCO-Response Actions (DCO-RA). DCO-IDM duties performed by cyber warfare operators do not include passive defense measures intended to maintain and operate the DODIN such as configuration control, patching, or firewall operations. Cyber warfare operator missions conducted as part of DCO-IDM should utilize the workforce's highly specialized skills such as pro-active and aggressive internal threat hunting for advanced and/or persistent threats, reverse engineering, and malware analysis. Integrates DCO actions into CCMD, warfighting and/or service boards, bureaus, cells, centers, and working groups as required for inclusion into operational and strategic planning efforts.
2.2.1. 1B4X1 CMF DCO work roles include but are not limited to: Host Analyst, Network Analyst, Cyber Crew Lead, Mission Element Lead, Planner, Non-commissioned Officer In Charge (NCOIC), Data Engineer, and Analytic Support Officer.
2.3. Conducts CNO/cryptologic activities. Aids planning and conducts operations in support of CNO/cryptologic activities. Employs techniques to collect, identify, and exploit appropriate communications and artifacts of potential intelligence value. Performs data analysis to help judge relevant cyber intelligence information value, provides risk assessments to aid operational decision-making, de-conflicts threats to cryptologic system employment, and issues guidance for service and joint partners.
2.4. Performs cyberspace mission planning and execution. Provides tailored planning, threat analysis, and cyber expertise necessary to synchronize cyberspace operations capabilities and functions into the Joint Planning Process. Supports integration and collection of combat assessment indicators. Develops operational tasks and orders, evaluates mission feedback, and aligns strategic intent.
2.5. Develops and executes tactics, techniques, and procedures (TTPs) for cyberspace operations. Analyzes national defense guidance and strategic objectives to create operational policies and plans. Implements policies through the development of TTPs in support of assigned cyber capability execution. Applies forensic, malware analysis, and reverse engineering TTPs to determine the extent of battle damage sustained during cyberspace attacks. These efforts may require partnering with other Joint, Interagency, Intergovernmental, and Multinational forces.
2.6. Performs research and development in order to integrate cyber warfare operations into information warfare plans and programs. This may include developmental testing and evaluation or operational testing and evaluation to support new capability development or to support modifications of existing capabilities. Assesses and reverse engineers network nodes and infrastructure devices (to include operating systems and software applications) to determine capabilities, functionalities, limitations, and vulnerabilities.
2.7. Establishes performance standards, trains, and conducts evaluations to ensure personnel are proficient, qualified, and certified. Plans, conducts, and evaluates exercises to enhance operational readiness and ensure adherence to operational procedures.
2.8. Duties and responsibilities of a 1B4X1 do not include contract management, oversight and/or Contractor Officer Representative (COR) responsibilities.

3. **Specialty Qualifications:**

3.1. Knowledge. Mandatory knowledge includes knowledge of cyber warfare operations fundamentals, laws and ethics, intelligence, cyberspace systems and platforms, cyber warfare operations, planning, networking fundamentals, operating systems, Air Force basic cyber operations, defensive cyber operations, and offensive cyber operations.
3.2. Education. For entry into this specialty, prior coursework in Science, Technology, Engineering, and Mathematics (STEM) is desirable. An Associate's degree or higher in related STEM fields and/or an Information Technology (IT) certification are also desirable.
3.3. Training. For award of AFSC 1B431, completion of the Cyber Warfare Operations initial skills course is mandatory unless specifically waived by the 1B Career Field Manager
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1B431. Completion of the Cyber Warfare Operations Apprentice Course (E3ALR1B431 0A1A; PDS Code: 02S)
3.4.2. 1B451. Qualification in and possession of AFSC 1B431 and experience performing functions such as CNO/cryptologic activities, OCO, DCO, or DoDIN Operations.
3.4.3. 1B471. Qualification in and possession of AFSC 1B451 and experience performing and supervising functions such as CNO/cryptologic activities, OCO, DCO, or DoDIN Operations.
3.4.4. 1B491. Qualification in and possession of AFSC 1B471 and experience performing and supervising functions such as CNO/cryptologic activities, OCO, DCO, or DoDIN Operations.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.2. A minimum score of 70 on the Air Force Electronic Data Processing Test (EDPT).
3.5.3. Armed Services Vocational Aptitude Battery (ASVAB) or Armed Forces Classification Test (AFCT) must have been taken within 2 years from date retraining application is submitted.
3.6. See attachment 4 for additional entry requirements.
3.7. For award and retention of these AFSCs:
3.7.1. Must attain and maintain foundational qualification IAW DAFMAN 17-1303, *Cybersecurity Workforce* Improvement as specified by AFSC and/or work role SEI.
3.7.2. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management*, and AFMAN 17-1301, *Computer Security (COMPUSEC)*
3.7.3. This specialty requires routine access to Top Secret material or similar environments. For award and retention of 1B431, completion of a current Tier 5 (T5) investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program Management* is mandatory. Initial attendance in the 1B431 AFSC awarding course without a completed T5 is authorized, provided that interim Sensitive Compartmented Information (SCI) eligibility has been granted IAW Investigation IAW DoDM 5200.02_AFMAN 16-1405 and Intelligence Community Directive (ICD) 704. Airmen who cannot obtain at least an interim SCI in advance of their programmed class graduation are not eligible for entry into the 1B431 AFSC awarding course.

COMMAND AND CONTROL SYSTEMS OPERATIONS CAREER FIELD (1C)

Introduction

(Changed 31 Oct 14)

The Command and Control Systems Operations Career Field encompasses the functions involved in aerospace surveillance and aerospace vehicle detection, including missile warning systems, controlling, and plotting. This field includes control tower and airways operations; ground-controlled approach procedures; operation of all types of ground radar and related communications equipment, except weather equipment; maintenance of fixed and mobile ground radar, meteorological, navigational aids, and air traffic control radio systems and associated equipment; either manual or semiautomatic plotting functions, or both, performed in aircraft filter centers and intercept control

centers; establishing and providing air traffic control services in forward operating areas; operation of space surveillance and detecting and tracking equipment; operation of airborne search and height finding type of radar equipment; airfield management functions of inspecting the airfield, coordinating airfield operations support with various base agencies, managing daily airfield operations; coordinating air operations with air traffic control agencies; operations systems management functions of maintaining custodial control and accountability of flight records, preparing and processing aeronautical orders and military pay orders, and compiling, recording, and auditing input data for resource management data systems; performance of command and control functions; operation of electronic warfare countermeasures equipment; functions of operating radio transceivers and associated equipment; performing preventive maintenance on radio communications and related equipment; submitting close air support, tactical air reconnaissance, and airlift mission requests; assisting forward air controllers in tactical air mission planning and operation; and providing terminal strike control as interim substitutes for forward air controllers in emergency conditions.

CEM Code 1C000
AFSC 1C092, Superintendent
AFSC 1C072, Craftsman
AFSC 1C052, Journeyman
AFSC 1C032, Apprentice
AFSC 1C012, Helper

★AVIATION RESOURCE MANAGEMENT
(Changed 31 Oct 25)

1. **Specialty Summary.** Performs and manages a variety of activities in direct support of aviation, parachutist, and missile combat crew operations. The aviation resource management career field is the office of primary responsibility for the following functional areas: flight and parachutist duty incentive pay; flight and jump status authorization; and aircrew, parachutist, missile combat crew duty readiness validation. Related DoD Occupational Subgroup: 155600.

2. **Duties and Responsibilities:**
2.1. Initiates actions to execute aviation/parachutist/missile combat crew management policy and procedures. Prepares and processes aeronautical orders and military pay orders. Schedules aircrew flying and ground training and maintains mission information and planning data. Assists in establishing flying schedules and aircraft and aircrew assignments. Prepares reports, and coordinates aircraft schedules and aircrew training activities with maintenance, communication, armament, intelligence, personnel, and medical units. Prepares flight authorizations and monitors individual flight/jump requirements and allocated flying hours.
2.2. Plans, schedules, and supervises aviation resource management functional areas. Analyzes and summarizes reports and aviation/parachutist/missile/operation training and resource data. Reviews personnel action requests on aircrew members and parachutists to determine the effect on their status; monitors individual entitlement to incentive pay.
2.3. Acts as technical adviser on matters pertaining to the Aviation Resource Management System. Plans, organizes, schedules, directs, and evaluates workloads and duty assignments of 1C0X2 personnel. Evaluates work methods and procedures to achieve the most economical use of resources and functions. Manages and evaluates functions and conducts liaison duties with mission support agencies to reduce common problems, improve procedures, and increase efficiency.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: flight and jump pay entitlement policy and regulations, aircraft flying hour management, authorization requirements to perform in-flight and parachutist duties. Perform management actions in the Aviation Resource Management System. Build ad hoc reports to track aircrew, parachutist, and missile combat crew member training requirements. Validate compliance to aircrew, parachutist, and missile combat crew qualification requirements.
3.2. Education. For entry into this specialty, completion of high school with courses in oral communications and computer operations is desirable.
3.3. Training. Completion of the basic aviation resource management course is mandatory for the award of AFSC 1C0X2.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1C052. Qualification in and possession of AFSC 1C032. Also, experience in aircrew, scheduling aircrew training, and host base/squadron aviation resource management functional areas.
3.4.2. 1C072. Qualification in and possession of AFSC 1C052. Also, experience in performing or supervising functions experience in aircrew, scheduling aircrew training, and host base/squadron aviation resource management functional areas.
3.4.3. 1C092. Qualification in and possession of AFSC 1C072. Also, experience in preparing and interpreting aviation and parachutist resource management policies and directives. The member must have the SEI 066.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. See attachment 4 for entry requirements.
3.5.2. For award and retention of these AFSCs:
3.5.2.1. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments.
3.5.2.2. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
3.5.3. For award and retention of AFSCs 1C0X2 and 1C000:
3.5.3.1. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program*.
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.
3.5.4. For entry, award, and retention of these AFSCs:
3.5.4.1. Ability to speak distinctly is mandatory.
3.5.4.2. ★Retraining into the 1C0X2 career field within ARC is restricted to the grades of E-6 and below. Submit waiver requests for rank requirement to appropriate ARC 1C0 MAJCOM Functional Manager.

3.5.4.3. ★Applicable to AFRC units. Developmental (D-prefixed) billets will only be held by members vectored on the Key Personnel List (KPL) as KPL or Ready for Developmental Opportunities (RDO) through the AFRC 1C0X2 Development Team (DT) process. Additionally, prior to assignment to these positions, members will meet the following eligibility criteria: 1) SNCO with a Primary AFSC of 1C072, 1C092, or 1C000; 2) Minimum of three years' experience in the 1C0X2 career field; and 3) Awarded the SEI 066. Submit waiver requests for KPL/RDO and/or SEI requirements to the AFRC 1C0X2 MAJCOM Functional Manager.

3.5.4.4. ★Applicable to ANG units. Members assigned to the Aviation Resource Management Superintendent, or CHARM, position must have a minimum of 36 months as a 1C0X2 and awarded the SEI 066. Submit waiver requests for SEI requirement to the ANG 1C0 Functional Manager.

CEM Code 1C100
AFSC 1C191, Superintendent
AFSC 1C171, Craftsman
AFSC 1C151, Journeyman
AFSC 1C131, Apprentice
AFSC 1C111, Helper

AIR TRAFFIC CONTROL
(Changed 30 Apr 21)

1. **Specialty Summary.** Controls en route and terminal air traffic by use of visual, radar, and non-radar means. Supervises and manages air traffic control (ATC) facilities. Related DoD Occupational Subgroup: 122200.

2. **Duties and Responsibilities.** Controls and regulates en route and terminal air traffic. Initiates and issues ATC clearances, instructions, and advisories to ensure the safe, orderly, and expeditious flow of air traffic operating under instrument and visual flight rules. Plans, organizes, directs, inspects, and evaluates ATC activities.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: ATC principles and procedures; flight characteristics of aircraft; International Civil Aviation Organization and United States federal and military air directives; use of aeronautical charts, maps, and publications; interpretation, use, and limitations of ATC radar; use of ATC communications systems and navigational aids; and fundamentals of meteorology. United States Air Force certification as an ATC specialist satisfies these requirements. Not a part of the certification requirements, knowledge is also mandatory of principles of organization, purpose, operation, and management of ATC facilities.
3.2. Education. For entry into this specialty, completion of high school with courses in English is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 1C131 Completion of the ATC Apprentice course (E3ABR1C131 00AB; PDS Code WXI).
3.3.2. 1C171 Completion of the ATC Craftsman course (E6ACW1C171 00AA; PDS Code AOC) and associated projects.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1C151. Qualification in and possession of AFSC 1C131. Also, experience is mandatory performing functions involving actual control of aircraft.
3.4.2. 1C171. Qualification in and possession of AFSC 1C151. Also, experience is mandatory supervising or performing ATC functions.
3.4.3. 1C191. Qualification in and possession of AFSC 1C171. Also, experience is mandatory managing ATC functions.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Must earn a minimum score of 55 on the 2-factor model that includes the Armed Services Vocational Aptitude Battery (ASVAB) and Tailored Adaptive Personality Assessment System (TAPAS) scores. Minimum required score of 37 on the TAPAS Category 4 Dominance trait is mandatory. See attachment 4 for additional entry requirements.
3.5.2. For entry, award, and retention of these AFSCs:
3.5.2.1. Must maintain Ground Based Aircraft Controller Medical Standards according to AFI 48-123, *Medical Examinations and Standards*.
3.5.2.2. For performance of ATC duties, possession of a Federal Aviation Administration ATC Specialist Certificate.
3.5.2.3. Must maintain certifications according to AFI 13-204v3, *Airfield Operations Procedures and Programs*.
3.5.2.4. Ability to speak English clearly and distinctly as demonstrated by the Reading Aloud Test (RAT).
3.5.3. For award and retention of AFSC 1C1X1 and 1C100:
3.5.3.1. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments.
3.5.3.2. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program*.
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.
3.5.3.3. For award and retention of AFSCs 1C151/71/91/00:
3.5.3.4. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.

CEM Code 1C300
AFSC 1C391, Superintendent
AFSC 1C371, Craftsman
AFSC 1C351, Journeyman
AFSC 1C331, Apprentice
AFSC 1C311, Helper

ALL-DOMAIN COMMAND AND CONTROL OPERATIONS
(Changed 30 Apr 24)

1. **Specialty Summary.** Manages and performs activities within fixed ground, mobile and airborne command and control (C2) facilities such as installation and expeditionary command posts (CP), operations centers, rescue coordination centers, and Higher Headquarters Command Centers/Operations Centers. Provides command, control, communications, and information support throughout the full spectrum of operations to include peacetime, emergency and disaster situations, crisis, contingency, and war. Responsible for emergency action messages from the Chairman of the Joint Chiefs of Staff, Headquarters Air Force, Headquarters Space Force, or Combatant Commands. Disseminates time- sensitive critical information to senior leaders and support agencies. Establishes procedures for Department of the Air Force (DAF) Operational Reporting Program. Reports international treaty compliance information. Uses communications systems and consoles to affect positive control of assigned forces and weapons systems. Supports chemical, biological, radiological, and nuclear (CBRN), and conventional warning and reporting activities. AFSC Duty Identifier: C2OPS. Related DoD Occupational Subgroup: 125000.

2. **Duties and Responsibilities:**
2.1. Performs Command, Control, and Communications (C3) actions to support National Defense, Homeland Security, and All-Domain Air and Space Force operations throughout the full spectrum of operations. Provides a single, consolidated C2 center to monitor mission execution of wing/installation commander assigned or supported missions (to include tenant, joint, and combined missions) by fusion of data from disparate C2 nodes across the installation (BDOC, EOC, AMOPS, etc.). Provides C2 of worldwide nuclear and conventional forces supporting Emergency Plans, Operations Orders, and Operations Plans. Coordinates the execution of Mission Type Orders (e.g., Warning Orders, Tasking Orders, Prepare to Deploy Orders, Planning Orders and Execution Orders). Supports joint force operations and Joint All Domain Operations (JADO) through the combined Joint All Domain C2 (CJADC2) concept. Facilitates C3 in support of the Air Force Emergency Management (EM) Program. Provides functional expertise to ensure synergy among the various components of the Air Force EM Program. Coordinates actions to ensure prompt response during EM operations including immediate mobilization of resources and participation of agencies and organizations. Liaisons communications/supports first responders to provide life-saving response support to base personnel. Receives, processes, and disseminates emergency action messages via voice and record copy systems. Encodes, decodes, and transmits and relays presidential decisions to execute and terminate nuclear and conventional force operations at all levels of command, both on the ground and in-flight. Relays C2 instructions for diversion, recall, evacuation, recovery, and reconstitution of forces. Coordinates and executes search and rescue activities. Coordinates with other agencies and organizations during planning, executing, and evaluation phases of C2 operations. Executes Aerospace Control Alert mission as quick response launch authority for immediate intercept, inspection, influence, or defeat of potential airborne threats. Flight follows and manages aerospace resources and monitors mission status to include aircraft, aircrew support, transportation, maintenance support, fleet services, and passenger and cargo support. Monitors aircraft movement and relays information between aircrews and operations centers. Coordinates mission delays with installation and external agencies. Monitors status of launch and space assets. Monitors status and location of key personnel to facilitate immediate communications with higher headquarters. Ensures proper use and control of resources and classified material. Develops and evaluates C2 Operations processes. Performs self-assessments. Ensures operational readiness and adherence to standards. Recommends actions to correct C2 Operations procedural deficiencies. Maintains and disseminates local and worldwide current and forecasted weather to include watches, advisories and warnings to installation populace and aerospace resources. The functional organization for the exercise of mission command authority and direction by a properly designated commander over assigned and attached forces in the accomplishment of the mission.
2.2. Manages and executes the DAF Reporting Program. Prepares and submits Operational Reports (OPREP) and Commander's Critical Information Requirement (CCIR) reports, attainment/deviation reporting, nuclear execution reporting (NEREP), international treaty, and aerospace asset reports. Analyzes and disseminates information derived from DAF reporting. Establishes policy for operational and, if applicable, defense readiness reporting to include developing procedures, maintaining databases, and training personnel. Ensures reported data is current and accurate.
2.3. Operates and monitors voice, data, and alerting systems. Develops operating instructions directing All-Domain C2 Operations and lateral agency C2 activities. Develops, maintains, and initiates procedures to save lives, protect resources, and rapidly disseminate time sensitive information. These procedures support situations such as suspected or actual sabotage nuclear incidents, natural disasters, aircraft accidents or incidents, evacuations, dispersal, and aerospace anomalies. Receives and disseminates time-critical information to and from the commander to internal and external agencies during daily operations, natural disasters and wartime and contingency operations to affect positive control of assigned forces and weapons systems. Coordinates actions to ensure prompt response during disaster operations (pre-, trans-, and post-), including immediate activation and recall of all resources and participating agencies and organizations. Monitors actions to preserve life, minimize damage, and restore operations following natural disasters (trans- and post-), accidents, wartime attacks, and military operations other than war. Coordinates, directs, and monitors actions to allow continuation or restoration of vital functions and

operations. Maintains operational status displays. Maintains proficiency in C2/CJADC2 systems and aircraft flight following and mission management systems. Establishes manpower, communications, equipment, and facility requirements. Monitors and alerts local and base agencies of threats affecting the installation.
2.4. Maintains Communications Security (COMSEC) to include receiving, safeguarding, utilizing, inventorying, issuing, and destroying COMSEC material. Maintains personnel, information, operations, computer, emission, industrial and physical security programs.
2.5. Performs administrative actions. Compiles and maintains entry authority lists. Coordinates and provides input to installation support plans. Maintains directives and daily events log. Updates and maintains national, HHQ, or installation key personnel rosters. Performs as the Installation's Emergency Mass Warning Notification (EMWN) program manager for mass notification systems.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: Air Force organization and administration; JADO; EM the National Incident Management System (NIMS) and Air Force Incident Management System (AFIMS); C2 data systems and reporting; automated data processing equipment use, capabilities, and limitations; techniques of presenting data; data collection procedures and summary techniques; purpose of command post for preparing, executing, and controlling assigned forces; emergency actions and directives; command weapon systems movement and transfer procedures; encode, decode; and authorization procedures used by command of assignment.
3.2. Education. For entry into this specialty, completion of high school or General Education Development Equivalency is mandatory. Courses in English or oral communication is desirable.
3.3. Training. For award of the AFSC 1C331, completion of the Command and Control Operations Apprentice Course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1C351. Qualification in and possession of AFSC 1C331. Also, experience performing functions of C2 operations.
3.4.2. 1C371. Qualification in and possession of AFSC 1C351. Also, experience performing or supervising functions of C2 operations.
3.4.3. 1C391. Qualification in and possession of AFSC 1C371. Also, experience managing and directing C2 Operations functions.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty for initial accessions:
3.5.1.1. Meet mandatory AFSC aptitude, physical profile, and citizenship entry requirements as identified in attachment 4.
3.5.1.2. **NOTE 1:** Entry into AFSC 1C3X1 is not open to non-United States Citizens or members with dual-citizenship status.
3.5.1.3. Must pass Reading Aloud Test as defined in current version of Medical Standards Directory (MSD).
3.5.1.4. Must have a S-1 profile (for PULHES clearance)
3.5.1.5. Completion of the Command and Control operations Apprentice Course in residence is mandatory.
3.5.2. For entry into this specialty for personnel in **retraining status:**
3.5.2.1. Retrainees are only accepted IAW the following: E-1 through E-5 (no Time in Service (TIS) restrictions), E-6 (less than 12 years TIS). SNCOs are not accepted without prior coordination of the 1C3 CFM. NOTE: TIS/grade restrictions do not apply to the ARC.
3.5.2.2. Meet mandatory AFSC aptitude, physical profile, and citizenship entry requirements as identified in attachment 4.
3.5.2.3. Must pass Reading Aloud Test as defined in current version of Medical Standards Directory (MSD).
3.5.2.4. Must have an S-1 profile (for PULHES clearance).
3.5.2.5. Interviewed and recommended by a 1C3 SNCO (retraining action needed for entry into 1C3X1 IAW AFMAN 10-207, Command Posts.) **NOTE:** Retraining interview do not apply to the ARC. Must be screened for eligibility for Personnel Reliability Assurance Program (PRAP) as outlined in the HQ AETC PRP Prescreening Guidance and deemed a suitable candidate for follow-on PRAP duties. PRAP standards are outlined in DoDM 5210.42 DAFMAN 13-501, *Nuclear Weapons Personnel Reliability Program (PRP).*
3.5.2.6. **NOTE 1**: AETC/A2N will only make recommendations for PRP, not for AFSC classification. Note 2: PRAP Screening does not apply to the ARC.
3.5.2.7. Completion of the Command and Control Operations Apprentice Distance Learning Course is mandatory.
3.5.3. For entry, award, and retention of these AFSCs:
3.5.3.1. No history or record of psychiatric hospitalization that results in unresolved diagnosis or prolonged medical treatment (or observation) which precludes execution of daily AFSC duties and/or reasonable judgment.
3.5.3.2. No history or evidence of personality disorder, substance use disorder, emotional instability or impulsive behaviors as diagnosed by a competent medical authority (examples include but are not limited to: alcohol/drug misuse, intentional self-injury, difficulty controlling/intense anger or sadness, etc.) which precludes execution of daily AFSC duties and/or reasonable judgment.
3.5.3.3. No evidence or history of misconduct that resulted in a court martial conviction (examples include, but are not limited to: illicit drug use, financial irresponsibility, physical or sexual assault, domestic violence, discrimination, harassment, threats, or reprisal, etc.). For award, waiverable on a case-by-case basis by the 1C3 CFM.
3.5.3.4. Must have a S-1 profile (for PULHES clearance) for entry. For retention, Commanders should contact the 1C3 CFM, or their respective 1C3 MFM, for questions on retaining a member in the 1C3 AFS.
3.5.4. For award, and retention of these AFSCs:
3.5.4.1. Must maintain certification according to AFMAN 10-207, Command Posts.
3.5.4.2. Must obtain initial certification within 180 calendar days from date entered training.
3.5.4.3. Must maintain local network access IAW 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security* (COMPUSEC).
3.5.4.4. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environments. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program.*

3.5.4.5. Individuals with suspended clearances greater than 180 calendar days will be considered for removal from the AFSC.
3.5.4.6. Reclassified and/or retraining personnel may enter the career field with a Secret clearance. NOTE: Award of the entry level without a completed T5 Investigation is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16-405, *Air Force Personnel Security Program.*
3.5.4.7. Must have a S-1 profile (for PULHES clearance). For retention, Commanders should contact the 1C3 CFM, or their respective 1C3 MFM, for questions on retraining a member in the 1C3 AFS.
3.5.4.8. **NOTE:** All AFSC withdrawals must be coordinated with HAF AF/A3TC

CEM Code 1C500
AFSC 1C591, Superintendent
AFSC 1C571, Craftsman
AFSC 1C551, Journeyman
AFSC 1C531, Apprentice
AFSC 1C511, Helper

BATTLE MANAGEMENT OPERATIONS
(Changed 30 Apr 25)

1. **Specialty Summary.** Oversees and coordinates dynamic high-stakes military operations across various domains which include air, space, land, and sea. Uses radio equipment and digital interfaces to communicate with aircraft and ensure pilots have the latest threat awareness, intelligence, and higher headquarters guidance to accomplish the mission. Merges disparate information flows and interprets data from multiple sensors and inputs, evaluates tactical situations, then makes time-critical decisions that routinely have direct life or death consequences with possible repercussions that range from the tactical level to the strategic. Battle Managers are Joint All-Domain Warfighters who are uniquely skilled force multipliers, force integrators, and decision makers that bring order and make sense from chaos. Related DoD Occupational Subgroup: 122100.

2. **Duties and Responsibilities:**
2.1. Responsible as a crew member to utilize Battle Management Command and Control (BMC2) systems to direct dynamic airborne military activities in support of Combatant Commander's objectives. Additionally, responsible for the safe ground and flight operation of aircraft and their onboard systems for duties essential to mission accomplishment.

2.2. Manages and operates radio equipment in both fixed and austere environments to provide direction and guidance for air, space, and maritime forces where they serve as a conduit between Combatant Commanders and frontline assets.

2.3. Provides mission planning expertise for both large- and small-scale operations providing pivotal expertise during exercises, wartime, or humanitarian crisis missions.
2.4. Responsible as a crew member to perform battlefield surveillance functions, execute combat identification of aircraft, conduct network operations that provide global situational awareness to airborne forces and our Sister Service counterparts. Expected to maintain both network and radar equipment in support of airborne operations.
2.5. Responsible for the publishing of official Air Force tasking orders and managing their execution from Air and Space Operations Centers.
2.6. Performs training, planning, standardization and evaluation, and other staff duty functions. Performs staff assistance visits to subordinate units. Tests and evaluates capabilities of new equipment and propriety of new procedures.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: characteristics and limitations of aerospace surveillance and reporting systems; aircraft/missile detection and tracking systems and procedures; communication equipment capabilities and limitations; radar console and data link equipment presentations; receiving, recording and relaying system information; radar and radio capabilities and limitations; fixed and mobile command and control system characteristics; aircraft control procedures and techniques; aircraft performance characteristics and armament; meteorology concerning air weapons control operations and effects on radar operations.
3.2. Education. For entry into this specialty, completion of high school or general education development (GED) equivalency is mandatory. Also, completion of high school level courses in algebra and geometry is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 1C531. Completion of a basic Battle Management Operations Apprentice course.
3.3.2. 1C531D. Completion of the Battle Management Operations Apprentice course and the Undergraduate Weapons Director Ground-Based Training course.
3.3.3. 1C551/1C551D. Completion of the 1C551 Battle Management Operations Journeyman Career Development Course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1C551. Qualification in and possession of AFSC 1C531. Also, experience performing tactical and/or operational BMC2 functions.
3.4.2. 1C551D. Qualification in and possession of AFSC 1C551 or 1C531D. Experience in management of activities within the operational environment based on commander's direction and guidance (JP3-01), surveillance and maintenance of operational BMC2 equipment and network functions.
3.4.3. 1C571. Qualification in and possession of AFSC 1C551. Also, experience performing or supervising teams and crews executing functions such as aerospace surveillance, AOC operations, combat identification, data link operations, EA, and EP activities.
3.4.4. 1C571D. Qualification in and possession of AFSC 1C571 or 1C551D. Also, experience performing or supervising teams and crews executing functions of surveillance and battle management in addition to maintaining BMC2 equipment and network functions.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry, award, and retention of these AFSCs into this specialty.

3.5.1.1. AFSC 1C5XX must meet Ground Based Operator (GBO) physical qualification standards, IAW DAFMAN 48-123, *Medical Examinations and Standards*. ***NOTE*:** The 3.5.1.1 Retention requirements are waiverable with CFM approval based on an evaluation of merit.
3.5.1.2. AFSC 1C5XXD must meet GBO standards for entry, award, and retention IAW DAFMAN 48-123, *Medical Examinations and Standards*.
3.5.1.3. Meet mandatory AFSC aptitude, physical profile, and citizenship entry requirements IAW attachment 4.
3.5.1.4. Passing color vision, as defined by getting a 55 or better on the Cone Contrast Test (CCT), or correctly identifying at least 10 of 14 Ishihara Plates (PIP). (CCT should be primary testing choice, but PIP is acceptable if CCT is not available at testing site.) IAW DAFMAN 48-123, *Medical Examinations and Standards.*
3.5.1.5. Must possess a valid state/territory/international driver's license to operate government motor vehicles (GMV) in accordance with AFI 24- 301, *Ground Transportation* prior to entry into the career field.
3.5.1.6. Must pass Reading Aloud Test as defined in the current version of the Medical Standards Directory.
3.5.1.7. Must maintain eligibility to deploy and mobilize worldwide. Personnel with an Assignment Limitation Code of C-1 or C-2 may retain AFSC 1C5XX or 1C5XXD if they are capable of successfully completing all core tasks in the 1C5X1 Career Field Education and Training Plan.
3.5.1.8. Maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
3.5.1.9. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environments.
3.5.1.10. Completion of a current T5 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program*
NOTE: Award of the entry level without a completed T5 Investigation is authorized provided an interim Top-Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405, *Air Force Personnel Security Program*.

4. **Specialty Shredouts:**

Suffix	***Portion of AFS to Which Related***
D	Weapons Director

NOTE: Shredout D is applicable to the 3, 5, 7, 9 and 0 skill levels only.

CEM Code 1C600
AFSC 1C691, Superintendent
AFSC 1C671, Craftsman
AFSC 1C651, Journeyman
AFSC 1C631, Apprentice
AFSC 1C611, Helper

SPACE SYSTEMS OPERATIONS
(Changed 30 Apr 23)

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

2. **Duties and Responsibilities:**
2.1. Detects, identifies, and maintains orbital parameters on earth satellite vehicles using optical and radar sensors.
2.2. Protects friendly satellite communications and disrupts adversary satellite communications by operating defensive and offensive space control systems.
2.3. Detects and tracks missile launches using a variety of ground and space-based sensors. Forwards information to appropriate command and control agencies.
2.4. Plans and executes satellite contacts, resolves emergencies, and performs satellite commanding during launch, early orbit, daily operations, and end-of-life testing. Performs launch and on-orbit operations for military satellites.
2.5. Plans and executes battlespace characterization, technology demonstrations and combat operations to deter and defeat on-orbit adversarial threats.
2.6. Performs command and control functions at numerous C2 agencies such as the National Space Defense Center Combined Space Operations Center, regional Joint and Combined Air and Space Operations Centers, National Reconnaissance Operations Center, Missile Warning Center, and NORAD/USNORTHCOM Command Center.
2.7. Ensures operational effectiveness and suitability of space capabilities through operational testing and evaluation.
2.8. Replicates adversary space capabilities to improve combat training and increase readiness to respond and counter threats against space assets.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of the following: Satellite C2 and principles of space and ground segments; space warning and control systems; orbital mechanics; electromagnetic spectrum; crew operations; data analysis procedures; sensor theory; data transmission, receiving, recording, and relaying theory; and administrative practices.
3.2. Education. For entry into this specialty, completion of high school with coursework in algebra is required. Coursework in physics, geometry, trigonometry, and/or computer science is desirable.
3.3. Training. For award of AFSC 1C631, completion of the 1C6 Enlisted Undergraduate Space Training (EUST).
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1C651. Qualification in and possession of AFSC 1C631, completion of 1C651, 1 year of experience in a 1C6X1 position, and ability to recommend space capabilities for integration in the joint/operational planning process to achieve CCMD objectives.
3.4.2. 1C671. Qualification in and possession of specialty code 1C651, experience performing or supervising space systems operations functions and activities, and assist in the development and integration of TTPs into operations.
3.4.3. 1C691. Qualification in and possession of AFSC 1C671. Also, experience managing space systems operations activities.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. See attachment 4 for entry requirements.
3.5.1.2. Passing color vision as defined in DAFMAN 48-123 for FCI standards.
3.5.2. For entry, award, and retention of AFSCs 1C611/31/51/71:
3.5.2.1. Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management Systems and AFMAN 17-1301, Computer Security.
3.5.2.2. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.
3.5.2.3. Completion of a T5 investigation and T5 eligibility granted based upon the favorable adjudication and IAW DoDM 5200.02, AFMAN 16-1405, Air Force Personnel Security Program, is mandatory.
3.5.2.4. When required for a current or future assignment, must successfully complete a polygraph test.

NOTE: For non-prior service Airmen, submission of a T5 Investigation and favorable T5 eligible pre-screening is mandatory prior to entry into the AFSC 1C631 awarding course.
NOTE: The 1C6X1 specialty code awarding course requires an interim or fully adjudicated T5 clearance by training day 70 or when access to course requires it, whichever comes first.

CEM Code 1C700
AFSC 1C791, Superintendent
AFSC 1C771, Craftsman
AFSC 1C751, Journeyman
AFSC 1C731, Apprentice
AFSC 1C711, Helper

AIRFIELD MANAGEMENT
(Changed 30 Apr 25)

1. **Specialty Summary.** Manages airfield operations, coordinates with civil engineering, safety, air traffic control and various other base agencies to ensure safe aircraft operations within the airfield environment and through the national and international airspace systems. Related DoD Occupational Subgroup: 155600.

2. **Duties and Responsibilities:**
2.1. Monitor and coordinate airfield and aircraft activities. Conduct airfield checks. Processes flight plans and other air traffic related data through the national and international air traffic systems. Provides flight following services and initiates appropriate actions for overdue aircraft. Maintains and processes Notice-to-Airman (NOTAMs). Maintains a record of daily events. Executes Operating Instructions and Quick Reaction Checklists necessary to perform Airfield Management duties and responds to situations requiring immediate action. Provides transient aircrew and aircraft support to include processing Prior Permission Required (PPR) requests; coordinating parking areas; receiving, storing, and issuing classified material; and coordinating aircrew transportation. Provides briefings to base and transient aircrews on relevant airfield operations and restrictions. Maintains the flight planning room equipment, maps, displays and publications.
2.2. Maintains situational awareness of airfield activities and overall responsibility for Airfield Management (AM) section while on duty. Serves as the representative for the Airfield Manager during emergency response situations and during Airfield Manager's non-duty hours. Assesses airfield operations/situations, determines operational requirements, and imposes airfield restrictions as needed (e.g., closing/suspending operations on aprons, taxiways, and runways). Briefs AM personnel on emergency and operational activities.
2.3. Performs daily airfield inspections to ensure a safe operational environment. Evaluates airfield activities to ensure compliance with established policies and directives. Identifies, reports, corrects, or mitigates inspection discrepancies. Coordinates and supervises airfield construction, repair activities, facilities maintenance, and snow removal operations. Coordinates with appropriate agencies, such as air traffic control, civil engineers, security forces and command post, to ensure airfield activities are supported as appropriate.
2.4. Reviews, interprets, and enforces policies, instructions and directives pertaining to airfield management activities operations. Prepares operating directives and memorandums for airfield management activities. Establishes and manages base airfield driving program to include training, certification, and remedial action. Establishes procedures for controlling privately owned vehicles on the airfield.
2.5. Performs expeditionary airfield management functions in support of USAF worldwide deployment of DoD aircraft.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: International Civil Aviation Organization (ICAO); North Atlantic Treaty Organization (NATO); United States federal and military airfield regulations; aeronautical charts, maps, and publications; flight data and NOTAM systems; familiarity of navigational aids; basic aircraft design characteristics; and principles of organization, purpose, operation, and management of airfield operational areas.
3.2. Education. For entry into this specialty, completion of high school with a course in speech and basic knowledge of computers is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. 1C731. Completion of the Airfield Management Apprentice course for award of the AFSC indicated.
3.3.2. 1C751. Completion of training requirements outlined in 1C7X1 Career Field Education and Training Plan (CFETP) and DAFMAN 13-204v2, *Airfield Management*.
3.3.3. 1C771. Completion of the Airfield Management Craftsman in-residence course, training requirements outlined in the 1C7X1 CFETP, and additional training requirements outlined in DAFMAN 13-204v2, *Airfield Management*. For TSgts and above, completion of Airfield Manager position certification requirements and the Advanced Airfield Managers Course are required to obtain the SEI 368.
3.3.4. 1C791. Completion of Advanced Airfield Manager Course and additional training requirements outlined in AFMAN 13-204v2, Airfield Management.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1C751. Qualification in and possession of AFSC 1C731. Also, experience in Airfield Management Operations functions such as: airfield checks, NOTAM processing, emergency response actions, and maintaining flight information data and supportive displays.
3.4.2. 1C771. Qualification in and possession of AFSC 1C751 and SEI 155. Also, experience performing and supervising Airfield Management functions such as; airfield checks and inspections, overseeing airfield construction or repairs, processing airfield waivers, or conducting airfield surveys. NOTE: TSgt or above must obtain Airfield Manager qualifications to gain an SEI 368.

3.4.3. 1C791. Qualification in and possession of AFSC 1C771 and SEI 368. Also, experience managing functions such as airfield management activities, preparing or reviewing policies and directives for airfield management or ensuring coordination with agencies to improve airfield management functions.
3.5. Other. The following items are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color visions as defined in DAFMAN 48-123, *Medical Examinations and Standards*.
3.5.1.2. Ability to speak distinctly in person and over air-to-ground radios.
3.5.1.3. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs:
3.5.2.1. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Ground Transportation.*
3.5.2.2. Must maintain qualifications according to DAFMAN 13-204v2, *Airfield Management*.
3.5.2.3. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
3.5.2.4. Specialty routine access to Tier 3 (T3) information, systems, or similar classified environment.
3.5.3. For award and retention of AFSCs 1C7X1 and 1C700:
3.5.3.1. Completion of a current T3 Investigation required IAW DoDM 5200.02, DAFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
3.5.3.2. Hearing Conservation certification is mandatory.
3.6. Must be able to handle weapons for BASH response and contingency taskings.
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, DAFMAN 16 -1405 *Department of Air Force Personnel Security Program*.

CEM Code 1C800
AFSC 1C893, Superintendent

RADAR, AIRFIELD & WEATHER SYSTEMS (RAWS)
(Effective 30 Apr 23)

1. **Specialty Summary.** Manages system analysis and design, programming, systems operation and maintenance, resource management and security management. Directs activities for installing, maintaining, repairing, overhauling, deploying, and modifying RAWS to include fixed or mobile ground aircraft surveillance and warning radar systems, meteorological, navigational aids, and other associated command, control, and communication (C3) systems. Related DoD Occupational Group: 110000, 110100, 110200, 110300, and 110400.

2. **Duties and Responsibilities:**
2.1. Plans and organizes maintenance activities. Oversees contract proposals, implementation, and performance requirements. Plans and supervises system installation. Evaluates facility layout and performance standards. Designs and develops organizational structures. Determines equipment, training and supplies required for system implementation and support. Executes operational plans to ensure positive control of assigned forces. Evaluates operational readiness of RAW equipment and related support equipment.
2.2. Directs maintenance activities responsible for system analysis and design, programming, operations and maintenance, security, systems management, equipment specialist, technical support, and resource management. Implements and interprets policies, directives, and procedures.
2.3. Directs personnel employed in siting, deploying, inspecting, adjusting, removing, replacing, overhauling, and repairing RAWS and airfield systems and related equipment. Prepares and analyzes reports encompassing siting, deploying, maintaining, installing, repairing, and removing RAWS and related equipment. Determines extent and economy of repair, including disposition of malfunctioning equipment.
2.4. Inspects and evaluates maintenance activities for compliance with directives. Recommends and implements corrective action for improved methods and procedures. Evaluates and prepares reports on the effectiveness of equipment usage, systems performance, customer service, and supplies. Utilizes system scheduling, processing, and maintenance data for trend analysis.
2.5. Supervises maintenance functions. Resolves problems with installing, maintaining, repairing, and overhauling systems and equipment. Checks systems and equipment for proper siting, installation, and serviceability. Establishes local maintenance procedures and policies. Performs research and development of new systems and equipment. Aligns operations with industry standards such as Federal Aviation Administration (FAA), Telecommunication Industry Association (TIA), European Telecommunication Standards Institute (ETSI), Electronic Technician Association (ETA), National Council of Examiners for Engineering and Surveying (NCEES), and any other agency that formalizes standards impacting local and regional communication electronic systems.
2.6. Establishes training requirements. Develops programs to meet local knowledge and certification requirements and considers industry standards when devising training aids. Identifies training shortfalls and gaps for Career Field Manager consideration. Actively participates in the advancement of training events within the career field using training data.
2.7. Plans, programs, and develops budget inputs to ensure resource availability for operational requirements. Ensures coordination with functions such as spectrum management, civil engineering, airfield management, and all others that directly or indirectly impact mission success.
2.8. Manages plans and programs. Translates functional requirements into systems and organizational capabilities. Supports expert teams to solve complex system requirements. Supervises test and evaluation efforts to determine performance. Organizes and participates in mission implementation and conversion. Ensures compliance with standards across equipment lifecycle from acquisition, installation, sustainment, and documentation.
2.9. Leads strategic planning. Manages the employment of systems during contingency, wartime, Humanitarian Assistance and Disaster Relief (HADR), Agile Combat Employment (ACE), and exercise requirements. Assesses systems readiness in support of Operation Plans and National Defense Strategy requirements. Coordinates and facilitates systems and other functions relevant to Higher Headquarters (HHQ) and applicable theatre missions.
2.10. Program element advocacy. Performs plans and program management functions within command and in support of the Strategy, Planning, Programming, Budgeting and Execution (SPPBE) process. Plans, programs, and develops budget input advocacy to ensure resource availability for operational and training requirements. Advocates with functional communities and program element managers on funding and subsequent mission impacts.
2.10.1. Advocates for acquisitions/logistics. Supports functional communities in major acquisition processes including helping to define requirements, Bandwidth Requirements Review, Concept of Operations (CONOPS), Cybersecurity Strategy, joint interoperability, and all other elements to advocate mission capability solutions across all supported program elements.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge of electronics principles theory and its application to ground radar, radio, meteorological, and navigational aid facilities, systems, and equipment; their interoperability; to include providing inputs to HHQ large-scale planning and support elements of a typical air base; project management; and management of wiring and logic diagrams, blueprints, support equipment, and technical orders.
3.2. Education. Not used.
3.3. Training. Completion of the RAWS Superintendent Handbook, 9-level core tasks, and any associated future courses.

3.4. Experience. For award of AFSC 1C893, qualification in and possession of AFSC 1C873 is mandatory along with a minimum of two years time in grade at the rank of E-7. Also, experience is mandatory managing and/or directing functions such as installing, maintaining, repairing, or modifying the various systems and related equipment.
3.5. Other. The following are mandatory, as indicated:
3.5.1. For award and retention of AFSCs 1C893 and 1C800:
3.5.1.1. Specialty access to Tier 3 (T3) information, systems, or similar classified environment.
3.5.1.2. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
3.5.1.3. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
3.5.1.4. Must attain and maintain the minimal certification IAW AFMAN 17-1303, *Cybersecurity Workforce Improvement Program* and DoD 8570.01-M, *Information Assurance Workforce Improvement Program*, and career field guidance as specified by position number requirements.

AFSC 1C873, Craftsman
AFSC 1C853, Journeyman
AFSC 1C833, Apprentice
AFSC 1C813, Helper

RADAR, AIRFIELD & WEATHER SYSTEMS (RAWS)
(Effective 30 Apr 24)

1. **Specialty Summary.** Performs full-spectrum communications-electronics maintenance. Deploys, installs, maintains, and repairs fixed or mobile air traffic control, weather, ground aircraft control and early warning radar systems, related radar operator training devices, aircraft identification equipment, remoting systems, video mappers, computerized processors, meteorological, navigation and air traffic control ground-to-air radio systems. Operates and relocates related support and communications equipment, uses test equipment, analyzes performance trends, performs administrative cybersecurity and elevated-privilege tasks such as software updates, networking, and privilege management, and supervises maintenance activities. RAWS may be required to maintain entire facilities, subsystems, or individual services or equipment that assist in the safe and expedient movement of air traffic throughout the National Airspace System (NAS) as well as providing support to the National Weather Service (NWS) and other outside supported agencies. Related DoD Occupational Subgroups: 110000, 110100, 110200, 110300, and 110400.

2. **Duties and Responsibilities:**
2.1. Performs RAWS functions. Plans, organizes, and schedules maintenance activities for RAWS to include cybersecurity support functions. Oversees contract proposals, implementation, and performance standards. Establishes production controls and standards. Inspects, evaluates, and prepares reports for maintaining, installing, repairing, modifying, removing, and siting all types of RAWS.
2.2. Employs RAWS. Installs/removes and relocates RAWS. Assembles/disassembles, connects, modifies, and adjusts electronic subassemblies and ancillary systems (e.g., antennas, transmitters, receivers, processors, indicator groups, etc.). Assembles/disassembles, loads, transports, unloads, climbs associated support structures, and erects equipment and components. Performs electronic protection functions. Determines equipment position based on plans, diagrams, local terrain, and planned base facilities and requirements. Conducts tests of installed equipment for proper component assembly and compliance with technical orders. Determines equipment position based on plans, diagrams, and specifications. Checks and inventories equipment and project materials for serviceability. Assembles, connects, and wires components, assemblies, and antenna systems. Performs operational tests and adjusts and aligns equipment. Places in operation, calibrates, tunes, and aligns subassemblies according to approved technical data to maximize performance. Commissions equipment and completes flight inspections.
2.3. Oversees work in progress and reviews completed repairs for sound maintenance practices. Establishes requirements for maintenance and support equipment, tools, and spare parts. Manages the requisition and disposition of supplies and material. Diagnoses and recommends equipment repair, replacement, or depot overhaul. Interprets inspection findings and determines adequacy of corrective action. Reviews and ensures compliance with maintenance management publications and procedures. Develops and enforces safety standards. Evaluates and resolves problems encountered during siting, installing, repairing, and overhauling with the use of layout drawings, schematics, and pictorial diagrams. Analyzes operating characteristics of equipment to determine sources of malfunction.
2.4. Directs maintenance activities. Isolates malfunctions using visual inspections, voltage checks, and other tests using electronic test equipment. Repairs RAWS subassemblies, including antennas, transmitters, receivers, operator training devices, radar beacon systems, remoting systems, video mappers, display systems, and associated communications systems and related equipment. Conducts performance tests of repaired subassemblies, using bench mockups and applicable test equipment. Accomplishes organizational and intermediate level equipment modifications according to time compliance technical orders, or field directives. Assembles, installs, and repairs antenna systems, transmission lines, and waveguides. Performs corrosion control.
2.5. Directs activities responsible for system analysis and compliance. Develops methods for improving maintenance effectiveness and efficiency. Performs staff assistance visits to subordinate units. Interprets inspection findings and determines adequacy of corrective actions. Ensures maintenance data collection records are accurately completed and maintained. Recommends changes to improve equipment performance, maintenance practices, or system interoperability. Evaluates justification and practicality of recommended improvements to equipment performance and maintenance procedures. Enforces safety standards and practices for RAWS maintenance activities.
2.6. Directs program duties. Establishes requirements for tools, test/support equipment, personnel, supplies, and technical publications. Develops work standards, methods, and controls for functions such as periodic inspections, operational testing, and equipment repair. Identifies maintenance problem areas and initiates corrective action. Posts entries on maintenance and inspection records. Records and reviews meter readings, test results, and historical data in equipment records. Completes and reviews maintenance data collection and equipment status reporting databases.
2.7. Prepares RAWS equipment for deployment. Deploys, surveys, assembles/disassembles, and activates tactical/mobile RAWS and associated equipment. Completes all required maintenance to sustain system operations according to HHQ requirements. Coordinates with Federal Aviation Administration (FAA) as well as other agencies as needed. Reconstitutes and redeploys systems.
2.8. Performs internal/external agency coordination. Coordinates with various functions such as cyber, spectrum management, civil engineering, and others to fulfill mission requirements. Coordinates with outside agencies such as the FAA and others to ensure compliance with industry standards as applicable.

2.9. Performs automation functions. Oversees, evaluates, and supports the documentation, validation, assessment, and authorization processes necessary to assure that new and existing information technology (IT) systems meet the organization's cybersecurity and risk requirements. Ensures appropriate treatment of risk, compliance, and assurance from internal and external perspectives.
2.9.1. Applies computer security policies to safeguard systems and information. Categorizes, isolates, and resolves system problems. Performs fault recovery by validating, isolating, correcting faults, and verifying service restoral with customers. Processes, documents, and coordinates resolution of trouble calls from lower support echelons. Processes scheduled and authorized outages. Submits outage reports in response to unscheduled outages.
2.9.2. Operates and maintains data automation equipment. Performs routine cleaning and maintenance of computer software and hardware. Revises data automation needs in accordance with current technology and availability.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: electronic principles and digital techniques, including transistors and solid- state component theory that applies to RAWS; maintenance data processing systems; wiring diagrams, circuit diagrams, schematic diagrams and technical orders; maintenance and supply procedures; infrastructure capabilities and limitations; RAWS capabilities and limitations; microprocessors; data processing; mathematics principles required to solve electronic formulas and number systems; analog and digital electronic circuits; advanced troubleshooting techniques; principles of RAWS maintenance; use of technical data and blueprints; system block, data flow, schematic, logic, and interconnecting wiring diagrams; principles and use of test equipment and diagnostic systems; radio frequency principles; advanced soldering techniques; application of data automation; and fixed and mobile command and control system characteristics
3.2. Education. For entry into this specialty, completion of high school diploma or equivalent is mandatory. Additional courses in physics and mathematics, basic knowledge of electronic principles; and computers, and networks are desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. 1C833. Completion of RAWS Apprentice initial skills training course (E3AQR1C833 00AA and E3ABR1C833 01AA) is mandatory.
3.3.2. 1C853. Completion of RAWS 5-level Career Development Course and applicable 5-level core tasks.
3.3.3. 1C873. Completion of RAWS Work Center Manager's Distance Learning Course (E6ACW1C871 077A) and In-residence Course (E3ACR1C871 07AA).
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1C853. Qualification in and possession of AFSC 1C833. Also, experience is mandatory in functions such as testing, calibrating, cabling, or repairing RAWS, associated communications and identification equipment, operating RAWS. Use of test equipment and interpretation of test results is mandatory.
3.4.2. 1C873. Qualification in and possession of AFSC 1C853. Also, experience is mandatory in performing or supervising functions such as project management, siting, installing, repairing, deploying, overhauling, modifying, or flight inspecting RAWS, and associated communications and identification equipment.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in DAFMAN 48-123, *Medical Examinations and Standards*.
3.5.1.2. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with DAFI 24-301, *Ground Transportation.*
3.5.1.3. Physical ability to perform climbing duties and freedom from fear of heights.
3.5.1.4. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of this AFSC:
3.5.2.1. Must maintain local network access IAW DAFI 17-130, *Cybersecurity Program Management* and DAFMAN 17- 1301, *Computer Security (COMPUSEC).*
3.5.2.2. Must attain and maintain Information Assurance Technician Level 2 certification IAW AFMAN 17-1303, Cybersecurity Workforce Improvement Program and DoD 8570.01-M, Information Assurance Workforce Improvement Program, and career field guidance as specified by position number requirements.
3.5.2.3. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment.
3.5.2.3.1. Completion of a current T3 Investigation required IAW DoDM 5200.02, DAFMAN 16-1405, *Air Force Personnel Security Program*, is mandatory.
***NOTE*:** Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

★WARFIGHTER COMMUNICATIONS (1D)
Introduction
(Changed 31 Oct 25)

The Warfighter Communications Career Field secures, configures, operates, extends, maintains and sustains the technological capabilities used to collect, process, store, disseminate and manage information on-demand for warfighters, policy makers, and support personnel. These responsibilities extend to interconnected and stand-alone systems in all environments to preserve the confidentiality, availability and integrity of the Department of Defense Information Network (DoDIN) (DoDI 8410.02). Warfighter Communications implements governance and investment strategies to drive sustainability and reliability for the warfighter coupled with the cybersecurity posture needed to face competition in the global environment. This career field is structured to enable the agile development of mission ready Airmen trained to execute Department of Defense Cyber Workforce Framework (DCWF) work roles needed at the required technical proficiency level to deliver communications capabilities as guided by the Career Field Education Training Plan (CFETP) available on e-pubs.

Warfighter Communications integrate with the Cyber Warfare Operations (1B) community to secure, operate and defend the DoDIN consistent with DoD policy, strategic guidance, and higher headquarters direction. Warfighter Communications personnel are organized, trained, equipped and resourced to execute DoDIN operations providing cybersecurity and Information Technology capabilities enabling Air and Space Force core missions.

These Air Force Specialty Code descriptions incorporate the concepts of the DCWF work role codes that are employed to identify specific skills required for each position as they are associated to the framework (See Attachment III-SEIs). The DCWF was adapted for the Department of Defense (DoD) from the National Initiative for Cybersecurity Education (NICE) developed by the National Institute of Standards and Technology (NIST) to establish a common lexicon and competencies for work roles. This framework universalizes training and education between academia, industry and the DoD. The DCWF enables services to document existing talent and deliver targeted development opportunities to ensure Airmen with the right skills are available and are assigned to the right position at the right time while balancing both continued development with critical mission needs.

CEM Code 1D700
AFSC 1D791, Superintendent

★WARFIGHTER COMMUNICATIONS
(Changed 31 Oct 25)

1. **Specialty Summary.** The Warfighter Communications Career Field manages, secures, configures, operates, extends, maintains and sustains the technological capabilities used to collect, process, store, disseminate and manage information on-demand for warfighters, policy makers, and support personnel. These responsibilities extend to interconnected and stand-alone systems in all environments to preserve the confidentiality, availability and integrity of the Department of Defense Information Network (DoDIN) (DoDI 8410.02). Warfighter Communications implements governance and investment strategies to drive sustainability and reliability for the warfighter coupled with the cybersecurity posture needed to face competition in the global environment. Warfighter Communications integrate with the Cyber Warfare Operations (1B) community to secure, operate and defend the DoDIN consistent with DoD policy, strategic guidance, and higher headquarters direction. Warfighter Communications personnel are organized, trained, equipped and resourced to execute DoDIN operations providing cybersecurity and Information Technology capabilities enabling Air and Space Force core missions. DCWF work roles associated with this specialty will be list in the Career Field Education and Training Plan (CFETP).

2. **Duties and Responsibilities:**
2.1. Conducts Warfighter Communications and associated support activities to secure and operate the DoDIN and other allied cyberspace systems. This includes communications and cybersecurity practices to preserve the availability of cyber systems and protect to data, networks, net-centric capabilities, and other designated systems as well as passive defense measures intended to maintain and operate the DoDIN such as configuration control, patching and firewall configuration.
2.2. Plans and organizes cyber support activities. Plans and supervises system installation and evaluates facilities layout and performance standards. Designs and develops organizational structures and determines equipment, training, and supplies required for systems implementation and support. Interacts with mission partners to ensure cyber capabilities meet mission requirements. Establishes tactics, techniques, and procedures. Evaluates operational readiness of communications equipment, network devices, sensors, intrusion detection, and related support equipment.
2.3. Directs activities responsible for system analysis and design, programming, operations and maintenance, security, systems management, technical support, plans, implementation, and resource management. Implements and interprets policies, directives, and procedures.
2.4. Establishes training requirements and programs to meet foundational and residential (e.g. local) knowledge and certification requirements and to enhance professional awareness of emerging technologies.
2.5. Directs maintenance activities. Directs personnel employed in positioning, deploying, inspecting, adjusting, removing, replacing, repairing, operating, and securing communications systems and related equipment. Prepares and analyzes reports encompassing siting, deploying, maintaining, installing, repairing, and removing communications systems and related equipment. Coordinates activities and resolves common problems. Directs overhaul and repair of communications systems and related equipment. Establishes local maintenance procedures and policies. Ensures work standards are maintained. Determines extent and economy of repair, including disposition of malfunctioning equipment.
2.6. Inspects and evaluates maintenance activities for compliance with directives. Evaluates, rates, and prepares reports. Recommends and implements corrective action for improved methods and procedures. Evaluates effectiveness of equipment usage, systems performance, customer service, supplies, system scheduling, processing, and maintenance.
2.7. Plans, programs, and develops budget inputs to ensure resource availability for operational and training requirements.
2.8. Manages plans, implementation, and development functions. Helps functional users define requirements. Recommends automated methods to enhance resource use. Supervises functional user requirements translation into automated systems capabilities. Organizes teams that use methodologies to meet mission requirements. Supervises test and evaluation efforts to determine performance. Organizes and participates in mission implementation and conversion. Ensures continued interface between functional users, and programming and operations personnel for implemented systems. Ensures compliance with standards for systems documentation.
2.9. Oversees the overall manpower strengths of enlisted personnel at the unit level and advises the commander, ensuring fair and equitable resource distribution. Allocate all incoming enlisted personnel based on skill- level, grade authorizations, and experience to maintain balanced manpower within the unit. Where appropriate, offer input and feedback to the next level Functional Manager (FM) for base level resourcing as mentioned in the 1D7 SEL Handbook.

3. **Specialty Qualifications:**
3.1. Knowledge. This specialty requires knowledge of techniques and procedures of systems analysis and design; project management, IT systems processing; system operation and maintenance; system and equipment capability, capacity, and logic; personnel and equipment performance measurement; awards programs and manpower and organization; security, administrative contract, training, resource, records, publications, deployment, logistics, and base/unit functional management.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. For award of the 1D791, qualification in and possession of 1D77X/X and experience managing and directing warfighting communications activities.
3.5. Other. For award and retention of this AFSC:

3.5.1. Specialty may require routine access to classified information, systems, missions, and environments to include but not limited to Sensitive Compartmented Information Facilities (SCIF), Airborne platforms, Agile Combat Employment, Nuclear Command Control & Communications (NC3), and a multitude of emerging mission requirements in a highly contested domain IAW DoDM 5200.01-DAFMAN 16-1405.
3.5.2. Must be eligible for Top Secret (Tier 5) and maintain security clearance based on current position requirements.
3.5.3. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and DAFMAN 17-1301, *Computer Security*.
3.5.4. ★Must obtain or meet DoD Cyber Workforce qualifications based on approved cyberspace requirements applicable for cyberspace tasks required for any position held IAW DoDM 8140.03, *Cyberspace Workforce Qualification and Management Program*, and DAFMAN 17-1305, *Cyberspace Workforce Management Program*.

AFSC 1D771, Craftsman
AFSC 1D751, Journeyman
AFSC 1D731, Apprentice
AFSC 1D711, Helper

★INFORMATION TECHNOLOGY (IT) SYSTEMS
(Changed 31 Oct 25)

1. ★**Specialty Summary.** IT Systems personnel can perform three primary work roles: Technical Support, Systems Administrator, and Network Operations. IT systems technicians qualified as Technical Support manage and maintain client devices and accounts as well as routine tasks on network devices and infrastructure to troubleshoot and resolve network connectivity issues. At the intermediate and advanced proficiency levels, Systems Administrators manage and maintain server operating systems and software applications. Network Operations personnel install, support, and maintain network infrastructure devices and systems. Each role requires a unique set of skills and competencies, and IT systems personnel may specialize in one or more of these work roles depending on their expertise, interests, and the position requirements. IT systems manage and perform Warfighter Communications in all environments in support of the overall requirements to survey, secure, protect, defend, preserve, design, build, operate, and extend data, networks, net-centric capabilities, and other designated systems. This Air Force Specialty Code incorporates the use of DCWF codes to tie this specialty to the framework. The DCWF was developed by the National Institute of Standards and Technology (NIST) and the DoD to establish a common lexicon and model for all cyber work. The DCWF will universalize training and education between academia, industry, and military. It will also enable talent management by ensuring the right Airmen, for the right assignment, at the right time. DCWF work roles associated with this specialty will be listed in the Career Field Education and Training Plan (CFETP).

2. ★**Duties and Responsibilities:**
2.1. The available duties and responsibilities can encompass:
2.2. ★Technical Support. IT systems personnel qualified as Technical Support design, build, provision, maintain, and sustain information systems, including warfighter communications, within the Department of the Air Force (DAF). This role is responsible for deploying, sustaining, troubleshooting, and repairing standard voice, data, video network, and cryptographic client devices in fixed and deployed environments. The individual will manage client user accounts and organizational client device accounts and perform, coordinate, integrate, and supervise network design, configuration, operation, defense, restoration, and improvements.
2.3. System Administrator. IT systems personnel qualified as a System Administrator design, build, provision, maintain, and sustain information systems, including warfighter communications, within the Department of the Air Force (DAF)... The individual will install, support, and maintain server operating systems or other computer systems and the software applications pertinent to its operation, while also ensuring current defensive mechanisms are in place. They will also respond to service outages and interruptions to network operations and administer server-based networked systems, distributed applications, network storage, messaging, and application monitoring required to provision, sustain, operate, and integrate cyber networked systems and applications in garrison and at deployed locations
2.4. ★Network Operations. IT systems personnel qualified as Network Operations, design, build, provision, maintain, and sustain information systems, including warfighter communications, within the Department of the Air Force (DAF This role is responsible for deploying, sustaining, troubleshooting, and repairing standard voice, data, and video network infrastructure systems, IP detection systems, and cryptographic equipment .The individual is also responsible for fabricating, terminating, and interconnecting wiring and associated network infrastructure devices. They will also respond to service outages and interruptions to network operations.
2.5. Expeditionary Communications delivers cyber capabilities in austere and mobile environments. Expeditionary Communications includes all applicable statutes, but specifically datalinks, the building, operating, maintaining, securing, and sustaining of tactical and communications networks when needed to support warfighter requirements, systems employed in austere, mobile, and/or expeditionary environments, to provide command and control in support of Air and Space Force missions.

3. ★**Specialty Qualifications:**
3.1. Knowledge. This specialty requires knowledge principles, technologies, capabilities, limitations, and cyber threat vectors of servers, clients, operating systems, databases, networks and related hardware and software. Cybersecurity principles include national and international laws, policies, and ethics related to operational cybersecurity; operational risk management processes; and specific operational impacts of lapses in cybersecurity. The installation and maintenance management functions include wire transmission principles; electrical and light wave communications; wireless fundamentals, and cable testing procedures.
3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Additional courses in Science, Technology, Engineering, and Mathematics (STEM) are desirable. Associate degree or higher in related fields and/or Information Technology (IT) certification is desirable.
3.3. Training. For award of the 1D731X, completion of the suffix-specific initial skills training course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. There are no specific upgrade requirements for the slick AFSC 1D7X1 not already defined in the training AFI.
3.4.2. For award of the 1D751, qualification in and possession of 1D731X, and experience in suffix specific functions.
3.4.3. For award of the 1D771, qualification in and possession of 1D751 and experience in suffix specific functions.
3.4.4. For award of the 1D791, qualification in and possession of 1D77 and experience managing and directing cyber activities.
3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty:
3.5.1.1. See attachment 4 for additional entry requirements.
3.5.1.2. ★Personnel with prior qualification of attaining and maintaining DoD Cyber Workforce qualifications based on approved cyberspace requirements IAW DAFMAN 17-1305, *DAF Cyberspace Workforce Management Program* for retraining can request an Exception to Policy (ETP) to waive minimum ASVAB requirements on a case-by-case basis.
3.5.2. For award and retention of these AFSCs:
3.5.2.1. ★Must obtain or meet DoD Cyber Workforce qualifications based on approved cyberspace requirements applicable for cyberspace tasks required for any position held IAW DoDM 8140.03, *Cyberspace Workforce Qualification and Management Program*, and DAFMAN 17-1305, *DAF Cyberspace Workforce Management Program*.
3.5.2.2. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
3.5.3. Specialty requires routine access to classified information, systems, missions, and environments to include but not limited to Sensitive Compartmented Information Facilities (SCIF), Airborne platforms, Nuclear Command Control & Communications (NC3), and a multitude of emerging mission requirements in a highly contested domain IAW DoDM 5200.01-DAFMAN 16-1405.
3.5.4 ★Must be eligible for Top Secret (Tier 5) and maintain security clearance or based on current position requirements.
3.5.4.1 Completion of a background investigation according to DoDM 5200.01 - DAFMAN 16-1405, *Personnel Security Program Management*, is mandatory.
NOTE: Award of the 3-skill level without a completed investigation is authorized provided minimum of interim Tier 5 (Top-Secret) clearance has been granted according to DoDM 5200.01 - AFMAN 16-1405.

4 *Specialty Shreds:

Suffix	***Portion of AFS to Which Related***
A	Network Operations
B	Systems Administration

NOTE: Suffixes A and B, are only applicable to the 3, 5, and 7skill level. Suffix W is only applicable to the, 5, and 7- Skill Level and is NOT authorized for award until a W awarding Initial Skills Training (IST) course has been established. * At this time, the 39th IOS course is NOT considered an official IST course.

AFSC 1D772, Craftsman
AFSC 1D752, Journeyman
AFSC 1D732, Apprentice
AFSC 1D712, Helper

★RADIO FREQUENCY TRANSMISSIONS AND ELECTROMAGNETIC ACTIVITIES (EMA)
(Changed 31 Oct 25)

1. ★**Specialty Summary.** Radio Frequency (RF) Transmissions and Electromagnetic Activities (EMA) **involve** the use of electromagnetic energy to support a wide range of military and civilian operations. An RF Technician is responsible for installing, integrating, maintaining, and repairing RF communication equipment. They work with a variety of RF systems, including radio, and cellular communication networks, and specialize in propagation techniques such as Line of Sight, HF, SATCOM, and Troposcatter in both fixed and tactical environments. Spectrum Operations personnel are responsible for managing and coordinating the use of the electromagnetic spectrum in a particular geographic area. They analyze requirements and requests for frequencies, and work to ensure that different systems and devices can operate without interfering with each other. This may involve coordinating with other spectrum users, such as government agencies or commercial entities, and making recommendations for the allocation of frequencies. Spectrum Operations Technicians must have a deep understanding of wireless communications systems and the principles of electromagnetism, as well as knowledge of relevant regulations and standards. They may also be involved in the development of new spectrum-dependent technologies and applications. Together, RF and EMA technicians play a critical role in ensuring the effective and secure use of the electromagnetic spectrum in a variety of contexts. DCWF work roles associated with this specialty will be listed in the Career Field Education and Training Plan (CFETP).

2. **Duties and Responsibilities:**
2.1 RF Transmissions (1D7X2R):
2.1.1. Performs/supervises wireless radio and satellite systems and equipment maintenance activities. Oversees work in progress and reviews completed repairs for sound maintenance practices. Establishes requirements for maintenance equipment, support equipment, tools, and spare parts. Requisitions, accounts for, and turns in supplies and material. Interprets inspection findings and determines adequacy of corrective action. Reviews and ensures compliance with maintenance management publications and procedures. Identifies maintenance problem areas and recommends corrective action. Recommends methods to improve equipment performance and maintenance procedures. Evaluates justification and practicability of proposed modifications. Develops and enforces safety standards for ground RF system maintenance activities
2.1.2. Inspects wireless radio/satellite communications activities. Determines equipment operational status. Serves on teams to evaluate transmission systems activities. Interprets inspection findings submitted by other inspecting activities and initiates corrective action. Determines adequacy of corrective action. Checks installed and repaired components for compliance with technical publications.
2.1.3 Resolves installation, repair, overhaul, and modification problems associated with communications equipment. Employs orbiting communication satellite, line-of-sight, and tropospheric scatter techniques. Installs, maintains, reconstitutes, removes, and modifies coaxial cabling, waveguide and antenna systems. Conducts tests to restore and maintain systems. Uses anti-jam equipment and techniques to neutralize effects of communication jamming. Uses layout drawings, schematics, and pictorial diagrams to solve maintenance problems. Analyzes construction and operating characteristics of equipment to determine source of malfunction. Performs intricate alignment and calibration procedures to ensure maximum operating efficiency. Determines repair procedures necessary to correct defective equipment.

2.1.4 Installs ground radio, satellite, and telemetry communications equipment. Consults layout drawings to ensure equipment is properly positioned. Checks equipment for serviceability prior to installation. Assembles, connects, secures, and interconnects components such as transmitters, power supplies, and antenna assemblies. Tests installed equipment for proper assembly of components and compliance with technical orders. Places in operation and tunes, adjusts, and aligns components to obtain maximum operating efficiency. Identifies and locates Radio Frequency interference sources.

2.1.5 Deploys and activates mobile and transportable transmission equipment. Refers to plans and equipment specifications to conduct site and equipment surveys and establishes equipment systems interface. Unpacks, inspects, and positions communications equipment; erects antennas; and interconnects communications facilities.

2.1.6 Performs preventive maintenance on communications systems and related equipment. Inspects equipment at specified intervals to determine operational status. Replaces defective components. Performs operational checks. Updates maintenance data collection records and systems to document actions completed.

2.1.7 Repairs, overhauls, and modifies communications and related equipment. Isolates malfunctions using system checking procedures, required test equipment, analyzing voltage and waveform measurements, schematic diagrams, and equipment operating characteristics. Repairs equipment, including transmitters, receivers, transceivers, and related equipment. Tunes and adjusts components. Adjusts, aligns, and calibrates equipment for maximum operating efficiency. Fabricates and connects various types of antenna systems and transmission lines. Understands antenna fundamentals, including antenna theory and principles of rotators, amplifiers and control cables. Tests repaired components using bench mockups and related test equipment.

2.1.8 Maintains inspection and maintenance records to include organizational device accounts. Posts entries on maintenance and inspection records. Records meter readings and other pertinent data in equipment logs. Completes maintenance data collection forms.

2.1.9 Performs installation spectrum management duties as required. Engineers, nominates, assigns, and proactively ensures access to frequencies that support communications and operational requirements. Coordinates frequency needs with Federal, military, civil, and international spectrum management agencies. Secures operating authority and ensures the least possible interference is caused or received by Air Force electromagnetic systems. Drafts and reviews spectrum interference reports. Resolves electromagnetic interference problems with the use of spectrum analysis software, and spectrum scanning equipment.
2.2 As part of the Warfighter Communications career field, performs IT project management duties to include manage, supervise, and perform planning and implementation activities. Manages implementation and project installation and ensures architecture, configuration, and integration conformity. Develops, plans, and integrates base communications systems. Serves as advisor at meetings for facility design, military construction programs and minor construction planning. Evaluates base comprehensive plan and civil engineering projects. Monitors the status of cyber or communications-related base civil engineer work requests. Performs mission review with customers. Controls, manages, and monitors project milestones and funding from inception to completion. Determines adequacy and correctness of project packages and amendments. Monitors project status and completion actions. Manages and maintains system installation records, files, and indexes. Evaluates contracts, wartime, support, contingency and exercise plans to determine impact on manpower, equipment, and systems. [DCWF Code - 802]
2.2.1 Spectrum Operations (1D7X2F):
2.2.2 Engineers, nominates, assigns, and proactively ensures access to frequencies that support communications and operational requirements. Coordinates frequency needs with Federal, military, civil, and international spectrum management agencies. Secures operating authority and ensures the least possible interference is caused or received by electromagnetic systems. Drafts and reviews spectrum interference reports. Resolves electromagnetic interference problems with the use of spectrum analysis software, and spectrum scanning equipment. Spectrum Operations personnel are aligned to work roles in the Department of Defense Electromagnetic Workforce Framework (DEWF).
2.2.3 Determines risk assessment and provides sound advice to commanders and combatant commanders on mission impacts and collateral damage.
2.2.4 Collaborates with signals intelligence specialists in the identification, monitoring, and exploitation of emissions, to better control the electromagnetic battlespace.
2.2.5 Analyzes radio frequency spectrum requirements and determines compatibility with other users considering transmitter and receiver specifications, antenna data, emission characteristics, and modes of radio wave propagation. Examines radio link deficiencies and recommends corrective action to improve system performance. Recommends solutions to electromagnetic compatibility problems.
2.2.6 Manages and updates frequency records in a classified database shared by the joint spectrum community to provide a global understanding of the spectrum environment. Provides guidance on the spectrum certification process for electromagnetic spectrum dependent equipment planned for introduction into the Air Force inventory, and for modifications to existing equipment. Reviews planning and program documents to determine whether spectrum support is required. Prepares frequency annexes for contingency and operations plans. Examines spectrum allocation data and frequency assignment records to ascertain suitability of specific equipment planned for deployment.
2.2.7 Evaluates and assists electromagnetic spectrum management activities. Determines if spectrum support is adequate and recommends changes. Educates customers on optimal and proper use of the electromagnetic spectrum. Plans for current and future electromagnetic spectrum needs. Identifies and locates Radio Frequency interference sources using spectrum analysis software, and spectrum scanning equipment.
3. ★**Specialty Qualification**
3.1. RF Transmissions (1D7X2R):
3.2. ★Knowledge: This specialty requires knowledge of electricity and radio theory modulation techniques, antenna theory, encryption techniques, traditional telecommunication signal flow, repeaters, and modes of propagation. Specialized mission sets may require additional knowledge of networking fundamentals to include configure and maintaining switches, routers, and servers in addition to system administrator responsibilities. A thorough understanding of cybersecurity principles should also be incorporated.
3.3. Education: For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Additional courses in Science, Technology, Engineering, and Mathematics (STEM) are desirable. Any computing or network commercial certification is desirable.
3.4. ★Training: For award of the AFSC 1D732R, completion of the RF Transmissions initial skills course is mandatory.
3.5. Experience: The following experience is mandatory for award of the AFSC indicated.
3.5.1. 1D752R. Qualification in and possession of AFSC 1D732R. Also, experience in functions such as testing, tuning, adjusting, maintaining, or repairing ground RF communications and related equipment, and using specialized test equipment.
3.5.2. 1D772R. Qualification in and possession of AFSC 1D752R. Also, experience in functions such as sitting, installing, repairing, overhauling, or modifying ground RF equipment, and using test equipment.
3.6. Other: The following are mandatory as indicated.
3.6.1. For entry into this specialty:
3.6.1.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.6.1.1.2. See attachment 4 for additional entry requirements.
3.6.1.1.3. For award and retention of this AFSC:
3.6.1.1.4. ★Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and DAFMAN17-1301, *Computer Security*.
3.6.1.1.5. Specialty requires routine access to Secret material or similar environment.

3.6.1.1.6. For award and retention of AFSCs 1D752R/72R:
3.6.1.1.7. Completion of a current Tier 3 (T3) background investigation according to AFMAN16-1405, *Personnel Security Program* Management.
3.6.1.1.8. **NOTE:** Award of the 3-skill level without a completed investigation is authorized provided minimum of interim Tier 3 (Secret) clearance has been granted according to DoDM 5200.01 – AFMAN16-1405.
3.7. Spectrum Operations (1D7X2F):
3.7.1.Knowledge: This specialty requires knowledge of EMS propagation factors, including effects of antenna design, power, emission type, frequency and effects of terrain.
3.7.2. National, International, and military regulations governing use of the electromagnetic spectrum.
3.8. Education: For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Additional courses in Science, Technology, Engineering, and Mathematics (STEM) are desirable. Any computing or network commercial certification is desirable.
3.9. Training: The following training is mandatory for award of the AFSC indicated:
3.9.1. ★For award of the AFSC 1D732F, completion of the Spectrum Operations initial skills course is mandatory.
3.10. Experience: The following experience is mandatory for award of the AFSC indicated.
3.10.1. 1D752F. Qualification in and possession of AFSC 1D732F. Also, experience performing spectrum management engineering, selection, negotiation, and resolution of interference problems
3.10.2. 1D772F. Qualification in and possession of AFSC 1D752F. Also, increased experience performing and/or supervising personnel in problem solving, electromagnetic spectrum management, engineering, selection and negotiation techniques, and resolution of interference problems. Possesses a good understanding of offensive spectrum operating environments and is able to advise commanders/stakeholders on risk issues during these offensive activities.
3.11. Other: The following are mandatory as indicated.
3.11.1. For entry into this specialty
3.11.1.1.1. See attachment 4 for additional entry requirements.
3.11.1.1.2. For award and retention of this AFSC.
3.11.1.1.3. ★Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and DAFMAN17-1301, *Computer Security*.
3.11.1.1.4. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environments
3.11.1.1.5. When required for a current or future assignment, must successfully complete and pass a Counterintelligence (CI) polygraph test.
3.11.1.1.6. Completion of a background investigation according to DoDM 5200.01 - DAFMAN 16-1405, Personnel Security Program Management, is mandatory.
3.11.1.1.7. Must maintain & sustain highest security clearance level received up to Top Secret (Tier 5) or based on current position requirements.
3.11.1.1.8. ★Must obtain or meet DoD Cyber Workforce qualifications based on approved cyberspace requirements applicable for cyberspace tasks required for any position held IAW DoDM 8140.03, *Cyberspace Workforce Qualification and Management Program*, and DAFMAN 17-1305, *DAF Cyberspace Workforce Management Program*.
3.12. ***NOTE**:* Award of the 3-skill level without a completed investigation is authorized provided minimum of interim Tier 5 (Top-Secret) clearance has been granted according to DoDM 5200.01 - AFMAN 16-1405

4. **<u>*Specialty Shreds:</u>**

Suffix	***Portion of AFS to Which Related***
F	Spectrum Operations
R	RF Transmissions

AFSC 1D773, Craftsman
AFSC 1D753, Journeyman
AFSC 1D733, Apprentice
AFSC 1D713, Helper

★CABLE AND ANTENNA
(Changed 31 Oct 25)

1. ★**Specialty Summary.** Provides command and control (C2) capabilities through installation, maintenance, fault isolation, and reconstitution of fixed cable and wireless distribution systems, local area networks (LAN), and wide area networks (WAN) in support of tactical and strategic operations. Monitors and analyzes performance of underground, buried, and aerial cable and antenna networks. Supports Warfighter Communications and IT and cyber functions (DoDIN operations) in accordance with related DoD Occupational Subgroup: 162100. Surveys, secures, protects, defends, preserves, designs, builds, operates, and extends data, networks, net-centric capabilities, and other designated systems. This Air Force Specialty Code description incorporates the use of DoD Cyber Workforce Framework (DCWF) Codes to tie this specialty description to the framework. DCWF work roles associated with this specialty will be listed in the Career Field Education and Training Plan (CFETP).

2. ★**Duties and Responsibilities:**
2.1. Installs, maintains, reconstitutes, removes, and modifies copper core, coaxial, waveguide, and fiber optic cable and antenna systems. Climbs antenna support structures and wooden poles to various heights for maintenance and installation actions on cable and antenna systems. Installs and maintains dedicated local area network (LAN) and wide area network (WAN) media distribution systems, including distribution system interior wiring. Installs and removes fire stopping barriers when installing interior cabling. Uses drawings, task lists, instructions, and technical data to work on copper core, coaxial, waveguide, fiber optic cable and antenna systems. Installs distribution equipment. Terminates copper core, coaxial, waveguide, and fiber optic cable on distribution frames and interface equipment. Operates and performs maintenance using tools, test equipment, auxiliary equipment, and vehicles such as backhoes, trenchers, cable trailers, cable reel trucks, and antenna construction vehicles.
2.2. ★Locates, repairs, and replaces faulty closures in copper core, waveguide, coaxial, and fiber optic cable systems. Performs pneumatic troubleshooting to locate faulty splice closures and seals splice closures. Excavates and backfills splice pits. Installs and maintains aerial cable support structures such as pole line and suspension strands. Installs underground cables, uses duct rods, cleans cable duct systems, prepares pulling apparatus, and pulls in and temporarily bonds cable. Installs, maintains, and marks path of buried cable systems.
2.3. Monitors, analyzes, and troubleshoots copper core, waveguide, coaxial, and fiber optic cable systems. Determines cause of signal deterioration in cable carrying audio, video, digital, and data transmission. Interprets compressor meter readings and adjusts controls. Installs, maintains, and repairs or replaces damaged pneumatic components in cable air dryers. Uses test equipment to identify copper conductors and optic fibers in cables. Locates and traces buried cable. Locates and traces leaks in pressurized cable system. Performs operational checks and preventative maintenance inspections.
2.4. Maintains communications and computer systems installation records, maintenance and inspection cable records, and technical orders.
2.5. Supervises, plans, organizes, and directs cable and antenna installation and maintenance activities. Develops and improves work methods and procedures related to installation and maintenance of all cable and antenna systems.
2.6. Performs IT project management duties to include; managing, supervising, and performing planning and implementation activities. Manages safety programs for equipment operations and maintenance as required (e.g., confined spaces, tower training, etc). Manages implementation and project installation and ensures architecture, configuration, and integration conformity. Develops, plans, and integrates base communications systems. Serves as advisor at meetings for facility design, military construction programs and minor construction planning. Evaluates base comprehensive plan and civil engineering projects. Monitors the status of cyber or communications-related base civil engineer work requests. Performs mission review with customers. Controls, manages, and monitors project milestones and funding from inception to completion. Determines adequacy and correctness of project packages and amendments. Monitors project status and completion actions. Manages and maintains system installation records, files, and indexes. Evaluates contracts, wartime, support, contingency, and exercise plans to determine impact on manpower, equipment, and systems. [DCWF Code - 802]

3. ★**Specialty Qualifications:**
3.1. Knowledge. Knowledge of the following is mandatory: installation and maintenance management functions; wire transmission principles; electrical and light wave communications on aerial, buried and underground cable systems; cable pressure and alarm systems; antenna and obstruction systems; antenna fundamentals, including antenna theory and principles of rotators, amplifiers and control cables; antenna installation procedures, including radio frequency cable, waveguide splicing, and repair and maintenance techniques of radomes; operation and theory of cable pressurization, alarm systems, locating cable faults, identifying causes of deterioration in cable systems, cable testing procedures and methods of sealing cables; safety precautions related to oxygen deficiency, aid and cardiopulmonary resuscitation; use and limitations of test set operations; corrosion prevention and control procedures; and capabilities, limitations, operations and functional use of basic cable and antenna systems and associated hardware is mandatory.
3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Additional courses in mathematics, computer science or information technologies are desirable.

3.3. ★Training. For award of the AFSC 1D733, completion of Cable and Antenna initial skills course is mandatory.
3.4. Experience. The following experience is mandatory for the award of the AFSC indicated:
3.4.1. 1D753. Qualification in and possession of AFSC 1D733. Also, experience in functions such as installing, maintaining, and repairing communications cable and antenna systems, including electrical equipment and transmission lines.
3.4.2. ★1D773. Qualification in and possession of AFSC 1D753. Also, experience performing or supervising functions in areas such as project installation and maintenance actions, communications cables, antennas, and related electrical hardware.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in DAFMAN 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For entry, award, and retention of this AFSC:
3.5.2.1. Physical ability to perform climbing duties and freedom from fear of heights.
3.5.2.2. Completion of a background investigation according to AFMAN 16-1405, *Personnel Security Program Management*, is mandatory.
3.5.2.3. Must maintain & sustain highest security clearance level received up to Top Secret (Tier 5) or based on current position requirements.
NOTE: Award of the 3-skill level without a completed investigation is authorized provided interim Tier 3 (Secret) clearance has been granted according to DoDM 5200.01 - AFMAN 16-1405.

AFSC 1D774*, Craftsman
AFSC 1D754*, Journeyman
AFSC 1D734*, Apprentice
AFSC 1D714*, Helper

★DATA ENGINEERING

(Changed 31 Oct 25)

1. ★**Specialty Summary**. Data engineering personnel can perform three primary work roles: Knowledge Management, Data Operations and Software Engineer in support of mission requirements. The data operations role involves designing, developing, and modifying AI applications, tools, and/or other solutions to enable successful accomplishment of mission objectives. This role also involves building, managing, and operationalizing data pipelines. The software engineering role encompasses a wide range of responsibilities, including supervising and performing as a software analyst, coder, tester, and manager in the design, development, maintenance, testing, configuration management, and documentation of application software systems, client-server, and web-enabled software and relational database systems critical to warfighting capabilities. DCWF work roles associated with this specialty will be listed in the Career Field Education and Training Plan (CFETP).

2. ★**Duties and Responsibilities**:
2.1. ★Data Engineering- 1D7X4
2.1.1. ★Responsible for the operationalized knowledge management and administration of processes and tools that enable the organization to identify, document, and access intellectual capital and information.
2.1.2. ★Designs, develops, and modifies SharePoint policy, site structure, objects, and storage requirements to enable successful accomplishment of mission objectives
2.1.3. ★Designs, builds, tests, and deploys web applications using Hypertext Markup Language (HTML), and Cascading Style Sheets (CSS). Customizes content, creates workflows, and manages accounts to meet the knowledge engineering of a business or mission.
2.1.4. ★Collaborates with stakeholders to elicit user requirements. Ensures intellectual capital and relevant information is maintained throughout the information lifecycle, delivers shared understanding and increased organizational performance and decision-making capabilities to support the mission.
2.2. Data Operations- 1D7X4D
2.2.1. Designs, develops, and modifies AI applications, tools, and/or other solutions to enable successful accomplishment of mission objectives
2.2.2. Designs a system's data models, data flow, interfaces, and infrastructure to meet the information requirements of a business or mission.
2.2.3. Holds responsibility for developing, promoting, and overseeing implementation of data as an asset and the establishment and enforcement of data-related strategies, policies, standards, processes, and governance.
2.2.4. Builds, manages, and operationalizes data pipelines.
2.2.5. Collaborating with data scientists, analysts, and other stakeholders to ensure that data is used effectively to support the mission. Develops and maintains plans, policies, and processes for data management, data governance, security, quality, accessibility, use, and disposal.
2.3. Software Engineering – 1D7X4P
2.3.1. Develops standardized tools and interfaces in accordance with Department of the Air Force Network Operations guidance to transform raw data into actionable C2 information. Develops and implements policy to enable effective information discovery, indexing, storage, life-cycle management, retrieval, and sharing in a collaborative enterprise information environment. Harnesses capabilities of systems designed to collect, store, retrieve, process, and display data to ensure information dominance.
2.3.2. Ensures compliance with DoD directives and standards for security and interoperability. Protects operating systems, application software, files, and databases from unauthorized access to sensitive information, or misuse of communication-computer resources.
2.3.3. Determines, analyzes, and develops requirements for software systems through interpreting standards, specifications, and user needs as a system analyst. Determines, designs, and develops data requirements, database structure, process flow, systematic procedures, algorithms, and file structures to implement and maintain software systems using software engineering techniques. Works with systems using software methodologies such as distributed processing, systems networking, advanced information storage and retrieval, and management techniques. Determines and recommends the most reasonable approach in designing new systems or modifying existing systems. Develops and maintains system specifications. Conducts and participates in system reviews and technical interchanges. Selects appropriate software development tools. Explores commercial off-the-shelf options to satisfy user requirements.
2.3.4. Translates system specifications and requirements into program code and database structures, implements designed functionality as software coders. Analyzes output products and debugs source code to isolate and correct errors in program logic, syntax, and data entry, and to ensure accuracy and efficiency. Conducts code reviews and unit-level testing. Develops and maintains unit-level test plans. Arranges test data and routines. Modifies existing programs to correct program errors or modifies existing functionality or interface.

Prepares system graphical descriptions, standard language statements, workload data, and presents and proposes cost. Develops and maintains documentation such as program maintenance manuals and operational guides.
2.3.5. Designs, develops, maintains, and executes test plans for formal qualification testing, system integration testing, regression testing and verification, validation, and acceptance testing as software testers. Conducts test events. Analyzes software system requirement documents. Develops and maintains test data. Performs analysis of test data, determines test results and develops test reports. Makes recommendations to release authorities concerning verifiability, validity, conformance, and interoperability of software systems.
2.3.6. Designs, develops, maintains, and executes processes to manage software or database components, specifications, test plans, procedures and results, and revision history applicable to a software system to ensure systems in use meet user requirements as software configuration managers. Controls software components at all times to ensure availability and stability of documented baselines. Prepares and manages processes for reporting deficiencies and requesting changes to software components or systems. Manages change packages through analysis and development efforts ensuring testing is performed and documentation is created or updated as required. Conducts reviews of proposed change packages by the user community and control authorities. Prioritizes deficiency reports and change requests using guidance from the user community and control authorities. Prepares and maintains software system baseline documentation and procedures. Prepares, packages, and documents deliverable products.
2.3.7. ★ As software project manager, interacts with and provides oversight for software system developers and maintainers. Develops and prepares system requirements and proposals. Analyzes requests for information. Prepares documentation of proposal specifications and programs. Organizes system study teams and conducts briefings. Conducts and participates in design reviews and technical interchanges between developers and user representatives. Plans, conducts and reports on the results of system acceptance tests. Manages or participates in contract management, software quality assurance, or quality assurance evaluation process.

3. ★**Specialty Qualifications**:
3.1. ★Data Engineering – 1D7X4
3.1.1. ★Knowledge. Knowledge of the following is mandatory. Basics of Networking Fundamentals, Client Systems, Switching and Routing, Servers, and Cybersecurity, Knowledge Management, SharePoint, Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), and Cyber Operations.
3.1.2. ★ Education. For entry into this specialty, completion of high school or general education development equivalency is mandatory. Additional courses in computer software, computer science, information technology, and data science are desirable. Any data science or IT certifications are desirable.
3.1.3. ★ Training. For award of the AFSC 1D734, completion of the Knowledge Operations initials skills course is mandatory.
3.1.4. ★1D754. Qualification in and possession of AFSC 1D734. Experience performing Knowledge Management functions such as SharePoint, HTML, CSS, and Cyber Operations.
3.1.5. ★1D774. Qualification and possession of AFSC 1D754. Experience performing or supervising one of the functions of Knowledge Management, SharePoint, HTML, CSS, and Cyber Operations to enable successful accomplishment of mission directives.
3.1.6. ★ Other. The following are mandatory as indicated.
3.1.7. ★ See attachment 4 for additional entry requirements.
3.1.8. ★ For award and retention of this AFSC:
3.1.9. ★Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management*, and DAFMAN 17-1301, *Computer Security*.
3.1.10. ★Specialty requires routine access to Secret material or similar environment.
3.1.11. ★Must obtain or meet DoD Cyber Workforce qualifications based on approved cyberspace requirements applicable for cyberspace tasks required for any position held IAW DoDM 8140.03, *Cyberspace Workforce Qualification and Management Program*, and DAFMAN 17-1305, *DAF Cyberspace Workforce Management Program*.
3.1.12. ★Completion of a background investigation according to DoDM 5200.01 - DAFMAN 16-1405, *Personnel Security Program Management,* is mandatory.
3.1.13. ★Must maintain & sustain highest security clearance level received up to Top Secret (Tier 5) or based on current position requirements.
3.2. Data Operations – 1D7X4D
3.3. Knowledge: Knowledge of the following is mandatory. Data administration, data standardization, data mining, data warehousing, query languages (e.g., SQL), database access application programming interfaces (e.g., Java Database Connectivity [JDBC]), national and international laws and regulations pertaining to data, cybersecurity principles, cyber threats and vulnerabilities, using tools to explore data (e.g., Hadoop, Java, Python, SQL, Hive, PIG), cloud computing models (e.g., software as a service, infrastructure as a service, and platform as a service), cloud computing deployment models in various environments, data operations processes and best practices, data security roles and responsibilities, organizational mission processes, Personally Identifiable Information (PII) data security standards, Personal Health Information (PHI) data security standards, container orchestration and resource management platforms, DoD AI ethical principles, AI solution integration with cloud or cloud IT infrastructure, automate the integration of AI/machine learning-enabled software to the DoD.
3.3.1. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Additional courses in computer software, computer science, information technology, and data science are desirable. Any data science or IT certifications are desirable.
3.3.2. Training. For award of the AFSC 1D734D, completion of a Data Operations initial skills course is mandatory.

3.3.2.1. 1D754D. Qualification in and possession of AFSC 1D734D. Experience performing data operations functions such as designing, developing, and modifying AI applications, tools, and/or other solutions to enable successful accomplishment of mission objectives.
3.3.2.2. 1D774D. Qualification in and possession of AFSC 1D754D. Experience performing or supervising one of the functions of designing, developing, and modifying AI applications, tools, and/or other solutions to enable successful accomplishment of mission objectives.
3.3.3. Other: The following are mandatory as indicated.
3.3.3.1. See attachment 4 for additional entry requirements.
3.3.4. ★For award and retention of this AFSC:
3.3.4.1. ★Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management*, and DAFMAN 17-1301, *Computer Security*.
3.4.4.2 ★Must obtain or meet DoD Cyber Workforce qualifications based on approved cyberspace requirements applicable for cyberspace tasks required for any position held IAW DoDM 8140.03, *Cyberspace Workforce Qualification and Management Program*, and DAFMAN 17-1305, *DAF Cyberspace Workforce Management Program*.
3.3.5. ★Specialty requires routine access to Secret material or similar environment.
3.3.6. ★Completion of a current Tier 3 (T3) background investigation according to AFMAN 16-1405, *Personnel Security Program Management*, is mandatory.
3.3.7. ★Must maintain & sustain highest security clearance level received up to Top Secret (Tier 5), or based on current position requirements.
3.4. Software Engineering – 1D7X4P
3.4.1. Knowledge: Knowledge of the following is mandatory. System capabilities, limitations, and programming logic; techniques and procedures of systems analysis and design; related information processing devices and systems; C-CS; software methodologies; methods of editing input and output data; configuration management techniques; security practices; customer relations; application of mathematical and analytical concepts to process problems within a C-CS; and computer program editing and testing techniques.
3.4.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Additional courses in algebra, geometry, computer science and computer programming are desirable. Any network or computing commercial certification is desirable.
3.4.3. ★Training. For award of the AFSC 1D734P, completion of a Computer Systems Programming initial skills course is mandatory.
3.4.4. Experience. The following experience is mandatory for award of the AFSC indicated.
3.4.4.1. 1D754P. Qualification in and possession of AFSC 1D734P. Experience performing programming functions such as designing, coding, testing, or documenting software.
3.4.4.2. 1D774P. Qualification in and possession of AFSC 1D754P. Experience performing or supervising one of the functions of programming, such as preparing system requirements, developing high-level or detailed designs, translating designs into code, testing, configuration management, or project management.
3.4.5. Other. The following are mandatory as indicated.
3.4.6. For entry into this specialty.
3.4.6.1. See attachment 4 for additional entry requirements.
3.4.7. ★ For award and retention of this AFSC:
3.4.7.1. ★ Must maintain local network access IAW AFI 17-130*, Cybersecurity Program Management* and DAFMAN17-1301, *Computer Security*.
3.4.7.2. ★Must obtain or meet DoD Cyber Workforce qualifications based on approved cyberspace requirements applicable for cyberspace tasks required for any position held IAW DoDM 8140.03, *Cyberspace Workforce Qualification and Management Program*, and DAFMAN 17-1305, *DAF Cyberspace Workforce Management Program*.
3.4.7.3. ★ Specialty requires routine access to Top Secret material or similar environment.
3.4.7.4. Completion of a current Tier 5 (T5) background investigation according to AFMAN 16-1405, Personnel Security Program Management, is mandatory.
3.4.8. ★Must maintain a Top-Secret clearance (Tier-5) for retention of this AFSC.
NOTE: ★Award of the 3-skill level without a completed investigation is authorized provided minimum of interim Tier 5 (Top-Secret) clearance has been granted according to DoDM 5200.01 - AFMAN 16-1405.

4. ***Specialty Shreds:**

Suffix	*Portion of AFS to Which Related*
D	Data Operations
P	★Software Engineer

AFSC 1D775, Craftsman
AFSC 1D755, Journeyman
AFSC 1D735, Apprentice
AFSC 1D715, Helper

★CYBERSECURITY
(Changed 31 Oct 25)

1. **Specialty Summary**: Cybersecurity secures, defends, and preserves data, network, net-centric capabilities, and other designated systems by ensuring appropriate security controls and measures are in place, and taking internal security actions to protect DoDIN systems to execute DAF operations. Performs risk management framework security determinations of fixed, deployed, and mobile information systems (IS) and telecommunications resources to monitor, evaluate, and maintain systems, policy, and procedures to protect clients, networks, data/voice systems, and databases from unauthorized activity. Identifies potential threats and manages resolution of communications security incidents. Enforces national, DoD and Air Force security policies and directives to ensure Confidentiality, Integrity, and Availability (CIA) of Information Systems (IS) resources. Operations include identifying, locating, and validating vulnerability mitigation to prevent the compromise of the communications, information, electromagnetic environment, or industrials systems through protective measures. Oversees and governs the overall cybersecurity program to include Information Security (INFOSEC), TEMPEST, Communications Security (COMSEC), Emissions Security (EMSEC), and Computer Security (COMPUSEC) programs. This includes access to system controls, monitoring, administration, and integration of cybersecurity into all aspects of engineering and acquisition of cyberspace capabilities. DCWF work roles associated with this specialty will be list in the Career Field Education and Training Plan (CFETP).

2. **Duty and Responsibilities:**
2.1. Conducts cybersecurity risk management framework assessments; ensures enterprise cybersecurity policies fully support all legal and regulatory requirements and ensures cybersecurity policies are applied in new and existing IS resources. Identifies cybersecurity weaknesses and provides recommendations for improvement. Monitors enterprise cybersecurity policy compliance and provides recommendations for effective implementation of IS security controls. Defends, protects, and secures mission networking environments and devices. Provides networked application resources by designing, configuring, installing, and managing data services, operating system, and server applications.
2.2. Evaluates and assists IS risk management activities. Makes periodic evaluation and assistance visits, notes discrepancies, and recommends corrective actions. Audits and enforces the compliance of cybersecurity procedures and investigates security-related incidents to include COMSEC incidents, classified message incidents, classified file incidents, classified data spillage, unauthorized device connections, and unauthorized network access. Develops and manages the cybersecurity program and monitors emerging security technologies and industry best practices while providing guidance to unit-level Information Assurance (IA) Officers. Employ countermeasures designed for the protection of confidentiality, integrity, availability, authentication, and non-repudiation of government information processed by AF IS's.
2.3. Responsible for cybersecurity risk management of national security systems during all phases of the IS life cycle through remanence security.
2.4. Integrates risk management framework tools with other IS functions to protect and defend IS resources. Advises cyber systems operations personnel and system administrators on known vulnerabilities and assists in developing mitigation and remediation strategies. Provides CIA by verifying cybersecurity controls are implemented in accordance with DoD and Air Force standards. Ensures appropriate administrative, physical, and technical safeguards are incorporated into all new and existing IS resources and protects IS resources from malicious activity.
2.5. Performs COMSEC management duties in accordance with national and DoD directives. Maintains accounting for all required physical and electronic cryptographic material. Issues cryptographic material to units COMSEC Responsible Officer (CRO). Provides guidance and training to appointed primary/alternate CRO. Conducts inspections to ensure COMSEC material is properly maintained and investigates and reports all COMSEC related incidents.
2.6. Performs TEMPEST duties in accordance with national and DoD TEMPEST standards. Denies unauthorized access to classified, and in some instances, unclassified information via compromising emanations within a controlled space through effective countermeasure application. Ensures all systems and devices comply with national and DoD EMSEC standards. Inspects classified work areas, provides guidelines and training, maintains area certifications, determines countermeasures; advises commanders on vulnerabilities, threats, and risks; and recommends practical courses of action.
2.7. Responsible for oversight or management of installation cybersecurity awareness programs. Promotes cybersecurity awareness through periodic training, visual aids, newsletters, or other dissemination methods in accordance with organizational requirements.
2.8. ★As part of the Warfighter Communications career field, performs IT project management duties to include managing, supervising, and performing planning and implementation activities. Manages implementation and project installation and ensures architecture, configuration, and integration conformity. Develops, plans, and integrates base communications systems. Serves as an advisor at meetings for facility design, military construction programs, and minor construction planning. Evaluates base comprehensive plan and civil engineering projects. Monitors the status of cyber or communications-related base civil engineer work requests. Performs mission review with customers. Controls, manages, and monitors project milestones and funding from inception to completion. Determines adequacy and

correctness of project packages and amendments. Monitors project status and completion actions. Manages and maintains system installation records, files, and indexes. Evaluates contracts, wartime, support, contingency and exercise plans to determine impact on manpower, equipment, and systems.

3. ★**Specialty Qualifications.**
3.1. Knowledge. Knowledge of the following is mandatory. IS resources; capabilities, functions and technical methods for IS operations; organization and functions of networked IS resources; communications-computer flows, operations and logic of electromechanical and electronics IS and their components, techniques for solving IS operations problems; and IS resources security procedures and programs including Internet Protocols.
3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Additional courses or certifications in computer and information systems technology are desirable. Any network or computing commercial certification is desirable.
3.3. ★Training. For award of the AFSC 1D735, completion of Cyber Surety initial skills course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1D755. Qualification in and possession of AFSC 1D735. Experience performing cybersecurity functions and/or activities.
3.4.2. 1D775. Qualification in and possession of AFSC 1D755. Experience supervising cybersecurity functions and/or activities or resource and project management.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty, see attachment 4 for entry requirements.
3.5.2. For award and retention of this AFSC:
3.5.2.1. ★Individual must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and DAFMAN17-1301, Computer Security.
3.5.2.2. Specialty routinely requires work in the networking environment.
3.5.2.3. ★Must obtain or meet DoD Cyber Workforce qualifications based on approved cyberspace requirements applicable for cyberspace tasks required for any position held IAW DoDM 8140.03, *Cyberspace Workforce Qualification and Management Program*, and DAFMAN 17-1305, *DAF Cyberspace Workforce Management Program.*
3.5.2.4. Specialty requires routine access to Top Secret material or similar environment.
3.5.2.5. Completion of a current Tier 5 (T5) background investigation according to AFMAN 16-1405, Personnel Security Program Management, is mandatory.
3.5.2.6. Must maintain a Top-Secret clearance for retention of this AFSC.

NOTE: Award of the 3-skill level without a completed T5 investigation is authorized provided an interim Top-Secret security clearance has been granted according to AFMAN 16-1405

CEM Code 1H000
AFSC 1H091, Superintendent
AFSC 1H071, Craftsman
AFSC 1H051, Journeyman
AFSC 1H031, Apprentice
AFSC 1H011, Helper

AEROSPACE PHYSIOLOGY
(Established 31 Oct 23)

1. **Specialty Summary.** Manages physiological functions and activities. Performs in-flight duties as a Non-Career Enlisted Aviator (non-CEA). Performs aircrew functions and other mission specific qualification in-flight duties to include the airdrop of personnel and equipment/cargo. Operates and monitors aircrew breathing and personnel oxygen systems. Develops a thorough understanding of Human Factors principles and fundamentals, analytic methods and techniques, performance processes, system design, sensation and perception, and cognitive psychology. Operates and maintains aerospace physiology training devices included but not limited to altitude chambers, spatial disorientation trainers, reduced oxygen breathing devices (ROBD), centrifuge, unaided night vision trainers, Hypoxia Familiarization Trainers, and Parachute Operations Hypoxia Familiarization Trainers. Instructs and observes personnel for physiological symptoms on simulated flights to altitude. Instructs in a classroom and manages Aerospace Physiology assets. Trains aviators and parachutists in subjects related to physiology, to human factors, and aviation safety. Other areas of responsibility include personal parachute program participation, Aerospace Physiology team training, High Altitude Intelligence Reconnaissance and Surveillance (HAISR) support program, and fighter aircrew acceleration Training. The hazards of high altitude and the dynamic mission and training environment demand a high degree of attention, focus, professionalism, knowledge, skill, discipline, coordination, and stress management to carry out related duties successfully and safely. Related DoD Occupational Subgroup: 132400.

2. **Duties and Responsibilities:**
2.1. **Academic Instructor:**
2.1.1. Conducts classroom, practical, and operational Training.
2.1.2. Plans, organizes, directs, and conducts Aerospace Physiology training functions.
2.1.3. Determines training schedules according to course control documents, directives, policies, and instructional principles.
2.1.4. Uses lecture, demonstration and performance, guided discussion, case study, and time and circumstance instructional methodology.
2.1.5. Provides instruction on the following subjects: Introduction to human factors in aviation, physiological effects of altitude, performance threats, physiology considerations of aircrew breathing systems, cabin pressurization and decompression, pressure breathing, vision, and unaided night vision, spatial disorientation, noise and vibration, principles of Crew Resource Management, attention management threats to Situational Awareness, acceleration, physiological considerations of aircraft egress, Barany chair, altitude chamber, and ROBD lecture.
2.1.6. Instructs students in use of oxygen masks, full-pressure suits, antigravity suites, flight clothing, emergency and portable oxygen systems, night-vision goggles, and other high altitude protection equipment.
2.1.7. Instructs and supervises students in fitting, adjusting, and maintaining breathing systems and other personal equipment, and use of oxygen regulators, and crew worn equipment.
2.1.8. Conducts lectures, discussions, and demonstrations to indoctrinate flying, parachuting and non-flying warfighters on physical and physiological stresses and human performance implications of military aviation, and worldwide deployment environments.
2.1.9. Administers tests on physiology topics covered in lectures and trainer indoctrination.
2.1.10. Emphasizes the application of human factors principles with real-world scenarios and environments.
2.1.11. Develops and implements programs designed to enhance safety, mission effectiveness, and provide just-in-time training to aircrew and support personnel on human performance/human factors issues.
2.1.12. Discusses physiological factors involved in acceleration, exposure to thermal burden, pressurized cabins and rapid decompression, high altitude escape, vision, theory of operation for night vision devices, sensory illusions, and various in-flight oxygen emergencies.
2.2. Non-Career Enlisted Aviator (non-CEA):
2.2.1. Establishes, supervises, and directs AP non-CEA training program.
2.2.2. Evaluates non-CEA activities ensuring compliance with technical manuals, regulations, and work standards.
2.2.3. Serves on or directs flight inspection teams to evaluate in-flight duties and operational programs.
2.2.4. Plans, organizes, and coordinates flight activities with flying organizations.
2.2.5. Directs standardization of physiological duties and ensures conformance with prescribed aircrew procedures.
2.2.6. Inspects and evaluates in-flight Aerospace Physiology activities.
2.2.7. Interprets and discusses evaluation findings and recommends action to correct deficiencies.
2.2.8. Advises organizational commander or staff agencies on status of physiological activities and adequacy of equipment.
2.2.9. Maintains universal aircraft qualification.
2.2.10. Primary Flight Duties:
2.2.10.1. Observe, evaluate, and assist with the unique physiological demands of the MWS.
2.2.10.2. Observe, evaluate, and assist with human factors/human performance challenges within the MWS and/or mission set.
2.2.10.3. Observe, evaluate, and assist with aircrew breathing systems and aircrew/MWS interface.

2.2.10.4. Provide Operational Safety, Suitability, and Effectiveness (OSS&E) lessons learned to existing aircrew training platforms and human systems integration.
2.2.11. Routinely accesses classified material in performance of duties.
2.2.12. Individuals selected for the AP career field, inherently volunteer to enter qualification training to perform in-flight duties in an aircraft as non-rated aircrew members.
2.3. **High Altitude Airdrop Mission Support (HAAMS):**
2.3.1. Conducts cargo and personnel airdrops according to directives.
2.3.2. Operates aircrew and parachutist breathing systems.
2.3.3. Monitors and treats aircrew and parachutists of signs and symptoms of physiological impairment
2.3.4. Deploys and supports alerts in support of worldwide HAAMS requirements.
2.3.5. Applies a thorough understanding of the physiological factors associated with high altitude airdrop operations.
2.4. **High Altitude Intelligence Surveillance and Reconnaissance (HAISR) Program Support:**
2.4.1. Applies a thorough understanding of the physical and physiological problems associated with a pressure suit including thermal 78 stress, body water balance, impaired circulation, fatigue, cramps, and general discomfort.
2.4.2. Applies a thorough understanding of the role of the pressure suit to provide protection against the vacuum of space, as well as heat, cold, and possible radiation exposure 81.
2.4.3. Operating self-regenerating oxygen supply capable of providing the pilot with a pressure suit seal and allowing for the removal of nitrogen in the human body to decrease the prevalence of Decompression Sickness 83.
2.4.4. Fits, inspects, operates, and maintains full pressure suits, and associated equipment and support associated flight operations.
2.4.5. Deploys and supports alerts in support of world-wide ISR requirements.
2.5. **Aviation Safety:**
2.5.1. Performs and assists in mishap investigations, prepares reports, and maintains records.
2.5.2. Gathers and analyzes mishap data, identifies causes, recommends corrective actions, and develops training to prevent future mishaps.
2.5.3. Performs/assists as human factors consultant for flight, occupational, weapon, and space mishap boards.
2.5.4. Interacts with flight medicine, wing safety and other base agencies as human factors consultant.
2.5.5. Utilizes the Air Force Safety Automated System (AFSAS) for promoting mishap prevention programs for all aviation assets and through the establishment of proactive aviation safety programs 94.
2.5.6. Utilizes the Sleep, Activity, Fatigue and Task Effectiveness- Fatigue Avoidance Scheduling Tool (SAFTE-FAST) for predicting fatigue in aircrew pairing, rosters, and day-of operations schedules 96
2.6. **Parachute Qualified Personnel:**
2.6.1. Serves as SME for emergency parachuting techniques in support of high altitude parachutists, Undergraduate Flying Training, and Aerospace Physiological Training program.
2.6.2. Performs static line and/or military free fall (MTF) duties.
2.6.3. Performs static line and/or MFF Jumpmaster duties.
2.7. **General AP Technician Duties:**
2.7.1. Schedules and operates altitude chambers to simulate changes in barometric pressure experienced in flying.
2.7.2. Performs hazardous duty as inside observer during hypobaric chamber flights to ensure student safety and training effectiveness.
2.7.3. Operates spatial disorientation devices to simulate sensory and visual misperceptions.
2.7.4. Operates centrifuge for aircrew Training.
2.7.5. Operates and maintains the reduced oxygen breathing device (ROBD).
2.7.6. Establishes routine storage, inspection, and maintenance procedures for aircrew flight equipment used by the physiology-training program.
2.7.7. Uses various types of test equipment to conduct reliability testing on aircrew breathing systems and oxygen regulators.
2.7.8. Observes students for signs of hypoxia, decompression sickness, and other physiological injury or illness.
2.7.9. Inspects and evaluates aerospace physiology equipment and procedural activities.
2.8. **Staff Functions:**
2.8.1. May function at HAF- MAJCOM, or FOA staff (including but not limited to, Operations, Safety, Human Systems Integration, etc.) in variety of functions (e.g., Air Force Career Field Manager, Force Development Manager AP, Force Manager AP Policy and Programs, Force Manager AP Operations, MAJCOM Functional Manager). Coordinates and manages AP program actions at Air Staff, MAJCOM, and FOA level.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of anatomy and physiology, and knowledge on the physiological effects of flight is highly desirable.
3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Additional courses in Science, Technology, Engineering, and Mathematics (STEM) are desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. **AFSC 1H031:**
3.3.1.1. Completion of the Aircrew Fundamentals Course (L3AQR1H011 00AB)
3.3.1.2. Completion of the Aerospace Physiology Apprentice Course (L3ABP1H031 00AB)

3.3.1.3. Completion of S-V85-A (Emergency Parachute and Water Survival Training)
3.3.1.4. Completion of S-V97-A (Advanced SERE Skills Training)
NOTE: S-V88-AL (Evasion and Conduct After Capture is a suitable substitute if, S-V97-A is not available)
3.3.2. **AFSC 1H051. Qualification in and possession of AFSC 1H031.**
3.3.2.1. Completion of the High-Altitude Airdrop Mission Support (HAAMS) course
3.3.2.2. Completion of the USAF NVG Academic Instructor Course (NVGAIC)
3.3.2.3. Minimum 6-flying hours while in UGT
3.3.3. **AFSC 1H071. Qualification in and possession of AFSC 1H051:**
3.3.3.1. Completion of the Aerospace Physiology Craftsman Course (L3ACP1H071 00AB)
3.3.3.2. Completion of the Mishap Investigation Non-Aviation Course (MINA/WCIP059)
3.3.3.3. Completion of the Aircraft Mishap Investigation Course (AMIC/WCIP05A)
3.3.4. **AFSC 1H091. Qualification in and possession of AFSC 1H071:**
3.3.4.1. Completion of MAJCOM Functional Manager course
3.3.4.2. Completion of Flight Chief course
3.3.4.3. Qualification in and possession of AFSC 1H071, and 7-years' experience in AFS.
3.4. **Other**. The following is mandatory as indicated:
3.4.1. For Entry into this specialty: **SEE ATTACHEMENT 4 FOR ENTRY REQUIREMENTS**.
3.4.2. Must meet Physical qualification for non-rated enlisted positions in accordance with DAFMAN 48-123, *Medical Examinations and Standards*, Initial Flying Class III (IFCIII) flight qualification exam. ***EXCEPTION***: The unit shall coordinate with Air Force Career Field Manager, 1H0X1 to conduct a retention determination for fully qualified 1H0X1 personnel who no longer meet Flying Class III requirements.
3.4.3. Must meet depth perception requirements as defined in DAFMAN 48-123.
3.4.4. Qualification for aviation service according to AFMAN 11-402, *Aviation and Parachutist Service*.
3.4.5. Members assigned to "X" prefix authorizations will maintain physical qualifications as non-career enlisted aviator according to AFMAN 48-123.
3.4.6. Members assigned to "J" prefix authorizations will maintain physical qualifications as parachutist according to DAFMAN 48-123.
3.4.7. All parachutists will maintain qualifications and currency requirements IAW AFMAN 10-3503, Personnel Parachute Program.
3.4.8. Must maintain eligibility to deploy and mobilize worldwide.
3.4.9. Must meet height requirements in accordance with DAFMAN 48-123.
3.4.10. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
3.4.11. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments.
3.4.12. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program*. ***NOTE***: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16-1405.

INTELLIGENCE CAREER FIELD (1N)

Introduction

The Intelligence Career Field encompasses functions involved in collecting, producing, and distributing data that have strategic, tactical, or technical value from an intelligence viewpoint. This field includes functions necessary to maintain information security and language translation and interpretation.

Excluded from this career field are functions of collecting, collating, interpreting, and distributing general information of primary concern to other career fields. These functions are contained in the specific career field concerned.

CEM Code 1N000

INTELLIGENCE
(Changed 31 Oct 21)

1. **Specialty Summary.** Leads and supervises functions and activities associated with the collection, processing, exploitation, analysis, dissemination, and production of all-source intelligence. Related DoD Occupational Subgroups: 123100, 123200, 123300, 124100, 124200, 124300 and 155600.

2. **Duties and Responsibilities.**
2.1. Manages intelligence analysis functions and activities in all domains. Oversees efforts to collect, exploit, develop, and produce intelligence information for dissemination to key leadership and consumers across the US Intelligence Community and foreign partners.
2.2. Directs, plans, and organizes analytical activities in support of Air Force, Joint, and Coalition intelligence, surveillance, and reconnaissance (ISR) operations to support strategic, operational, and tactical requirements. Realigns mission priorities to support changing requirements. Recommends new processes and procedures to enhance mission effectiveness.
2.3. Manages analysis and production activities. Assigns projects to subordinates and establishes work priorities. Develops and evaluates analytical processes and techniques. Oversees intelligence reporting efforts to ensure compliance with established guidelines and procedures.

3. **Specialty Qualifications.**
3.1. Knowledge. Knowledge is mandatory of principles, policies, and procedures in Air Force intelligence specialties.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. For award of CEM 1N000, qualification in and possession of AFSC 1N092 or 1N292 is mandatory. Also, experience managing intelligence, surveillance, and reconnaissance personnel, activities and programs as required.
3.5. Other. The following mandatory is indicated:
3.5.1. For award and retention of these AFSCs:
3.5.1.1. When required for a current or future assignment, must successfully complete and pass a Counter-Intelligence (CI) polygraph examination and meet all customer access eligibility requirements. Airmen unable to access mission, systems, and/or facilities after 12 months of investigation/security screening will be considered for change of assignment, separation, or retirement.
3.5.1.2. Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, Computer Security.
3.5.1.3. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, Air Force Personnel Security Program, is mandatory.

AFSC 1N071, Craftsman
AFSC 1N051, Journeyman
AFSC 1N031, Apprentice
AFSC 1N011, Helper

ALL SOURCE INTELLIGENCE ANALYST
(Changed 30 Apr 24)

1. **Specialty Summary.** Performs/manages intelligence activities/functions including discovering, developing, evaluating, and providing intelligence information. Related DoD Occupational Subgroup: 124300.

2. **Duties and Responsibilities:**
2.1. Supports all aspects of Air Force operations by discovering, collating, analyzing, evaluating, and disseminating intelligence information. Produces all-source intelligence, situation estimates, adversarial nation, terrorist, insurgent threat studies, and other intelligence reports and studies. Advises commanders on force protection and intelligence information for US and Partner Nations. Conducts intelligence debriefings of US and allied military personnel involved in combat operations. Prepares mission reports.
2.2. Conducts intelligence Training. Instructs military personnel on collecting and reporting requirements and procedures, recognition techniques, and assessing offensive and defensive weapon system capabilities. Assists SERE (Survival Evasion Resistance and Escape) and Aircrew Flight Equipment personnel in training personnel recovery and code of conduct, when necessary. Collates intelligence and operations materials, and assembles final products for mission briefing, study, and use.
2.3. Produces intelligence materials. Prepares, maintains, and presents intelligence displays, reports, and briefings. Discovers, compiles, evaluates, researches, analyzes, and disseminates intelligence information. Establishes intelligence collection requirements. Identifies and establishes unit requirements for intelligence reference materials and maintains intelligence reference files and automated intelligence databases. Uses intelligence automated data systems to store, retrieve, display, and report intelligence information.
2.4. Performs support to mission planning and execution. Provides tailored collections planning, threat analysis, and intelligence expertise necessary to develop detailed mission plans for air, space, cyberspace, and special operations. Provides current situational awareness and Intelligence, Surveillance and Reconnaissance (ISR) management for the accomplishment of the Air Tasking Order (ATO), Integrated Tasking Order (ITO), Cyber Tasking Order (CTO) or Space Tasking Order (STO). Analyzes intelligence to support military operations. Assists in the performance of, targeting functions to include target development, weaponeering, force application, mission planning, and combat assessment.
2.5. Support to Force Protection (FP). Provides FP intelligence support to commanders and their staffs through all source intelligence products and briefings, focusing on human threat capabilities, tactics, trends, courses of action and ongoing threats in the unit's Area of Interest or Area of Responsibility. Analyzes incoming intelligence for FP value and impact. Ensures FP is addressed in current intelligence briefings, pre-mission, and pre-deployment briefings. Provides guidance for unit-level FP-related intelligence external and internal Training. Participates in the installation-level Threat Working Group (TWG). Develops realistic human threat scenarios for exercises. Responsible for providing FP for at-home, in-transit, and deployed units.
2.6. Processes, exploits, and disseminates intelligence products and conducts analysis concerning threat countries or targets of interest via written and/or verbal means. These products provide specificity and knowledge to commanders and national leaders to impact tactical through strategic level decision making processes.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: intelligence organizations and systems; collection and reporting systems, procedures, and methods; intelligence information sources; techniques of identifying, collating, evaluating, and analyzing information; geographical and cultural aspects of foreign countries; current military capabilities and employment tactics of potential enemy offensive and defensive weapon systems; special operations forces tactics; techniques and procedures, and associated equipment, procedures for acquiring, updating, and maintaining intelligence documents, maps, and charts; maps and charts use techniques; graphic, oral, and written intelligence presentation; support to targeting; capabilities and application of respective computer systems; security classification marking and control; US sensor systems; regional physical characteristics relative to radar significance; basic electromagnetic theory; and digital terrain and feature databases.
3.2. Education. For entry into this specialty, completion of high school or General Education Development equivalency, with courses in speech, journalism, critical thinking, geography, modern world history, statistics, algebra, and geometry are desirable.
3.3. Training. For award of AFSC 1N031, completion of the All Source Intelligence Apprentice Course is mandatory.
3.3.1. For US Space Force, completion of the All Sourced Intelligence Apprentice Course and Space Warfighter Intelligence Formal Unit is mandatory until replaced by new courses as determined by US Space Force.
3.4. Experience. The following experience is mandatory for award of AFSC indicated:
3.4.1. 1N051. Qualification in and possession of AFSC 1N031.
3.4.2. 1N071. Qualification in and possession of AFSC 1N051.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. No speech disorders or noticeable communications deficiencies as defined by AFI 48-123, *Medical Examinations and Standards*.

3.5.1.2. A minimum score of G53 and PSM 26 on the 1N0X1 Tailored Adaptive Personality Assessment System (TAPAS)/Armed Services Vocational Aptitude Battery (ASVAB) predictive success model (PSM) or a standalone score of G55 is required.
3.5.1.3. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of AFSC 1N0X1:
3.5.2.1. When required for a current or future assignment, must successfully complete a Counter- Intelligence (CI) polygraph examination and meet all customer access eligibility requirements. Airmen unable to access mission, systems and/or facilities after 12 months of investigation/security screening should be considered for change of assignment, retraining or separation.
3.5.2.2. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management Systems* and AFMAN 17-1301, *Computer Security.*
3.5.2.3. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.
3.5.3. For award and retention of AFSCs 1N031, 1N051, and 1N071:
3.5.3.1. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Initial attendance in 1N0X1 AFSC awarding course without a completed T5 investigation is authorized provided interim T5 eligibility has been granted IAW Intelligence Community Directive (ICD) 704. Airmen who cannot obtain at least an interim T5 for programmed class-start are not eligible for entry into the AFSC.

AFSC 1N092, Superintendent

INTELLIGENCE SUPERINTENDENT
(Established 31 Oct 21)

1. **Specialty Summary.** Supervises and directs intelligence activities associated with the collection, analysis, production, and dissemination of intelligence. Related DoD Occupational Subgroups: 124100, 124200, and 124300.

2. **Duties and Responsibilities:**
2.1. Manages intelligence analysis functions and activities in all domains. Oversees efforts to collect, exploit, develop, and produce intelligence information for dissemination to key leadership and consumers across the US Intelligence Community and foreign partners.
2.2. Directs, plans, and organizes analytical activities in support of Air Force, Joint, and Coalition intelligence, surveillance, and reconnaissance (ISR) operations to support strategic, operational, and tactical requirements. Realigns mission priorities to support changing requirements. Recommends new processes and procedures to enhance mission effectiveness.
2.3. Manages analysis and production activities. Assigns projects to subordinates and establishes work priorities. Develops and evaluates analytical processes and techniques to facilitate target development. Oversees intelligence reporting efforts to ensure compliance with established guidelines and procedures.
2.4. Administers intelligence training programs for aircrew, security forces, explosive ordnance disposal, and others. Provides support to mission planning and execution. Manages personnel to ensure tailored collection planning, threat analysis, and intelligence expertise is readily available to develop detailed execution plans for multi-domain operations.
2.5. Supervises ISR Operations. Oversees the production and dissemination of intelligence materials. Establishes intelligence collection requirements. Provides current situational awareness and ISR management for execution of tasking orders. Oversees the management, supervision, and performance to targeting and human intelligence (HUMINT) operations.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of analytical techniques; directive for handling, disseminating, and safeguarding classified defense information; effective writing principles; intelligence organizations and systems; collection and reporting systems, procedures, and methods; intelligence information sources; geographical and cultural aspects of foreign countries; military capabilities/employment tactics of potential enemy offensive/defensive weapon systems; special operations; and Information Operations.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. Qualification in and possession of AFSC 1N071, 1N171A, 1N771, or 1N871 is mandatory.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC:
3.5.1.1. When required for a current or future assignment, must successfully complete and pass a Counter-Intelligence (CI) polygraph examination and meet all customer access eligibility requirements. Airmen unable to access mission, systems, and/or facilities after 12 months of investigation/security screening will be considered for change of assignment, retraining or separation.
3.5.1.2. Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, Computer Security.
3.5.1.3. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, Air Force Personnel Security Program, is mandatory.

CEM Code 1N000
AFSC 1N171*, Craftsman
AFSC 1N151*, Journeyman
AFSC 1N131*, Apprentice
AFSC 1N111*, Helper

GEOSPATIAL INTELLIGENCE (GEOINT)

(Changed 31 Oct 22)

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

2. **Duties and Responsibilities:**
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 traffic ability, 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.
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.
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 multisensor imagery and geospatial data to determine geographic coordinates, vertical and horizontal measurements of objects and surrounding terrain. Uses maps, charts, geodetic products, and multisensor imagery to determine distance, azimuth, and location of targets.
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 multisensor imagery and geospatial information derived intelligence briefings.
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.
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.
2.7. Processes, exploits, and disseminates intelligence products and conducts analysis concerning threat countries or targets of interest via written and/or verbal means. These products provide specificity and knowledge to commanders and national leaders to impact tactical through strategic level decision making processes.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: basic and advanced 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 collating, analyzing, and evaluating imagery intelligence; use of national geospatial data, information and intelligence data systems and the maps, charts, grid systems, and interpreting equipment to solve geospatial intelligence problems; mosaic construction; intelligence reference materials; fundamental mensuration techniques; distribution of geospatial intelligence; requirements for, and sources and uses of target and geospatial intelligence data; production of geospatial related target materials; and security controls, classifications, markings, and handling restrictions.
3.2. Education. Completion of high school with courses in mathematics, advanced English, and computer applications is desirable for entry into this specialty.
3.3. Training. For award of AFSC 1N131X, completion of a basic Geospatial Intelligence Apprentice course is mandatory.
3.3.1. For U.S. Space Force, completion of a basic Geospatial Intelligence Apprentice course and Space Warfighter Intelligence Formal Training Unit is mandatory until replaced by new courses as determined by U.S. Space Force.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1N151X. Qualification in and possession of AFSC 1N131X.
3.4.2. 1N171X. Qualification in and possession of AFSC 1N151X. Also, experience training or supervising exploitation team activities in support of geospatial intelligence production.

3.5. Other. The following are mandatory as indicated:
3.5.1. into this specialty:
3.5.1.1. Normal color vision as defined by correctly identifying at least 10 of 14 Pseudo-isochromatic Plates (PIP I) of one of the following tests: Ishihara, Dvorine, or the original version of the AO tests.
3.5.1.2. A minimum score of 48 is required on the 1N1X1A Tailored Adaptive Personality Assessment System (TAPAS)/Armed Services Vocational Aptitude Battery (ASVAB) predictive success model (PSM).
3.5.1.3. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of AFSC 1N1X1:
3.5.2.1. When required for a current or future assignment, must successfully complete a Counter- Intelligence (CI) polygraph examination and meet all customer access eligibility requirements. Airmen unable to access mission systems and/or facilities after 12 months of investigation/security screening will be considered for change of assignment, retraining, or separation.
3.5.2.2. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.3. Award and retention of AFSCs 1N1X1X:
3.5.3.1. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.
3.5.3.2. Require Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program.*
NOTE: Initial attendance in 1N1X1A AFSC awarding course without a completed T5 Investigation is authorized provided an interim T5 eligibility has been granted IAW DoDM 5200.02, AFMAN 16-1405. Airmen who cannot obtain at least an Interim T5 for programmed class-start are not eligible for entry into the AFSC.

4. ***Specialty Shredout:**

Suffix	***Portion of AFS to Which Related***
A	Imagery Analyst

NOTE: Shredout A is applicable to the 1-, 3-, 5-, and 7-skill levels only.

CEM 1N000
AFSC 1N292, Cryptologic Intelligence Superintendent

CRYPTOLOGIC INTELLIGENCE SUPERINTENDENT
(Changed 31 Oct 21)

1. **Specialty Summary.** Supervises and directs Cryptologic and Computer Network Operations (CNO) Intelligence activities. Related DoD Occupational Subgroup: 123000, 12300, 123200, 124300.

2. **Duties and Responsibilities:**
2.1. Plans and organizes cryptologic and CNO activities. Designs and develops organizational charts to show lines of authority and placement of responsibilities for performance of functions. Develops production controls and standards. Improves procedures and work methods to ensure maximum efficiency of personnel use and operations. Estimates requirements for space, equipment, supplies, and facilities.
2.2. Develops, manages, reviews, and evaluates intelligence production processes. Ensures cryptologic and CNO exploitation activities are conducted in support of warfighter requirements. Additionally, satisfies national, strategic, operational, and tactical tasked objectives. Supports intelligence agencies including the National Security Agency, Defense Intelligence Agency, and National Reconnaissance Office.
2.3. Controls workflow, assigns projects to subordinates, and establishes work priorities. Ensures compliance with directives and policies. Supervises records and files maintenance. Realigns priorities to meet changing mission requirements. Plans and conducts briefings, conferences, and instruction relating to cryptologic and CNO Intelligence activities.
2.4. Inspects and evaluates cryptologic and CNO activities. Inspects operations to eliminate duplication of effort, ensure full coordination of related activities, and obtain maximum use of all available information. Interprets inspection findings and recommends corrective action. Recommends new processing methods and procedures.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: Signals Intelligence (SIGINT) activities; service cryptologic elements; national agencies and joint service relationships; data processing; reporting; collection and analysis systems; and missions and functions of cryptologic and CNO activities.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. Qualification in and possession of AFSC 1N271X, 1N371X, or 1N47XX is mandatory. Also, experience managing Cryptologic Intelligence and/or CNO personnel, activities, and programs is mandatory.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of these AFSC's:
3.5.1.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301*, Computer Security.*
3.5.1.2. When required for a current or pending assignment, must successfully complete and pass a Counter-Intelligence (CI) polygraph test and meet all customer access eligibility requirements. Airmen unable to access mission, systems and/or facilities after 12 months of investigation/security screening will be considered for retraining or separation.
3.5.1.3. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.
3.5.2. For award and retention of AFSC 1N292:
3.5.2.1. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.

AFSC 1N271*, Craftsman
AFSC 1N251*, Journeyman
AFSC 1N231*, Apprentice
AFSC 1N211*, Helper

SIGNALS INTELLIGENCE
(Changed 30 Apr 25)

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

2. **Duties and Responsibilities:**
2.1. Performs signals intelligence (SIGINT) activities and operations. Performs operator and analyst duties to exploit non-communication and communication intelligence production activities. Performs signals exploitation to support electromagnetic warfare (EW) and Information operations. Utilizes a wide range of complex analysis hardware and software to process signals, including receivers, demodulators, spectrum analyzers, and other associated computer equipment. Uses advanced computer software programs to manipulate and extract intelligence data from electromagnetic emissions. Operates computer terminals for data entry, query, data restructuring, and signals development. Interprets and renders preliminary analysis. Uses analytical aids and related reference material to help identify signals and detect abnormalities. Generates reports, incorporating analytical finds with intelligence information. Develops, manages, reviews, and evaluates intelligence production processes. Ensures signal exploitation activities are conducted in support of warfighter requirements and satisfies national and tactical tasked objectives. Supports intelligence agencies including the National Security Agency, Defense Intelligence Agency, and National Reconnaissance Office. Maintains databases of various signal types and activities using computer and hard copy products. Satisfies tasking managing resources for SIGINT activities. Notifies appropriate personnel and work centers of unusual activities or critical situations.
2.2. Collection and Processing. Collects, analyzes, and identifies communications/non-communication networks to identify various external signal parametrics and perform application of target identification for reporting vehicles updating national databases. Operates electronic search and related equipment. Search, monitor and exploit signal activity throughout the electromagnetic spectrum. Extracts electromagnetic emissions from real-time and recorded media, and performs technical and data analysis. Prepares and forwards media of selected transmissions. Plans, organizes, and directs signals exploitation activities.
2.3. Signals Analysis. Assembles operational and technical information on Communication Intelligence (COMINT), Foreign Instrumentation Intelligence (FISINT), and PROFORMA networks. Collects, display, analyze, demodulate, demultiplex, identify, and report communication signals and their users found in the radio frequency spectrum. Performs analysis and identification of known and unknown protocol and communication signals in support of Cyber Network Operations. Uses graphic and electronic analysis to determine internal and external characteristics of signals and to discern communications structures to extract intelligence and determine usage. Disseminates highly perishable information supporting Combatant Command/Theater/National requirements.
2.4. Electronic Intelligence. Assembles operational and technical information on Electronic Intelligence (ELINT), and ElectromagneticWarfare (EW). Collects, processes, analyzes, and identifies operational technical measurable and descriptive characteristics of electronic signals through collection and processing of non-communication signals; as related to radar, weapons, or platforms. Evaluates records, operator logs, formats technical reports, and data from other activities and correlates the activity with other intelligence sources. Plans, organizes, and directs electromagnetic signals exploitation activities. Disseminates highly perishable information supporting CCMD/Theater/National Requirements. Uses advanced computer software programs to manipulate and extract intelligence data from electromagnetic emissions updating national databases. Annotates and forwards operational and technical characteristics of selected transmissions or reportable information.
2.5. Processes, exploits, and disseminates SIGINT products and conducts analysis concerning threat countries or targets of interest via written and/or verbal means. These products provide specificity and knowledge to commanders and national leaders to impact tactical through strategic level decision making processes.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: intelligence and cryptologic support operations provided to commanders, service cryptologic elements, and national agencies; joint service relationships and operational concepts; tasking strategies; communications networks, radio wave propagation; modulation theory and techniques; radio communications procedures; operation of electronic equipment; functions and operations of electronic equipment; reporting formats and procedures; basic computer operations; directives for handling, distributing, and protecting defense information; and electronic principles applicable to signals collection and analysis; missions and functions of COMINT, ELINT, FISINT, PROFORMA, IO, and EW related to SIGINT operations.
3.2. Education. For entry into this specialty, completion of high school with courses in electronics, physics, algebra, trigonometry, and computers is desirable.
3.3. Training.
3.3.1. For award of AFSC 1N2X1A, completion of the Electronic Signals Intelligence course is mandatory.
3.3.1.1. For U.S. Space Force, completion of the Electronic Signals Intelligence course and Space Warfighter Intelligence Formal Training Unit is mandatory until replaced by new courses as determined by US Space Force.
3.3.2. For award of AFSC 1N2X1C, completion of the Signals Analysis Course is mandatory.

3.3.2.1.
3.3.2.2. For U.S. Space Force, completion of the Signals Analysis Course and Space Warfighter Intelligence Formal Training Unit is mandatory until replaced by new courses as determined by US Space Force.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1N251A. Qualification in and possession of AFSC 1N231A.
3.4.2. 1N251C. Qualification in and possession of AFSC 1N231C.
3.4.3. 1N271A. Qualification in and possession of AFSC 1N251A.
3.4.4. 1N271C. Qualification in and possession of AFSC 1N251C.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. See attachment 4 for additional requirements.
3.5.2. For award and retention of AFSC 1N2X1:
3.5.2.1. When required for a current or future assignment, must successfully complete and pass a Counter Intelligence (CI) polygraph test and meet all customer access eligibility requirements. Airmen unable to access mission, systems and/or facilities after12 months of investigation/security screening will be considered for retraining or separation.
3.5.2.2. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301*, Computer Security.*
3.5.3. For award and retention of AFSC 1N2XX:
3.5.3.1. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.
3.5.3.2. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Initial attendance in 1N2X1A/C AFSC awarding course without a completed T5 Investigation is authorized provided an interim T5 eligibility has been granted IAW DoDM 5200.02, AFMAN 16-1405. Airmen who cannot obtain at least an Interim T5 for programmed class-start are not eligible for entry into the AFSC. Award of the entry level without a completed T5 clearance is authorized provided an interim Top Secret/SCI eligibility has been granted by the DoD Central Adjudication Facility.

4. ***Specialty Shredouts:**

Suffix	***Portion of AFS to Which Related***
A	Electronic Non- Communications Analyst
C	Signals Analyst

AFSC 1N371*, Craftsman
AFSC 1N351*, Journeyman
AFSC 1N331*, Apprentice
AFSC 1N311, Helper

CRYPTOLOGIC LANGUAGE ANALYST
(Changed 30 Apr 24)

1. **Specialty Summary.** Employs foreign language skills to collect, transcribe, translate, analyze, and report intelligence information. Related DoD Occupational Subgroup: 123200.

2. **Duties and Responsibilities:**
2.1. Collection and Processing. Uses foreign language skills to search for, monitor, identify and process communications involving activities of interest. Identifies, tips, transcribes, translates, gists, and summarizes communications, incorporating and emphasizing essential elements of information to convey the meaning of an activity or a situation. Develops techniques to collect, identify, and exploit target communications. Employs knowledge of global communication technologies and communication methods to locate and develop targets.
2.2. Analysis and Production. Analyzes and reports intelligence information consumed by customers within the Air Force, Intelligence Community, DoD, US government, and foreign partners. Provides indications and warnings of adversarial intentions against US or allied interests. Identifies regional and cultural factors associated with activities of interest. Applies critical thinking and analytic methods to gather, evaluate, and synthesize data from multiple sources using language processing/analysis tools. Develops and maintains working aids and analytic references to ensure applicability and currency.
2.3. Processes, exploits, and disseminates intelligence products with threat country or target analysis via written and verbal means to bring threat country or target specificity to commanders and leaders to impact tactical through national decision making processes.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: a designated foreign language; global communication network technologies; global communication methods; collection and processing equipment; collection and analysis techniques; procedures for processing and distributing intelligence data; directives for handling, distributing, and safeguarding military information; tactics, techniques, and procedures of adversary forces; and organization of the national intelligence structure and customers.
3.2. Education. For entry into this specialty, prior foreign language education, training or experience is desirable, though not required.
3.3. Training. For award of AFSC 1N331X:
3.3.1. Documented foreign language proficiency of L2/R2 on the Defense Language Proficiency Test (DLPT) or Oral Proficiency Interview (OPI) equivalent score is mandatory.
3.3.2. Completion of a designated Cryptologic Language Analyst Initial Skills Course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1N351X. Qualification in and possession of respective AFSC 1N331X and experience performing cryptologic activities.
3.4.2. 1N371X. Qualification in and possession of respective AFSC 1N351X and experience performing or supervising cryptologic activities.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. No record or history of temporomandibular joint disorder or pain.
3.5.1.2. Must obtain minimum score of 62 on the Predictive Success Model (PSM) or demonstrated proficiency in a DoD-trained acquisition language with an L2/R2 or better on the DLPT or OPI equivalent for which accession was approved by AF Career Field Manager (e.g. DLI by-pass).
3.5.1.3. Prior Service, who previously held 1N3X1X AFS, and sister-service equivalent members must demonstrate at least L2/R2 on the DLPT within the past 12 months prior to accession.
3.5.1.4. Must maintain eligibility to deploy and mobilize worldwide.
3.5.1.5. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of AFSC 1N3X1X:
3.5.2.1. Demonstrated proficiency in a DoD-trained acquisition language with an L2/R2 or better on the DLPT or OPI equivalent for which accession was approved by CFM (e.g. DLI by-pass).
3.5.2.2. Ability to type at a rate of 25 words per minute.
3.5.2.3. When required for a current or pending assignment, must successfully complete a Counter- Intelligence (CI) polygraph examination and meet all customer access eligibility requirements. Airmen unable to access mission, systems and/or facilities after 12 months of investigation/security screening will be considered for retraining or separation.
3.5.3. For award and retention of these AFSCs,
3.5.3.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.3.2. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.
3.5.3.3. Completion and favorable adjudication of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.

NOTE: Award of the entry level without a completed T5 Investigation is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. *** Specialty Shredouts:**

Suffix	*Portion of AFS to Which Related*	*Suffix*	*Portion of AFS to Which Related*
F	Arabic	**J**	Spanish
G	Chinese	**K**	Persian
H	Korean	**M**	Pashto
I	Russian	**Z**	Divested Languages

NOTE: Shredouts are applicable to the 1-, 3-, 5- and 7- skill level only.

AFSC 1N471*, Craftsman
AFSC 1N451*, Journeyman
AFSC 1N431*, Apprentice
AFSC 1N411*, Helper

CYBER INTELLIGENCE
(Changed 31 Oct 23)

1. **Specialty Summary:** Responsible for discovering and analyzing computer network data, recognizing and assessing usable intelligence from a variety of sources, and influencing offensive and defensive cyber operations. Conducts research and analysis on potential cyber targets, including foreign nations, terrorist groups, and other entities that pose a threat to the United States. Develops offensive cyber operations to deny, degrade, disrupt, or destroy enemy networks and systems, including identifying vulnerabilities and developing exploit strategies. Ensures that all offensive cyber operations are conducted in accordance with applicable laws, regulations, and military rules of engagement. Conducts penetration testing and vulnerability assessments to identify potential weaknesses in Air Force networks and information or weapons systems. Cyber Intelligence Analysts assist and advise leaders across the Air Force, United States Cyber Command, the National Security Agency, and other partners within the Intelligence Community to plan, initiate, guide, and execute cyber operations. Related DoD Occupational Subgroups: 123200 and 124300.

2. **Duties and Responsibilities:**
2.1. General duties: Provides cyber intelligence planning and operations support to cyberspace and computer network operations. Supports analytical aspects of various Air Force and Joint intelligence, surveillance, and reconnaissance operations by collating, analyzing, evaluating, and disseminating cyber intelligence information. Produces cyber technical products to include target assessments, adversary studies of the cyberspace operational environment, situation reports, and other intelligence products as required. Utilizes all- source intelligence information to produce and present topical high-interest technical and operational intelligence briefings to all levels of command. Creates and maintains technical and operational databases using diverse computer hardware and software applications.
2.2. Computer Network Operations: Conducts global collection, exploitation, and signals analysis critical to cryptologic and cyber operations missions. Counters emerging target technologies and gains new access to adversary communications. Exploits and maintains access to worldwide networks. Delivers information in compliance with legal, policy, formatting, and timeliness requirements. Utilizes digital network analysis to conduct computer network exploitation operations on foreign targets that directly enable computer network defense of critical US systems and infrastructure. Provides projection of power capabilities to commanders across US major commands.
2.3. Cyberspace Operations: Provides key intelligence enabling offensive and defensive cyberspace operations for US Cyber Command. Conducts analysis of metadata, target analysis, and target research. Identifies target communications within global networks and conducts target technology trends research. Performs global network analysis and mapping, to include technology, activities, and communications, in order to determine target traffic behavior patterns. Analyzes exploitation opportunities for information systems and infrastructure. Utilizes methods and applications of tools used for exploitation and analysis of computer systems and network vulnerabilities. Provides intelligence planning and operations support for target delivery, development, and reporting for cyberspace operations.
2.4. Intelligence Training Supporting Cyber Operations: Instructs military personnel on cyber intelligence collection, analysis, and reporting requirements and procedures. Collates intelligence and operations materials to impart proper tradecraft supporting air, space, and cyberspace signals intelligence analysis. Drives development of discovery and tradecraft to broadly enable cryptologic, DoD, and Air Force missions. Integrates information assurance, cyber, cryptologic authorities, and data to evolve development of tradecraft and generate measurable mission outcomes.
2.5. Processes, exploits, and disseminates intelligence products and conducts analysis concerning threat countries or targets of interest via written and/or verbal means. These products provide specificity and knowledge to commanders and national leaders to impact tactical through strategic level decision making processes.
2.6. Cyber Network Defense and Malware Analysis: Utilizes various analytical tools and techniques to identify and track potential cyber threats, malware, and malicious cyber actors. Collaborates with intelligence analysts, network defenders, and information technology professionals to ensure timely and accurate discovery and reporting of cyber threats to Department of Defense and Intelligence Community stakeholders

3. **Specialty Qualifications:**
3.1. Knowledge. Must gain and maintain knowledge of global communications procedures; analytical techniques; organization of the national intelligence structure; intelligence organizations and systems; Information Operations; organization of designated military forces; geography; collection and reporting, systems, principles, methods, and procedures; effective writing principles; oral and written intelligence information presentation; and directives for handling, disseminating, and safeguarding classified information.
3.2. Education. For entry into this specialty, completion of high school with courses in composition, speech, English, geography, world history, statistics, algebra, geometry, and computer applications is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 1N431A. Completion of the Digital Network Analysis Fundamentals course and Joint Cyber Analysis course.
3.3.1.1. For U.S. Space Force, completion of the Digital Network Analysis Fundamentals course, Joint Cyber Analysis course and Space Warfighter Intelligence Formal Training Unit is mandatory until replaced by new courses as determined by US Space Force.

3.4. Experience. The following experience is mandatory for award and retention of the AFSC indicated:
3.4.1. 1N451A. Qualification in and possession of AFSC 1N431A and experience performing cryptologic activities.
3.4.2. 1N471A. Qualification in and possession of AFSC 1N451A and experience performing or supervising cryptologic activities.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. No speech disorders or noticeable communications deficiencies as defined by AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. Must obtain a minimum score of 46 required on the Tailored Adaptive Personality Assessment System (TAPAS)/ Armed Services Vocational Aptitude Battery (ASVAB) selection model.
3.5.1.3. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of AFSC 1N4X1X, the following are mandatory:
3.5.2.1. When required for a current or pending assignment, must successfully complete and pass a Counter-Intelligence (CI) polygraph test and meet all customer access eligibility requirements. Airmen unable to access mission, systems and/or facilities after 12 months of investigation/security screening will be considered for retraining or separation.
3.5.2.2. Maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.3. 1N451A and 1N471A. Completion of the Joint Cyber Analysis course for RegAF (effective 1 Aug 2019 for Air Force Reserve component) airmen is mandatory for those in grades TSgt (E-6) and below with less than 15 years of time in service.
3.5.2.4. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.
3.5.2.5. Completion and favorable adjudication of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Initial attendance in 1N4X1A AFSC awarding course without a completed T5 clearance is authorized provided an interim T5 clearance eligibility has been granted IAW Intelligence Community Directive (ICD) 704. Airmen who cannot obtain at least an Interim T5 clearance for programmed class-start are not eligible for entry into the AFSC.

4. **Specialty Shredouts:**

Suffix	***Portion of AFS to Which Related***
A	Analyst

AFSC 1N472, Craftsman
AFSC 1N452, Journeyman
AFSC 1N432, Apprentice
AFSC 1N412, Helper

CRYPTOLOGIC ANALYST & REPORTER
(Established 31 Oct 21)

1. **Specialty Summary:** Performs and manages cryptologic intelligence analysis activities and functions in all domains. Analyzes and exploits intelligence information, develops targets, and provides situational awareness for operations personnel and key leadership. Conducts research and develops assessments of adversarial actions and intentions. Drafts and disseminates long-term and time-sensitive intelligence reports to consumers worldwide. Related DoD Occupational Subgroups: 123200 and 124300.

2. **Duties and Responsibilities:**
2.1. General Duties: Supports analytical aspects of various Air Force and Joint Intelligence, Surveillance, and Reconnaissance (ISR) operations by collating, analyzing, evaluating, and disseminating signals intelligence information. Analyzes, studies, researches, fuses, and correlates intelligence for strategic, operational, and tactical customers. Enables all-source intelligence, situation estimates, order- of-battle studies, and other intelligence reports and studies. Advises commanders on force protection and intelligence information for US and allied forces.
2.2. Cryptologic Analysis and Reporting: Analyzes, assesses, and prioritizes information obtained from intelligence collection efforts and synthesizes information to provide serialized intelligence reports to authorized recipients. Identifies, correlates, and fuses technical, geographical, and operational intelligence information. Authors time-sensitive intelligence reports in accordance with established guidelines to support decisions makers. Identifies and disseminates real-time threat warning information in support of DoD objectives.
2.3. Target Network Analysis: Conducts in-depth analysis of communications characteristics and target tactics, techniques, and procedures. Creates and maintains technical and operational databases using diverse computer hardware and software applications. Performs detailed analysis on target network communications for additional exploitation. Develops and employs techniques to collect, identify, and exploit target networks and operating characteristics.
2.4. Air Operations & Integration: Provides detailed support to contingency and deliberate planning processes. Operates mission-essential communications mediums to ensure threat warning capability. Utilizes all-source intelligence information to produce and present topical high-interest technical and operational intelligence briefings to all levels of command. Prepares target communication assessments, adversary order of battle studies, situation reports, and other intelligence reports as required. Produces, analyzes, studies, researches, fuses, and correlates intelligence for strategic, operational, and tactical customers. Provides target geopolitical and operational intelligence to national agencies and military command authorities. Provides analysis of Information Operations activities and reach-back cryptologic support to Air and Space Operations Centers and supported commanders. Executes near real-time intelligence support to sensitive reconnaissance missions. Provides multi-intelligence analysis of adversary tactics in support of Intelligence Preparation of the Operational Environment supporting Air Force training and tactics development.
2.5. Cryptologic Training Activities: Instructs military personnel on cryptologic collection, analysis, reporting requirements and procedures. Collates intelligence and operations materials to impart proper tradecraft supporting air, space, and cyberspace signals intelligence analysis. Drives development of tradecraft to broadly enable DoD missions. Integrates information assurance, cyber, cryptologic authorities, and data to evolve development of tradecraft and generate measurable mission outcomes.
2.6. Processes, exploits, and disseminates intelligence products and conducts analysis concerning threat countries or targets of interest via written and/or verbal means. These products provide specificity and knowledge to commanders and national leaders to impact tactical through strategic level decision making processes.

3. **Specialty Qualifications:**
3.1. Knowledge. Must gain and maintain knowledge of global communications procedures; analytical techniques; organization of the national intelligence structure; intelligence organizations and systems; Information Operations; organization of designated military forces; geography; collection and reporting, systems, principles, methods, and procedures; effective writing principles; oral and written intelligence information presentation; and directives for handling, disseminating, and safeguarding classified information.
3.2. Education. For entry into this specialty, completion of high school with courses in composition, speech, English, geography, world history, statistics, algebra, geometry, and computer applications is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 1N432. For award, completion of the Analysis and Production Apprentice courses.
3.3.2. For US Space Force, completion of the Analysis and Production Apprentice courses and Space Warfighter Intelligence Formal Training Unit is mandatory until replaced by new courses as determined by US Space Force.
3.4. Experience. The following experience is mandatory for award and retention of the AFSC indicated:
3.4.1. 1N452. Qualification in and possession of AFSC 1N432 and experience performing cryptologic activities.
3.4.2. 1N472. Qualification in and possession of AFSC 1N452 and experience performing or supervising cryptologic activities.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:

3.5.1.1. No speech disorders or noticeable communications deficiencies as defined by AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of AFSC 1N4X2, the following are mandatory:
3.5.2.1. When required for a current or pending assignment, must successfully complete and pass a Counter-Intelligence (CI) polygraph test and meet all customer access eligibility requirements. Airmen unable to access mission, systems and/or facilities after 12 months of investigation/security screening will be considered for retraining or separation.
3.5.2.2. Maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.3. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.
3.5.2.4. Completion and favorable adjudication of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Initial attendance in 1N4X2 AFSC awarding course without a completed T5 clearance is authorized provided an interim T5 clearance eligibility has been granted IAW Intelligence Community Directive (ICD) 704. Airmen who cannot obtain at least an Interim T5 clearance for programmed class-start are not eligible for entry into the AFSC.

CEM 1N000
AFSC 1N771, Craftsman
AFSC 1N731, Apprentice
AFSC 1N711, Helper

HUMAN INTELLIGENCE SPECIALIST
(Changed 31 Oct 23)

1. **Specialty Summary.** Retrain-In Only. Must be (S)Sgt or above to apply; SrA may be accepted on a case-by-case basis with approval from the 1N/9S ISR Career Field Manager (CFM). Collects and reports information obtained from human sources in response to intelligence requirements. Screens documents and open-source materials to identify potential source leads. Assesses and debriefs sources in English. Provides oversight of and supervises interviews or debriefings conducted in foreign languages. Performs controlled operations officer duties. Related DoD Occupational Subgroup: 124100.

2. **Duties and Responsibilities:**
2.1. **Conduct intelligence debriefing**. Debriefs human sources and conducts HUMIT operations to address intelligence requirements in compliance with US laws and polices. Assesses sources by examining biographical records and personal documents; and by assessing subject's demeanor, grade, apparent status, and other pertinent data. Evaluates source reliability and documents appropriately. Conducts in-depth debriefing under conditions ranging from peacetime through major conflict. Performs controlled operations officer duties, as required.
2.2. **Lead development**. Screens documents and open-source materials to identify source leads. Targets against validated human-source requirements. Contacts and assesses leads to determine value and validity of source information. Practices and applies appropriate security controls. Conducts coordination and deconfliction for source-related issues with interagency partners.
2.3. **Intelligence reporting**. Prepares Intelligence Information Reports (IIRs) and summaries from collected data citing specific requirements. Responds to intelligence community requirements. Appropriately disseminates IIRs to consumers, in accordance with intelligence community reporting guidelines and organizational standards. Publishes notices of intelligence potential and requests for requirements to alert the intelligence community on source availability and information. Assembles resulting source-directed requirements and performs in-depth debriefings, in response.
2.4. **Collection management**. Coordinates, validates, and maintains familiarity with intelligence requirements. Applies requirements to screenings, assessments, debriefings, and to any documents resulting from these activities. Develops/updates continuity book or database on current requirements. Works with sources within the guidance of the collection management system. Establishes and maintains an open channel of communication between the collector and the customer to ensure requirements are satisfied. Solicits feedback from consumers of reporting. Tracks production and evaluations of reporting; ensures reporting directly addresses agency or service-specific operational directives.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: Intelligence organizations and systems; collections and reporting systems, procedures, and methods; intelligence information sources; techniques of identifying, collating, evaluating and analyzing information; geographical and cultural aspects of foreign countries; domestic and foreign aircraft and weapons systems, military organizations, maps, signs and symbols; procedures for acquiring, updating and maintaining intelligence documents, maps and charts; techniques of interviewing and debriefing to obtain intelligence information, scientific detail; human personality characteristics, traits, habits, and behaviors; Air Force and DoD intelligence report writing and dissemination procedures and methods; security directives; appropriate practices for handling, disseminating and safeguarding military, intelligence, and political data; word processing software; and professional writing skills.
3.2. Education. For entry into this specialty, completion of high school or General Education Development equivalency is mandatory. Completion of courses in speech, journalism, critical thinking, effective writing, and college- level courses in English are highly desirable.
3.3. Training and Experience. The following formal training and/or experience is mandatory for the award of the AFSC indicated:
3.3.1. 1N731. For award of AFSC 1N731, successful completion of The Defense Strategic Debriefing Course (DSDC) and the ISR Fundamentals for HUMINT tech school are mandatory.
3.3.2. 1N771. For award of the AFSC 1N771, qualification in and possession of AFSC 1N731 for a minimum of 12 months and completion of the BASIC Career Development Program (CDP) are mandatory.
3.4. Other. The following are mandatory for entry into this specialty:
3.4.1. Ability to type 35 words per minute (wpm).
3.4.2. Ability to speak clearly and distinctly.
3.4.3. Ability to communicate effectively in writing.
3.4.4. A narrative autobiography outlining two specific achievements and why the member wants to retrain into the 1N7 AFS will be submitted with the retraining application. The autobiography will be no shorter than one page and no longer than three pages in length. ***NOTE***: This is not an Air Force biography and will not include a photograph.
3.4.5. An in-person or virtual interview with the 1N7 Deputy CFM or appointed member.
3.4.6. See attachment 4 of this directory for additional entry requirements.
3.4.7. Letter of Recommendation for current CC and Supervisor.
3.4.8. Last three EPRs.

3.4.9. Must have a minimum score of 65 in General on the Armed Forces Vocational Aptitude Battery (ASVAB) or a minimum score of 62 in General on the ASVAB plus a minimum score of 44 on the 1N7X1 Tailored Adaptive Personality Assessment System (TAPAS)/ASVAB predictive success model (PSM).
3.5. For entry, award, and retention of these AFSCs, the following are mandatory:
3.5.1. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.
3.5.2. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
3.5.3. When required for a current or pending assignment, must successfully complete and pass a counterintelligence (CI) polygraph examination and meet all customer access eligibility requirements. Airmen unable to access mission, systems and/or facilities after 12 months of investigation/security screening will be considered for change of assignment, retraining, or separation.
3.5.4. 3.5.4 Must maintain local network access IAW AFMANs 17-1201, User Responsibilities and Guidance for Information Systems and17- 1301, Computer Security.
***NOTE*:** A T5 investigation must be initiated within 10 business days of being notified of entry into the AFS. Award of the entry level without a completed T5 Investigation is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405. In order to attend the ISR Fundamentals for HUMIT tech school at Goodfellow AFB, Airman mist possess a valid TS/SCI entered into DISS from their losing unit. Retrainees start their T5 security investigation under their losing unit/CC.

CEM Code 1N000
AFSC 1N871, Craftsman
AFSC 1N851, Journeyman
AFSC 1N831, Apprentice
AFSC 1N811, Helper

TARGETING ANALYST
(Changed 31 Oct 24)

1. **Specialty Summary.** Manages, supervises, and performs targeting intelligence activities and functions including analyzing targets. In addition, develops targeting solutions and evaluates effects in support of planning and execution of an effects based approach to operations that achieves the commander's objectives. Related DoD Occupational Subgroup: 124200.

2. **Duties and Responsibilities:**
2.1. Supports Target System Analysis (TSA). Reviews how a functional target system works as a whole and analyzes the interactions between components. Takes a system-of-systems approach to look at interdependencies and vulnerabilities between systems as well as intra-system dependencies in order to maximize the effectiveness of target development. Develops all-source analytical products which identify target systems that have relevance to stated objectives, military importance, and priority of attack.
2.2. Performs Intermediate Target Development (ITD). Fully characterizes entities for Intelligence Community level vetting and validation. Determines functions and elements which enable enemy capabilities and/or actions, which are the focus of the commander's objectives and thus the source of the desired direct and cascading effects on the system. Develops products and databases information to support target development, vetting and validation.
2.3. Conducts and supports target list management (TLM). Composed of target vetting, validation, listing, nomination, and prioritization; Nominates and prioritizes targets to achieve the effects and objectives outlined in commander's guidance and are coordinated and de-conflicted with agencies and activities that might present a conflict with the proposed action.
2.4. Performs Advanced Target Development (ATD). Comprised of Weaponeering, Target Coordinate Mensuration (TCM), and Collateral Damage Estimation (CDE). Considers target vulnerability to quantify results of capabilities employment against prioritized targets to achieve desired effects. Determines precise weapon(s) placement, consequences and hazards presented by weapons effects. Makes recommendations on how to mitigate those effects in compliance with rules of engagement (ROE) and law of war (LOW).
2.5. Supports multi-domain mission planning. Verifies tasking details for weapons employment and collateral damage considerations in coordination with operators and the higher headquarters.
2.6. Conducts Combat Assessment (CA). Performs Battle Damage Assessment (BDA), Munitions Effectiveness Assessment (MEA), and Reattack recommendations. Estimates the achievement of the desired effects, based on physical, change, and/or functional damage assessment to enable target system assessment. Recommends changes to the methodology, tactics, weapon system, munitions, fusing, and/or weapon delivery parameters to increase force effectiveness. Determines any required follow-up actions, or indicates readiness to move on to new tasks in the path to achieving the overall JFC objectives.
2.7. Processes, exploits, and disseminates intelligence products and conducts analysis concerning threat countries or targets of interest via written and/or verbal means. These products provide specificity and knowledge to commanders and national leaders to impact tactical through strategic level decision making processes.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: basic imagery interpretation principles, techniques, and procedures for imagery exploitation; Air Force, DoD, and collection and reporting systems; techniques of identifying, collating, evaluating, and analyzing information; current military capabilities and employment tactics of potential enemy offensive and defensive weapon systems; basic electromagnetic theory; targeting methods and techniques; use of national geospatial data, information and intelligence data systems and the maps, charts, grid systems. Graphic, oral, and written intelligence presentation. Fundamental mensuration techniques; requirements for, and sources and uses of target and geospatial intelligence data; production of target materials; and security controls, classifications, markings, and handling restrictions.
3.2. Education. Completion of high school with courses in mathematics, advanced English, and computer applications is desirable for entry into this specialty.
3.3. Training. For award of AFSC 1N831, completion of the Targeting Analyst multi-course pipeline consisting of: the Targeting Analyst Course, the Target Coordinate Mensuration (TCM) Course, and the AFSC-awarding Collateral Damage Estimation (CDE) Course.
3.3.1. For US Space Force, completion of the Targeting Analyst multi-course pipeline consisting of: the Targeting Analyst Course, the Target Coordinate Mensuration (TCM) Course, and the AFSC-awarding Collateral Damage Estimation (CDE) Course as well as Geospatial-Intelligence Targeting Course and Space Warfighter Intelligence Formal Training Unit (SWIFTU) is mandatory until replaced by new courses as determined by US Space Force.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1N851. Qualification in and possession of AFSC 1N831.
3.4.2. 1N871. Qualification in and possession of AFSC 1N851.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:

3.5.1.1. Stereopsis (depth perception) acuity-required, determined by 40 seconds of arc near stereopsis or better.
3.5.1.2. A minimum score of 63 is required on the 1N8X1 Tailored Adaptive Personality Assessment System (TAPAS)/Armed Services Vocational Aptitude Battery (ASVAB) predictive success model (PSM). If PSM score unavailable G:67 may be used an alternative qualification standard.
3.5.1.3. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of AFSC 1N8X1:
3.5.2.1. When required for a current or pending assignment, must successfully complete and pass a Counter- Intelligence (CI) polygraph examination and meet all customer access eligibility requirements. Airmen unable to access mission, systems and/or facilities after 12 months of investigation/ security screening will be considered for change of assignment, retraining, or separation.
3.5.2.2. Must maintain local network access IAW AFMANs 17-1201, *User Responsibilities and Guidance for Information Systems* and 17-1301, *Computer Security.*
3.5.2.3. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.
3.5.2.4. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Initial attendance in 1N8X1AFSC awarding course without a completed T5 clearance is authorized provided an interim T5 eligibility has been granted IAW Intelligence Community Directive (ICD) 704. Airmen who cannot obtain at least an Interim T5 clearance for programmed class-start are not eligible for entry into the AFSC.

★AIRCREW FLIGHT EQUIPMENT CAREER FIELD (1P)

Introduction

(Changed 31 Oct 25)

The Aircrew Flight Equipment (AFE) career field encompasses functions that enhance aviator performance through the proper equipment integration between human and aircraft-linked or reliant systems. AFE personnel issue, fit, repair and maintain human-side flight equipment such as parachutes, helmets, oxygen equipment, anti-G garments, anti-exposure suits, aircrew ocular devices, survival kits, life preservers, life rafts, electronic communications, helmet mounted weapons integration devices, and Aircrew Chemical, Biological, Radiological, Nuclear (ACBRN) equipment and protective ensembles. Personnel also instruct aircrew on the proper use, care and individual responsibilities for aircrew flight equipment under normal, contingency, and contested (including CBRN) operations. Additionally, this career field maintains and establishes ACBRN mitigation process

CEM Code 1P000
AFSC 1P091, Superintendent
AFSC 1P071, Craftsman
AFSC 1P051, Journeyman
AFSC 1P031, Apprentice
AFSC 1P011, Helper

★AIRCREW FLIGHT EQUIPMENT
(Changed 31 Oct 25)

1. ★**Specialty Summary.** Directly supports aircraft generation, sortie production, and enables aircrew and special warfare operator performance through aircrew flight equipment and life- sustaining assets. Manages, performs, and schedules inspections, maintenance, fitting, and adjustments of assigned Aircrew Flight Equipment (AFE), Aircrew Chemical Biological Radiological Nuclear (ACBRN) equipment and associated components. Prepares, maintains, and monitors AFE operations IAW with applicable publications and directives. Prepares for response to chemical, biological, radiological, and nuclear weapons contamination and supervises and conducts Aircrew Contamination Control Area (ACCA) processing. Disassembles, assembles, inspects, fabricates, cleans, repairs, and packs aerospace weapon system and Air Force Special Warfare (AFSPECWAR) components such as floatation equipment, emergency evacuation systems, and parachutes. Schedules, supervises, and conducts ACBRN and aircrew continuation training. Related DoD Occupational Subgroup: 186000.

2. ★**Duties and Responsibilities:**
2.1. ★Inspects, maintains, packs, and adjusts AFE such as flight helmets, oxygen masks, parachutes, flotation devices, survival kits, helmet mounted devices, aircrew night vision and other ocular systems, anti-G garments, protective equipment, chemical biological protective ensembles, and other types of AFE and ACBRN systems. Repairs thermal radiation barriers, flotation equipment, and various parachutes. Evaluates problems and determines feasibility of repair or replacement related to inspecting rubber equipment and parachutes. Evaluates work orders for fabrication and repair of AFE.
2.2. ★Installs and removes aircraft-installed AFE, effectively accounting for all assets and serviceability status, to include inspection records and manufacturing details. Operates, maintains, and inspects machinery, test equipment, and tools. Performs operator maintenance and service inspections on shop equipment. Stores, handles, uses, and disposes of hazardous waste and materials based on environmental standards.
2.3. Requisitions, stores, forecasts, handles, and transports ammunition, aircrew survival pyrotechnic devices, and other explosives such as actuated cartridges.
2.4. Conducts aircrew continuation training; instructs aircrews on equipment use, operation, and capabilities. Conducts ACBRN training; instructs aircrew on ACBRN donning, doffing, and ACAA contamination mitigation procedures.
2.5. Plans, directs, organizes, and evaluates operational aspects such as equipment accountability, personnel reliability, mobility readiness, and other activities necessary to meet operational readiness. Maintains associated databases to ensure equipment accountability. Establishes performance standards, improves work methods, and advises on inspection, repair, and repack of aircrew flight equipment. Ensures serviceability based on required specifications and technical publications.
2.6. Prepares checklists and complies with operating instructions. Develops lesson plans for aircrew training, safety, and other required programs. Assigns, trains, and prepares AFE personnel for deployment. Procures, maintains, stores, and prepares equipment for deployment. Determines facilities, funding, and mobility of AFE assets to support operational taskings. Develops and submits budget requirements. Requisitions equipment and supplies. Maintains custodial files for accounts such as supply and equipment, munitions, and test, measurement, and diagnostic equipment. Obtains assistance from other agencies to support AFE programs.
2.7. ★Manages unit and staff agency AFE programs. Provides unit and staff agency assistance to subordinate units to ensure AFE planning, and training have been accomplished, and adherence to. Analyzes training and deficiencies to preventing wartime task degradation. Conducts quality assurance inspections to ensure compliance with policies and directives. Identifies and documents equipment and personnel training discrepancies and recommends corrective actions. Evaluates and critiques instructors' effectiveness, and ensures presentations are accurate and current. Advises and assists agencies whose functions affect AFE activities. Evaluates data involving equipment development and sustainment to resolve problems. Conducts aircraft mishap safety investigations and analysis where operator, aircrew-issued and aircraft-installed life-sustaining equipment is involved. Conducts assessments and provides operational risk analysis in matters affecting the AFE enterprise.
2.8. ★Establishes, coordinates, and distributes exposure and contamination mitigation procedures. Monitors associated requirements and procedures. Ensures assigned personnel take safety precautions. Prepares wartime and contingency response plans. Coordinates actions to ensure prompt response to enable and sustain operations in a chemical, biological, radiological, nuclear environment with minimal degradation of combat capability. Coordinates actions to continue and/or restore vital functions and operations. Prepares guidance annexes, appendices, supplements, and other supporting documents to support operations plans. Advises leadership on mission impact and recovery activities following an attack; coordinates ACCA requirements. Supervises contamination control operations teams.

3. ★**Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: Inspection and maintenance procedures; parachute construction; temperature and humidity effects on parachutes and other fabrics; characteristics of rubberized items; solvent, heat, and pressure effects on rubber; proper handling, use, and disposal of hazardous waste, materials, and pyrotechnics; aircrew flight and ACBRN equipment inspections, fitting, and maintenance procedures; supply procedures; principles of contamination control; related technical information, policies, procedures, techniques, and equipment; contingency planning, training, operations, equipment supply procedures, directives and policy; and conducting aircrew continuation and ACBRN Training.
3.2. ★Education. For entry into this specialty, completion of high school with courses in speech, general science, shop mechanics, and basic computer applications are desirable.
3.3. Training. For award of AFSC 1P0X1A/B, completion of a basic, suffix specific, aircrew flight equipment course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. ★1P051A/B. Qualification in and possession of AFSC 1P031A/B as well as experience in equipment inspections, instructing aircrew in continuation training and ACBRN procedures.
3.4.2. 1P071A/B. Qualification in and possession of AFSC 1P051A/B. Also, experience supervising and performing functions such as inspections, quality assurance, specialist training programs, and aircrew instruction.
3.4.3. ★1P091. Qualification in and possession of AFSC 1P071A/B. Also, experience managing and directing AFE operations and training functions as well as evaluating, planning, and organizing AFE readiness activities.
3.5. Other. The following qualifications are mandatory as indicated.
3.5.1. For entry into this specialty:
3.5.1.1. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Ground Transportation.*
3.5.1.2. See all items listed in Attachment 4 for entry requirements.
3.5.1.3. Passing color vision, as defined by correctly identifying at least 10 or 14 Ishihara Plates.
3.5.2. For entry, award, and retention of this specialty:
3.5.2.1. Ability to speak clearly and distinctly.
3.5.2.2. ★Distance and near visual acuity correctable to 20/20 in at least one eye.
3.5.2.3. No record of claustrophobia or claustrophobic tendencies.
3.5.3. ★For award and retention of these AFSCs, maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.4. Specialty requires routine access to Secret material or similar environment. For award and retention of AFSCs 1P0XX, completion of a current National Agency Check, Local Agency Checks and Credit (NACLC) according to DoDMAN5200.02_AFMAN 16-1405, *Air Force Personnel Security Program.*
NOTE: Award of the 3- skill level without completed NACLC is authorized provided an interim Secret security clearance has been granted according to DoDMAN5200.02_AFMAN 16-1405.
3.5.5 ★Cross Shredding must be approved by the AFSC 1P0X1 Career Field Manager (RegAF Only).

4. ★Specialty Shredouts:

Suffix	***Portion of AFS to Which Related***
A	Ejection Seat Aircraft
B	Non-Ejection Seat Aircraft

★***NOTE:*** Shredouts A and B are applicable at the 1-, 3-, 5- and 7- skill levels only.

SAFETY CAREER FIELD (1S)

Introduction

The Safety Career Field encompasses functions relating to safety education and engineering; contractor and construction safety; mishap investigation, and analysis and trends computations; operations and facilities evaluation, inspection, and survey; risk assessment; consultation with commanders, functional managers, supervisors, and employees; and safety education and awareness promotion at all levels.

CEM Code 1S000
AFSC 1S091, Superintendent
AFSC 1S071, Craftsman
AFSC 1S051, Journeyman
AFSC 1S031, Apprentice
AFSC 1S011, Helper

SAFETY
(Changed 31 Oct 23)

1. **Specialty Summary.** Manages and conducts safety programs. Plans, organizes, directs, and controls safety activities. Analyzes mishap causes and trends and assesses risk. Evaluates, inspects, and surveys areas and activities to eliminate mishap potentials. Conducts mishap investigations. Provides risk management consultation. Conducts safety Education. Related DoD Occupational Subgroup: 149300.

2. **Duties and Responsibilities:**
2.1. Plans, organizes, and directs safety activities. Develops policies and procedures for implementing and evaluating safety programs. Coordinates with staff activities and operational sections to ensure safety requirements are integrated into the organization program. Maintains close liaison with federal, state, municipal, and private agencies sharing common safety concerns. Establishes work priorities and maintains systems to effect accomplishment of program processes. Arranges for group meetings or individual instruction through coordination with commanders and supervisors.
2.2. Conducts and assists in managing safety programs. Evaluates safety program effectiveness. Coordinates with agencies and staff activities on safety related matters. Prepares and conducts briefings, meetings, training classes, and associated functions. Determines safety education requirements for groups or individuals. Develops training plans to ensure worker qualification and Training. Prepares and conducts training programs for collateral duty safety personnel.
2.3. Performs inspections, surveys, and program evaluations of areas and operations to identify mishap potentials and assess integration of risk management approach, safety equipment, and procedures. Performs periodic and special inspections of facilities, flightlines, maintenance, and industrial areas; missile launch complexes and support functions; munitions facilities and operations; and non- industrial and recreational areas. Operates motor vehicles to perform inspection and surveys. Reports findings, assigns risk assessment codes, recommends corrective actions, and conducts follow- up inspections. Participates in Hazardous Communication programs and other environmental programs. Reviews explosives quantity distance waivers and deviations, and processes hazardous air traffic reports.
2.4. Reviews purchase, service, and construction contracts. Prepares safety criteria. Reviews contract proposals, statements of work, local purchase orders, and work requests for inclusion of safety criteria. Participates in workload planning and preconstruction conferences, pre and post award meetings, and pre and final inspections.
2.5. Reviews engineering plans and drawings. Reviews base master plans and site plans affecting construction, airfield, and explosive safety criteria. Recommends revision in drawing or rearranging materials.
2.6. Performs and assists in mishap investigations, prepares reports, and maintains records. Gathers factual mishap data, identifies causes, and recommends corrective actions to prevent recurrence of a similar mishap. Maintains a follow-up system.
2.7. Analyzes mishap data. Performs trend analysis and recommends measures to correct unfavorable conditions or procedures.
2.8. Provides safety consultation to commanders, supervisors, and functional managers on technical directives, safety criteria, and operational techniques.
2.9. Conducts safety Education. Performs or assists in planning and scheduling safety education programs. Prepares or assists in preparing and distributing safety promotional and informative materials.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of fundamentals of safety education, public speaking, mishap prevention, human factors, industrial hygiene principles, industrial safety criteria, risk management, blueprint interpretation, mishap investigation techniques, methods of obtaining and distributing safety education materials, missile maintenance and servicing techniques, and the application of data automation to the safety function.
3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory.
3.3. Training. The following training is mandatory:
3.3.1. For award of AFSC 1S031, completion of Occupational Safety Apprentice course (L3ALR1S031 0S2C).
3.3.2. For award of AFSC 1S071, completion of the Safety Craftsman course (L3ACR1S071 0S2B), Mishap Investigation Non- Aviation (MINA_WCIP 059, PDS Code I9Q), and Pre-Craftsman Safety Course (PCSC_L6ANW1S071 00AA). PCSC must be completed no later than 7 days prior to the craftsman course (L3ACR1S071 0S2B).
3.3.3. For award of AFSC 1S091, completion of Safety Manager Course (SMC_ WCIP 05D, PDS Code EPF).
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1S051. Qualification in and possession of AFSC 1S031. Also, experience in functions such as conducting safety programs, assisting in performing inspections and investigations, training principles, or risk assessment techniques.
3.4.2. 1S071. Qualification in and possession of AFSC 1S051. Also, experience performing, or supervising functions related to safety activities.
3.4.3. 1S091. Qualification in and possession of AFSC 1S071. Also, experience managing safety activities and functions.

3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Prior qualification at the 5-skill level (3-skill level if no 5 level exists) in any AFSC.
3.5.1.2. Must complete an assessment period of no less than 3 duty days but no more than 7 duty days with the local Safety Office, on condition that travel to the local safety office does not require TDY funding and have a memorandum/recommendation letter from the Occupational Safety Manager, or designated representative, summarizing assessment activities. (**NOTE**: RegAF only). See AFI 91-202, Figure 14.1 for an example of the memorandum.
3.5.1.3. Ability to communicate effectively in writing.
3.5.1.4. Recommendation by unit commander.
3.5.1.5. Requires AF Career Field Manager approval for retraining (RegAF only).
3.5.1.6. Minimum grade E-4.
3.5.1.7. See attachment 4 for additional entry requirements.
3.5.2. For entry, award, and retention of these AFSCs:
3.5.2.1. Passing color vision, as defined by getting a 55 or better on the Cone Contrast Test (CCT), or, correctly identifying at least 10 of 14 Ishihara Plates (PIP). (CCT should be primary testing choice, but PIP is acceptable if CCT is not available at testing site.)
3.5.2.2. Never been convicted by a general, special, or summary courts-martial.
3.5.2.3. No record of acrophobia or claustrophobia.
3.5.2.4. No unresolved mental health issues (Including, but not limited to: failure to engage in help-seeking behaviors, a pattern of relapse in symptoms/illness, unwillingness, or inability to overcome mental health disorder, or history of prolonged absence from one's official duties due to mental health issues).
3.5.2.5. No medical conditions preventing prolonged standing, repetitive movements, walking up to one mile, or walking up and down stairs.
3.5.2.6. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
3.5.2.7. Must maintain a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.
3.5.3. For retention of these AFSCs, never been convicted by a civilian court of a Category 1, 2, or 3 offenses, nor exceeded the accepted number of Category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying.
***NOTE*:** Categories of offenses are described and listed in AFI 36-2002, Regular Air Force and Special Category Accessions, Uniform Guide List of Typical Offenses.

★SPECIAL WARFARE ENABLER CAREER FIELD (1T)

Introduction

(Changed 31 Oct 25)

The Special Warfare Enabler career field specialties within Special Warfare integrate with and accompany Special Warfare Career Field members (1Z) and teams to enable additional capabilities required for global access, precision strike, personnel recovery, command and control, and other multi-domain missions.

Special Warfare Enablers support the Joint Concept for Integrated Campaigning (JCIC) which include the competition continuum through armed conflict Air Force air power and enhance its lethality. They operate within the joint and combined force to build partnerships, develop asymmetric advantages, and engage the enemy inside its own region. They provide the connective tissue required to bind multiple domains; focusing the integration of air, space, cyber and land issues through the lens of airpower from the ground up and delivering distinctive capability and expertise in any operating environment with unequaled lethality, accuracy, responsiveness, flexibility, and persistence.

Special Warfare Enabler airmen may be employed alone or as part of a Special Warfare, Air Force, joint, interagency, or coalition force in support of Combatant Commander's objectives. They are capable of rapid deployment during day or night, to any environment, including permissive, hostile, denied, or politically and/or diplomatically sensitive locales. They operate in all eight geographic disciplines: Arctic, Coastal, Desert, Jungle, Mountain, Urban, Water and Captivity. They may operate under austere conditions for extended periods.

CEM Code 1T000
AFSC 1T091, Superintendent
AFSC 1T071, Craftsman
AFSC 1T051, Journeyman
AFSC 1T031, Apprentice
AFSC 1T011, Helper

★SURVIVAL, EVASION, RESISTANCE, ESCAPE (SERE) SPECIALIST
(Changed 31 Oct 25)

1. ★**Specialty Summary:** Experts in Survival, Evasion, Resistance, Escape (SERE) in support of personnel recovery (PR). Survives anywhere in the world and prepares others to do the same. Preserves combat airpower and joint lethality through the continuum of Personnel Recovery, Preparation, Planning, Execution, and Adaptation. Plans, performs, supervises, and leads SERE functions of preparation and execution to allow for mission planning, PR mission execution and application of airpower across the full spectrum of military operations in all geographic and environmental conditions. May be employed alone or as part of an Air Force, joint, interagency or coalition force in support of Combatant Commander's PR and access objectives. Prepares high risk of isolation personnel for SERE across the full range of military operations. Conducts preparation of the environment activities as part of a supporting or supported force to survey areas for evasion, recovery corridors, contact sites, cache site establishment, areas of interest and physical infrastructure. Provides positive control of recovery/contact sites and caches. Synchronizes joint, interagency, intergovernmental, multinational, and commercial (JIIM-C) efforts for full spectrum PR. Assesses and develops Partner Nation recovery capabilities through foreign internal defense (FID) security force assistance (SFA) and Building Partnership Capacity (BPC). Operates in the eight geographic disciplines of Arctic, Coastal, Desert, Jungle, Mountain, Urban, Water and Captivity, day, or night, to include friendly, denied, hostile, or sensitive areas. Related DoD Occupational Subgroup: 101200.

2. ★**Duties and Responsibilities:**
2.1. Deploys in support of operational requirements for theater and Joint Force Commanders as in-theater SERE and PR subject matters experts (SME) to support conventional and Nonconventional Assisted Recovery (NAR). Manages development and coordination of SERE and PR operations. Manages SERE programs including isolated personnel reports (ISOPREP), evasion plans of action (EPA), blood chits, evasion charts (EVC), and PR aids. Augments Joint Personnel Recovery Center (JPRC), Unconventional Assisted Recovery Coordination Center (UARCC) and all DoD Components Recovery Coordination Cells (PRCC) as SERE and PR SME.
2.2. ★Synchronizes JIIM-C efforts for full spectrum personnel recovery. Assesses and develops partner nation PR capabilities.
2.3. ★Plans, coordinates, and conducts Operational Preparation of the Environment (OPE) activities with operations and intelligence directorates of the DoD, external agencies, NATO, and coalition entities to develop and establish physical infrastructure to support areas for evasion, recovery corridors, contact sites, and potential cache sites.
2.4. Responsible for the verification and transmission of areas for evasion, recovery corridors, contact sites, areas of interest, potential cache sites and infrastructure.
2.5. ★Deploys into permissive, hostile, denied, or politically and/or diplomatically sensitive environments, and forward operating locations to participate in the full spectrum of military operations to include air expeditionary force, force projection, counterinsurgency (COIN), counter narcotic (CN), counterterrorism (CT), irregular warfare (IW), foreign internal defense (FID), unconventional warfare (UW), security force assistance (SFA), humanitarian assistance, noncombatant evacuation operations (NEO) and OPE as a part of supporting or supported force to enable full spectrum personnel recovery and global access.
2.6. Performs tactical mission planning and preparation. Understand special operations tactics, techniques, and procedures (TTP).
2.7. Plans, organizes, directs, and conducts SERE preparation activities. Designs and develops curriculum, functional structure, and procedures for SERE courses and programs. Determines training schedules according to course control documents, directives, policies, and instructional principles. Conducts classroom, laboratory, and operational training. Uses lecture, demonstration and performance, guided discussion, case study, and time and circumstance instructional methodology. Conducts training under conditions closely approximating actual SERE episodes.
2.8. Develops and implements SERE joint tactics, techniques, and procedures (JTTOP). Assists in developing theater PR infrastructure, CONOPS and recommends changes.
2.9. ★Instructs and performs static line, military free fall, and emergency parachuting techniques in support of premeditated jump programs, formal jump training, and Formal SERE Training and SERE Mission Preparation (SMP). Performs parachutist duties in support of approved DoD exercises. SERE Specialists are designated the AF subject matter experts for aircrew parachute egress in an operational environment, at home station or deployed.
2.10. Conducts Developmental Testing and Evaluation (D&TE) and Operational Testing and Evaluation (O&TE) on Guardian Angel and SERE/Aircrew equipment.
2.11. Coordinates SERE activities to support PR related exercises. Performs observer and controller duties for high-risk-of- isolation personnel to ensure safety of participants, appropriate learning outcomes, and documents lessons learned.
2.12. ★Inspects and evaluates SMP and PR operational support programs (PROS). Determines readiness and efficacy of equipment, supplies, and training aids. Ensures standardization and compliance with policies, directives, course control documents, RM procedures, operational guidance, and instructional methodology.

2.13. ★Performs and supervise self-contained underwater breathing apparatus (SCUBA) and water operations in support of Formal SERE training & SMP.

3. ★**Specialty Qualifications:**

3.1. ★Knowledge. Knowledge is mandatory of: The Code of Conduct; DoDI O-3002.05 , and U.S. Government policy for IP; global SERE and PR principles and JTTP; procedures for MAJCOM SERE program requirements; procedures for PR program management; JPRC, UARCC and PRCC roles and missions; cultural and sociopolitical considerations that affect PR; all aspects of premeditated and emergency parachuting procedures; providing for personal protection and sustenance; communication and signaling techniques; methods of vectoring recovery assets; escape and evasion TTP (rural and urban; apprehension avoidance (A2) and escape enhancements (E2); CBRNE (Chemical, Biological, Radiological/Nuclear, Explosive) survival skills; water survival TTP and dive physiology; psychology of survival; avoidance of hazardous terrain, rough land travel and emergency evacuation procedures for injured personnel; survival medicine; Tactical Combat Casualty Care (TCCC); Air Force Combatives Program (AFCP); land and water navigation and travel; special operations recovery teams and Assisted Recovery; caring for and using post-egress, recovery, and aircrew flight equipment; improvising and manufacturing clothing and equipment needed by an isolated person; lecture, demonstration and performance, guided discussion, time and circumstance, and role-play instructional methods and techniques; impact of international law on IP; conduct after capture concepts for war, governmental detention, and hostage environments including, but not limited to, resistance to exploitation, organization and communication, maintenance of psychological and physical health. Awarded the SERE Beret and Arch upon completion of 1T031 training requirement, unless waived.

3.2. ★**Training.** The following training is mandatory for award of the AFSC indicated:

3.2.1. 1T031. Completion of the following courses:

3.2.1.1. ★3-level tasks IAW 1T0X1 CFETP

3.2.1.2. ★SV70A; SERE Specialist Assessment and Selection (SSAS).

3.2.1.3. ★SV89A; SERE Specialist Training Indoctrination Course (SST-IC).

3.2.1.4. ★SV97A; Advanced SERE Training

3.2.1.5. ★SV98A: Long-Term Survival and Evasion Training

3.2.1.6. ★SV85A; Emergency Parachute and Water Survival Training

3.2.1.7. ★SV84A; Underwater Egress.

3.2.1.8. ★SV81A1; SERE Specialist Training Apprentice Course (SST-AC), Team Building/Stress Inoculation

3.2.1.9. ★SV81A2; SERE Specialist Training Apprentice Course (SST-AC), Core Skills

3.2.1.10. ★SV81A3; SERE Specialist Training Apprentice Course (SST-AC), Instructional Techniques Field

3.2.1.11. ★SV81A4; SERE Specialist Training Apprentice Course (SST-AC), Desert

3.2.1.12. ★SV81A5; SERE Specialist Training Apprentice Course (SST-AC), Coastal, Open Ocean

3.2.1.13. ★SV81A7; SERE Specialist Training Apprentice Course (SST-AC), Tropic

3.2.1.14. ★SV81A8; SERE Specialist Training Apprentice Course (SST-AC), Inland Water Survival

3.2.1.15. ★SV81A9; SERE Specialist Training Apprentice Course (SST-AC), Mountain Team Member

3.2.1.16. ★SV81A10; SERE Specialist Training Apprentice Course (SST-AC), Personnel Recovery

3.2.1.17. ★L5ABA1T031 0A7A; US Army Basic Airborne Course.

3.2.1.18. ★Air Force Combatives Program, Basic Instructor.

3.2.1.19. ★SERE 100.2 CBT (or equivalent)

3.2.1.20. ★Tactical Combat Casualty Care (TCCC), Tier 2.

3.2.2. ★1T051. Completion of the following:

3.2.2.1. ★5-level tasks IAW 1T0X1 CFETP

3.2.2.2. ★SV81C; SERE Specialist Journeyman Arctic Survival Training.

3.2.2.3. PR-102; Fundamentals of Personal Recovery (or CFM approved equivalent)

3.2.2.4. PR-296/297; Reintegration team Responsibilities/ PR Debriefing (or CFM approved equivalent)

3.2.2.5. PR 292, Personnel Recovery Execution (or CFM approved equivalent).

3.2.3. 1T071. Completion of the following courses:

3.2.3.1. ★SV81F; Survival, Evasion, Resistance, Escape (SERE) Craftsman Course.

3.2.3.2. ★7-level tasks IAW 1T0X1 CFETP

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

3.3.1. 1T051. Qualification in and possession of AFSC 1T031. Also, experience applying global SERE principles, procedures, techniques, and equipment; emergency parachuting procedures; survival medicine; rough land travel and evacuation procedures; land and water navigation and travel; use of post-egress survival and aircrew flight equipment; PR JTTP; escape and evasion techniques; combat communication, signaling, and recovery procedures; PR operations; survival in CBRNE contamination conditions; and conduct after capture during wartime, peacetime governmental detention, and hostage detention guidance including survival adaptations, communication, organization, resistance to exploitation, and escape TTPs.

3.3.2. 1T071. Qualification in and possession of AFSC 1T051. Also, experience in performing or supervising SERE operations and training activities.

3.3.3. 1T091. Qualification in and possession of AFSC 1T071. Also, experience in managing and directing SERE operations and training programs.

3.4. **Other.** The following are mandatory as indicated:
3.4.1. For entry into this specialty:
3.4.1.1. ★Completion of high school, or equivalent.
3.4.1.2. ★Must score a 55 or higher on the SERE 2-Factor Selection Model. Must maintain eligibility to deploy and mobilize worldwide.
3.4.1.3. ★Successful passing score of the SERE Initial Fitness Test (IFT) within 60 days of the enter of active duty (EAD) date or retraining class start date for Air Force Specialty Code 1T011.
3.4.1.4. ★Prior to attendance of SSAS (SV70A), applicants must meet medical standards for Special Warfare Airmen as outlined in DAFMAN 48-123, Medical Examinations and Standards, and the accompanying Medical Standards Directory (MSD), Special Warfare Airmen (SWA) column. Applicants must also meet medical standards for entry into required training that is provided by sister service schools (Army Airborne) as applicable for this AFSC.
3.4.1.5. Absence of any speech impediment and ability to read aloud and speak English clearly and distinctly.
3.4.1.6. Passing SERE color vision requirement, as defined the Air Force Medical Standards Directory; at minimum must identify vivid red and vivid green as projected by the ophthalmological projector or stereoscope vison testing.
3.4.1.7. ★Must complete the Minnesota Multiphasic Personality Inventory (MMPI) assessment.
3.4.1.8. ★Must undergo a standardized entry interview with any credentialed/privileged Mental Health provider.
3.4.1.9. ★For Guard and Reserve Non-Prior Service or Prior-Service Cross-trainees seeking SERE Specialist positions, In-Service Recruiters and impacted unit leadership teams must contact the respective Guard or Reserve SERE Specialist MAJCOM Functional Area Manager/Functional Area Manager (MFM/FAM) prior to candidate selection. This consultation is mandatory for training timelines, skill-level upgrade processes, and ensuring the unit can provide adequate support to the new hire.
3.4.1.10. See Attachment 4 for additional entry requirements.
3.4.2. <u>For retention of AFSC 1T051/71/91:</u>
3.4.2.1. ★Qualification in 5-level/7-Level IAW SERE CFETP.
3.4.2.2. ★Must maintain eligibility to deploy and mobilize worldwide.
3.4.2.3. ★Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment. For retention of AFSCs 1T0XX, completion of a current T3, according to DoDM 5200.02, AFMAN 16-1405, *Personnel Security Program Management,* is mandatory.
★***NOTE:*** Award of the entry level without a completed T3 is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16-1405.
3.4.2.4. ★SERE Specialists filling positions within staffs, command and control (C2) nodes, and Operational Unit Type Codes (UTC) require routine access to Tier 5 (T5) information systems, or similar classified environment.
3.4.2.5. ★For retention of this AFSC, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AIRCREW OPERATIONS CAREER FIELD (RPA) (1U)

Introduction

(Changed 31 Oct 20)

The Aircrew Operations Career Field (1U) encompass functions involved in program formulating, policy planning, inspecting, training, and directing, and performing combat and operations related to crew position activities and unit functionality, including Intelligence, Surveillance, and Reconnaissance (ISR), combat support, and training missions, pertinent to the enlisted primary aircrew activities listed below. These positions can be found on remotely-piloted aircraft or manned aircraft.

Employs manual and computer-assisted active and passive airborne-based sensor systems to acquire, track and monitor airborne, maritime, and ground objects.

Qualified operators perform operational procedures in accordance with all Special Instructions and the unified combatant Air Tasking Order.

Provides assistance to aircraft pilot with all aspects of aircraft employment.

Provides continuous monitoring of aircraft flight status, weapons during offensive air operations, and terminal weapons guidance.

CEM Code, 1U100
AFSC 1U191, Superintendent
AFSC 1U171, Craftsman
AFSC 1U151, Journeyman
AFSC 1U131, Apprentice
AFSC 1U111, Helper

REMOTELY PILOTED AIRCRAFT (RPA) PILOT

(Established 31 Oct 18, Changed 31 Oct 19)

1. **Specialty Summary.** Operates specialized mission aircraft and commands flight crews to accomplish reconnaissance, surveillance, and other missions. Operates mission equipment, systems, and electronic protection (EP) equipment. Pilots conduct operations and procedures IAW Special Instructions (SPINS), Air Tasking Orders (ATO) and Rules of Engagement (ROE). Pilots continually monitor aircraft and weapons systems status to ensure lethal and non-lethal application of airpower. Related DoD Occupational Group: 220100.

2. **Duties and Responsibilities:**
2.1. Plans and prepares for mission. Reviews mission tasking, intelligence, and weather information. Supervises mission planning, equipment configuration, and crew briefing. Ensures ground station and aircraft are preflighted, inspected, loaded, and equipped for mission.
2.2. Operates aircraft and commands crew. Operates aircraft controls and equipment. Performs, supervises, or directs navigation, Intelligence, Surveillance, and Reconnaissance (ISR), and weapons employment operations.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific Training. Develops and reviews instructional methods and procedures used in Initial Qualification Training (IQT), Upgrade Training (UGT), and Continuation Training (CT). Reviews training status and recommends remedial Training. Evaluates aircrew academic, simulation, and in-flight performances. Reviews trend analysis of flight evaluations to identify training deficiencies. Supervises subordinates during the performance of their duties. Reviews training status and arranges additional, remedial, and continuation Training. Conducts periodic inspections of aircrew operations and unit activities.
2.4. Develops plans and policies, monitors operations, and advises commanders. Plans and organizes apprentice/journeyman/craftsman activities Assists commanders and performs staff functions related to this specialty.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of theory of flight, air navigation, meteorology, flying directives, aircraft operating procedures, and mission tactics.
3.2. Education. For entry into this specialty, courses specializing in physical sciences, mathematics, administration, or management are desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For award of AFSC 1U131, completion of Air Force Undergraduate Remotely Piloted Aircraft Training (URT), completion of transition and operational training in the suffix specific aircraft.
3.4. Experience. For upgrade to AFSC, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.4.1. 1U151. Qualification in and possession of AFSC 1U131.
3.4.2. 1U171. Qualification in and possession of AFSC 1U151.
3.4.3. 1U191. Qualification in and possession of 1U171, and experience in managing RPA Operations.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry of this AFSC, the following are mandatory.
3.5.1.1. Minimum score of 10 on the Pilot Candidate Selection Method.
3.5.2. For award and retention of this AFSC:
3.5.2.1. Qualification for air vehicle operator duty according to AFI 48-123, *Medical Examinations and Standards.*
3.5.2.2. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Award of the entry level without a completed T5 Investigation is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.
3.5.3. For entry, award, and retention of AFSC 1U131/51/71/91/00,
3.5.3.1. Qualification for aviation service according to AFI 11- 402, Aviation and Parachutist Service, Aeronautical Ratings and Aviation Badges.
3.5.3.2. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.

4. **Specialty Shredouts:**

Suffix	*Primary Aircraft*
O	RQ-4
R	MQ-9

WEATHER CAREER FIELD (1W)
Introduction
(Changed 31 Oct 23)

Individuals in the Weather career field collect, analyze, predict, tailor, and integrate atmospheric weather and space environmental information, including forecasts of conditions, to provide decision-quality information on environmental impacts to Air Force, Army, Joint and Coalition operations. They operate meteorological equipment and employ weather software applications to interrogate current and forecast atmospheric and space weather conditions based on observations, terrestrial and space sensing instruments, weather radars, data, and imagery from geostationary and polar orbiting satellites, and forecast data provided by military, national, and international weather centers. Air Force weather personnel are attached or assigned to Air Force, Army, Joint, or coalition conventional and special operations at garrison and expeditionary locations worldwide. Qualified volunteers may perform airborne and special operations duty in this career field.

CEM Code 1W000
AFSC 1W091, Superintendent
AFSC 1W071, Craftsman
AFSC 1W051, Journeyman
AFSC 1W031, Apprentice
AFSC 1W011, Helper

WEATHER
(Changed 31 Oct 23)

1. **Specialty Summary.** Performs and manages the collection, analysis, and forecast of atmospheric weather and space environmental conditions to enable decision superiority and application of land, air, space, and cyberspace power across the full spectrum of military operations. Related DoD Occupational Subgroup: 142000.

2. **Duties and Responsibilities:**
2.1. Collect, analyze, and integrate atmospheric and space environmental information into military decision-making processes.
2.2. Observe, record, and transmit surface, upper air, and space environment observations.
2.3. Operate atmospheric and space-sensing instruments and computer workstations to interrogate data from weather radars, meteorological satellites, and products provided by military, national, and international weather agencies.
2.4. Use a detailed understanding of the atmosphere and space environment to translate raw data into decision-quality environmental information.
2.5. Issue advisories, watches, and warnings to alert users of dangerous, inclement, or operationally significant terrestrial and space weather events.
2.6. Understand war fighter tactics, techniques, and procedures to maximize air, space, cyberspace combat power. Utilizes weather tactics, techniques, and procedures to integrate weather information into the decision-making process at all levels to mitigate and exploit weather impact on operations.
2.7. Manage weather operations, ensure quality, and adapt resources to meet mission requirements.

3. **Specialty Qualifications.**
3.1. Knowledge. Knowledge of the following is mandatory: characteristics and principles of atmospheric weather and space environment; observation, analysis, prediction, and integration of weather and space environment information; operation and operator maintenance of fixed and deployable meteorological and space weather instruments and systems; operation and operator maintenance of communications and computer systems; use of weather products from operational and strategic centers; military weapons systems and decision-making processes; and combat field skills (ability to survive and operate on the battlefield and use of tactical equipment).
3.2. Education. For entry into this specialty, a high school diploma or equivalent is required. Courses in physics, chemistry, earth sciences, geography, computer sciences, and mathematics are desirable.
3.3. Training. The following training is mandatory for skill level upgrade.
3.3.1. 1W031. Completion of the Weather Forecaster Apprentice Course (Weather Initial Skills Course) E8ABR1W031 0A1C.
3.3.2. 1W051. Completion of 5-level Weather Journeyman Course (WJC) E6ANW1W051 00AA and all applicable UTC tasks as outlined in the CFETP.
3.3.3. 1W071. Completion of 7-level Weather Craftsman Course (WCC) E6ANW1W071 00AA and all applicable UTC tasks as outlined in the CFETP.
3.4. Experience. The following experience is for award of the AFSC indicated:
3.4.1. 1W051. Qualification in and possession of AFSC 1W031. Also, experience in collecting and analyzing atmospheric data, performing meteorological watch, preparing forecast products, and issuing weather watches, warnings, and advisories.
3.4.2. 1W071. Qualification in and possession of AFSC 1W051. Also, experience in managing weather integration into operations, determining observation criteria, preparing special support requests, scheduling personnel, providing technical leadership, and directing training and orientation of new personnel.
3.4.3. 1W091. Qualification in and possession of AFSC 1W071. Also, experience in tailoring unit capabilities, managing weather resources to meet mission requirements, coordinating with MAJCOM and Air Staff, and exploiting the enterprise level capabilities of the Weather career field to advance operational and strategic goals of the AF.
3.4.4. 1W000. Qualification in and possession of AFSC 1W091 and must be a CMSgt or CMSgt select.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into 1W0X1:
3.5.1.1. Ability to speak distinctly.
3.5.1.2. Visual acuity correctible to 20/20.
3.5.1.3. See attachment 4 for additional mandatory requirements for AFSC entry.
3.5.2. For award and retention of these AFSCs:
3.5.2.1. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment. Award and retention of AFSCs requires completion of a current T3 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program.*

3.5.2.2. Some assignments require routine access to Top Secret material or similar environment. For those assignments and position certification of AFSCs 1W0X1, completion of a current T5 Investigation formerly a Single Scope Background Investigation (SSBI) according to AFMAN 16-1405, *Air Force Personnel Security Program Management*, is mandatory.
3.5.2.3. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

NOTE 1: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to AFI 31-501, *Personnel Security Program*.
NOTE 2*:* Army Weather Support Course (E5OSA15W3 0A1A) is mandatory for weather operations in support of Army missions. ***NOTE 3***: Evasion and Conduct After Capture (ECAC) (S-V88-AL) is mandatory for weather operations in support of Army missions. ★***NOTE 4:*** Advanced Weather Management Course Part 1-3 (E6AAW1W071 0A1A, E6AAL1W071 0A2A, E3AAR1W071 0A3A) is mandatory for TSgts and MSgts assigned to and/or projected to assume Flight Chief, Detachment Chief, or Section Chief leadership positions.
NOTE 5: *Exception to policy for "experience" and award of AFSC will differ by unit. Approval/award of AFSC will lie directly with unit commander (paragraph 3.5).*

SPECIAL WARFARE CAREER FIELD (1Z)
Introduction
(Established 31 Oct 19)

The specialties included in the Special Warfare Career Field form the Air Force's premier ground maneuver element. The Airmen of Special Warfare are employed across the spectrum of conflict to extend Air Force air power and enhance its lethality. They operate within the Joint and Combined Force to build partnerships, develop asymmetric advantages, and engage the enemy inside its own region. They provide the connective tissue required to bind multiple domains; focusing the integration of air, space, cyber and land issues through the lens of airpower from the ground up and delivering distinctive capability and expertise in any operating environment with unequaled lethality, accuracy, responsiveness, flexibility, and persistence. This career field includes the functions and activities of global access, precision strike and personnel recovery.

Global access includes special operations designed to prepare the environment and establish physical or cyber access to forward battlespaces for intelligence, surveillance, and reconnaissance (ISR), forward air lodgment, proxy development, air infrastructural development, target development, and asymmetric effects to accomplish the supported commander’s tactical, operational, and strategic goals.

Precision strike encompasses terminal attack control, managing a variety of non-kinetic effects as well as kinetic fires from land, maritime and air based platforms to achieve the supported commander’s desired battlefield effects.

Personnel Recovery involves all efforts designed to recover and reintegrate any designated individuals who become isolated from friendly control. A significant subset of PR is performing the same actions for sensitive equipment that could be harmful to the United States, or our Allies should it fall in the wrong hands.

Special Warfare airmen may be employed alone or as part of a Special Warfare, Air Force, joint, interagency, or coalition force in support of Combatant Commander’s objectives. They are capable of rapid deployment during day or night, to any environment, including permissive, hostile, denied, or politically and/or diplomatically sensitive locales. They operate in all six geographic disciplines: mountain, desert, arctic, urban, jungle and water. The career field may operate under austere conditions for extended periods.

CEM Code 1Z100
AFSC 1Z191, Superintendent
AFSC 1Z171,Craftsman
AFSC 1Z151, Journeyman
AFSC 1Z131, Apprentice
AFSC 1Z111, Helper

★PARARESCUE
(Changed 31 Oct 25)

1. **Specialty Summary.** Performs, plans, leads, supervises, instructs, and evaluates Pararescue activities. Performs as the essential surface-to-air link in Personnel Recovery (PR) and materiel recovery by functioning as the technical rescue and recovery specialist on surface elements or as mission crew on flying status. Provides rapid response capability, special operations mission execution, and application of airpower across the full spectrum of military operations in all geographic and environmental conditions. May be employed alone or as part of an Air Force, joint, interagency, or coalition force in support of Combatant Commander's objectives. Capable of rapid deployment during day or night, to any environment, including permissive, hostile, denied, or politically and/or diplomatically sensitive locales. Operates in the six geographic disciplines: mountain, desert, arctic, urban, jungle and water. May operate under austere conditions for extended periods. Provides technical rescue, emergency medical care, and security. Moves recovered personnel and materiel to safety or friendly control when recovery by aircraft is not possible. Related DoD Occupational Subgroup: 105000.

2. ★**Duties and Responsibilities:**
2.1. Plans, coordinates, and conducts Personnel Recovery (PR). Recovers priority aerospace personnel and material. Provides assistance in and performs survival, evasion, resistance, and escape (SERE).
2.2. Plans, coordinates, and conducts technical rescue. Employs specialized equipment and Knowledge, Skills, and Abilities (KSA) to access and recover personnel and/or equipment from avalanche, alpine, confined space/structural collapse, high angle, swift water, and underwater environments.
2.3. Plans, coordinates, and conducts emergency medical care. Employs specialized equipment and KSAs to assess, diagnose, treat, stabilize, and transport patients with minor to immediate life threating illnesses and/or injuries.
2.4. ★Plans, coordinates, and conducts support to the National Aeronautics and Space Administration (NASA) and Human Space Flight Support (HSFS) in recovery of aerospace personnel and materiel. Guides recovery of priority NASA space materiel.
2.5. Performs tactical mission planning and preparation. Understands special operations tactics, techniques, and procedures. Studies operational mission requirements. Rehearses mission plan, makes reconnaissance, conducts briefs, and loads and configures employment vehicles/aircraft.
2.6. Deploys into permissive, hostile, denied, or politically and/or diplomatically sensitive environments, and forward operating locations by land (mounted, special purpose vehicle or dismounted), sea (surface or subsurface naval vessel, small watercraft, self-contained underwater breathing apparatus [SCUBA], or surface swim) or air (parachute, airmobile, air-land) to participate in the full spectrum of military operations to include air expeditionary force, force projection, direct action (DA), counterinsurgency (COIN), counter narcotic (CN), counterterrorism (CT), countering weapons of mass destruction(CWMD), foreign internal defense (FID), unconventional warfare (UW), security force assistance, humanitarian assistance, hostage rescue and recovery, personnel recovery (PR), noncombatant evacuation operations (NEO) and advanced force operations (AFO). Provides ground-to-air interface, keeping aircraft and monitoring authorities apprised of the status and requirements of the patient and mission.
2.7. Performs, supervises, and evaluates overt, low visibility, or clandestine movement, search, contact, and on- scene authentication in permissive, hostile, denied, or politically and/ or diplomatically land and water areas. Conducts discrete surface-to-air and surface electronic and visual communications and signaling activities. Maintains qualification on assigned primary, foreign, and crew served weaponry. Directs emergency close air support (ECAS). Provides reception for resupply operations.

3. ★**Specialty Qualifications:**
3.1. Knowledge and Capabilities. This specialty requires the successful completion of the 1Z1X1 Technical Training pipeline; knowledge of Air Force Special Warfare (AFSPECWAR) doctrine and implementation; technical recovery operations; emergency trauma and field medical care; mission planning and preparation; aircraft and load characteristics; infiltration and exfiltration; insertion and extraction; surface movement; objective area actions; debriefing and reporting; team leader actions; basic and advance parachuting; adverse terrain and mountain operations; SCUBA and water operations; NBC warfare defense; SERE; night vision devices; firearms and munitions; communications and signaling; photographic documentation; legal responsibilities and ethics; vehicle operations; security, occupational safety and health, administration, and publications; individual fitness; and equipment qualification, inspection, maintenance, and accountability.
3.2. Education. Not Used.
3.3. Training. For award of AFSC 1Z131, completion of the following courses is mandatory:
3.3.1. ★Special Warfare Assessment & Selection.
3.3.2. ★Special Warfare Pre-Dive.
3.3.3. ★Air Force Combat Dive.
3.3.4. ★SERE Level-C Training
3.3.5. ★USAF Underwater Egress Training (UET)

3.3.6. ★US Army Airborne Parachutist Course.
3.3.7. ★Military Freefall Parachutist.
3.3.8. ★Modernized Pararescue Provider Program (MP3). NOTE: Graduates of the legacy "Pararescue Emergency Medical Technician-Paramedic Course" or Special Operations – Advanced Tactical Practitioner (SO-ATP) meet this requirement. Modernized Pararescue Provider Program (MP3). NOTE: Graduates of the legacy "Pararescue Emergency Medical Technician-Paramedic Course" meet this requirement.
3.3.9. Pararescue Apprentice Course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 1Z151. Qualification in and possession of AFSC 1Z131. Also, experience performing Pararescue duties.
3.4.2. 1Z171. Qualification in and possession of AFSC 1Z151. Also, experience performing or supervising Pararescue duties.
3.4.3. 1Z191. Qualification in and possession of AFSC 1Z171. Also, experience performing or managing Pararescue functions as a Pararescue team leader.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Air National Guard (ANG) and Air Force Reserve Command (AFRC) Pararescue candidates must complete the ANG or ARFC "PJ ONE LEVEL PROGRAM" for selection consideration.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.1.3. The following are additionally mandatory for Active-Duty retraining and prior service candidates:
3.5.1.3.1. Successful completion of the AFSPECWAR Initial Fitness Test (IFT) within 60 days of EAD.
3.5.1.3.2. Grade of E-5 or below with less than 10 years Total Active Federal Military Service who has not been eliminated from an AFSPECWAR pipeline course within the last 24 months. Exceptions must be approved by the 1Z1 Career Field Functional Manager.
3.5.1.3.3. Current commander's written recommendation.
3.5.1.3.4. Completion of, and selection by the Pararescue Retraining Assessment (AD only, AFPC will provide requirements upon retraining approval, includes passing a second IFT within 60 days of course initial entry start date).
3.5.2. For entry, award, and retention of these AFSCs,
3.5.2.1. Meet qualification standards to bear firearms IAW AFI 31-177, *Arming and Use of Force by Air Force Personnel*, AFI 36-2654, Combat Arms Program, and AFMAN 36-2655, USAF Small Arms and Light Weapons Qualification Programs.
3.5.2.2. Meet physical qualification for Special Warfare as outlined in DAFMAN 48-123, *Medical Examinations and Standards,* and the accompanying Medical Standards Directory (MSD), Special Warfare column. Applicants must also meet physical qualifications for entry into sister service schools such as Army Jump, Freefall, and Navy Dive, as applicable.
3.5.2.3. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*
3.5.3. For award and retention of AFSCs 1Z131/51/71/91/00:
3.5.3.1. Maintain qualification as a static line and military freefall parachutist, a military scuba diver and IAW AFMAN 10-3500 V2, *Air Force Special Warfare Standardization and Evaluation*.
3.5.3.2. Passing completion of the AFSPECWAR Operator Fitness Test (OFT).
3.5.3.3. ★Maintain certification as a National Registry Paramedic and Tactical Combat Casualty care – Tier 4 (Combat Paramedic) certifications. Maintain SO-ATP certification once awarded through a bridge program or initial skills training.
3.5.4. For award and retention of these AFSCs,
3.5.4.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
3.5.4.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment.
3.5.4.3. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
3.5.4.4. 1Z151 personnel filling positions within C2 and Operational UTC's, require routine access to Tier 5 (T5) information, systems, or similar classified environments.

NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16-1405

CEM Code 1Z200
AFSC 1Z291, Superintendent
AFSC 1Z271, Craftsman
AFSC 1Z251, Journeyman
AFSC 1Z231, Apprentice
AFSC 1Z211, Helper

★COMBAT CONTROL
(Changed 31 Oct 25)

1. **Specialty Summary.** Provides command, control, communications, intelligence, surveillance, and reconnaissance (C3ISR) to assist, control and enable the application of manned and unmanned, lethal, and non-lethal airpower in all geographic and environmental conditions across the full spectrum of military operations. Includes terminal control (air traffic control [ATC]) and targeting, and control of air strikes (including joint terminal attack control [JTAC]) (ground, air, and space deconfliction) and use of visual and electronic aids to control airheads and enable precision navigation. Provides long-range voice and data command and control and communications. Performs tactical level surveillance and reconnaissance functions, fusing organic and remote-controlled technologies and manned platforms to build the common operating picture (COP). Related DoD Occupational Subgroup: 125000.

2. ★**Duties and Responsibilities:**
2.1. Plans, organizes, supervises, and establishes ATC in the target area. Initiates, coordinates, and issues ATC clearances, holding instructions, and advisories to maintain aircraft separation and promote safe, orderly, and expeditious flow of traffic under visual and conventional approach control flight rules. Operates and monitors portable and mobile communications equipment and terminal and tactical navigational aids required to control and support air traffic in forward areas. Evaluates and relays status of airfields and assault zones to inbound aircraft and higher headquarters. Provides limited weather observations, including surface and altitude wind data, temperature, and cloud heights. Prepares and issues advisories to pilots, ATC and other agencies concerning weather, notice-to-airmen information, air traffic flow control measures, and wake turbulence. Provides flight assistance and emergency service to air traffic. Records weather and ATC data. Controls vehicular traffic on the airport movement area.
2.2. Plans, coordinates, and conducts reconnaissance and surveillance of potential assault zones, targets, and areas of interest. Operates advanced technologies, including ground-based sensors and unmanned aerial systems (UAS) to support reconnaissance and target identification. Surveys runways, assault zones (drop zones, landing zones, vertical lift / helicopter landing zones, forward area refueling points [FARP]) and other areas critical to aviation and records data for inclusion in mission plans. Reports current battlefield information.
2.3. Identifies, assesses, and marks assault zones with visual and electronic navigational aids for day and night air-land and airdrop operations. Coordinates clearances, instructions, advisories, and air traffic movement with forward and rear area commanders. Uses ground-to-air communications equipment in conjunction with visual and electronic systems to control and expedite the movement of en route, arriving, and departing air traffic. Directs actions to handle aircraft emergencies or mishaps. Coordinates casualty and patient evacuation between aviation and medical personnel. Provides airlift operations support that cannot be provided by combat communications groups or other agencies. Operates global positioning systems (GPS) equipment for targeting, navigation, and for the location, assessment, and establishment of assault zones. Coordinates airfield ground support (crash/fire/rescue, sweep).
2.4. Targets and controls fires. Plans, coordinates, and conducts fires to accomplish supported commander objectives. Includes JTAC and supporting arms for surface elements and C3ISR in support of combined forces air component commander (CFACC) assets and/or combined forces Special Operations component commander (CFSOCC). Employs visual and electronic navigation and marking equipment to direct aviation assets to target. Issues weapons release clearance.
2.5. ★Deploys into semi- and non-permissive forward areas and forward operating locations by land (mounted, special purpose vehicle or dismounted), sea (surface or subsurface naval vessel, small watercraft, self-contained underwater breathing apparatus [SCUBA], closed circuit, or surface swim) or air (parachute, airmobile, air-land) to participate in the full spectrum of military operations to include air expeditionary force (AEF), force projection, direct action (DA), counterterrorism (CT), counter-proliferation (CP), foreign internal defense (FID), humanitarian assistance (HA), special reconnaissance (SR), personnel recovery (PR), noncombatant evacuation operations (NEO), integrated survey program (ISP), counter narcotic (CN), operational preparation of the environment (OPE), advanced force operations (AFO) and fire support operations. Uses demolitions to remove obstacles. Maintains qualification on primary assigned weapons.

3. ★**Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: ATC, reconnaissance and air power control principles and procedures; aircraft flight characteristics; encompassing tactical airlift and weapons delivery; air and surface firepower systems and effects; International Civil Aviation Organization (ICAO), Federal Aviation Administration (FAA), and military air regulations; map, aeronautical chart, and publication use; characteristics and use of tactical and ATC communications systems and equipment, air navigation aids, night vision equipment; GPS and other operational equipment; meteorology principles; deployment procedures; joint service operation; infiltration techniques; movement and route selection; alternate insertion and extraction (AIE) methods; parachute procedures and equipment; jump master training; small unit tactics; amphibious and SCUBA operations; small arms and crew served weaponry; and destructive demolition applications.
3.2. Education. Not used.
3.3. Training, Completion of the following courses is mandatory for award of AFSC 1Z231:

3.3.1. Special Warfare Candidate Course (SWCC).
3.3.2. Special Warfare Assessment and Selection Course.
3.3.3. Special Warfare Air Traffic Control (SWATC).
3.3.4. Level C SERE Combat Survival Training.
3.3.5. US Army Airborne Parachutist (Static-line Parachutist).
3.3.6. Military Freefall Parachutist.
3.3.7. Combat Control Apprentice Course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. ★1Z251. Qualification in and possession of AFSC 1Z231. Also, experience in performing Combat Control duties.
3.4.2. 1Z271. Qualification in and possession of AFSC 1Z251. Also, experience performing and supervising Combat Control duties.
3.4.3. 1Z291. Qualification in and possession of AFSC 1Z271. Also, experience performing and managing Combat Control functions as a flight leader.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Successful completion of the AFSPECWAR Candidate Fitness Test (CFT).
3.5.1.2. Air National Guard (ANG) CCT candidates must complete the ANG 1Z2/CCT ONE-LEVEL Program for selection consideration.
3.5.1.3. See attachment 4 for additional entry requirements.
3.5.1.4. The following are additionally mandatory for Active-Duty retraining candidates:
3.5.1.4.1. ★Successful completion of the AFSPECWAR Initial Fitness Test (IFT).
3.5.1.4.2. Grade of E-5 or below with less than 10 years Total Active Federal Military Service (Total Federal Military Service for Reserve of the Air Force personnel).
3.5.1.4.3. Current commander's written recommendation.
3.5.1.4.4. ★Completion of, and selection into, the Combat Control Retraining Assessment Process (AD Only, AFPC will provide requirements upon retraining approval, includes passing an IFT within 60 days of SWCC start date).
3.5.2. For entry, award, and retention of AFSC:
3.5.2.1. ★Meet qualification standards to bear firearms IAW AFI 31-177, Arming and Use of Force by Air Force Personnel, AFI 36-2654, Combat Arms Program, and AFMAN 36-2655, USAF Small Arms and Light Weapons Qualification Programs.
3.5.2.2. ★Meet physical qualification Special Warfare IAW AFI 48-123, *Medical Examinations and Standards,* and the accompanying Medical Standards Directory (MSD), Special Warfare column. Applicants must also meet physical qualifications for entry into sister service schools such as Army Airborne, Freefall, and Navy Dive, as applicable.
3.5.2.3. Must possess a valid state-issued driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.
3.5.2.4. Ability to speak English clearly and distinctly as demonstrated by Reading Aloud Test (RAT).
3.5.3. For entry, award, and retention of AFSCs 1Z211/31/51/71/91/00:
3.5.3.1. Maintain qualification as a static line and military freefall parachutist IAW AFMAN 10- 3500V2, *Air Force Special Warfare Standardization and Evaluations*.
3.5.3.2. Passing completion of the AFSPECWAR Operator Fitness Test (OFT).
3.5.4. ★For the award and retention of AFSCs 1Z2XX:
3.5.4.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
3.5.4.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments.
3.5.4.3. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16-1405.
3.5.4.4. 1Z251 personnel filling positions within C2 and Operational UTC's, require routine access to Tier 5 (T5) information, systems, or similar classified environments.

CEM Code 1Z300
AFSC 1Z391, Superintendent
AFSC 1Z371, Craftsman
AFSC 1Z351, Journeyman
AFSC 1Z331, Apprentice
AFSC 1Z311, Helper

★TACTICAL AIR CONTROL PARTY (TACP)
(Changed 31 Oct 25)

1. ★**Specialty Summary.** TACP Airmen are the Air Force's lead surface-based strike, integration, and contested command and control (C2) experts, capable of operating in contested and degraded environments to extend the tactical edge for episodic and disaggregated C2. TACP Airmen find, fix, track, target, and engage enemy forces in close proximity to friendly forces utilizing precision strike assets. TACPs plan, coordinate, and direct manned and unmanned, lethal, and non-lethal air power utilizing advanced command, control, & communications (C3) technologies and weapon systems in direct ground combat. Inherently qualified as a Joint Terminal Attack Controller (JTAC), TACPs are the premier Joint Fires integration experts on the battlefield. Controls and executes air, space, and cyber power across the full spectrum of military operations. Provides airspace deconfliction, artillery, naval gunfire, intelligence, surveillance, and reconnaissance (ISR) and terminal control of precision strike assets to shape the battlefield. Operates in austere combat environments independent of an established airbase or its perimeter defenses. Employed as part of a joint, interagency or coalition force, aligned with conventional or special operations combat maneuver units to support Combatant Commander objectives. Member of Special Warfare Airman grouping. IAW AFPD 10-35, Special Warfare Airmen. Related DoD Occupational Subgroup: 125000.

2. ★**Duties and Responsibilities:**
2.1. Plans, coordinates, and conducts forward edge targeting, kinetic and non kinetic strike, and close air support (CAS) missions as a Joint Terminal Attack Controller (JTAC) typically in direct ground combat. Controls and executes integrated strike missions to accomplish supported commander's objectives, includes CAS and supporting arms for surface elements, command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR) in support of the Combined Forces Air Component Commander's assets. Employs visual, electronic, and marking equipment to direct aviation assets to target. Gives final weapons release clearance.
2.2. ★Communicates with, and provides C2 of, aircraft and ground units through diverse waveforms utilizing line-of-sight and beyond line-of-sight radios and tactical data-link systems. Operates dismounted/vehicle mounted navigation and digital communications systems in day/night, secure, and anti-jam environments. Operates precision, navigation, and timing equipment. Operates laser target designators, target acquisition equipment, full motion video, and thermal/short wave infrared devices. Maintains qualification on assigned primary and crew served weapons. Maintains familiarization with allied partner nation weapons. Operates computer equipment on Air Force and joint service C2 networks. Operates advanced technologies, including ground-based sensors and unmanned aerial systems (UAS) to support reconnaissance and target identification.
2.3. ★ Performs tactical mission planning and mission preparation. Comprehends and employs precision strike tactics, techniques, and procedures. Develops joint fires support plans in the course of the targeting cycle integrating lethal and nonlethal effects during deliberate and dynamic targeting. Participates in target product development, weaponeering, and collateral damage estimation. Provides assessment of munitions effectiveness, battle damage, and provides reattack recommendations. Advises joint, multinational, and special operations ground force commanders on the integration and application of air, space, and cyber power assets to meet the supported Commander's scheme of fire and maneuver. Plans, requests, coordinates, and integrates preplanned and immediate air support requests. Integrates combat airspace for the employment of precision strike assets operating within land component assigned airspace. Advises and educates ground commanders on all aspects of precision strike integration with ground combat forces scheme of fire and maneuver. Can be qualified as a Drop Zone Controller (DZC) or Landing Zone Safety Officer (LZSO) if necessary for mission accomplishment. Surveys tactical DZs, properly marks DZs and LZs for operations, supervises and directs movement of all personnel and vehicles on the LZ, taxiways and within the exclusion area, provides clearance for airdrops on DZs. Performs personnel equipment accountability.
2.4. ★Deploys into permissive, hostile, denied, and/or politically and/or diplomatically sensitive environments, and infiltrates forward operating locations by land (mounted, special purpose vehicle or dismounted), or air (parachute, airmobile, air-land) to participate in the full spectrum of military operations to include air expeditionary force (AEF), force projection, direct action (DA), counterinsurgency (COIN), counter narcotic (CN), counterterrorism (CT), countering weapons of mass destruction (CWMD), foreign internal defense (FID), unconventional warfare (UW), security force assistance (SFA), humanitarian assistance (HA), noncombatant evacuation operations (NEO), multi- domain operations (MDO), advanced force operations (AFO) and Combined Joint All Domain Command and Control (JADC2) integrators. Able to extract map data including latitude/longitude, geographic coordinate systems, and tactical map symbols. Uses global positioning systems in secure and non-secure modes. Performs react to contact, break contact, ambushes, indirect fire, and various movement techniques and small unit tactics; constructs deliberate fighting positions; and prepares deployed sites. Provides tactical combat casualty care (TCCC); conducts one and two-person carries; creates medical evacuation (MEDEVAC) and Casualty Evacuation Requests; establishes communications with MEDEVAC platforms; establishes helicopter landing zone; provides marking and security. Performs personnel equipment accountability.
2.5. ★Operates vehicles during tactical/non-tactical day and night operations. While vehicle mounted, reacts to direct and indirect fires, and improvised explosives. While vehicle mounted, operates crew served weapons. Performs defensive driving actions, evacuates injured personnel from vehicles, and performs egress and roll-over conditions. Skilled and knowledgeable in waterborne operations including crossing bodies of water with equipment, HELOCAST operations, and insertion/extraction by watercraft.

3. ★**Specialty Qualifications:**
3.1. ★Knowledge. This specialty requires the successful completion of the 1Z3X1 Technical Training pipeline, access to classified information systems; knowledge of Air Force Special Warfare doctrine and implementation; knowledge of theater air, space and cyber operations to include; friendly and adversary weapons systems and munitions characteristics and capabilities; aircraft employment; intelligence, surveillance, and reconnaissance capabilities; targeting systems; Special Warfare, JTAC, TACP C2 , and CAS tactics, techniques and procedures; airspace control; joint targeting; Military Decision Making Process; Joint Operations Planning Process for Air; and integration of joint precision strike assets; group 1 and 2 Small Unmanned Aerial System piloting and employment; Drop Zone (DZ) and Landing Zone (LZ) control and marking.
3.1.1. ★Combat small unit tactics and field skills to include: individual and crew-served weapons employment; global positioning equipment, map, navigation techniques, military symbology, tactical communications and computer procedures and equipment; data links; antenna theory; close quarter combat; waterborne operations; signaling and marking; battlefield lifesaving procedures; casualty collection; and chemical, biological, radiological, and nuclear warfare defense equipment.
3.1.2. ★Applies knowledge of: occupational risk management; Joint, Air Force and Army manuals, instructions, technical orders, and regulations; maintains physical readiness; Multi-Domain Command and Control System; TACP C2 and TACP vehicle and support equipment operations/management, and operator maintenance; Air Force and Army supply and mobility procedures; Air Force and Army command and unit staff functions and tasking's.
3.2. Education. Not used
3.3. Training. For award of AFSC 1Z3X1, completion of the following formal courses are mandatory:
3.3.1. ★Special Warfare Assessment and Selection (SWAS).
3.3.2. Tactical Air Control Party Apprentice Course.
3.3.3. ★Level C SERE Combat Survival Training.
3.3.4. US Army Airborne Parachutist Course
3.3.5. 1Z351. Completion of Joint Terminal Attack Controller (JTAC) Qualification Course or TACP Initial Certification Course (ICC).
3.3.6. 1Z371. Completion of Tactical Air Control Party Craftsman Course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. ★1Z3XX. Requires at least one year of strike and/or integration operations experience after completing TACP ICC prior to being assigned to TACP C2 training, operations, or the 7FVQC (TACP C2) UTC.
3.4.2. ★1Z351. Qualification in and possession of AFSC 1Z331. Certification as a JTAC as specified in AFMAN 10-3500v1 and AFMAN 10-3500v2 and award of SEI 914.
3.4.3. ★1Z371. Qualification in and possession of AFSC 1Z351. Also, experience supervising Special Warfare operations and teams involving-but not limited to- Precision Strike and Joint Fires Integration.
3.4.4. 1Z391. Qualification in and possession of AFSC 1Z371. Also, experience in leading and managing Special Warfare operations and teams involving-but not limited to-Precision Strike, Joint Fires Integration, and Military Decision-Making Process.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. ★Completion of formal assessment and screening as approved by the TACP CFM.
3.5.1.2. ★See attachment 4 for additional entry requirements.
3.5.1.3. ★Mandatory for Active Duty retraining and prior service candidates:
3.5.1.3.1. ★Grade E-5 or below with less than 10 years Total Active Federal Military Service who has not been eliminated from an AFSPECWAR training pipeline within the last 24 months. Exceptions must be approved by the 1Z3 CFM.
3.5.1.3.2. ★Successful completion of the AFSPECWAR Initial Fitness Test (IFT) within 60 days of EAD.
3.5.1.4. ★Mandatory for Air National Guard (ANG) TACP candidates:
3.5.1.4.1. ★ANG TACP prior service entries and retraining is limited to E-5 and below. Exceptions must be approved by the ANG 1Z3 CFM.
3.5.1.4.2. ★Successful completion of the ANG TACP 1-Level Program for selection consideration.
3.5.2. For entry, award, and retention of these AFSCs:
3.5.2.1. ★Meet qualification standards to bear firearms IAW DAFI31-117, Arming and Use of Force, DAFI31-131, Combat Arms Training and Maintenance Program, and DAFMAN 33-131V2 Small Arms and Light Weapons Qualification Programs.
3.5.2.2. Meet physical qualification for Special Warfare as outlined in DAFMAN 48-123, *Medical Examinations and Standards,* and the accompanying Medical Standards Directory (MSD), Special Warfare column. Applicants must also meet physical qualifications for entry into sister service schools such as US Army Airborne Parachutist Course.
3.5.2.3. ★Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, Ground Transportation.
3.5.2.4. Must maintain eligibility to deploy and mobilize worldwide. Personnel with an Assignment Limitation Code of C-1 or C-2 may retain AFSC 1Z3X1 as long as they are capable of successfully completing all core tasks in the 1Z3X1 Career Field Education and Training Plan.
3.5.2.5. Physical qualification and maintenance of human performance standards as defined by Career field Manager.
3.5.2.6. Be a volunteer for jump and ground operations to include TACP and JTAC duties.
3.5.3. For award and retention of AFSC 1Z331/51/71/91/00:
3.5.3.1. ★Certification as a JTAC according to AFMAN 10-3505V1, Joint Terminal Attack Controller (JTAC) Training Program, and AFMAN 10-3505V2 Joint Terminal Attack Controller Standardization and Evaluation Program.

3.5.3.2. ★Must not be permanently decertified as a JTAC IAW AFMAN 10-3505V2.
3.5.3.3. Maintain qualifications for award of SEI 914, JTAC, is required prior to attendance of the 7-level awarding course.
3.5.3.4. Passing completion of the AFSPECWAR Operator Fitness Test (OFT).
3.5.4. For award and retention of these AFSCs:
3.5.4.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
3.5.4.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment.
3.5.4.3. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
3.5.4.4. ★1Z351 and 1Z371 personnel assigned to the 7FVUK/M, 7FVEC/S, 7FVVD/E/F/J/K/L/M, and 7FVQC UTCs, or assigned to staffs, training units, and test and evaluation units require routine access to Tier 5 (T5) material or similar environments.

***NOTE*:** Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16-1405

CEM Code 1Z400
AFSC 1Z491, Superintendent
AFSC 1Z471, Craftsman
AFSC 1Z451, Journeyman
AFSC 1Z431, Apprentice
AFSC 1Z411, Helper

SPECIAL RECONNAISSANCE
(Changed 31 Oct 24)

1. **Specialty Summary.** Plans, performs, supervises, and leads multi-domain reconnaissance and surveillance (R&S) with focus on electromagnetic spectrum operations (EMSO) to answer information and intelligence requirements, enhance joint intelligence preparation of the environment (JIPOE), and enable lethal and non-lethal air-to-ground integration of airpower. May be employed alone or as part of an Air Force, joint, interagency, or coalition force, to conduct R&S operational preparation of the environment, ensure global battlespace awareness, enable global access, and effect air, space, cyberspace, and information superiority for the successful execution of joint force objectives. Conducts time-sensitive special operations across the continuum of competition, in all environments and threat levels. Acquires placement and access to perform direct action (DA) through long range precision engagement when required. Utilizes indigenous sources, organic sensing, electronic warfare/attack equipment, and remote-controlled technology to obtain, transmit, and action strategic, operational, and tactical intelligence information. Integrates aviation- related special operations core function of special reconnaissance (SR) into joint planning process (JOPP) to maximize combat power. Related DoD Occupational Subgroup: 101100.

2. **Duties and Responsibilities:**
2.1. Plans, coordinates, conducts, and manages collection, verification, and transmission of time-sensitive, multi-domain reconnaissance and surveillance with focus on lethal and non-lethal air-to-ground integration of airpower. Reconnoiters and surveils activities of actual or potential enemies and enemy assets, routes, potential assault zones, targets, objectives, areas of interest, potential cache sites, recovery corridors, and infrastructure.
2.2. Plans, coordinates, and conducts Operational Preparation of the Environment (OPE) activities to develop knowledge of the environment, establish, develop, or verify human and physical infrastructure, and enable reception, staging, and onward movement, and integration (RSOI) of forces.
2.3. Plans, organizes, supervises, and conducts reconnaissance, technical, and physical surveillance, and mission rehearsals for target development and near-term DA. Refines location of identified targets and performs organic long- range precision engagement and target interdiction with focus on suppression of enemy air defenses.
2.4. Utilizes organic sources, and advanced technologies – including indigenous sources, sensing equipment, tactical (man-packable) cyber operations (CO) equipment, electronic warfare/attack equipment (EW/EA), and small unmanned aerial systems (SUAS). Reports current information relevant to the operating environment.
2.5. Performs collection of identity attributes and physical materials, and their processing and exploitation to support identification, -characterization, and tracking of threat actors and networks with focus on countering anti-access/area denial (A2/AD) threats. SR identity activities enable Joint Force Commanders' ability to protect personnel and property, identify threats, and identify personnel who are authorized access to critical infrastructure, key assets, and cultural properties.
2.6. Plans, coordinates, and conducts environmental reconnaissance (ER). Observes, reports, and provides limited prediction of environmental factors related to surface weather, mountain/avalanche zones, littoral zones, riverine zones, and terrain traffic-ability. Organizes, establishes, and maintains weather reporting networks using all variety of sensors, and through training/equipping host- nation, partner-force, resistance-force, and other indigenous personnel. Integrates ER with R&S, PE, and SUAS functionality to maximize collection.
2.7. Performs tactical mission planning and preparation. Understands special operations tactics, techniques, and procedures.
2.8. Deploys into permissive, hostile, denied, or politically and/or diplomatically sensitive environments, and forward operating locations by land (mounted, special purpose vehicle or dismounted), sea (surface or subsurface naval vessel, small watercraft, self-contained underwater breathing apparatus [SCUBA], closed-circuit underwater breathing apparatus [CCUBA], or surface swim) or air (parachute, airmobile, air-land) to participate in the full spectrum of military operations to include air expeditionary force, force projection, DA, countering weapons of mass destruction (CWMD), counterterrorism (CT), unconventional warfare (UW), foreign internal defense (FID), security force assistance (SFA), hostage rescue and recovery (HR), counterinsurgency (COIN), humanitarian assistance and disaster relief, counter narcotic (CN), personnel recovery (PR), noncombatant evacuation operations (NEO), operational and intelligence preparation of the environment (OPE, IPE), and fire support operations. . Uses demolitions to create or remove obstacles to maneuver and to prepare tactical sites. Maintains qualification on assigned primary, foreign, and crew served weaponry, with emphasis on long-range rifle target interdiction.

3. **Specialty Qualifications.**
3.1. Knowledge. This specialty requires knowledge of: joint principles of warfare including traditional, irregular, and unconventional; joint service operations; JPP and mission planning/preparation; joint and Air Force Special Operations doctrine and utilization; R&S fundamentals, principles, tactics, techniques, and procedures (TTP); intelligence community doctrine, structure, and processes, and principles of JIPOE including human intelligence principles; OPE principles; joint and Department of the Air Force publication use; military weapons systems; small arms to include long-range precision engagement and target interdiction equipment, and crew served

weaponry; topography and navigation techniques; movement and route selection; infiltration, insertion, extraction, and exfiltration methods; night vision equipment, GPS and other operational equipment; small unit tactics; survival techniques; vehicle operations including mounted and special purpose vehicles; amphibious and water operations; air operations including parachute procedures and equipment; demolition applications; antenna theory; communications and signaling to include tactical EMSO, CO, and EW/EA; operation and operator maintenance of R&S, EMSO, CO, and ER data collection and communications systems; utilization/integration of R&S, EMS, cyber, and environmental information; use of intelligence, EMS, cyber, and environmental products from operational and strategic centers..

3.2. Education. Courses in physics, chemistry, earth sciences, geography, computer sciences, electronics, and mathematics are desirable.

3.3. Training. For award of AFSC 1Z431, completion of the following formal courses is mandatory:

3.3.1. Special Warfare Preparatory Course.

3.3.2. Special Warfare Assessment and Selection Course.

3.3.3. SERE Level-C Training.

3.3.4. USAF Underwater Egress Training.

3.3.5. US Army Airborne Parachutist Course

3.3.6. Military Freefall Parachutist.

3.3.7. Special Reconnaissance Apprentice Course.

3.4. Experience. The following experience is mandatory for award of the 1Z4XX AFSC indicated:

3.4.1. 1Z451. Qualification in and possession of AFSC 1Z431. Experience performing SR duties.

3.4.2. 1Z471. Qualification in and possession of AFSC 1Z451. Experience performing and supervising SR duties.

3.4.3. 1Z491. Qualification in and possession of AFSC 1Z471. Experience performing and managing SR functions as a Special Tactics (ST) team leader.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty:

3.5.1.1. Air National Guard (ANG) SR candidates must complete the ANG "SR ONE LEVEL PROGRAM" for selection consideration.

3.5.1.2. See attachment 4 for additional entry requirements.

3.5.1.3. The following are additionally mandatory entry requirements for Active Duty retraining candidates:

3.5.1.3.1. Successful completion of the AFSPECWAR Initial Fitness Test (IFT) within 60 days of EAD.

3.5.1.3.2. Grade of E-6 or below with less than 10 years Total Active Federal Military Service who has not been eliminated from an AFSPECWAR pipeline course within the last 24 months. Exceptions must be approved by the 1Z4 Career Field Functional Manager.

3.5.1.3.3. Current commander's written recommendation.

3.5.1.3.4. Completion of the SR retraining process, and selection by the SR retraining Assessment (AD Only). AFPC will provide requirements upon retraining approval, includes passing a second IFT within 60 days of course of initial entry start date.

3.5.2. For entry, award, and retention of these AFSCs:

3.5.2.1. Meet qualification standards to bear firearms IAW AFI 31-177, Arming and Use of Force by Air Force Personnel, AFI 36-2654, *Combat Arms Program*, and AFMAN 36-2655, *USAF Small Arms and Light Weapons Qualification Programs*.

3.5.2.2. Meet physical qualification for Special Warfare as outlined in DAFMAN 48-123, *Medical Examinations and Standards*, and the accompanying Medical Standards Directory (MSD), Special Warfare column. Applicants must also meet physical qualifications for entry into sister service schools such as Army Jump, Freefall, and Navy Dive, as applicable.

3.5.2.3. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*

3.5.3. For award and retention of AFSCs 1Z431/1Z451/1Z471/1Z491:

3.5.3.1. Qualification, currency, and proficiency as a static line and military freefall parachutist.

3.5.3.2. Passing completion of the AFSPECWAR OFT.

3.5.4. For award and retention of these AFSCs:

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

3.5.4.2. Specialty requires routine access to Top Secret material or similar environment including SAPs. Award and retention of AFSCs requires completion of a Tier 5 (T5) background investigation according to AFMAN 16-1405*, Personnel Security Program Management.* ***NOTE:*** Award of the entry level without a completed T5 Investigation is authorized provided an interim Top Secret security clearance with eligibility has been granted according to AFMAN 16-1405.

AEROSPACE MAINTENANCE CAREER FIELD (2A)

Introduction

The Aerospace Maintenance Career Field includes:

Installing, maintaining, calibrating, and repairing avionics photographic and sensor equipment, integrated avionics equipment, and selected conventional avionics equipment; avionics guidance and control systems; communication and navigation systems; airborne communications, early warning radar, and electronic warfare equipment; and avionics support equipment.

Installing, removing, maintaining, and repairing aircrew egress, fuel, and pneudraulic systems including in-flight refueling systems; and maintaining aerospace ground equipment used in direct support of aircraft weapon systems.

Maintaining, repairing, and fabricating fabric and rubber equipment, protective covers, sound proofing, aircraft thermal radiation barriers, upholstery, fabric and rubberized protective clothing, life rafts, life preservers, and other fabric and rubber articles. Inspecting, maintaining, repairing, and packing personnel, deceleration, and cargo and aerial delivery parachutes; and nondestructive inspection of aerospace material parts, components, and pressurized systems.

Maintaining, repairing, and modifying helicopters, turboprop aircraft, propeller aircraft, and jet aircraft.

Maintaining aircraft propellers and jet engines that includes installing, removing, maintaining, and repairing turbojet and ramjet engines when installed on missile systems, and maintaining small, fuel, air turbine auxiliary engines installed on aircraft weapon systems.

Installing, removing, maintaining, and repairing aircraft electrical systems, environmental systems, and other accessory systems installed in aircraft weapon systems. Accessory systems include oxygen, heating, cooling, fire extinguishing, pressurizing, and air turbine auxiliary test systems.

Fabricating, molding, shaping, cutting, and joining metals; repairing metal parts; aircraft structural repairs, metal heat treating, welding, plating, forging, and machining; installing, modifying, and forming plastic articles; and maintaining and repairing fiber-glass-covered aircraft control surfaces; inspecting and preserving aircraft parts and materials. It also includes corrosion control for missile, aircraft, and support systems.

Excluded from this career field are the corrosion control and sheet metal functions associated with civil engineering areas of responsibility. Also, excluded from this career field are those functions associated with maintaining skid-mounted cryogenic storage containers.

AFSC 2A090, Superintendent

AVIONICS
(Changed 31 Oct 17)

1. **Specialty Summary.** Manages and directs avionics test station functions and activities. Included are areas of computer and manually operated avionics test equipment, support equipment (SE), and aircraft avionics systems components. Related DoD Occupational Subgroup: 110200.

2. **Duties and Responsibilities:**
2.1. Plans, organizes, and directs avionics activities. Establishes production controls and work standards. Analyzes reports on the installation, removal, overhaul, repair, calibration, and modification of avionics systems and associated support equipment.
2.2. Directs avionics activities. Directs, controls, and plans inspection, removal, replacement, calibration, and repair of avionics systems and associated support equipment. Determines extent and economy of repair or replacement of components. Coordinates with supply, operations, and other maintenance activities to improve procedures and ensure mission support.
2.3. Inspects and evaluates avionics activities. Establishes and checks inspection procedures. Inspects activities to solve maintenance, supply, manpower, and personnel problems. Interprets findings and recommends corrective action. Ensures compliance with directive governing handling, use, and disposal of hazardous waste and material.
2.4. Performs avionics functions. Solves problems and interprets publications for inspection, repair, modification, overhaul, removal, installation, and calibration of avionics systems and associated support equipment. Plans and implements budgets, modifications, and acquisition processes. Plans and executes mobility programs and equipment deployments. Plans physical layout of facilities and ensures support equipment and spare parts availability.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: avionics and electronic computers, EW systems, data processing systems, radar and inertial electronic principles; electronic and mechanical principles applying to guidance and control and power and motion transmission; infrared; lasers; cryogenics; optical systems; altitude stabilization theory, data flow analysis, torquing amplifiers, accelerometers, and servo mechanisms; testing, measuring, and reference standard devices; digital processes, computer logic, and microelectronics of integrated circuits; supply procedures, personnel management, and administrative techniques; concepts and application of maintenance directives; interpreting schematic, logic, and wiring diagrams, blueprints, and technical orders; and budgeting, modification, and acquisition processes.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 2A090, qualification in and possession of AFSC 2A071X is mandatory. Also, experience is mandatory managing or directing functions such as communication systems, guidance and control, avionics test stations, avionics sensors, radar, EW, or navigation.
3.5. Other. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 2A071, Craftsman
AFSC 2A051, Journeyman
AFSC 2A031, Apprentice
AFSC 2A011, Helper

AVIONICS TEST STATION, COMPONENTS, AND ELECTRONIC WARFARE SYSTEMS
(Changed 31 Oct 24)

1. **Specialty Summary.** Performs and manages avionics test station functions and activities. Operates, inspects, maintains, programs, and calibrates computer and manually operated avionics test equipment, support equipment (SE), and aircraft avionics systems components. Related DoD Occupational Subgroup: 119800.

2. **Duties and Responsibilities:**
2.1. Analyzes performance and isolates malfunctions of avionics test equipment, SE, and aircraft components. Performs operational tests on test equipment, SE, and aircraft components to determine condition, analyze performance, and isolate malfunctions in the radar, sensors, communications, weapons control, electronic warfare (EW), and flight control and engine control systems. Traces logic, schematic, test flow, and wiring diagrams. Uses self-test and software functions, computer and manually operated avionics test equipment, SE, and test measurement and diagnostic equipment to determine the scope of repair and adjustment required.
2.2. Inspects, maintains, programs, and calibrates avionics equipment, SE, and aircraft components. Removes and replaces assembly components using hand tools, soldering devices, and electronic instruments. Repairs EW systems and pods, sensor systems and components, wiring harnesses and interconnecting cables. Services, replaces, and cleans filtration and cooling components, and performs maintenance on test stations and avionics SE. Repairs amplifier and logic circuits; microwave equipment; servomechanisms; radio frequency circuits; video displays; and power supply circuits. Loads computer programs. Aligns, calibrates, and modifies avionics test equipment, SE, and aircraft components.
2.3. Manages integrated avionics activities and complies with directives, policies, and procedures. Complies with maintenance standards. Initiates deficiency reports, maintenance analysis documents, technical data changes, and equipment records. Interprets, establishes, and complies with training, security, and safety standards. Ensures compliance with directives governing handling, use, and disposal of hazardous waste and material. Records information on data collection forms and automated systems. Directs and controls maintenance, calibration, and inspection of integrated avionics test stations and aircraft components.
2.4. Plans and organizes integrated avionics activities. Including equipment assembly, calibration, repair, modification, and maintenance. Plans physical layout of facilities and ensures SE and spare parts availability.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: electrical theory and electronic fundamentals, including solid-state, binary, digital, octal, and hexadecimal numbering systems; metrology principles; Boolean algebra; computer logic, and programming principles and language; cyber protection theory and hygiene, including weapon system attack surfaces and air-gapped system risks; printed circuitry; microwave, radar, and electronic warfare principles; microminiature solid state devices; operating principles of avionics components supported by test stations; electrically actuated mechanical device theory; operating principles of basic measuring and testing devices; interpreting schematic, logic, data flow, and wiring diagrams; interpreting programming tables and technical publications; using, caring for, and applying special, standard, and common hand tools; interpreting testing, measuring, and referencing devices; concepts and application of applicable maintenance directives; Air Force supply procedures; and use and disposal of hazardous waste and material.
3.2. Education. Completion of high school courses in physics, algebra, trigonometry, and computer principles is desirable.
3.3. Training. The following are mandatory for award of the AFSC indicated:
3.3.1. For award of AFSC 2A031, completion of the basic avionics test station and components course.
3.3.2. For award of AFSC 2A071, completion of Advanced ATLAS CBT (N/A for ANG/AFRC).
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A051. Qualification in and possession of AFSC 2A031. Also, experience in functions such as identifying performance and isolating malfunctions encountered with avionic components; using and repairing avionic electrical, electronic, and mechanical equipment; or aligning and calibrating avionic test stations and SE.
3.4.2. 2A071. Qualification in and possession of AFSC 2A051. Also, experience performing or supervising functions such as installing, inspecting, repairing, or overhauling avionic test stations and SE.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards.*
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs:
3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment.
3.5.2.3. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.

NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

AFSC 2A251, Journeyman
AFSC 2A231, Apprentice
AFSC 2A211, Helper

MHU-139 ELECTRICAL, ENVIRONMENTAL AND AVIONICS TECHNICIAN
(Changed 30 Apr 24)

1. **Specialty Summary**. Analyzes malfunctions, inspects, removes, maintains, and installs integrated communication/navigation/mission systems. Performs and supervises avionics maintenance and general aircraft servicing and handling. Related DoD Occupational Subgroup: 119800.

2. **Duties and Responsibilities:**
2.1. Operates and maintains communication/navigation/mission systems on the MHU-139. Analyzes equipment operating characteristics to isolate malfunctions in avionics systems, radar, integrated test systems built-in-test (BIT), multiplexed data bus systems, personnel locator systems, recording systems, fire control systems, video display systems, flight instruments, mission computer systems, electro-optical viewing systems (EVS), inertial navigation systems (INS), global positioning system, primary and secondary flight controls, automatic flight control, engine instrumentation, fuel management systems, central air data systems, sensors, communication, and navigation systems, transponders, aircraft indicating systems, meteorological systems, situational awareness systems, laser designators, electrical, environmental, fire detection and suppression, and interrogator systems.
2.2. Removes, installs, checks, and repairs avionics systems and line replaceable units (LRU). Diagnoses malfunctions using technical orders, schematics, wiring diagrams, integrated test systems and other test equipment. Removes, replaces, and repairs faulty system wiring, electrical connectors, antennas, transmission lines, and multiconductor cables. Modifies avionics, electronic and environmental systems according to technical publications. Updates operational logs, inspection records, aircraft forms, and automated maintenance systems. Performs and supervises alignment, calibration, and boresight of avionics systems. Uploads ground maintenance and operational software. Performs off- equipment maintenance on selected avionics LRUs and maintains peculiar support equipment (SE).
2.3. Inspects and evaluates aircraft maintenance activities. Inspects and verifies operational status and configuration of avionics systems and software. Records and ensures validity of entries into maintenance data collection and inspection systems. Resolves and assists units in solving maintenance and supply problems. Interprets and recommends corrective action to inspection findings. Prepares aircraft for low altitude attack profiles, precision bombing, covert operations, and reconnaissance.
2.4. Plans, organizes, and directs aircraft maintenance activities. Establishes methods and performance standards. Analyzes reports and maintenance plans. Directs operation and modification of standard operating procedures. Establishes priorities. Evaluates activities for compliance with directives. Supervises and assists in aircraft ground servicing, and launch/recovery operations. Reviews maintenance data collection summaries to determine trends and production effectiveness.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge of the following is mandatory: cyber protection theory and hygiene, including weapon system attack surfaces and air-gapped system risks; interpreting and applying mechanical, wiring, and electronic circuit diagrams; electronic, micro-processor, data bus, and mechanical principles theory and application; theory of flight; gyros, synchros, indicators, memory storage devices, antennas, servomechanisms, electromechanical, electro-hydraulic, and electro-optical devices; radar, radio frequency communication, surveillance radar and interrogator systems, pulse Doppler radar theory, dependent navigation aids, inertial and radar navigation, lasers, infrared/ultraviolet receivers; optics, instruments, multiplexing, fire control, video display, and digital computer systems working principles; subsystem tie-in between integrated avionics systems; using and interpreting testing and measuring devices; principles of motion and power transmission by fluid, mechanical and electrical means; concepts and application of maintenance directives; meaning of symbols used in wiring diagrams, blueprints, and schematics; and proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. For entry into this specialty, completion of high school courses in physics, computers, and mathematics is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. For award of AFSC 2A231, completion of the applicable basic MHU-139 technician systems course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A251. Qualification in and possession of AFSC 2A231. Also, experience isolating malfunctions, removing, and installing line replaceable units, and use of test and ground support equipment (SE).
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs:
3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment. For award and retention of AFSCs 2A2X1, completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.

NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

CEM Code 2A300
AFSC 2A390, Superintendent

FIGHTER AIRCRAFT MAINTENANCE
(Changed 31 Oct 24)

1. **Specialty Summary.** Manages maintenance activities engaged in planning, inspecting, repairing, and servicing fighter/aircraft and support equipment (SE). Related DoD Occupational Subgroup: 160000.

2. **Duties and Responsibilities:**
2.1. Plans and organizes fighter aircraft maintenance activities. Plans, organizes, and manages maintenance activities for repair of aircraft and associated SE. Responsible for maintenance planning and inspecting. Coordinates with supply, operations, and other support activities to improve procedures and resolve problems.
2.2. Directs fighter aircraft maintenance activities. Evaluates and directs processes used in inspecting, maintaining, and servicing aircraft, components, and SE. Prioritizes maintenance and repair functions. Supervises preparation of maintenance forms for aircraft repair, inspection, and parts replacement. Directs aircraft battle damage repair and crash recovery operations.
2.3. Inspects and evaluates aircraft maintenance activities. Inspects maintenance performed on fighter aircraft, systems, and components. Evaluates maintenance units to determine operational status and to provide assistance in solving maintenance, supply, and personnel problems. Interprets and discusses inspection findings and recommends action to correct deficiencies.
2.4. Performs aircraft maintenance management functions. Resolves problems and interprets technical publications for inspecting, maintaining, and modifying aircraft and SE. Ensures submission of deficiency reports. Ensures funds and resources are projected to support maintenance effort and are managed to optimize mission accomplishment. Ensures unit meets mobility requirements.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: electrical and mechanical principles applying to aircraft and SE; concepts and application of maintenance directives; maintenance data reporting; interpreting and use of maintenance data reports and technical orders; Air Force supply procedures; resource management; and proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 2A390, qualification in and possession of AFSC 2A373, 2A374, 2A375, or 2A377 is mandatory. Also, experience is mandatory managing or directing functions such as inspecting and maintaining aircraft and SE.
3.5. Other.
3.5.1. For award and retention of these AFSCs:
3.5.1.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.1.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment. For award and retention of AFSCs 2A300/2A390, completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.

AFSC 2A373, Craftsman
AFSC 2A353*, Journeyman
AFSC 2A333*, Apprentice
AFSC 2A313*, Helper

TACTICAL AIRCRAFT MAINTENANCE
(Changed 31 Oct 21)

1. **Specialty Summary.** Maintains tactical aircraft, support equipment, and forms and records. Performs and supervises flight chief, expediter, crew chief, repair and reclamation, quality assurance, and maintenance support functions. Related DoD Occupational Subgroup: 160000.

2. **Duties and Responsibilities:**
2.1. Services aircraft. Performs end-of-runway, ground handling postflight, preflight, thru-flight, special inspections, and phase inspections. Performs sortie generation operations and hot pit refuels. Advises on problems maintaining, servicing, and inspecting aircraft and related aerospace equipment. Uses conventional or automated technical data to diagnose and solve maintenance problems on aircraft systems. Interprets and advises on maintenance procedures and policies to repair aircraft and related equipment.
2.2. Troubleshoots and maintains aircraft engines, hydraulic, and other related systems, structures, components, and related equipment. Removes and installs aircraft and engine components. Conducts functional tests of repaired engines, components, and systems. Adjusts, aligns, and rigs aircraft systems. Supervises and performs aircraft jacking, lifting, and towing operations.
2.3. Inspects aircraft structures, engines, systems, components, and related systems. Supervises and performs aircraft, engine, and component inspections. Interprets inspection findings and determines adequacy of corrective actions. Inspects and checks components for clearances, tolerances, proper installation, and operation. Inspects and operates powered and nonpowered aerospace ground equipment. Inspects and identifies aircraft corrosion for prevention and repair. Reviews maintenance forms, aircraft records, automated maintenance data systems, and historical reports to ensure complete documentation. Inventories and maintains aircraft equipment.
2.4. Performs flight chief, production superintendent, expediter, crew chief, repair and reclamation, and maintenance support functions. Coordinates maintenance plans and schedules to meet operational commitments. Supervises and assists in launching and recovering aircraft. Reviews maintenance data collection summaries to determine trends and production effectiveness. Performs crash recovery duties. Performs staff and supervisory management functions.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: principles applying to aircraft systems; flight theory; hydraulic principles; electrical theory; principles, concepts, and application of maintenance directives and data reporting; using technical data; technical order use; Air Force supply and deficiency reporting procedures; and proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. For entry into this specialty, completion of high school courses in physics, pneudraulics, and electronics is desirable.
3.3. Training.
3.3.1. For award of AFSC 2A333X, completion of a suffix specific basic aircraft maintenance course is mandatory.
3.3.2. For award of AFSC 2A373, complete craftsman aircraft maintenance course, if applicable.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A353X. Qualification in and possession of AFSC 2A333X. Also, experience in functions such as repairing and maintaining aircraft or related installed equipment.
3.4.2. 2A373. Qualification in and possession of AFSC 2A353X. Also, experience performing or supervising functions such as installing, inspecting, repairing, or overhauling aircraft structures, systems, and components.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs:
3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.2. For award and retention of AFSCs 2A3X3/X, completion of a current Tier 3 (T3) Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
***NOTE**:* Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. ***Specialty Shredouts:**

Suffix	*Primary Aircraft*
E	A-10/U-2
L	F-15
M	F-16

NOTE: Suffixes are applicable to the 1-, 3-, and 5- skill levels only.

AFSC 2A374, Craftsman
AFSC 2A354*, Journeyman
AFSC 2A334*, Apprentice
AFSC 2A314*, Helper

FIGHTER AIRCRAFT INTEGRATED AVIONICS
(Changed 30 Apr 25)

1. **Specialty Summary**. Isolates malfunctions and repairs and inspects A-10/U-2, F-15, and F-16 integrated avionics systems at organizational levels. Troubleshoots, inspects, removes, installs, repairs, modifies, and operates aircraft avionic systems, components, and associated support equipment. Performs and supervises general aircraft servicing and handling procedures. Related DoD Occupational Subgroup: 195000.

2. **Duties and Responsibilities:**
2.1. Identifies and isolates A-10/U-2, F-15, and F-16 integrated avionics systems malfunctions and analyzes performance. Operates integrated avionics systems to determine operational condition. Interprets equipment operation to isolate malfunctions in systems such as attack control, instrument, flight control, communications, navigation, and penetration aids. Traces data flow and wiring diagrams. Inspects, troubleshoots, and maintains aircraft wiring systems. Uses built-in test functions, electronic measuring equipment, support aerospace ground equipment (AGE), and hand tools. Monitors equipment performance and detects and analyzes malfunctions.
2.2. Removes, installs, aligns, and checks integrated avionics systems. Removes and installs line replaceable units and aligns systems. Operationally checks externally mounted avionics equipment. Boresights systems. Performs intermediate or organizational maintenance level modifications.
2.3. Inspects integrated avionics systems, posts entries, and maintains inspection and maintenance records. Inspects avionics systems and determines operational status. Interprets inspection findings and determines corrective action adequacy. Reviews maintenance management publications and procedures to obtain avionics systems information. Recommends methods to improve equipment performance and maintenance procedures. Uses automated maintenance systems. Inputs, validates, and analyzes data processed to automated systems. Clears and closes out completed maintenance discrepancies in automated maintenance systems.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: cyber protection theory and hygiene, including weapon system attack surfaces and air-gapped system risks; electronic, microelectronic, gyro, synchro, mechanical, and indicator principles, theory, and application; factors involved in transmitting and receiving within the radio frequency ranges; digital computer logic; using and interpreting testing and measuring devices; principles of aerodynamics and motion and power transmission by mechanical and electronic means; electronic combat principles; and concepts and application of maintenance directives.
3.2. Education. For entry into this specialty, completion of high school courses in physics and mathematics is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 2A334X. Completion of the applicable suffix basic avionics systems course.
3.3.2. 2A354X. Completion of applicable Field Training Detachment (FTD) course(s) listed on the MAJCOM Mandatory Course List IAW AFI 36-2232, *Maintenance* Training.
3.3.3. 2A374. Completion of the Advanced Aircraft Wiring Maintenance Course J4AMP3000 A48A PDS ZIZ per the MAJCOM Mandatory Course List (MMCL) (ANG/AFRC exempt). Not applicable to personnel assigned to locations where the course is not yet available at the local Field Training Detachment (FTD).
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A354X. Qualification in and possession of AFSC 2A334X. Also, experience in functions such as isolating malfunctions, installing line replaceable units, and using AGE necessary to maintain avionics systems.
3.4.2. 2A374. Qualification in and possession of AFSC 2A354X. Also, experience performing or supervising functions such as installing, maintaining, or inspecting A-10/U-2, F-15, or F-16 avionics systems.
3.5. Other. The following are mandatory as indicated.
3.5.1. For entry into this specialty:
3.5.1.1. No record of acrophobia.
3.5.1.2. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.3. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs:
3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment.
3.5.2.3. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. **<u>*Specialty Shredouts:</u>**

Suffix	*Primary Aircraft*
A	A-10/U-2 Avionics
B	F-15 Avionics
C	F-16 Avionics

NOTE: Suffixes A, B, and C are applicable to the 1- , 3-, and 5-skill levels only.

AFSC 2A375, Craftsman
AFSC 2A355*, Journeyman
AFSC 2A335*, Apprentice
AFSC 2A315*, Helper

ADVANCED FIGHTER AIRCRAFT INTEGRATED AVIONICS
(Changed 31 Oct 24)

1. **Specialty Summary.** Maintains F-22, and F-35 avionics and electrical & environmental (A&E) systems at the organizational level. Troubleshoots, inspects, removes, installs, repairs, modifies, and operates aircraft A&E systems, components, and associated support equipment. Performs and supervises general aircraft servicing and handling procedures. Related DoD Occupational Subgroup: 160200/119800/195000.

2. **Duties and Responsibilities.**
2.1. Inspects, troubleshoots, operates, and maintains aircraft A&E systems, subsystems, components, and test equipment using aircraft controls, displays, and portable maintenance aid (PMA) to determine operational condition. Interprets equipment operating characteristics to isolate malfunctions in systems such as: attack control, core processing, radar, infrared, laser, controls and displays, electro optical and video imaging system, satellite communication systems, flight controls, vehicle management, communication, navigation, identification, satellite communications, electronic warfare (EW), electrical power and distribution, gas turbine compressor, auxiliary power, landing gear, anti-skid, nose wheel steering, lighting, fire and overheat warning, fire extinguishing, fuel indicating, liquid cooling, air conditioning, bleed air, cabin pressure, auxiliary pressurization, oxygen, and aircraft utility systems. Uses technical data to trace wiring diagrams and signal data flow. Uses integrated diagnostics, built-in test functions, electronic measuring equipment, aerospace ground equipment (AGE), support equipment (SE), and hand tools.
2.2. Removes and installs systems components. Performs and supervises alignment, calibration, modifications, and boresight of A&E systems. Uploads operational software into systems components. Removes and installs line replaceable modules (LRMs), line replaceable units (LRUs), and other systems components. Enters maintenance data into automated systems.
2.3. Inspects, analyzes, and evaluates A&E systems to determine operational status. Interprets inspection findings and determines adequacy of corrective actions. Reviews maintenance management publications and procedures. Recommends methods of improved equipment performance and maintenance procedures. Ensures compliance with technical publications and directives.

3. **Specialty Qualifications.**
3.1. Knowledge. Knowledge is mandatory of cyber protection and hygiene, including weapon system attack surfaces and air-gapped system risks; electronics, microprocessors, and mechanics relating to A&E systems. This includes knowledge of the following principles: gyro, synchro and servo, motion, and power transmission by mechanical and electrical means, electromechanical and electro- optical, and theory of flight. Further knowledge is mandatory of subsystem integration between avionics and A&E systems, digital computer logic, aircraft electrical and hydraulic systems, use, care, and interpretation of test and measurement devices, concepts, and application of maintenance directives, meaning of symbols utilized in wiring diagrams, blueprints and schematics, and proper handling, use, and disposal of hazardous waste and material.
3.2. Education. For entry into this specialty, completion of high school courses in physics, mathematics, and computers is desirable.
3.3. Training.
3.3.1. For award of AFSC 2A335X, completion of the applicable suffix apprentice course is mandatory.
3.3.2. For award of AFSC 2A375, completion of the MAJCOM-identified, aircraft-specific field training course is mandatory.
3.3.3. For award of AFSC 2A375, completion of Advanced Wiring Maintenance Course J4AMP3000 A48A PDS ZIZ per the MAJCOM Mandatory Course List (MMCL) (ANG/AFRC exempt). Not applicable to personnel assigned to locations where the course is not yet available at the local Field Training Detachment (FTD).
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A355X. Qualification in and possession of AFSC 2A335X. Also, experience in installing line replaceable modules/units, practical use of system theory, experience in maintaining avionics or A&E systems, and utilizing AGE necessary to maintain avionics or A&E systems.
3.4.2. 2A375. Qualification in and possession of AFSC 2A355X. Also, experience in isolating malfunctions, and performing or supervising functions such as malfunction analysis or installation of A&E systems.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. No record of acrophobia.
3.5.1.2. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.3. See Attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs:
3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

3.5.2.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment. For award and retention of AFSCs 2A3X5/X, completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. ***Specialty Shredouts:**

Suffix	***Primary Aircraft***
A	F-22
B	F-35

NOTE: Suffixes A, and B are applicable to the 1-, 3-, and 5- skill levels only.

AFSC 2A377, Craftsman
AFSC 2A357*, Journeyman
AFSC 2A337*, Apprentice
AFSC 2A317*, Helper

TACTICAL AIRCRAFT MAINTENANCE (5TH GENERATION)

(Changed 31 Oct 21)

1. **Specialty Summary.** Maintains aircraft, support equipment, forms, and records. Performs and supervises flight chief, expediter, crew chief, repair and reclamation, quality assurance, and maintenance support functions. Related DoD Occupational Subgroup: 160000.

2. **Duties and Responsibilities:**
2.1. Performs sortie generation, ground handling, and servicing to include hot pit refuels. Performs preflight, thru-flight, end-of-runway, postflight, special inspections and phase inspections. Advises on problems, maintenance, servicing, and inspection of aircraft and related aerospace equipment. Uses technical data to diagnose and solve maintenance problems on aircraft systems. Interprets and advises on maintenance procedures and policies to repair aircraft and related equipment.
2.2. Inspects, troubleshoots, and maintains aircraft structures, engines, hydraulic, and other related systems, components, and related equipment. Removes and installs aircraft and engine components. Conducts operational checks and repairs components and systems. Performs ground engine operation. Adjusts, aligns, and rigs aircraft systems. Accomplishes weight and balance functions. Supervises and performs aircraft jacking, lifting, and towing operations.
2.3. Supervises and performs aircraft, engine, and component inspections. Interprets inspection findings and determines adequacy of corrective actions. Inspects and checks components for clearances, tolerances, proper installation, and operation. Performs pre-use inspections and operates powered and non-powered aerospace ground equipment. Inspects and identifies aircraft corrosion for prevention and repair. Reviews maintenance forms, aircraft records, automated maintenance data systems, and historical reports to ensure complete documentation. Inventories and maintains aircraft equipment.
2.4. Coordinates maintenance plans and schedules to meet operational requirements. Supervises and assists in launching and recovering aircraft. Reviews maintenance data collection summaries to determine trends and production effectiveness. Performs crash recovery duties. Performs staff and supervisory management functions.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: principles applying to aircraft systems; flight theory; hydraulic principles; electrical theory; principles, concepts, and application of maintenance directives and data reporting; using technical data; technical order use; Air Force supply and deficiency reporting procedures; and proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. For entry into this specialty completion of high school is mandatory. Completion of related vocational courses is highly desirable.
3.3. Training.
3.3.1. For award of AFSC 2A337X, completion of a suffix specific basic aircraft maintenance course is mandatory.
3.3.2. For award of AFSC 2A377, complete craftsman aircraft maintenance course, if applicable.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A357X. Qualification in and possession of AFSC 2A337X.
3.4.2. 2A377. Qualification in and possession of AFSC 2A357X.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs:
3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment. For award and retention of AFSC 2A3X7/X, completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. ***Specialty Shredouts:**

Suffix	*Primary Aircraft*
A	F-22
B	F-35

CEM Code 2A500
AFSC 2A590, Superintendent

AIRLIFT/SPECIAL MISSION AIRCRAFT MAINTENANCE SUPERINTENDENT
(Changed 31 Oct 24)

1. **Specialty Summary.** Manages maintenance and staff activities engaged in planning, inspecting, repairing, and servicing airlift; special mission; bomber, intelligence, surveillance, and reconnaissance; and vertical lift aircraft and support equipment (SE). Related DoD Occupational Subgroup: 160000.

2. **Duties and Responsibilities:**
2.1. Plans and organizes aircraft maintenance activities. Plans, organizes, and manages maintenance activities for repair of aircraft, remotely piloted aircraft (RPA) helicopters, and associated SE. Responsible for maintenance planning and inspecting. Coordinates with supply, operations, and other support activities to improve procedures and resolve problems.
2.2. Directs aircraft maintenance activities. Evaluates and directs processes used in inspecting, maintaining, repair, and servicing aircraft, components, helicopters, and SE. Prioritizes maintenance and repair functions. Supervises preparation of maintenance forms for aircraft repair, inspection, and parts replacement and helicopter maintenance. Directs aircraft battle damage repair and crash recovery operations.
2.3. Inspects and evaluates aircraft maintenance activities. Inspects maintenance performed on airlift/special mission aircraft, systems, and components. Evaluates maintenance units to determine operational status and to provide assistance in solving maintenance, supply, and personnel problems. Interprets and discusses inspection findings and recommends action to correct deficiencies.
2.4. Performs aircraft maintenance management functions. Resolves problems and interprets technical publications for inspecting, maintaining, and modifying aircraft, helicopters, and SE. Ensures submission of deficiency reports. Ensures funds and resources are projected to support the maintenance effort and are managed to optimize mission accomplishment. Ensures unit meets mobility requirements.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: principles applying to cyber security; aircraft systems; flight theory; hydraulic principles; electrical theory; principles, concepts, and application of maintenance directives and data reporting; interpreting and using maintenance data reports and technical orders; Air Force supply and deficiency reporting procedures; resource management to include manpower; and proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 2A590, qualification in and possession of AFSC 2A57X, 2A671C, 2A671H, or 2A974/A is mandatory. Also, experience is mandatory managing or directing functions such as inspecting and maintaining aircraft, helicopters, and SE.
3.5. Other.
3.5.1. For award and retention of these AFSCs:
3.5.1.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.1.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment.
3.5.1.3. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.

AFSC 2A571, Craftsman
AFSC 2A551*, Journeyman
AFSC 2A531*, Apprentice
AFSC 2A511*, Helper

AIRLIFT/SPECIAL MISSION AIRCRAFT MAINTENANCE
(Changed 31 Oct 24)

1. **Specialty Summary.** Maintains aircraft, support equipment, forms, and records. Performs and supervises flight chief, expediter, crew chief, repair and reclamation, quality assurance and maintenance support functions. Related DoD Occupational Subgroup: 160000.

2. **Duties and Responsibilities:**
2.1. Performs sortie generation, ground handling, and servicing operations. Performs aircraft inspections such as preflight, thru-flight, postflight, hourly postflight, special inspections, and isochronal inspections. Advises on problems, maintenance, servicing, and inspection of aircraft and related aerospace equipment. Uses technical data to diagnose and solve maintenance problems on aircraft systems. Interprets and advises on maintenance procedures and policies to repair aircraft and related equipment.
2.2. Inspects, troubleshoots, and maintains aircraft structures, engines, hydraulic, and other related systems, components, and equipment. Removes and installs aircraft and engine components. Conducts operational checks and repairs components and systems. Performs ground engine operation. Adjusts, aligns, and rigs aircraft systems. Accomplishes weight and balance functions. Supervises and performs aircraft jacking, lifting, and towing operations.
2.3. Supervises and performs aircraft, engine, and component inspections. Interprets inspection findings and determines adequacy of corrective actions. Inspects and checks components for clearances, tolerances, proper installation, and operation. Performs pre-use inspections and operates powered and non-powered aerospace ground equipment. Inspects and identifies aircraft corrosion for prevention and repair. Reviews maintenance forms, aircraft records, automated maintenance data systems, and historical reports to ensure complete documentation. Inventories and maintains alternate mission equipment. Inventories and maintains aircraft equipment.
2.4. Coordinates maintenance plans and schedules to meet operational requirements. Supervises and assists in launching and recovering aircraft. Reviews maintenance data collection summaries to determine trends and production effectiveness. Performs crash recovery duties. Performs staff and supervisory management functions.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: principles applying to aircraft systems; flight theory; hydraulic principles; electrical theory; principles, concepts, and application of maintenance directives and data reporting; using technical data; Air Force supply and deficiency reporting procedures; and proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. For entry into this specialty, completion of high school is mandatory. Completion of related vocational courses is highly desirable.
3.3. Training.
3.3.1. For award of AFSC 2A531X, completion of a suffix specific basic aircraft maintenance course is mandatory.
3.3.2. For award of AFSC 2A571, complete craftsman aircraft maintenance course, if applicable.
3.4. Experience. The following experience is mandatory for award of AFSC indicated:
3.4.1. 2A551. Qualification in and possession of AFSC 2A531X or previous award of 2A338X.
3.4.2. 2A571. Qualification in and possession of AFSC 2A551 or previous award of 2A358X.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs:
3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment. For award and retention of AFSCs 2A5X1/X, completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. ***Specialty Shredouts:**

Suffix	*Primary Aircraft*
A	C-20/C-21/C-22/C-37/C-40/E-4/VC- 25
B	C-130/C-27J
M	MQ-1/9

Suffix	*Primary Aircraft*
C	C-5
D	C-17
R	RQ-4

NOTE: Suffixes are applicable to the 1-, and 3 skill levels only.

AFSC 2A572, Craftsman
AFSC 2A552*, Journeyman
AFSC 2A532*, Apprentice
AFSC 2A512*, Helper

★HELICOPTER/TILTROTOR AIRCRAFT MAINTENANCE
(Changed 31 Oct 25)

1. **Specialty Summary**. Maintains helicopter/tiltrotor aircraft, support equipment, forms, and records. Performs and supervises flight chief, expediter, crew chief, quality assurance and maintenance support functions. Related DoD Occupational Subgroup: 160000.

2. ★**Duties and Responsibilities:**
2.1. Performs sortie generation, ground handling, and servicing operations. Performs aircraft inspections such as preflight, thru-flight, postflight, hourly postflight, special inspections, and phase inspections. Advises on problems, maintenance, servicing, and inspection of aircraft and related aerospace equipment. Uses technical data to diagnose and solve maintenance problems on aircraft systems. Interprets and advises on maintenance procedures and policies to repair aircraft and related equipment.
2.2. ★Inspects, troubleshoots, and maintains aircraft structures, engines, hydraulic, and other related systems, components, and equipment. Checks installed components for proper operation. Adjusts, aligns, and calibrates aircraft systems. Rigs, tracks, and balances rotor systems to include in-flight balancing. Removes and installs aircraft and engine components. Prepares and maintains inspection and maintenance records. Inventories and inspects alternate mission equipment. Prepares, disassembles, and reassembles aircraft before and after shipment. Performs aircraft weight and balance.
2.3. Supervises and performs aircraft, engine, and component inspections. Interprets inspection findings and determines adequacy of corrective actions. Inspects and checks components for clearances, tolerances, proper installation, and operation. Performs pre-use inspections and operates powered and non-powered aerospace ground equipment. Inspects and identifies aircraft corrosion for prevention and repair. Reviews maintenance forms, aircraft records, automated maintenance data systems, and historical reports to ensure complete documentation.
2.4. Coordinates maintenance plans and schedules to meet operational requirements. Supervises and assists in launching and recovering aircraft. Reviews maintenance data collection summaries to determine trends and production effectiveness. Performs crash recovery duties. Performs staff and supervisory management functions.

3. ★**Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: principles applying to aircraft systems; flight theory; hydraulic principles; electrical theory; principles, concepts, and application of maintenance directives and data reporting; using technical data; technical order use; Air Force supply and deficiency reporting procedures; and proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. For entry into this specialty, completion of high school is mandatory. Completion of related vocational courses is highly desirable.
3.3. Training.
3.3.1. For award of AFSC 2A532X, completion of a suffix specific basic aircraft maintenance course is mandatory.
3.3.2. For award of AFSC 2A572, complete craftsman aircraft maintenance course, if applicable.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A552X. Qualification in and possession of AFSC 2A532X
3.4.2. 2A572. Qualification in and possession of AFSC 2A552X.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty, the following are mandatory:
3.5.1.1. ★Normal color vision as defined in DAFMAN 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs:
3.5.2.1. ★Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and DAFMAN 17-1301, *Computer Security (COMPUSEC).*
3.5.2.2. ★Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment. For award and retention of AFSC 2A5X2/X, completion of a current T3 Investigation required IAW DoDM 5200.02, DAFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
★***NOTE:*** Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, DAFMAN 16 -1405.
4. ***Specialty Shredouts:**

Suffix	*Primary Aircraft*
B	H-60
D	CV-22
E	MHU-139

NOTE: Suffixes B, D, and E are applicable to the 1-, 3-, and 5-skill levels only.

AFSC 2A574, Craftsman
AFSC 2A554*, Journeyman
AFSC 2A534*, Apprentice
AFSC 2A514*, Helper

REFUEL/BOMBER AIRCRAFT MAINTENANCE
(Changed 31 Oct 23)

1. **Specialty Summary.** Maintains aircraft, support equipment, and forms and records. Performs and supervises flight chief, expediter, crew chief, repair and reclamation, quality assurance, and maintenance support functions. Related DoD Occupational Subgroup: 160000.

2. **Duties and Responsibilities:**
2.1. Performs sortie generation, ground handling, and servicing operations. Performs aircraft inspections such as preflight, thru-flight, postflight, hourly postflight, special inspections, and phase or isochronal inspections. Advises on problems, maintenance, servicing, and inspection of aircraft and related aerospace equipment. Uses technical data to diagnose and solve maintenance problems on aircraft systems. Interprets and advises on maintenance procedures and policies to repair aircraft and related equipment.
2.2. Inspects, troubleshoots, and maintains aircraft structures, engines, hydraulic, and other related systems, components, and related equipment. Removes and installs aircraft and engine components. Conducts operational checks and repairs components and systems. Performs ground engine operation. Adjusts, aligns, and rigs aircraft systems. Accomplishes weight and balance functions. Supervises and performs aircraft jacking, lifting, and towing operations.
2.3. Supervises and performs aircraft, engine, and component inspections. Interprets inspection findings and determines adequacy of corrective actions. Inspects and checks components for clearances, tolerances, proper installation, and operation. Performs pre-use inspections and operates powered and non-powered aerospace ground equipment. Inspects and identifies aircraft corrosion for prevention and repair. Reviews maintenance forms, aircraft records, automated maintenance data systems, and historical reports to ensure complete documentation. Inventories and maintains aircraft equipment.
2.4. Coordinates maintenance plans and schedules to meet operational requirements. Supervises and assists in launching and recovering aircraft. Reviews maintenance data collection summaries to determine trends and production effectiveness. Performs crash recovery duties. Performs staff and supervisory management functions.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: principles applying to aircraft systems; flight theory; hydraulic principles; electrical theory; principles, concepts, and application of maintenance directives and data reporting; using technical data; technical order use; Air Force supply and deficiency reporting procedures; and proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. For entry into this specialty completion of high school is mandatory. Completion of related vocational courses is highly desirable.
3.3. Training.
3.3.1. For award of AFSC 2A534X, completion of a suffix specific basic aircraft maintenance course is mandatory.
3.3.2. For award of AFSC 2A574, complete craftsman aircraft maintenance course, if applicable.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A554X. Qualification in and possession of AFSC 2A534X.
3.4.2. 2A574. Qualification in and possession of AFSC 2A554X.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty, the following are mandatory:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs:
3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment. For award and retention of AFSC 2A5X4/X, completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
3.5.2.3. ***NOTE:*** Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. ***Specialty Shredouts:**

Suffix	*Primary Aircraft*	*Suffix*	*Primary Aircraft*

A	Any C-135/E-3/E-8
B	KC-10
C	KC-46
D	B-52

E	B-1
F	B-2
H	B-21

NOTE: Suffixes are applicable to the 1-, 3-, and 5- skill levels only.

CEM code 2A600

AIRCRAFT SYSTEMS
(Established 31 Oct 17)

1. **Specialty Summary.** Leads and manages aircraft maintenance functions and activities associated with planning, inspecting, repairing, modifying, and maintaining aircraft systems and subsystems to include common Support Equipment (SE). Related DoD Occupational Subgroups: 110200, 119800160100, 160200, 160300, 170000, and 176000.

2. **Duties and Responsibilities.**
2.1. Plans and organizes organizational, intermediate and depot level aircraft maintenance activities. Plans, organizes, and manages maintenance activities for repair of aircraft and associated SE. Responsible for maintenance planning and inspecting. Coordinates with supply, operations, and other support activities to improve procedures and resolve problems.
2.2. Directs aircraft maintenance activities. Evaluates processes used in inspecting, maintaining, and servicing aircraft, components, and SE. Prioritizes maintenance and repair functions. Supervises preparation of maintenance forms for aircraft repair, inspection, and parts replacement. Directs aircraft battle damage repair and crash recovery operations.
2.3. Evaluates maintenance units to determine operational status and to provide assistance in solving maintenance, supply, and personnel problems. Interprets and discusses inspection findings and recommends action to correct deficiencies.
2.4. Performs aircraft maintenance management functions. Resolves problems and interprets technical publications for inspecting, maintaining, and modifying aircraft and SE. Ensures submission of deficiency reports. Ensures funds and resources are projected to support maintenance effort and are managed to optimize mission accomplishment. Ensures unit meets mobility requirements.

3. **Specialty Qualifications.**
3.1. Knowledge. Knowledge is mandatory of principles applying to aircraft maintenance, policies and procedures in the Avionics, Accessories, Propulsion, AGE, and Fabrication career fields.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. For award of CEM 2A600, qualification in and possession of AFSC 2A090, 2A690, 2A691, 2A692, or 2A790 is mandatory.
3.5. Other. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301 *Computer Security.*

AFSC 2A691, Superintendent
AFSC 2A671*, Craftsman
AFSC 2A651*, Journeyman
AFSC 2A631*, Apprentice
AFSC 2A611*, Helper

AEROSPACE PROPULSION
(Changed 31 Oct 24)

1. **Specialty Summary.** Inspects, maintains, modifies, tests, and repairs propellers, turboprop and turboshaft engines, jet engines, small gas turbine engines, and engine ground support equipment (SE). Manages aerospace propulsion functions and activities. Related DOD Occupational Subgroup: 160100.

2. **Duties and Responsibilities:**
2.1. Plans, organizes, and directs aerospace propulsion maintenance activities. Interprets and implements directives and publications pertaining to maintenance functions, including environmentally safe maintenance practices. Determines resource requirements, including facilities, equipment, and supplies. Inspects and evaluates maintenance activities.
2.2. Advises, performs troubleshooting, performs engine health management, and determines repair procedures on aircraft engines. Diagnoses and repairs malfunctions using technical publications and Interactive Electronics Technical Manuals (IETMS). Solves maintenance problems by studying drawings, wiring and schematic diagrams, technical instructions, and analyzing operating characteristics of aircraft engines and propellers. Inspects, certifies, and approves completed maintenance actions.
2.3. Removes, installs, inspects, repairs, and modifies engines, engine modules and components, and propellers and propeller components. Disassembles and assembles engines and propellers adhering to prescribed procedures. Prepares engines and propellers for installation, storage, or transportation. Tests components using bench mockups and test equipment. Installs and removes engines on test stands, and operates, evaluates, and performs test stand functions on engines. Accomplishes operator maintenance on test stands. Inspects and maintains engine ground SE. Operates and performs operator inspections on related SE. Selects, uses, and cares for special tools, hand tools, and test equipment. Uses and disposes of hazardous waste and materials.
2.4. Analyzes, interprets, and recommends maintenance actions based on unscheduled engine removals and engine monitoring system data. Coordinates with the base engine manager to analyze scheduled engine removals; recommends forecast actions to the weekly or monthly maintenance schedules.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: mechanical, hydro mechanical, electrical, and hydraulics principles applying to jet and turboprop engines, and propellers; oil analysis principles; wear metal criteria and guidelines; concepts and application of maintenance directives; using and interpreting diagrams and technical publications; and the proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. For entry into this specialty, completion of high school with courses in general science, mechanics, or mathematics is desirable.
3.3. Training. For award of AFSC 2A631C/D/E or H, completion of a basic, suffix specific, aerospace propulsion maintenance course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A651C. Qualification in and possession of AFSC 2A631C. Also, experience in functions such as installing, maintaining, isolating malfunctions, or repairing aircraft turbine engines.
3.4.2. 2A651F. Qualification in and possession of AFSC 2A631D or 2A631E. Also, experience in functions such as installing, maintaining, or repairing aircraft turbine engines or propellers.
3.4.3. 2A651H. Qualification in and possession of AFSC 2A631H. Also, experience in functions such as installing, maintaining, isolating malfunctions, or repairing aircraft turbine engines or propellers.
3.4.4. 2A671C. Qualification in and passion of AFSC 2A651C. Also, experience performing or supervising repair functions involving installation, repair, analyzing and isolating malfunctions, testing, or modification of engines.
3.4.5. 2A671F. Qualification in and possession of AFSC 2A651F. Also, experience performing or supervising functions involving installation, repair, analyzing and isolating malfunctions, testing, or modification of engines.
3.4.6. 2A671H. Qualification in and possession of AFSC 2A651H. Also, experience performing or supervising functions involving installation, repair, analyzing and isolating malfunctions, testing, or modification of engines and/or propellers.
3.4.7. 2A691. Qualification in and possession of AFSC 2A671F. Also, experience managing or directing repair activities for aerospace aircraft engines, propellers, and associated maintenance functions.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards.*
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs:

3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment.
3.5.2.3. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. ***Specialty Shredouts:**

Suffix	*Primary Aircraft*
C	TF33, CF6, F103, F108, F117, TFE-731, TF39, PW 2040, F138 and F139 Jet Engines (Airlift, Tanker, Special Mission, and B-52 aircraft)
D	F100 and F119 Jet Engines (F-15, F16, and F-22 aircraft)
E	F101, F110, F118, TF34 Jet Engines (A-10, B-1, B-2, F-16, and U-2 aircraft)

Suffix	*Primary Aircraft*
F	F100, F101, F110, F118, F119, TF34 Jet Engines (A-10, B-1, B-2, F-15, F-16, F-22, F-35, and U-2 aircraft)
H	T700, T108 and T56 Turboprop and Turboshaft Engines (HH-60, MC-12, and C-130)

NOTE: Shredout C is applicable at the 1-, 3-, 5-, and 7- skill levels only.
Shredout D is applicable at the 1- and 3-skill levels only.
Shredout E is applicable at the 1- and 3-skill levels only.
Shredout F is applicable at the 5- and 7- skill level only.
Shredout H is applicable at the 1- 3-, 5-, and 7-skill levels only.

AFSC 2A692, Superintendent
AFSC 2A672, Craftsman
AFSC 2A652, Journeyman
AFSC 2A632, Apprentice
AFSC 2A612, Helper

AEROSPACE GROUND EQUIPMENT
(Changed 30 Apr 19)

1. **Specialty Summary**. Maintains aerospace ground equipment (AGE) to support aircraft systems or subsystems. Manages AGE functions and activities. Related DoD Occupational Subgroup: 160200.

2. **Duties and Responsibilities:**
2.1. Performs scheduled and unscheduled maintenance on AGE. Inspects, tests, and operates AGE to determine equipment serviceability and proper operation. Diagnoses mechanical and electronic circuitry malfunctions using visual and auditory senses, test equipment, and technical publications. Removes, disassembles, repairs, cleans, treats for corrosion, assembles, and reinstalls AGE accessories and components. Stencils and marks AGE. Services equipment with fuel, oil, coolant, water, hydraulic fluid, and air. Operates, cleans, inspects, and services AGE towing vehicles. Maintains vehicle forms. Provides dispatch service for AGE, including positioning equipment to support aircraft maintenance and flying operations.
2.2. Diagnoses malfunctions and repairs AGE. Evaluates and performs troubleshooting on AGE before assigning repair action. Inspects and approves completed maintenance actions. Prepares AGE for storage, shipment, and mobility deployment. Solves repair problems by studying drawings, wiring diagrams and schematics, and technical publications. Uses automated maintenance system to monitor maintenance trends, analyze equipment requirements, maintain equipment records, and document maintenance actions. Analyzes and repairs ground support equipment using conventional and digital multimeters, voltmeters, ohmmeters, oscilloscopes, circuit card testers and hand tools. Maintains AGE external fuel and grounding systems. Performs battery serviceability checks. Stores, handles, uses, and disposes of hazardous material and waste according to environmental standards.
2.3. Plans and organizes AGE maintenance activities. Establishes production controls and standards. Interprets and implements policy directives and instructions pertaining to maintenance, including environmentally safe maintenance practices. Determines resource requirements, including facilities, training, equipment, and supplies. Inspects maintenance activities, evaluates resource use, and recommends corrective actions. Determines equipment serviceability criteria when it does not exist.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: principles of electricity, electronics, general mechanics, heating, refrigeration, pneumatics, hydraulics, and reciprocating and turbine engines; troubleshooting, inspecting, repairing, and modifying equipment; use of automated maintenance systems; application of maintenance management techniques; interpretation of maintenance directives, technical publications, drawings, wiring diagrams and schematics; and proper identification, handling, use, and disposal of hazardous waste materials.
3.2. Education. For entry into this specialty, completion of high school with courses in general science and industrial arts is desirable.
3.3. Training. For award of AFSC 2A632, completion of the AGE initial skills course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A652. Qualification in and possession of AFSC 2A632. Also, experience in functions such as inspecting, modifying, or repairing AGE.
3.4.2. 2A672. Qualification in and possession of AFSC 2A652. Also, experience performing or supervising functions such as inspecting, modifying, repairing, or troubleshooting AGE.
3.4.3. 2A692. Qualification in and possession of AFSC 2A672. Also, experience managing AGE functions and activities.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.1.3. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*
3.5.2. For award and retention of these AFSCs:
3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 2A690, Superintendent

AIRCRAFT ACCESSORIES
(Changed 31 Oct 17)

1. **Specialty Summary.** Manages maintenance functions in aircrew egress systems and aircraft fuel, in-flight refueling, hydraulic, electrical, and environmental systems. Related DoD Occupational Subgroup: 160200.

2. **Duties and Responsibilities:**
2.1. Plans and organizes aircraft systems maintenance activities. Interprets and implements maintenance directives and publications, including environmentally safe maintenance practices. Establishes production controls and standards. Analyzes maintenance reports of egress, fuel, inflight refueling, hydraulic, and electrical and environmental aircraft systems. Determines resource requirements. Coordinates with supply, operations, and other activities to improve procedures and resolve problems.
2.2. Directs, controls, and performs aircraft systems maintenance activities. Directs maintenance personnel employed in removing, disassembling, inspecting, repairing, reassembling, installing, testing, and modifying egress, fuel, hydraulic, in-flight refueling, and electrical and environmental aircraft systems and components. Solves maintenance problems with aircraft systems and related equipment.
2.3. Inspects and evaluates aircraft systems maintenance work and activities. Evaluates work for compliance with directives, policies, and standards. Inspects maintenance activities and evaluates resource use. Interprets inspection findings and recommends corrective action.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: mechanical principles; electrical, fuel, hydraulics, egress, and pressure systems; concepts and application of maintenance directives; interpreting wiring and schematic diagrams, blueprints, and technical publications; and proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 2A690, qualification in and possession of AFSC 2A673, 2A674, 2A675, or 2A676 is mandatory. Also, experience is mandatory directing functions such as installing, maintaining, repairing, overhauling, or modifying aircrew egress systems; aircraft fuel and in-flight refueling systems; aircraft and equipment hydraulic systems; or aircraft and equipment electrical and environmental systems.
3.5. Other. For award and retention of these AFSC's, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 2A673, Craftsman
AFSC 2A653, Journeyman
AFSC 2A633, Apprentice
AFSC 2A613, Helper

AIRCREW EGRESS SYSTEMS
(Changed 31 Jan 12)

1. **Specialty Summary.** Maintains aircraft egress systems with ejection seats, canopies, and hatches; explosive components; electro-explosive devices (EED); subsystems; and related support equipment (SE). Related DoD Occupational Subgroup: 160200.

2. **Duties and Responsibilities:**
2.1. Advises on and solves installation, maintenance, and repair problems by studying schematic and technical publications. Diagnoses malfunctions and recommends corrective action. Implements maintenance and safety policies for egress systems and integral egress system components to include personnel parachute assemblies and survival kits.
2.2. Performs scheduled and unscheduled maintenance on egress systems. Removes, installs, and modifies egress systems. Ensures egress explosive cartridge activated devices (CAD), pressure activated devices (PAD), and EEDS are safe or de-armed prior to performing maintenance. Performs operational and functional tests of egress systems, subsystems, and components using test equipment and test kits. Applies corrosion control procedures to escape systems and related components. Operates and maintains related SE. Uses maintenance information systems (MIS) to monitor maintenance trends, analyze equipment requirements, maintain equipment records, document maintenance actions, and time change database.
2.3. Performs integrity inspections of the escape system. Inspects egress systems, subsystems, and components for safety, security, and serviceability. Inspects and determines serviceability of CAD, PAD and EED devices based on shelf and service life limits. Handles, labels, and disposes of hazardous waste and materials according to federal and local environmental standards.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of mechanical, pneumatic, and electrical principles applying to aircrew egress systems; concepts and application of applicable maintenance directives; and using and interpreting schematic drawings, and technical publications.
3.2. Education. For entry into this specialty, completion of high school with courses in general science or mathematics is desirable.
3.3. Training. For award of AFSC 2A633, completion of a basic aircrew egress system maintenance course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A653. Qualification in and possession of AFSC 2A633. Also, experience in functions such as removing, inspecting, installing, repairing, and modifying aircrew egress systems and components.
3.4.2. 2A673. Qualification in and possession of AFSC 2A653. Also, experience performing, or supervising functions involved in maintaining and inspecting egress systems and subsystems.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 2A674, Craftsman
AFSC 2A654, Journeyman
AFSC 2A634, Apprentice
AFSC 2A614, Helper

★AIRCRAFT FUEL SYSTEMS
(Changed 31 Oct 25)

1. ★**Specialty Summary**. Removes, repairs, inspects, installs, and troubleshoots aircraft fuel systems including integral fuel tanks, bladder cells, and external tanks. Maintains associated hardware and equipment. Related DoD Occupational Subgroup: 160200.

2. **Duties and Responsibilities:**
2.1. Advises on aircraft fuel systems removal, repair, and installation maintenance procedures and policies. Diagnoses fuel system and component malfunctions. Recommends corrective actions and resolves problems using technical publications and analytic techniques.
2.2. Performs maintenance on aircraft fuel tanks and cells. Removes access panels, and depuddles, purges, repairs, and tests fuel tanks and cells. Performs entry and maintenance in confined spaces. Removes, repairs, and replaces malfunctioning components. Prepares aircraft surfaces, and applies sealants, adhesives, and associated chemicals.
2.3. Supervises, inspects, and evaluates aircraft fuel systems maintenance activities. Cleans fuel cells and tanks, and inspects for foreign objects, corrosion, cell deterioration, and fungus. Stores, handles, uses, and disposes of hazardous material and waste. Initiates deficiency reports, maintenance analysis documents, technical data changes, and equipment records. Records information on data collection forms and automated systems.

3. ★**Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: internal hardware such as valves, interconnects, lines, gauges, controls, pumps, and other attachments; sealing materials; sheet metal parts; rubber properties and organic sealing compound applications; layout drawing use; technical publications; concepts and applications of maintenance directives; work policies and procedures; and proper handling, use, and disposal of hazardous waste and material.
3.2. Education. For entry into this specialty, completion of high school with courses in general science or physics is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 2A634. Completion of a basic aircraft fuel systems maintenance course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. ★2A654. Qualification in and possession of AFSC 2A634. Also, experience in functions such as installing, repairing, or troubleshooting aircraft fuel systems and related components.
3.4.1.1. ★Career Development Program (CDP) 2A654, *Aircraft Fuel Systems Journeyman*, is required for upgrade to the 5-skill level.
3.4.2. ★2A674. Qualification in and possession of AFSC 2A654. Also, experience supervising functions such as installing, repairing, or troubleshooting aircraft fuel systems.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. ★Normal color vision as defined in DAFMAN 48-123, *Medical Examinations and Standards.*
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs: must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 2A675, Craftsman
AFSC 2A655, Journeyman
AFSC 2A635, Apprentice
AFSC 2A615, Helper

AIRCRAFT HYDRAULIC SYSTEMS
(Changed 31 Jan 12)

1. **Specialty Summary**. Troubleshoots, removes, repairs, overhauls, inspects, adjusts, installs, and tests aircraft hydraulic and In-flight Refueling (IFR) systems and components, including support equipment (SE). Related DoD Occupational Subgroup: 160200.

2. **Duties and Responsibilities:**
2.1. Advises on problems maintaining aircraft hydraulic systems. Determines maintenance procedures and performance characteristics using technical publications. Inspects, operates, troubleshoots, removes, repairs, overhauls, and installs aircraft hydraulic and pneumatic systems and components, including SE. Identifies and isolates malfunctions, services, bleeds, bench checks, rigs, and performs adjustments to aircraft hydraulic components, associated electrical components, power systems, landing gear, nose wheel steering, brakes, flight controls, weapons and cargo door systems, air refueling receiving systems, IFR systems, hoist and winch systems, engine start systems, recovery systems, arresting gear, air induction systems, and canopy systems.
2.2. Inspects and pressure tests hydraulic hose and tube assemblies. Drains and flushes hydraulic systems. Overhauls, repairs, adjusts, aligns, and tests hydraulic system and sub-system components. Fabricates and bench checks hose assemblies. Operates and maintains shop equipment.
2.3. Uses hydraulic, pneumatic, electrical/electronic principles and fundamentals, technical orders, and schematic diagrams to isolate malfunctions. Records pertinent data on equipment maintenance data collection forms and enters data into Maintenance Information Systems. Maintains inspection and maintenance records. Recommends methods to improve equipment, performance, and maintenance procedures. Handles, labels, and disposes of hazardous materials and waste according to federal, state, and local environmental standards.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: electrical/electronic, and mechanical principles applying to aircraft hydraulic systems; concepts and application of maintenance directives; use and interpretation of schematic/wiring diagrams, blueprints, and technical orders; and proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. For entry into this specialty, completion of high school with courses in basic electronics, mathematics, general science, and mechanics is desirable.
3.3. Training. Completion of a basic aircraft hydraulic systems apprentice course is mandatory for award of AFSC 2A635.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A655. Qualification in and possession of AFSC 2A635. Also, experience in functions such as removing and installing system components, performing operational checks, troubleshooting simple malfunctions using system schematics, and repairing hydraulic, mechanical, and electrical/electronic systems, components, and SE.
3.4.2. 2A675. Qualification in and possession of AFSC 2A655. Also, experience performing or supervising maintenance functions in repair of aircraft hydraulic, mechanical, and electrical/electronic systems, components, and SE.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs: must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 2A676, Craftsman
AFSC 2A656, Journeyman
AFSC 2A636, Apprentice
AFSC 2A616, Helper

AIRCRAFT ELECTRICAL AND ENVIRONMENTAL SYSTEMS
(Changed 31 Jan 12)

1. **Specialty Summary.** Performs and supervises aircraft electrical and environmental (E & E) functions and activities. Troubleshoots, inspects, removes, installs, repairs, modifies, overhauls, and operates integrated E & E systems, components, and associated support equipment. Related DoD Occupational Subgroup: 160200.

2. **Duties and Responsibilities:**
2.1. Inspects, troubleshoots, and maintains aircraft E & E systems, subsystems, components, and associated test equipment. E & E on-equipment systems include direct and alternating current; gas turbine compressors and auxiliary power units; landing gear, anti-skid, and nose wheel steering; electronic engine control, ignition, and starting; lighting; master caution and warning; take-off warning; flight control; cargo door and cargo delivery equipment; non-electro static application (NESA) windows; anti-icing; fire and overheat warning; fire extinguishing and suppression; fuel control; liquid cooling; air conditioning, bleed air, cabin pressurization, and auxiliary pressurization; oxygen; and aircraft utility systems.
2.2. Performs off-equipment maintenance on E & E system components and associated test equipment. Included are control, protection, caution, and warning panels; lighting equipment; frequency and load controls; anti-icing controllers; inverters; voltage regulators; nose wheel steering and anti-skid amplifiers; generators and integrated drive generators; actuators, relays, motors, and valves; lighting equipment; fire and overheat panels; fire extinguishing equipment; aircraft batteries; aircraft oxygen system components and special equipment testers. Performs cryogenic maintenance on mobile aircraft servicing units. Maintains, repairs, and fabricates electrical wiring, harnesses, and connectors. Uses electrical, electronic, pneumatic, and other test and support equipment. Maintains compressed gas equipment.
2.3. Inspects and evaluates aircraft E & E maintenance activities. Determines operational status of assigned assets. Interprets inspection findings and determines corrective actions. Ensures compliance with technical publications and directives.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: electrical, electronic, and mechanical principles relating to E & E systems; concepts and application of maintenance directives; meaning of symbols used in wiring diagrams, blueprints, and schematics; and proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. For entry into this specialty, completion of high school with courses in basic electronics, mathematics, general science, and mechanics is desirable.
3.3. Training. For award of AFSC 2A636, completion of a basic aircraft E & E systems maintenance course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A656. Qualification in and possession of AFSC 2A636. Also, experience maintaining electrical, electronic, and environmental systems.
3.4.2. 2A676. Qualification in and possession of AFSC 2A656. Also, experience performing or supervising E & E maintenance.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards,* is mandatory.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs: must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 2A790, Superintendent

AIRCRAFT FABRICATION
(Changed 30 Apr 24)

1. **Specialty Summary**. Manages activities to accomplish aircraft structural maintenance, metals technology, and nondestructive inspection. Related DoD Occupational Subgroup: 170000.

2. **Duties and Responsibilities:**
2.1. Plans, organizes, and directs aircraft fabrication maintenance activities. Interprets and implements directives and publications pertaining to fabrication and airframe maintenance, including environmentally safe practices. Establishes production controls and standards. Analyzes maintenance management reports. Determines resource requirements, including personnel, equipment, facilities, and supplies. Coordinates with other activities to improve procedures and resolve problems.
2.2. Directs maintenance personnel employed in removing, disassembling, inspecting, repairing, treating corrosion, reassembling, installing, testing, and modifying aircraft structural components, survival equipment, and local manufacture activities. Solves fabrication, airframe, maintenance, local manufacture, and support equipment repair problems.
2.3. Inspects and evaluates fabrication maintenance activities. Evaluates completed work to determine operational status and compliance with directives, policies, and work standards. Manages resources, interprets inspection findings, and recommends corrective action. Manages the oil analysis program.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: aircraft structural maintenance, metals technology, and nondestructive inspection methods; characteristics and identification of aerospace and non-aerospace materials; concepts and application of maintenance directives; maintenance data reporting; and proper handling, storage, use, and disposal of hazardous waste and materials.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 2A790, qualification in and possession of AFSC 2A771/72/73 is mandatory. Also, experience is mandatory managing structural maintenance, low observable, metals technology, or nondestructive inspection specialties and functions.
3.5. Other. For award and retention of these AFSCs: must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 2A771, Craftsman
AFSC 2A751, Journeyman
AFSC 2A731, Apprentice
AFSC 2A711, Helper

★AIRCRAFT METALS TECHNOLOGY
(Changed 31 Oct 25)

1. **Specialty Summary.** Designs, welds, heat treats, fabricates, and machines precision tools, components, and assemblies for aerospace weapon systems and related support equipment (SE). Related DoD Occupational Subgroup: 170000.

2. ★**Duties and Responsibilities:**
2.1. ★Advises on metals machining, welding, designing, and production problems. Designs, manufactures, or modifies special precision tools, gauges, dies, and fixtures to facilitate metal working operations. Performs metals technology shop calculations such as determining cutting speeds and settings, welding processes, and preheat and postheat requirements. Welds, brazes, solders, and heat treats metals. Uses manual, additive manufacturing, and computer numerical controlled (CNC) metal working machines, mills, and lathes to manufacture and repair aircraft components and SE. Writes programs for CNC machines using manual and Computer Aided Design-Computer Aided Manufacturing (CAD-CAM) methods. Checks completed components and determines serviceability in accordance with drawings and specifications.
2.2. Disassembles, assembles, and fits component parts using machine screws, bolts, rivets, press fits, and welding techniques. Uses metal working equipment, tools, and supplies to produce surface finishing specifications for components. Extracts broken or damaged hardware. Checks components for wear tolerances using precision measuring devices.
2.3. Maintains and inspects hand tools and metal working machinery. Performs operator maintenance and service inspections on shop equipment and tools. Ensures lock out and tag out procedures are accomplished prior to maintenance on all equipment. Uses and disposes of hazardous waste and materials according to environmental standards.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: metal repair and fabrication processes; composition of metals and machinable materials; weld specifications; metal tempering; forging; mechanical drawings; use of precision measuring devices and tools; metal fabricating by oxyacetylene, metallic arc, and inert gas shielded arc; operation and capacity of metal working and welding equipment; use and fabrication of layout and fixture devices; safety codes and practices regarding equipment and supplies; hazards of explosive gasses, hazardous rays, and fumes; and proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. For entry into this specialty, completion of high school with courses in shop mathematics, metal working, or mechanical drawing is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. For award of AFSC 2A731, completion of a basic aircraft metals technology course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A751. Qualification in and possession of AFSC 2A731. Also, experience in functions such as gas and electric welding, boring, milling, shaping, grinding metal, or using precision measuring devices.
3.4.2. 2A771. Qualification in and possession of AFSC 2A751. Also, experience performing or supervising functions dealing with welding, using precision measuring devices, and machining.
3.5. Other. The following are mandatory as indicated:
3.5.1. See attachment 4 for entry requirements.
3.5.2. ★For entry, award, and retention of AFSCs 2A711/31/51/71: normal depth perception as defined in DAFI 48-123, *Medical Examinations and Standards*.
3.5.3. ★For award and retention of these AFSCs: must maintain local network access IAW DAFI 17-130, *Cybersecurity Program Management* and DAFMAN 17-1301, *Computer Security.*

AFSC 2A772, Craftsman
AFSC 2A752, Journeyman
AFSC 2A732, Apprentice
AFSC 2A712, Helper

★NONDESTRUCTIVE INSPECTION
(Changed 31 Oct 25)

1. **Specialty Summary**. Inspects aerospace weapon systems components and support equipment for structural integrity using nondestructive inspection methods and performs fluid analysis. Related DoD Occupational Subgroup: 176000.

2. ★**Duties and Responsibilities:**
2.1. Determines test method and prepares fluids and parts for nondestructive inspection. Interprets nondestructive inspection test results and provides information about defects to repair center. Analyzes wear metal content on engine lubricating oil and other fluids and recommends corrective action. Establishes radiation areas for radiographic operations. Computes and monitors personal exposure areas for radiographic operations, and monitors personnel exposure data.
2.2. ★Performs nondestructive inspection on structures, components, and systems. Detects flaws such as cracks, delaminations, voids, processing defects, and heat damage using penetrant, eddy current, magnetic particle, radiographic, optical, bond testing, oil analysis/wear debris, and ultrasonic test equipment. Determines metallurgical information of components according to alloy, temper, conductivity, and associated factors.
2.3. ★Operates, maintains, and inspects nondestructive equipment. Performs operator maintenance and service inspections on shop equipment and tools. Ensures lock out and tag out procedures are accomplished prior to maintenance on equipment. Handles and disposes of hazardous waste and materials.

3. ★**Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: characteristics of metals identification; wear metals identification and content; metal discontinuity and flaw detection; operation and maintenance of nondestructive test and oil analysis equipment; safety codes and practices; radiological safety and radiation monitoring procedures; technical orders and directives; and proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. For entry into this specialty, completion of high school with courses in mathematics, chemistry, industrial technology, physics, and shop is desirable. Also, completion of computer knowledge courses is desirable.
3.3. Training. For award of AFSC 2A732, completion of a basic nondestructive inspection course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. ★2A752. Qualification in and possession of AFSC 2A732. Also, experience in the interpretation of indications, process controls, equipment calibration and maintenance, safety directives, and hazardous waste programs.
3.4.2. ★For award of AFSC 2A752, completion of 2A752 myLearning Module is mandatory.
3.4.3. ★2A772. Qualification in and possession of AFSC 2A752. Also, experience supervising functions such as those involved in a nondestructive inspection laboratory, completion of 7-skill level upgrade tasks, and must obtain weld evaluation certification.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty, the following are mandatory:
3.5.1.1. ★Normal color vision as defined in DAFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. ★Near Vision Requirements. All Nondestructive Inspection personnel shall pass a near vision acuity test, utilizing one of the following tests/criteria: Jaeger No. 1 at not less than 12 inches (30.48 cm) or 20/25 (Snellen) at 16 inches (40.64 cm) ±1″ (2.54cm). The near vision test is required for only one eye either natural or corrected.
3.5.1.3. ★See Attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs: must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 2A773, Craftsman
AFSC 2A753, Journeyman
AFSC 2A733, Apprentice
AFSC 2A713 Helper

AIRCRAFT STRUCTURAL MAINTENANCE
(Changed 30 Apr 24)

1. **Specialty Summary.** Designs, repairs, modifies, and fabricates aircraft, metal, plastic, composite, advanced composite, low observables (LO) coatings, and bonded structural parts and components. Evaluates, installs, removes, and repairs LO coatings. Applies corrosion preservative treatments to aircraft, missiles, and support equipment (SE). Related DoD Occupational Subgroup: 160300.

2. **Duties and Responsibilities:**
2.1. Assembles and repairs structural and LO parts and components to meet requirements for preserving structural integrity and LO qualities. Assesses damage to aircraft structural components and LO coatings. Applies LO materials and coatings to aircraft. Assesses damage impacts to aircraft signatures. Performs assembly and repair on aircraft structures using special fasteners and adhesives. Inspects standard structural and LO repairs to ensure compliance with technical data specifications. Advises on structural and LO repair, modification, and corrosion protection treatment with respect to original strength, weight, and contour to maintain structural and LO integrity. Ensures aircraft component weight and balance is maintained. Inspects repairs for serviceability according to specifications and technical publications. Manufactures jigs, fixtures, forms, and molds. Uses metalworking equipment and tools to form, cut, bend, and fasten replacement or repair parts to damaged structures and components. Fabricates, repairs, and assembles cable and tubing assemblies for aerospace weapon systems and AGE/(SE). Maintains and inspects tools and equipment. Performs operator maintenance and service inspections on shop equipment and tools. Ensures lockout and tagout procedures are accomplished prior to performing shop equipment maintenance. Stores, handles, and disposes of hazardous waste and materials according to environmental standards.
2.2. Paints aircraft, missiles, and (SE). Identifies, removes, and treats corrosion using mechanical and chemical procedures. Applies corrosion protective and LO coatings. Applies aircraft paint schemes and markings. Removes Radar Absorbent Material (RAM) by sanding, scraping, or pulling using manual or powered methods. Fabricates repair parts from RAM utilizing cutting tools and adheres them to aircraft surfaces and fasteners using vacuum bags, fixtures, and other pressure-inducing processes. Applies scrim material to RAM and aircraft surfaces in preparation for RAM cover strip installation. Installs RAM cover strips to panel and skin gaps. Applies RAM pastes to aircraft surface gaps, voids, and sand/skives to ensure required contours. Repairs low-observable treatments on polycarbonate transparencies using edge sealing compounds, adhesives, primers, and conductive films. Performs repair actions to ceramic RAM coatings associated with engine hot areas and adjacent fairings using grit blasters and approved high temperature curing equipment. Inspects structures and components and determines operational status. Interprets inspection findings and determines corrective action adequacy. Posts entries and maintains maintenance and inspection records. Recommends methods to improve equipment performance and maintenance procedures. Uses automated maintenance systems. Inputs, validates, and analyzes data processed to automated systems. Clears and closes out completed maintenance discrepancies in automated maintenance systems.
2.3. Removes finishes and treatments by sanding, scraping, cutting, gouging, and pulling, using manual and powered methods. Sands surface finishes to specified depths and widths to prepare them for proper reapplication of finishes using manual and powered methods. Determines extent of damage and/or scope of task and performs finish and treatment removal tasks accordingly. Removes panel, door, and skin fasteners to gain access to aircraft interior and replaces fasteners following maintenance. Cleans aircraft exterior surfaces and gaps to prepare them for filler treatments, fairing materials, and other follow-on maintenance. Mixes multi-part adhesives, sealants, fillers, fairing materials, and organic topcoats. Uses maintainer-fabricated enclosures with environmental control units, heaters, and climate control equipment to stabilize repair sites. Applies, sands, and skives fillers and fairing materials to specifications for waviness, step condition, and aerodynamic smoothness. Applies organic low-observable topcoats and rain erosion materials using spray equipment, brushes, and rollers. Uses ambient and accelerated cure processes to cure adhesives, sealants, fillers, fairing materials, and organic topcoats. Uses planform alignment procedures to determine proper repair angles and dimensions for low observable finishes and treatments.
2.4. Inspects coatings, structures, and components to determine operational status. Interprets inspection findings and determines corrective actions. Posts entries and maintains maintenance and inspection records. Recommends methods to improve equipment performance and maintenance procedures. Uses Portable Maintenance Aids and automated maintenance systems. Evaluates structural damage to aircraft structures or items and applies appropriate repair procedures to include application of adhesive films, prepregs, foam, and tape, and scarfing, layup, vacuum bagging, and accelerated curing techniques. Performs inspection and repair procedures for graphite Bismaleimide resin, graphite epoxy woven fabric, and uni-directional assemblies to include the use of adhesive film, foam, tape, scarfing, lay-up, and bagging techniques associated with hot bonders. Selects core materials to complete repairs, makes templates to use as patterns, and assures proper ply orientation and de-bulking. Selects bond form and prepares tools; lay-up; mixes and applies two-part adhesives and sealants; installs temperature monitoring devices; cures adhesives; and otherwise completes repairs. Specifies curing process/specification to autoclave/curing oven operator for the part to be cured. Removes completed items from bond forms after the cure cycle. Inspects final assembly for visual damage or flaws. Inspects structures and components and determines operational status. Interprets inspection findings and determines corrective action adequacy.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: aircraft and LO construction features; identification and characteristics of aerospace materials; repair of coating, LO materials, metal, tubing, cable, plastic, fiberglass, bonded honeycomb, and composite/advanced composite structural components; shop drawing and sheet metal layout techniques; shop mathematics; corrosion identification, removal, repair, and prevention; cleaning of coatings, LO materials and metals; application of protective coatings, LO materials, and markings; proper use, mixing, and storage of acids, solvents, alcohol, caustics, primers, and paints; and proper handling and disposal of hazardous waste and materials.
3.2. Education. For entry into this specialty, completion of high school with courses in mathematics, algebra, chemistry, physics, mechanical drawing, and metal working is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. For award of AFSC 2A733, completion of a basic aircraft structural maintenance course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A753. Qualification in and possession of AFSC 2A733. Also, experience in functions such as fabricating, repairing, assembling, or installing aircraft metals, LO materials, plastics, fiberglass, composites, or honeycomb parts; or corrosion identification, removal, and applying coatings and markings.
3.4.2. 2A773. Qualification in and possession of AFSC 2A753. Also, experience supervising functions dealing with corrosion identification, prevention, and repair; applying protective coatings and markings; or fabricating, assembling, and repairing metal, fiberglass, composites, honeycomb, and plastics.
3.5. Other. The following are mandatory as indicated:
3.5.1. See attachment 4 for entry requirements.
3.5.2. For award and retention of these AFSCs: must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.1. Current special access for the specific weapon system program (F-22, F-35, B-2 or and/or B-21) is required IAW AFI 16-701, *The US Air Force Special Programs*, for assigned MDS. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment. Completion of a current T3 Investigation required IA DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory. Reinvestigation must be opened prior to expiration of current investigation.

AFSC 2A974*, Craftsman
AFSC 2A954*, Journeyman
AFSC 2A934*, Apprentice
AFSC 2A914*, Helper

★HEAVY AIRCRAFT INTEGRATED AVIONICS
(Changed 31 Oct 25)

1. **Specialty Summary**. Analyzes malfunctions, inspects, removes, maintains, and installs integrated communication/navigation/mission systems, integrated instrument and flight control systems, radar surveillance and integrated avionics systems. Performs and supervises avionics maintenance and general aircraft servicing and handling. Related DoD Occupational Subgroup: 119800.

2. **Duties and Responsibilities:**
2.1. Operates and maintains communication/navigation/mission systems, instrument and flight control systems, electronic warfare, radar surveillance and computer systems on airlift, bomber, vertical lift, special mission, and tanker aircraft. Operates integrated avionics systems to determine operational condition. Interprets equipment operation to isolate malfunctions in systems such as attack control, instrument, flight control, communications, navigation, networking systems, active/passive electronic systems, intelligence, surveillance, and reconnaissance systems. Traces data flow and wiring diagrams. Inspects, troubleshoots, and maintains aircraft wiring systems. Uses built-in test functions, test equipment, support aerospace ground equipment (AGE), and hand tools. Monitors equipment performance and detects and analyzes malfunctions.
2.2. Removes, installs, aligns, modifies, and checks integrated avionics system components. Installs, modifies, and maintains software and firmware. Ensures cryptography components are controlled and maintained IAW National Security Agency publications and directives. Performs intermediate or organizational maintenance level modifications.
2.3. Inspects integrated avionics systems, determines operational status, posts entries, and maintains inspection and maintenance records. Interprets inspection findings and determines corrective action. Reviews maintenance management publications and procedures to obtain avionics systems information. Recommends methods to improve equipment performance and maintenance procedures. Inputs, validates, and analyzes data processed to automated systems. Uses maintenance information systems (MIS) to monitor maintenance trends, analyze equipment requirements, maintain equipment records, and document maintenance actions. Supervises and assists in aircraft ground servicing, and launch/recovery operations.

3. ★**Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: cyber protection theory and hygiene, including weapon system attack surfaces and air-gapped system risks; electronic, microelectronic, gyro, synchro, mechanical, and indicator principles, theory, and application; factors involved in transmitting and receiving within the radio frequency ranges; interpreting and applying mechanical, wiring, and electronic circuit diagrams; digital computer logic and computer systems; using and interpreting testing and measuring devices; using and inspecting common hand tools; principles of aerodynamics and motion and power transmission by mechanical, hydraulic and electronic means; Electromagnetic Spectrum Operations (EMSO) principles; concepts and application of maintenance and Air Force directives.
3.2. Education. For entry into this specialty, completion of high school courses in science, technology, engineering, and mathematics (STEM) is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. For award of AFSC 2A934X, completion of applicable avionics courses.
3.3.2. For award of AFSC 2A954X, completion of applicable Field Training Detachment (FTD) course(s) listed on the MAJCOM Mandatory Course List (ANG/AFRC optional). IAW DAFI 36-2650, *Maintenance Training*.
3.3.3. For award of AFSC 2A974X, completion of an Advanced Aircraft Wiring Maintenance Course. MAJCOM determines which course per their Mandatory Course List (MMCL) (ANG/AFRC optional).
3.3.4. ★Air National Guard personnel assigned to Offutt AFB will complete the "Rivet Joint Flightline Maintenance Technician" course, PDS code R11 prior to award of AFSC 2A9X4A. Waiver authority resides with ANG 2AXXX MFM or Delegated Authority.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2A954. Qualification in and possession of AFSC 2A934. Also, experience isolating malfunctions, removing, and installing LRUs, and use of test and ground support equipment.
3.4.2. 2A974. Qualification in and possession of AFSC 2A954* or 2A251. Also, experience performing or supervising functions such as analyzing and isolating integrated avionics systems malfunctions and using test equipment.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. No record of acrophobia.
3.5.1.2. Normal color vision as defined in DAFMAN 48-123, *Medical Examinations and Standards*.
3.5.1.3. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs:
3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security (COMPUSEC)*.
3.5.2.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment.

3.5.2.3. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. **Specialty Shredouts:**

Suffix	***Portion of AFS to Which Related***
A	C4ISR Mission Systems (E-3, E-4, E-7, E-11, EC-130H, RC-135, VC-25)
B	Remotely Piloted Aircraft (MQ-1, MQ-9, RQ-4)

The A Shred is not applicable at the 1-skill level
The B shred is only applicable to the 1-, and 3-skill levels

FUELS CAREER FIELD (2F)
Introduction
(Changed 31 Oct 10)

The Fuels Career Field encompasses operating, maintaining and managing petroleum fuel systems and activities including the entire spectrum of requisitioning, accounting, receiving, storing, dispensing, and testing of aviation and ground fuels, cryogenics, missile propellants and alternative fuels. Mobile refueling vehicles or equipment along with installed mechanical fuel systems are used to receive or distribute aviation and ground fuels. All operations encompass environmental protection and energy conservation practices. Computer systems are used throughout the fuels career field.

CEM Code 2F000
AFSC 2F091, Superintendent
AFSC 2F071, Craftsman
AFSC 2F051, Journeyman
AFSC 2F031, Apprentice
AFSC 2F011, Helper

FUELS
(Changed 31 Oct 23)

1. **Specialty Summary.** Responsible for the Air Force's global petroleum and cryogenic product stocks. Executes quality analysis, controls, and remedies for all Class III Energy commodities. Operates, receives, stores, and issues petroleum, cryogenics, and alternative energy products using state of the art specialized fueling equipment, vehicles, storage facilities, hydrant systems, and other tactical support equipment. Fuels personnel demonstrate a high degree of skill in the forms of operational assessments, building tactical source solution plans, employ modernized fueling concepts, execute budgeting, bulk requisitioning, daily accounting, product receipt, inventory control, document sales to provide fuel and cryogenic logistical support. Provides oversight for the direct movement of petroleum and cryogenic while applying digital fluency concepts and modalities to connect CLIII capabilities to requirements by collecting, extracting, conducting feasibility analysis, and interpreting logistics data from information systems and plans to determine supportability and execution required to maintain peacetime and wartime inventory levels. Trained to support and provide power to every weapon system in the Air Force Arsenal. Conducts agile Fuels operations in austere conditions using night vision with aircraft engines running to ensure constant projection of lethal firepower for contested logistics environments. Fuels Airmen earn commercial industry equivalent certifications on petroleum standards, driving and uses training models to assure mission execution. Assess environmental protection, safety, compliance, and energy conservation. performs maintenance on all related equipment, facilities, vehicles, and testing tools used for Energy applications. Related DoD Occupational Subgroup: 182100

2. **Duties and Responsibilities.**
2.1. Directs receipt, storage, transfer, and issue operations for petroleum, alternate fuel, and cryogenic products. Forecasts product requirements, places orders for products, and performs product receipt operations. Ensures proper handling and segregation of products received and verifies quantity and quality. Documents discrepancies in product receipt quantities and quality. Isolates off-specification products and takes appropriate actions to correct quality problems. Ensures compliance with all safety and environmental regulations.
2.2. Manages, maintains, and operates storage and dispensing facilities. Rotates stock to prevent product quality degradation. Ensures an effective operator maintenance program is carried out. Maintains inspection and maintenance records for facilities. Reports facility deficiencies to appropriate maintenance activity. Initiates facility upgrades and construction projects. Inspects and maintains cryogenic storage tanks and support equipment. Operates and maintains cryogenic production plants. Manages, maintains, and operates Fuels Support Equipment (FSE) and Fuels Operational Readiness Capability Equipment (FORCE) used for bare-base operations.
2.3. Performs technical fuels functions. Operates Fuels Service Center (FSC) to monitor all product movements and ensure timely response to mission requirements. Coordinates refueling requirements with supported agencies and ensures appropriate prioritization of support requirements. Ensures vehicle preventive maintenance program is effective and reliable. Operates mobile and hydrant refueling equipment to dispense products to aircraft and ground support equipment and facilities. Operates cryogenic storage tanks to receive and dispense products.
2.4. Maintains fuels and cryogenic records. Ensures accuracy of receipt, inventory, and issue documents. Processes computer transactions to ensure proper billing and payment for all product receipt and issue transactions. Monitors product temperature and handling gains and losses to ensure they are within tolerance. Coordinates gain/loss investigation when acceptable tolerances are exceeded. Compiles data and generates ad hoc and recurring reports. Monitors inventory levels to ensure adequate stocks are on-hand to support peacetime and prepositioned wartime stock requirements. Inputs data into the FuelsManager® Defense (FMD) to ensure accurate accountability. Reconciles information systems to ensure all transactions have processed correctly.
2.5. Maintains quality control of fuel and cryogenic products. Operates and maintains laboratory test equipment. Collects and analyzes product samples from receipt sources, bulk storage tanks, and dispensing vehicles and equipment. Documents test results in FMD and conducts trend analysis on product quality. Establishes a sample correlation program with the Aerospace Fuels Laboratory to validate the integrity of the base-level analysis procedures. Collects fuel samples from crashed aircraft and submits them to the Aerospace Fuels Laboratory for analysis. Ensures an effective product segregation and recovery program is implemented. Establishes and manages a Quality Control hold program.
2.6. Oversees unit personnel readiness. Monitors unit manning document and allocates personnel to authorized positions. Participates in mobility planning, submits resources and training system data, and evaluates and approves unit type code (UTC) changes. Reviews and monitors status of JFA/JFD UTCs and provides updates to the Unit Deployment Manager (UDM) and verifies Deliberate and Crisis Action Planning and Execution Segments (DCAPES) and Defense Readiness Reporting System (DRRS) reporting.
2.7. Assess, inspects, and performs preventive maintenance on the fueling vehicle fleet. Determines the overall mechanical condition of equipment. Corrects deficiencies as required. Analyzes malfunctions, documents deficiencies, conducts maintenance actions, and coordinates additional repairs with the Refueling Maintenance shop. Tests repaired fueling units for proper operation. Verifies proper operation of installed safety devices. Performs scheduled inspections, preventive maintenance, and on-the-spot repairs. Uses technical

publications to maintain refueling equipment. Coordinates with Refueling Maintenance and assists with preparing refueling equipment for shipment.

3. **Specialty Qualifications:**
3.1. Knowledge & Competency. Knowledge and competency are mandatory regarding knowing and understanding the composition, properties, and characteristics of petroleum products and cryogenic fluids, including toxic, explosive, and fire hazards; environmental protection procedures; conservation; methods of receiving, storing, testing, and evaluating fuel and cryogenic fluids under normal, or operating within remote locations or in support of deployment and contingency operations.
3.2. Education. For entry into this specialty, completion of high school, additional courses in general science, computer science, mathematics, and chemistry, and any Commercial Operator License qualifications are desirable.
3.3. Training**.** For award of AFSC 2F031, completion of CDL military equivalent and the Fuels Apprentice Course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2F051. Qualification in and possession of AFSC 2F031. Completion of all 5-level competency objectives and course requirements outlined in 2F Career Field Education and Training Plan (CFETP).
3.4.2. 2F071. Qualification in and possession of AFSC 2F051, completion of all 7-level competency objectives and courses outlined in CFETP and must complete7-Level Petroleum Logistics Management Course (PLMC) Training Course.
3.4.3. 2F091. Qualification in and possession of AFSC 2F071, completion courses required, awarded 034 SEI and must complete the Planning Operations & Logistics (POL) course.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in DAFMAN 48-123*, Medical Examinations and Standards*.
3.5.1.2. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Ground Transportation.*
3.5.1.3. For Air Force Reserve Command and Air National Guard retraining candidates, a mandatory grade of TSgt or below with less than 10 years Total Federal Military Service is required.
3.5.1.4. See attachment 4 for additional entry requirements.
3.5.2. For award and retention:
3.5.2.1. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment. For award and retention of AFSCs 2F0XX, completion of a current T3 Investigation required IAW DoDM 5200.02_ AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.
3.5.2.2. For award and retention of these AFSCs: must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

LOGISTICS PLANS CAREER FIELD (2G)
Introduction
(Changed 31 Oct 24)

1.1 Elevate your career in the U.S. Air Force as a Logistics Plans specialist. Drive mission success by orchestrating logistics, transportation, and distribution operations. Manage strategic planning for global logistics, ensuring critical resources reach the right place at the right time. Master complex logistics systems and cultivate problem-solving skills. Lead teams in optimizing transportation, distribution, and inventory management. Contribute to mission readiness and contingency planning. Leverage cutting-edge technology for precise logistics forecasting and execution. Benefit from specialized training and continued professional development. Gain expertise in coordinating logistics on a large scale, honing skills applicable in diverse industries. Join a community dedicated to efficiency, precision, and the heart of Air Force operations. Embrace a dynamic career where our impact is felt worldwide.

1.2 Logistics Plans specialists develop, evaluate, analyze, interpret, monitor, and supervise integrative Plans and Programs to include the core functions of deployment planning & execution, employment, Joint Reception, Staging, Onward Movement and Integration (JRSO&I), War Reserve Materiel, International Agreements, Support Agreements, and Acquisition/Cross-Servicing Agreements (ACSA), Base Support Planning and Expeditionary Site Surveys, and adaptive and long-range deliberate planning.

1.3 This is a high-visibility job with plenty of opportunities for recognition and awards that will help with promotions. Logistics Planners manage several programs at a time, and at a higher level that builds upon skills and experience. There are multiple opportunities to travel and deploy. From the front lines to strategic coordination, be a part of a team that ensures every piece falls into place. Pick a crisis or deliberately planned event throughout history and the logistics planners had a huge part in shaping it!

1.4 Logistics Plans specialists expand knowledge and expertise through personal and professional goal setting, develop soft skills and leadership abilities, and build expansive reputation through networking. A challenging yet rewarding career field, Logistics Plans offers Airmen the ability to seek opportunities to engage with people from all backgrounds and areas of expertise. Logistics Plans specialists often earn a bachelor's degree and certifications such as Project Management Professional (PMP) and Certified in Logistics, Transportation, and Distribution (CLTD). Logistics careers in the civilian sector will increase 18% by 2034. According to the U.S. Bureau of Labor Statistics, veterans with logistics degrees and-or certifications often experience a 25% pay increase

CEM Code 2G000
AFSC 2G091, Superintendent
AFSC 2G071, Craftsman
AFSC 2G051, Journeyman
AFSC 2G031, Apprentice
AFSC 2G011, Helper

LOGISTICS PLANS
(Changed 31 Oct 24)

1. **Specialty Summary.** Develops, evaluates, monitors, and supervises combat support strategies, readiness, plans, and programs including battlefield preparation activities before and during conflict, force posturing and positioning, employment, sustainment, and support agreements. Related DoD Occupational Subgroup: 155100.

2. **Career Field Core Functions:**
2.1. Deployment Planning & Execution.
2.1.1. Logistics Planners Roles and Responsibilities.
2.1.1.1. Performs deployment planning and execution activities and functions to include adaptive planning, Agile Combat Employment (ACE) planning, feasibility assessments, development of operational plan (OPLAN) logistics annexes, and preparation, programming, and support assessments and requirements for contingency and exercise plans. Prepares, evaluates, and implements all aspects of deployment planning, aircraft cargo and personnel dispersal, force sustainment, force recovery, materiel reconstitution, exercise planning & execution, and logistics support procedures for JRSO&I.
2.1.1.2. Performs and directs deployment, employment, and JRSO&I command and control processes. Effectively manages logistics information about operational reach, and battlefield situational awareness, for functions such as transportation, supply, health services, maintenance, engineering, Services, and aircraft mobility. When assigned to an Installation Deployment Readiness Cell (IDRC), establishes and operates a logistics command and control center (i.e., Deployment Control Center (DCC)) to prepare for and supervise deployment and redeployment processes. Reviews planning processes, deployment taskings, inputs, extracts, and interprets data in automated information systems which include, but are not limited to, Joint Operations Planning and Execution System (JOPES), Deliberate/Crisis Action Planning & Execution Segments (DCAPES), Logistics Module (LOGMOD), Single Mobility System (SMS), Airlift Integrated Interface (A2I), and Integrated Computerized Deployment System (ICODES). Assists in the establishment and management of combat force bed-down, emergency action messages, and mitigation procedures. Develops crisis action procedures in conjunction with other employed organizations; integrates force command and control with applicable functional area or interagency representatives.
2.1.1.3. Staff member of the Installation Deployment Readiness Cell (IDRC). Manage all aspects of the steady-state, crisis, and exercise deployment operations (including Air Force Force Generation (AFFORGEN)) on behalf of the installation commander. Coordinates, hosts, and presents annual deployment process working groups (DPWGs), and quarterly unit deployment manager (UDM) meetings, and provides recurring deployment readiness briefings to commanders. Provides initial and recurring training for all installation and tenant unit UDMs and coordinates supplemental training requirements with public health, traffic management, air transportation, and force protection representatives according to mission command directives.
2.2. **War Reserve Materiel (WRM)**. Air Force WRM consists of enterprise-managed, dynamically positioned equipment, vehicles, and consumables, to support operations across the full range of military operations and to reduce the time required to achieve an operational capability or produce an operational effect. Pre-positioned WRM is strategically located to ensure a timely response in support of combatant commander requirements during the initial phase of an operation.
2.2.1. Logistics Planners Roles and Responsibilities.
2.2.1.1. Performs, directs, and manages apportioned WRM functions. Develops guidance and supervises administration, surveillance, and management of WRM to include mission support availability and asset management, deployment, redeployment, reconstitution, excess management, sustainment, transportation, and transfers as applicable to mission requirements.
2.2.1.2. Provides initial and recurring training for installation WRM Managers (WRMMs), analyzes WRM reports to validate constraints and develop mitigation planning factors, and validates WRM deficiencies. Coordinates, hosts, and presents WRM Review Boards. Ensures WRMMs inspect, maintain, mark, document, inventory, and store WRM appropriately to ensure materiel is maintained in operational order.
2.2.1.3. Identify and report WRM related shortfalls and limiting factors to higher headquarters and actively advocate for resource requirements (e.g. manpower, funding, storage facilities, etc.).
2.3. **Support Agreements.** DoD and AF policies direct that support agreements be developed between affected Suppliers and Receivers to document recurring support to provide the unit commander with the capability to ensure resources are expended wisely and to help eliminate unnecessary resource duplication. Support agreement may be used to augment contingency documents such as BSP, Programming Plans and OPLANs, Concepts of Operations (CONOPs), Installation Deployment Plans (IDPs), Emergency Plans, etc.
2.3.1. Logistics Planners Roles and Responsibilities.

2.3.1.1. Manage the installation's support agreements program to ensure quality, efficiency, and effectiveness in providing or obtaining support through agreements with suppliers, host units, joint services, other DoD agencies, and international partner nation military representatives. Ensures the effective performance of responsibilities and functions assigned to supplying and receiving units and enforces installation commander support agreement approval processes and training requirements. Establishes processes for negotiating impasses and/or disputes and provides initial and recurring training for unit Functional Area Agreement Coordinators (FAACs) to include supplemental training from installation comptroller and legal representatives.
2.3.1.2. Agreements program management responsibilities may include requirements to execute international, inter-agency, intra-agency, and international agreements, and mutual logistics support via ACSAs.
2.3.1.3. Documents, records, and reports agreements per DoD and Air Force policies and procedures. Creates and publishes installation support agreement catalogs and ensures required agencies such as legal, engineering, force protection, manpower, and finance conduct reviews of agreement support categories.
2.4. **Base Support Plans (BSP)**. A BSP is primarily developed for main operating bases or collocated operating bases with a permanent Air Force presence. Expeditionary Site Planning (ESP) and Site Surveys are an integral part of the ESP process. Information gathered during a survey on a site's resources and capabilities are captured to assist commanders with making initial bed-down decisions at locations without a permanent Air Force presence.
2.4.1. Logistics Planners Roles and Responsibilities.
2.4.1.1. When assigned to a main operating base, serves as the Installation BSP Manager to ensure the installation BSP is developed and maintained. This includes managing the Base Support and Expeditionary (BaS&E) site planning program and training unit representatives who have been appointed as Functional Data Managers (FDMs).
2.4.1.2. Collects and reviews functional category and chapter data from subject matter experts (SMEs)/FDMs for completeness and validates identified limiting factors and shortfalls. Coordinates, schedules, and manages the BSP Committee (BSPC), which is chaired by the Wing Commander. Attendees of the BSP Committee include the Installation BSP Manager, Wing Leadership (Squadron and Group Commanders), FDMs, and tenant unit representatives who have equities with the installation or expeditionary site. Schedules and executes BSP Working Groups (BSPWGs) to ensure FDMs and other selected subject matter experts are maintaining the installation's BSP in accordance with appropriate planning cycles, installation mission objectives, and mandatory regulations.
2.4.1.3. Collects pre-site survey, site survey, and post-site survey data for an in-depth feasibility assessment to identify the forward operating site's suitability for current and/or future missions. Leads site survey teams, hosts expeditionary site working groups and assists with the determination of expeditionary site planning and site survey requirements associated with named operations or future operations. Provides data related to threat assessment, antiterrorism, integrated base defense capabilities, airfield suitability assessments, pavements evaluations, and bed-down assessments.
2.5. **Adaptive Planning.**
2.5.1. Logistics Planner Roles and Responsibilities.
2.5.1.1. Reviews, analyzes and interprets DOD and Air Force policies to include the development and management of Unit Type Codes (UTCs), readiness reporting, and conducting force posturing and analysis activities crucial to the management and execution of Air Force readiness programs.
2.5.1.2. Analyzes and interprets policies and monitors competitive sourcing to determine impacts to the installation or unit's ability to execute operations and deployment requirements. Integrates personnel policies and strategic objectives through the development and coordination of plans and programs supporting operations.
2.5.1.3. Performs analysis, assessments, and validation of installation and/or unit wartime capabilities by conducting force management activities and day-to-day management of wing deployment functions.

3. **Knowledge**. Knowledge is mandatory of: logistics planning and integration across the logistics enterprise which includes cross-functioning areas of materiel management, maintenance, transportation, contracting, civil engineering, services, force protection, operations, personnel, comptroller, medical, and legal. Additionally, it is necessary to understand how these functions impact installation logistics planning, Air Force operations, and processes of deployment, bed-down, employment, and redeployment. Techniques of conducting readiness assessments, data processing and electronic data processing equipment, and basic budgeting procedures are required.
3.1. **Education**. For entry into this specialty, a high school diploma or equivalent education certification is mandatory.
3.2. **Career Progression.** Career progression and timely award of skill level are dependent upon on-the-job training, professional military education, and the member's military rank.
3.2.1. Apprentice Level (2G031). Awarded to Airmen upon completion of the Logistics Plans Apprentice Technical Training Course. Must demonstrate appropriate Airmen's Foundational Competencies in accordance with rank and duty description, Air Force Doctrine, The Enlisted Force Structure (The "Brown Book"), A Profession of Arms: Our Core Values (The "Blue Book"), and The Joint Team (The "Purple Book").
3.2.2. Journeyman Level (2G051). Awarded to Airmen upon completion of 12 months of on-the-job training, the Logistics Plans Journeyman Career Development Course, and appropriate professional military education. Must demonstrate appropriate Airmen's Foundational Competencies and Airman Leadership Qualities (ALQs) in accordance with rank and duty description. Must complete

Supervisor Job Qualification Standard (JQS) IAW Air Force Foundational Resources.
3.2.3. Craftsman Level (2G071). Awarded upon completion of 12 months of on-the-job training and completion of the Logistics Plans Craftsman Career Development Course, and appropriate professional military education. Must demonstrate appropriate Airmen's Foundational Competencies and Airman Leadership Qualities (ALQs) in accordance with rank and duty description. Must also demonstrate advanced competency and proficiency levels requisite with rank, position, and duty description. Must complete NCOIC/Section Chief JQS IAW Air Force Foundational Resources.
3.2.4. Superintendent Level (2G091). Awarded upon promotion to Senior Master Sergeant (E-8) and completion of appropriate professional military education. Must demonstrate appropriate Airmen's Foundational Competencies and Airman Leadership Qualities (ALQs) in accordance with rank and duty description. Must also demonstrate expert competency and proficiency levels requisite with rank, position, and duty description. Must complete Flight Chief JQS IAW Air Force Foundational Resources.

4. Other. The following are mandatory as indicated:
4.1. See attachment 4 for mandatory entry requirements.
4.2. Retraining into the 2G0XX career field within the Air Reserve Component (ARC) is restricted to the grades of E-6 and below with less than 12 years of Total Federal Military Service. Waiver authority resides with the Air Force Reserve Command 2G0XX MAJCOM Functional Manager.
4.3. **For entry, award, and retention of AFSCs 2G031/51/71/91/00:**
4.3.1. Ability to speak distinctly, demonstrate critical thinking and problem-solving skills and communicate well with others.
4.3.2. Ability to communicate effectively in writing.
4.3.3. Possession of, or ability to obtain, a valid driver's license.
4.4. For award and retention:
4.4.1. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment. For award and retention of AFSCs 2G0XX, completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, Air Force Personnel Security Program, is mandatory.
NOTE: Award of the entry-level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.
4.4.2. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, Computer Security.

MISSILE AND SPACE SYSTEMS MAINTENANCE CAREER FIELD (2M)

Introduction

(Changed 31 Oct 14)

The Missile and Space Systems Maintenance Career Field encompasses the skills, functions, and techniques used to acquire, activate, assemble, transport, install, and maintain missiles and subsystems; acquire, activate, and supervise assembly, transportation, maintenance, inspection, modification, and launch processing of space lift boosters, satellites, and subsystems; assemble, operate, fabricate, install, test, and troubleshoot specialized research and development (R&D) systems and subsystems; acquire, activate, inspect, maintain, repair, calibrate, modify, and manage these actions on related missile, space lift booster, satellite, and R&D facilities, support systems, test equipment, and subsystems.

CEM Code 2M000
AFSC 2M090, Superintendent

MISSILE AND SPACE SYSTEMS MAINTENANCE
(Changed 31 Oct 19)

1. **Specialty Summary.** Manages maintenance, processing, acquisition, and operation of ground and air launched missiles, aircraft missile rotary launchers and pylons, spacelift boosters, payloads, related subsystems, test, calibration, support and handling equipment, and facilities. Manages activities associated with research and development (R&D) systems. Related DoD Occupational Subgroup: 112100.

2. **Duties and Responsibilities:**
2.1. Plans and organizes missile, spacelift booster, payload, and R&D maintenance and processing activities. Develops and manages organizational structure and responsibilities. Determines resource requirements. Coordinates missile, spacelift booster, and payload maintenance and launch processing activities. Requisitions and accounts for equipment, facilities, and supplies. Manages ICBM coding, acquisition, and activation activities.
2.2. Evaluates and directs missile maintenance, spacelift booster and payload processing, and R&D activities. Evaluates and directs missile, spacelift booster, payload, and R&D maintenance and processing activities. Interprets efficiency and equipment reliability findings and recommends improvement. Evaluates unit compliance with prescribed efficiency, quality, and training standards. Analyzes missile, spacelift booster, and payload systems, subsystems, components, and related equipment. Recommends improvements.
2.3. Supervises and coordinates maintenance, operations, and R&D functions.
2.4. Coordinates inspection findings.
2.5. Ensures compliance with international treaties relating to nuclear weapons and associated equipment.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of electronic theory or mechanical principles of missiles, spacelift vehicles, and payloads.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 2M090, qualification in and possession of AFSC 2M071, 2M072, or 2M073 is mandatory. Also, experience is mandatory managing R&D systems, operations, or maintenance of missiles and/or operation of launch facilities.
3.5. Other. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment. For award and retention of AFSCs 2M090, completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
3.5.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2. Must meet eligibility requirements to fill critical PRP positions IAW DoDM 5200.02 and AFMAN 13-501.

AFSC 2M071, Craftsman
AFSC 2M051*, Journeyman
AFSC 2M031*, Apprentice
AFSC 2M011*, Helper

MISSILE AND SPACE SYSTEMS ELECTRONIC MAINTENANCE
(Changed 30 Apr 24)

1. **Specialty Summary.** Maintains, operates, and supervises maintenance on ground and air missiles, spacelift boosters, payloads, guidance and control systems, and subsystems. Monitors, analyzes, and compiles system performance data. Performs and supervises maintenance on automated and manual electronic test, launch control, checkout, and support equipment (SE). Designs and supervises assembly, calibration, operation, troubleshooting, and testing of research and development (R&D) systems and SE. Related DoD Occupational Subgroup: 112100.

2. **Duties and Responsibilities:**
2.1. Monitors, operates, and supervises operation of consoles, fault display panels, and checkout equipment. Monitors status of air-launched cruise missiles, intercontinental ballistic missile (ICBM), space lift boosters, payloads, subsystems, and SE. Operates or oversees checkout and test equipment operation.
2.2. Supervises and performs missile, space lift booster, and payload systems maintenance and launch processing. Coordinates and oversees activities of contractor personnel during space launch activities. Operates, calibrates, inspects, maintains, or oversees these actions on missiles, missile and aircraft integration systems, aerospace vehicle equipment, operational ground equipment, automated and manual test equipment, space lift boosters, and payloads. Diagnoses flight data gathered during operational and test launches. Performs ICBM coding activities.
2.3. Performs or assists malfunction analysis and repair of missile, space lift booster, and payload systems and subsystems. Determines system status. Operates or supervises operation of automated and manual test and checkout equipment to include performing calibrations. Disassembles, inspects, services, and replaces components and wiring. Modifies and repairs airframe and surfaces. Reassembles and verifies repairs, or supervises these actions on electronic components of cruise missiles, ICBMs, space lift boosters, and payloads. Maintains technical orders and publication files. Records findings.
2.4. Performs or supervises maintenance on electronic equipment, and coordinates launch processing and maintenance activities. Performs or supervises electronic equipment maintenance. Uses or monitors use of manual and automatic checkout and test equipment to check integrated missile, space lift booster, payload systems, subsystems, and related electronic equipment.
2.5. Performs laboratory R&D activities. Assembles, maintains, and operates specialized R&D systems such as energetic materials, propulsion, composites, optical, satellite, space structures and power. Collects and analyzes R&D test data. Designs, maintains, modifies, and operates support equipment such as data acquisition devices, fiber optic, instrumentation, vacuum systems, and environmental control systems.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of electronic theory, circuitry, and schematic diagrams; and electronic principles of missiles, space lift boosters, and payloads.
3.2. Education. For entry into this specialty, completion of high school or General Education Development (GED) equivalency is mandatory. Courses in mechanics, physics, or basic electricity are desirable.
3.3. Training. For award of AFSC 2M031A/31B, completion of a specific basic 3-level missile and space systems electronic maintenance course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2M051A/51B. Qualification in and possession of AFSC 2M031A/31B and experience maintaining or operating missiles.
3.4.2. 2M071. Qualification in and possession of AFSC 2M051A/51B and experience performing or supervising missile maintenance.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty, the following are mandatory:
3.5.1.1. Screened for eligibility and meet requirements of the Personnel Reliability Program (PRP) as outlined in HQ AETC PRP Prescreening guidance.
3.5.1.2. Passing color vision, as defined by correctly identifying at least 10 of 14 Ishihara Plates.
3.5.1.3. Within 12 months of arrival at first duty station obtain civilian driver's license and operate government vehicles according to AFI 24-301, *Ground Transportation.*
3.5.1.4. Freedom from fear of heights and claustrophobia
3.5.1.5. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of AFSCs 2M031A, and 2M031B:
3.5.2.1. Must be Administratively Qualified IAW PRP standards outlined in the DoDM 5200.02, AFMAN 13-501, *Nuclear Weapons Personnel Reliability Program* (PRP) prior to departing technical Training.
3.5.3. For award of AFSC 2M051/71 and retention of AFSC 2M031A, 2M031B, or 2M031/51/71, the following are mandatory:
3.5.3.1. Must meet eligibility requirements to fill critical PRP positions IAW DoDM 5200.02, AFMAN 13-501.

3.5.3.2. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.3.3. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.
3.5.4. For award and retention of AFSCs 2M031A, 2M031B, 2M051A, 2M051B, or 2M071/71:
3.5.4.1. Completion of a Tier 5 Investigation according to AFMAN 16-1405, *Personnel Security Program Management*, is mandatory.
NOTE: Award of the entry level without a completed Tier 5 Investigation is authorized provided an interim Top Secret security clearance has been granted.

4. ***Specialty Shredouts:**

Suffix	***Portion of AFS to Which Related***
A	ICBM
B	ALCM

NOTE: Suffix A and B is applicable to the 1-, 3- and 5-skill levels only.

AFSC 2M072, Craftsman
AFSC 2M052, Journeyman
AFSC 2M032, Apprentice
AFSC 2M012, Helper

MISSILE AND SPACE SYSTEMS MAINTENANCE
(Changed 30 Apr 24)

1. **Specialty Summary.** Services and maintains, or supervises these actions, on missiles, space lift boosters, payloads, research, and development (R&D) systems, environmental blast doors and valves, associated subsystems, components, and support equipment (SE). Operates and maintains related equipment. Designs R&D systems. Performs acquisition and activation activities. Related DoD Occupational Subgroup: 163200.

2. **Duties and Responsibilities:**
2.1. Performs missile maintenance actions at support base, launch, launch control, and storage facilities, and ensures compliance with international treaties. Inspects, repairs, adjusts, and replaces, or supervises these actions, on components and subcomponents. Mechanically and electrically connects or disconnects reentry systems, guidance and control sections, missile stages, propulsion systems, and secondary ordnance devices at the launch facility. Prepares missile and launch facility for simulated launch and follow-on test and evaluation. Performs preventive maintenance inspections and electrical tests on missiles; missile components; launch and launch control facilities; support vehicles; hydraulic, pneudraulic, and pneumatic systems; and SE. Initiates unsatisfactory reports, failure reports, or proposed modifications. Performs intercontinental ballistic missile (ICBM) coding activities.
2.2. Supervises transportation, assembly, and inspection of space lift booster and payload functions, their subsystems, and SE. Coordinates and oversees activities of contractor personnel during space launch activities. Supervises loading, transportation, unloading, inspection, assembly, and hoisting of space lift boosters, payloads, component parts, and satellites at space launch facilities; preparation of space launch complexes; and erection and mating of space lift booster sections, payloads, and SE. Supervises or performs preventive maintenance inspections. Practices and supervises safety procedures when handling nitrogen, liquid fuels, oxidizers, and ordnance devices. Evaluates malfunctions and recommends corrective action.
2.3. Performs and evaluates laboratory R&D activities. Assembles, installs, and tests R & D systems such as energetic materials, propulsion, and satellite. Designs, maintains, modifies, and operates support equipment, such as data acquisition devices, fiber optic, instrumentation. Vacuum systems, test stands, high/low pressure gas, propellant mixing/molding, and exotic fuels storage systems. Supports and advises scientists and engineers during experiment design, setup, and execution. Troubleshoots and resolves anomalies associated with laboratory systems and experiments.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of oxidizers and fuels properties and characteristics; basic hydraulics, pneudraulics, pneumatics, mechanics, and electricity; missile propulsion principles; and use of diagrams and schematics.
3.2. Education. For entry into this specialty, completion of high school or General Education Development (GED) equivalency is mandatory. Courses in mechanics, physics, or basic electricity are desirable.
3.3. Training. For award of AFSC 2M032 completion of the basic 3 level missile and space systems maintenance course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2M052. Qualification in and possession of AFSC 2M032. Also, experience in functions such as missile, space launch, and R&D, launch control, or preparation of launch facilities.
3.4.2. 2M072. Qualification in and possession of AFSC 2M052. Also, experience performing or supervising missile maintenance, space lift, or laboratory R & D activities.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty the following are mandatory:
3.5.1.1. Screened for eligibility and meet requirements of the Personnel Reliability Program (PRP) as outlined in HQ AETC PRP Prescreening guidance.
3.5.1.2. Passing color vision, as defined by correctly identifying at least 10 of 14 Ishihara Plates.
3.5.1.3. Within 12 months of arrival at first duty station obtain civilian driver's license and operate government vehicles according to AFI 24-301, Ground Transportation.
3.5.1.4. Freedom from fear of heights and claustrophobia.
3.5.1.5. See attachment 4 for additional entry requirements.
3.5.2. For award of AFSC 2M032: must be administratively Qualified IAW PRP standards outline in the DoDM 5200.02, AFMAN 13-501, *Nuclear Weapons Personnel Reliability Program (PRP)* prior to leaving technical Training.
3.5.3. For award 2M052/72 and retention of AFSCs 2M032/52/72, the following are mandatory:
3.5.3.1. Must meet eligibility requirements to fill critical PRP positions IAW DoDM 5200.02, AFMAN 13-501.
3.5.3.2. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.3.3. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.
3.5.4. For award and retention of AFSCs 2M0X2, completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.

NOTE: Award the entry level without a completed T5 Investigation is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

AFSC 2M073, Craftsman
AFSC 2M053, Journeyman
AFSC 2M033, Apprentice
AFSC 2M013, Helper

MISSILE AND SPACE FACILITIES
(Changed 30 Apr 24)

1. **Specialty Summary.** Maintains, operates, services, and repairs power generation and distribution systems, and environmental control and associated support systems and equipment for missile, space lift, and research and development (R&D) facilities. Related DoD Occupational Subgroup: 163300.

2. **Duties and Responsibilities:**
2.1. Performs or supervises preventative and operator maintenance on missile, space lift, and R&D facilities. Troubleshoots, repairs, and services missile weapon systems, space lift and R&D equipment, facilities, and support equipment (SE). Included are power generation and distribution systems such as diesel generators, automatic switching units, fiber optic lines, manual switching gear, distribution and control panels, battery systems, and associated controls; environmental control systems; air conditioning, heating, ventilation, and refrigerant systems; and space lift support systems and associated equipment. Services SE dealing with fuel, lubricants, hydraulic fluids, and air. Analyzes support facility and equipment malfunctions and determines operational readiness. Solves interface problems between electrical and electronic equipment. Repairs or supervises maintenance of accessories and components of direct support and real- property installed equipment. Supervises space lift booster, and payload systems maintenance and launch processing. Coordinates and oversees activities of contractor personnel during space launch activities. Performs acquisition and activation activities.
2.2. Performs priority maintenance on systems/subsystems to assure launch capability. Performs facility and support equipment tests, adjustments, and maintenance. Diagnoses malfunctions and repairs mechanical, electrical and electronic circuitry, and heating, ventilation, and air conditioning equipment using visual and auditory senses, test equipment, systems knowledge, and technical publications.
2.2.1. Monitors, repairs, and operates missile, space lift, and R&D SE. Monitors or operates fault display, checkout panels, and test stands to detect system and component malfunctions. Tests electrical circuits and security, gas detection and fire warning systems, and auxiliary power equipment for readiness. Performs inspections and operates special vehicles.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: electrical, mechanical, and pneumatic principles; and interpreting technical orders, workflow diagrams, blueprints, and schematics.
3.2. Education. For entry into this specialty, completion of high school or General Education Development (GED) equivalency is mandatory. Courses in mechanics, physics, or basic electricity are desirable.
3.3. Training. For the award of AFSC 2M033, completion of the basic 3 level missile and space facilities course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2M053. Qualification in and possession of AFSC 2M033. Also, experience in functions such as maintaining and operating missile and space facilities, R&D facilities, or related support equipment.
3.4.2. 2M073. Qualification in and possession of AFSC 2M053. Also, experience performing or supervising power maintenance on generation, environmental control system, missile, space lift, or R&D facilities.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty, the following are mandatory:
3.5.1.1. Screened for eligibility and meet requirements of the Personnel Reliability Program (PRP) as outlined in HQ AETC PRP Prescreening guidance.
3.5.1.2. Passing color vision, as defined by correctly identifying at least 10 of 14 Ishihara Plates.
3.5.1.3. Within 12 months of arrival at first duty station obtain civilian driver's license and operate government vehicles according to AFI 24-301, Ground Transportation.
3.5.1.4. Freedom from fear of heights and claustrophobia.
3.5.1.5. See attachment 4 for additional entry requirements.
3.5.2. For award of AFSC 2M033:
3.5.2.1. Must be Administratively Qualified IAW PRP standards outlines in the DoDM 5200.02, AFMAN 13-501, *Nuclear Weapons Personnel Reliability Program* (PRP) prior to leaving technical Training.
3.5.3. For award of AFSCs 2M053/73 and retention of AFSCs 2M033/53/73, the following are mandatory:
3.5.3.1. Must meet eligibility requirements to fill control PRP positions IAW DoDM 5200.02, AFMAN 13-501.
3.5.3.2. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.3.3. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment.
3.5.4. For award and retention of AFSCs 2M033/53/73:
3.5.4.1. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.

PRECISION MEASUREMENT EQUIPMENT LABORATORY CAREER FIELD (2P)

Introduction

The Precision Measurement Equipment Laboratory Career Field provides maintenance, modification, repair, calibration, and certification for test, measurement, and diagnostic equipment. It also implements methods and procedures for managing the US Air Force Metrology and Calibration (AFMETCAL) Program as established and directed by AFI 21-113*, Air Force Metrology & Calibration (AFMETCAL) Program*. The AFMETCAL Program is a composite of measurement standards and equipment, users, calibration data, and integrated planning to provide a disciplined US Air Force program to ensure reliability, accuracy, and traceability of systems, subsystems, and equipment.

CEM Code 2P000
AFSC 2P091, Superintendent
AFSC 2P071, Craftsman
AFSC 2P051, Journeyman
AFSC 2P031, Apprentice
AFSC 2P011, Helper

PRECISION MEASUREMENT EQUIPMENT LABORATORY
(Changed 31 Oct 14)

1. **Specialty Summary.** Performs and manages repair, calibration, and modification of test, measurement, and diagnostic equipment (TMDE), including precision measurement equipment laboratory (PMEL) standards and automatic test equipment. Supervises the process and use of TMDE to perform voltage, current, power, impedance, frequency, microwave, temperature, physical-dimensional, and optical measurements. Related DoD Occupational Subgroup: 119800.

2. **Duties and Responsibilities:**
2.1. Inspects, aligns, troubleshoots, and repairs PMEL standards, common and weapon system peculiar TMDE. Inspects TMDE for preventive maintenance, cleanliness, and safety requirements. Performs equipment maintenance using theories of operation, block diagrams, schematics, logic trees, and software diagnostics. Isolates malfunctions to component level. Calibrates and certifies TMDE to technical data specifications ensuring traceability to Air Force Reference Standards. Records and reports maintenance data; prepares technical order improvement reports, special training requests, training quality reports, and modification proposals. Tracks equipment warranties. Provides training and manages technical order distributions. Handles, labels, and disposes of hazardous materials and waste according to environmental standards.
2.2. Plans, organizes, and coordinates mission support requirements. Collects and analyzes maintenance data and performs trend analysis. Identifies mission essential TMDE and its impact on workload. Coordinates lateral support, command certification, or contract services. Evaluates procedures for storage, inventory, and inspection of property. Provides training and assistance to TMDE users. Maintains PMEL automated management systems (PAMS).
2.3. Develops and evaluates workload plans, budget, and support agreements. Manages PMEL quality program (QP). Submits reports to higher headquarters and maintains a safe working environment.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: electrical, mechanical, physics, optics, and thermal principles; mathematics, and number systems; operating principles, use, care, and repair of TMDE and laboratory standards; analysis and interpretation of technical data, including block, schematic, wiring, and logic diagrams; troubleshooting techniques; metrology program, calibration traceability, metrology techniques, laboratory practices, software, and computer operations principles; use of hand tools; procedures for training, supply, maintenance data collection, QP, command certification, equipment scheduling, production, and materiel control; facility requirements; and support equipment management.
3.2. Education. For entry into this specialty, completion of high school or General Education Development equivalency is mandatory. Courses in electronics, physics, trigonometry, algebra, and technical or vocational training in electronics and instrumentation are desirable.
3.3. Training. For award of AFSC 2P031, completion of a basic PMEL course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2P051. Qualification in and possession of AFSC 2P031. Also, experience in functions such as troubleshooting, repairing, modifying, aligning, calibrating, and or certifying TMDE.
3.4.2. 2P071. Qualification in and possession of AFSC 2P051. Also, experience in laboratory supervision and planning; advanced troubleshooting, repairing, modifying, and certifying complex TMDE.
3.4.3. 2P091. Qualification in and possession of AFSC 2P071. Also, experience in establishing training programs and requirements; planning supply, facility, and budget requirements; managing the QP; establishing support agreements; and reimbursement procedures.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards.*
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs: must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

MAINTENANCE MANAGEMENT CAREER FIELD (2R)

Introduction

The Maintenance Management Systems Career Field includes planning and scheduling aircraft, missiles, and associated equipment; operating and maintaining the management information system; and collecting, analyzing, and presenting maintenance data in maintenance organizations. Such organizations include aircraft, missile, avionics, communications-electronics, and munitions maintenance.

CEM Code 2R200
AFSC 2R291, Superintendent
AFSC 2R271, Craftsman
AFSC 2R251, Journeyman
AFSC 2R231, Apprentice
AFSC 2R211, Entry

★MAINTENANCE MANAGEMENT
(Changed 31 Oct 25)

1. **Specialty Summary.** Central agency for scheduling, documentation, management, monitoring, and developing strategies for aerospace vehicles, engines, armament/munitions, missiles, space systems, AGE, and selected equipment inventory. Ensures aerospace vehicles and supporting equipment are managed and documented in accordance with established policy and advises maintenance leadership on fleet health. Initiates studies, investigations and performs statistical analysis to aid in the development and coordination of generation flow plans for units required to meet emergency war order and wartime taskings. Presents information to help senior leadership assess the health of the units' weapon systems and equipment. Manages and operates maintenance management information systems (MIS).

2. **Duties and Responsibilities:**
2.1. Provides written guidance, reports and special studies for recommendations and briefings to account for flying hour data, equipment performance, materiel consumption, scheduling, management, and resources. Uses statistical techniques, interprets findings from data, identifies trends and significant deviations to ensure senior leaders are briefed fleet health and recommends corrective action when appropriate. Manages aerospace vehicle maintenance and utilization requirements by developing plans and establishes production schedules to meet mission requirements. Determines maintenance capabilities, production factors and work priorities in developing operational schedules. Prepares daily, weekly, monthly, quarterly, and annual utilization schedules for known maintenance and operational mission and training requirements. Coordinates with base activities to ensure support is available to meet schedules.
2.2. Controls, maintains, and audits weapons systems records in the applicable MIS. Coordinates and develops aircraft configuration, Time Compliance Technical Orders (TCTO), Special Inspections (SI), and time change items (TCI), ensuring they are documented in accordance with aircraft documentation policies in the appropriate MIS. Coordinates with appropriate information management and processing centers to ensure automated systems capability and compatibility with customer requirements are met. Focal point for validating and tracking MIS requirements and enhancements for higher headquarters approval.

3. ★**Specialty Qualifications:**
3.1. Knowledge: Maintenance and operations organization management and procedures applying to aircraft, missiles, communications-electronics, space systems, or related equipment. Exercise critical thinking, utilizing analytical theory and statistical processes while also being knowledgeable on planning, scheduling, and documenting maintenance and MISs; concepts and application of maintenance directives; aerospace vehicle, operational, inspection, and time change management; delayed discrepancies; TCTO; and engine subsystems.
3.2. Education. For entry into this specialty, computer literacy, knowledge of commercial off the shelf (COTS) data management and visualization, and high school completion with courses in algebra, effective writing, public speaking, and typing are desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. ★2R231. Completion of a basic maintenance management apprentice course.
3.3.2. ★2R271. Completion of an advanced maintenance management apprentice course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2R251. Qualification in and possession of AFSC 2R231. Also, experience in maintenance management activities.
3.4.2. 2R271. Qualification in and possession of AFSC 2R251. Also, experience performing or supervising maintenance management functions and activities.
3.5. Other. The following are mandatory as indicated:
3.5.1. See attachment 4 for entry requirements.
3.5.2. ★The following is mandatory for retraining candidates within the Air Force Reserve Command:
3.5.2.1. Grade of E-6 or below with less than 10 years Total Federal Military Service.
3.5.3. ★Must maintain local network access in accordance with AFI 17-130, Cybersecurity Program Management and DAFMAN 17-1301, *Computer Security (COMPUSEC).*
3.5.4. ★Specialty requires routine access to Tier 3 (T3) information, systems or similar classified environment. For award and retention of AFSC 2R231/51/71, completion of a current T3 Investigation required in accordance with DoDM 5200.02, DAFMAN 16-1405, AFGM 2022-03, Air Force Personnel Security Program, is mandatory.

MATERIEL MANAGEMENT CAREER FIELD (2S)

Introduction

The Materiel Management Field encompasses managing, controlling, and operating materiel management systems associated with specified Classes of Supply. This field includes functions of designing, developing, analyzing, and operating materiel management systems; requirements determination and computation; operating and managing materiel storage warehouses; equipment review and validation; records maintenance; inventory and distribution control; inspection and identification of property; and assisting commanders in maintaining accountability of assigned readiness spares and equipment.

Excluded from this field are managing Defense Reutilization and Marketing Offices, and operation and maintenance of organizational, tool cribs, equipment custodial responsibilities, and other duties not related solely to providing materiel management capability.

CEM Code 2S000
AFSC 2S091, Superintendent
AFSC 2S071, Craftsman
AFSC 2S051, Journeyman
AFSC 2S031, Apprentice
AFSC 2S011, Helper

MATERIEL MANAGEMENT
(Changed 30 Apr 22)

1. **Specialty Summary.** Directs materiel management activities involved in developing, operating, implementing, and analyzing manual and automated integrated logistics systems. Manages item and monetary accounting, inventory control, financial planning, and warehousing functions. Monitors and operates the Integrated Logistics Systems-Supply (ILS-S) and associated logistics systems interfaces. When assigned to combat support or enabler organizations, provides materiel management expertise as related to ILS-S processes, accountable officer, responsible officer, and responsible person obligations. Related DoD Occupational Subgroup: 155100.

2. **Duties and Responsibilities:**
2.1. Manages materiel management activities and systems involved in requirements determination, inventory control, storage and issues of supplies and equipment.
2.2. Computes requirement, determines allowance, and researches and identifies materiel requirements. Performs operations involved in storage inspection, and identification of property.
2.3. Performs inventories and ensures timely correction of discrepancies. Inspects and evaluates inventory management activities.
2.4. Inspects and identifies property. Determines condition of property received. Performs shelf-life inspections of stock.
2.5. Develops methods and improves procedures for storing property. Plans use of storage facilities. Stores, issues, ships, and transfers property. Controls issue of classified, sensitive, pilferable, and controlled items.
2.6. Coordinates with maintenance activities on repairable component actions. Controls and issues bench stock property. Obtains material required for equipment modification, periodic component exchange and bills of material in support of maintenance. Accounts for all items contained in mobility readiness spares packages.
2.7. Provides materiel management expertise to combat support, enabler organizations and responsible officers for the proper accounting and control of specified classes of supply. Reviews and validates requirements. When required, initiates follow-up actions on materiel requirements. Coordinates equipment transfer and deployment actions with the accountable officer.
2.8. Plans and schedules materiel storage and distribution activities.
2.9. Processes information retrievals using materiel management system databases. Manages materiel management related systems and hardware. Performs operator maintenance on materiel management related systems and hardware. Applies system security policy and procedures to prevent unauthorized changes to information. Distributes materiel management computer products.
2.10. Acts as a subject matter expert to the commander on the operation of materiel management systems and operations. Monitors Defense Data Network traffic through use of the Materiel Management Interface System. Ensures database integrity and makes necessary corrections.
2.11. Controls and operates the Remote Processing Station (RPS).
2.12. Monitors systems processing and corrects processing errors. Monitors materiel management traffic through use of the Materiel Management Interface System and takes corrective action. Maintains liaison with the Standard Systems Group, MAJCOMs, and the servicing Defense Megacenters, to identify and correct problems.
2.13. Develops database retrieval scripts for materiel management support analyses.
2.14. Operates motor vehicles and assorted materiel handling equipment.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of basic mathematics, materiel management policies and procedures, Air Force property accounting, stock and inventory control, accountability and responsibility, principles of property accounting through manual or automated data processing (ADP), storage methods, warehouse control (issue and disposal), materiel handling techniques, methods of preparing and maintaining materiel management records, manual and automated materiel management accounting systems, logistics principles and interactions(materiel management, maintenance, transportation, and procurement), hazardous material and waste procedures, and deployment or contingency operations.
3.2. Education. For entry into this AFSC, completion of high school with a course in mathematics is desirable.
3.3. Training. For award of AFSC 2S031, completion of a basic materiel management course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2S051. Qualification in and possession of AFSC 2S031. Also, experience is mandatory in preparing and maintaining documentation and records associated with materiel management.
3.4.2. 2S071. Qualification in and possession of AFSC 2S051. Also, experience is mandatory supervising storage facilities, analyzing trends in stockage policy and customer support, and operating contingency processing functions.
3.4.3. 2S091. Qualification in and possession of AFSC 2S071. Also, experience is mandatory managing functions such as computing stock control levels; receiving, storing, and issuing property.

3.5. Other. The following are mandatory as indicated:
3.5.1. See attachment 4 for entry requirements.
3.5.2. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.3. Must possess a valid state driver's license to operate government motor vehicles (MGC) in accordance with AFI 24-301, *Ground Transportation.*
3.5.4. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments.
3.5.5. Completion of current T3 background investigation according to AFMAN 16-1405, *Personnel Security Program Management* is mandatory.
3.5.6. Retraining into the 2S0XX career field within the Air Force Reserves and Air National Guard is restricted to the grades of E-6 and below with less than 10 years of Total Federal Military Service.

TRANSPORTATION AND VEHICLE MANAGEMENT CAREER FIELD (2T)

Introduction

The Transportation and Vehicle Management Career Field encompasses transportation functions involving traffic management, air transportation, ground transportation and vehicle management.

Traffic management, air and ground transportation functions take part in moving personnel, materiel, and household goods by military and commercial transportation activities. Included are packaging; handling and loading freight and baggage on military aircraft and vehicles; scheduling military air and ground transportation of personnel and materiel; briefing and caring for passengers on military aircraft; and arranging for commercial air, rail, motor, and water transportation of personnel, materiel, and household goods; vehicle servicing and inspections; supporting distinguished visitors, contingency and crisis response planning and actions; planning and coordinating for special event transportation support; administering the DoD Official Use program and installation driver qualification and licensing program.

Vehicle management functions entail cradle to grave management of assigned vehicle fleets, including inspecting, repairing, and maintaining vehicles and vehicular equipment; vehicle body maintenance, repair, and refinishing; vehicle maintenance and fleet management analysis; and related functions.

Excluded from this career field are maintaining aerospace ground equipment used in direct support of aircraft and missiles and maintaining fixed power production equipment. Also excluded are functions of scheduling, clearing, and dispatching aircraft.

CEM Code 2T000
AFSC 2T091, Superintendent
AFSC 2T071, Craftsman
AFSC 2T051, Journeyman
AFSC 2T031, Apprentice
AFSC 2T011, Helper

TRAFFIC MANAGEMENT OPERATIONS
(Changed 30 Apr 22)

1. **Specialty Summary.** Performs and manages traffic management activities. Uses military and commercial transportation to move personnel, eligible dependents, materiel, and property. Packages, classifies, and arranges personal property and cargo for shipment or storage. Related DoD Occupational Subgroup: 155300.

2. **Duties and Responsibilities:**
2.1. Plans, organizes, and directs traffic management activities. Maintains and issues transportation documents. Prepares budget estimates for materials, equipment, and transportation services. Provides advice on transportation solutions to contracting officials, procurement of personnel, and to mobility planners. Reviews Foreign Clearance Guide, consignment instructions, Transportation Facilities Guide, and applicable guidance to ensure personal property, DoD materiel, and passengers comply. Verifies carrier/contractor performance. Initiates discrepancy reports. Determines work priority. Resolves administrative and operational problems and authorizes deviation from procedures. Reconciles carrier/vendor invoices for payment of transportation services. Utilizes appropriate logistics systems to prepare, transmit, and receive transportation transaction data. Executes traffic management activities to support mobility operations both at home station and deployed locations.
2.2. Personal Property: Counsels personnel and eligible dependents on personal property movements. Reviews official travel orders and determines transportation entitlements. Uses carrier tariffs and rates to determine mode and cost of transportation to move or store personal property. Directs Transportation Service Providers (TSPs) to identify, mark, and label personal property for shipment or storage. Arranges shipment and storage of personal property. Validates need for and use of temporary storage. Observes, documents, and evaluates TSP or contractor performance in moving personal property and ensures compliance with service tenders, tariffs, contract specifications, and Government regulations.
2.3. Cargo: Receives items for shipment or storage. Segregates items requiring special handling. Determines cargo priority, validates transportation funding, and schedules movement accordingly. Preserves, packs, marks, and labels materiel. Packaging includes blocking and bracing materiel on TSP's equipment to include munitions. Determines characteristics of commodities to be shipped. Construct and fabricate containers for freight shipment. Operates woodworking equipment and other equipment including machines that weigh, band, staple, tape, and seal. Classifies cargo and uses best value considerations to determine mode and method for transportation of materiel. Identifies, marks, and labels cargo for shipment or storage. Certifies hazardous cargo to be moved by all modes of transportation. Determines and schedules proper carrier equipment for loading and unloading. Consolidates and routes shipments to include application of required transportation protective services. In checks all Defense Transportation System cargo arriving at the installation into appropriate transportation system of record. Evaluates arriving shipments for over, short, damaged, and astray cargo and initiates appropriate reports and claims. Performs limited inspection of materiel to validate kind, count, condition, and application of required packaging and preservation. Performs receipt of materiel into the appropriate system of record. Coordinates pickup and delivery of materiel. Coordinates with base activities to control flow of inbound and outbound cargo. Operates and maintains material handling equipment such as forklifts, pallet jacks, and hand-trucks.
2.4. Passenger Travel: Selects and arranges official travel for individuals and groups. Counsels personnel and eligible dependents on passenger movement. Reviews official travel orders and determines transportation entitlements. Prepares passenger related travel documents. Processes partial and fully unused commercial airline tickets for refund. Verifies commercial travel office routing and fares. Processes pay adjustment authorizations, cash collection vouchers and public vouchers for purchase and services other than personal. Computes government constructive costs. Performs quality assurance of contract Travel Management Company performance.
2.5. Installation Deployment Readiness Cell (IDRC): Participates in Installation Deployment Process Working Group (DPWG). Reviews/validates unique installation deployment requirements are addressed in standard base operation procedures and ensures organic transportation capability exists to execute these requirements as needed. Maintains oversight of air terminal operations in support of deployment and redeployment operations. Ensures comprehensive transportation related deployment training is conducted for deployment work center personnel and Unit Deployment Managers. Lead transportation functional POC supporting staffing and operation of Deployment Control Center (DCC). Directs subordinate transportation related deployment functions to include Cargo Deployment Function (CDF) and Personnel Deployment Function (PDF) when DCC is activated. Staffs and operates CDF when activated. Performs all actions necessary to receive, in-check, inspect, marshal, load plan, manifest, and supervise loading cargo aboard deploying aircraft or vehicles. Staffs and operates transportation related positions of the PDF when activated. Performs all actions necessary for monitoring all personnel processing activities to include passenger manifesting, passenger baggage handling, and passenger loading. Arranges passenger airlift for tasked Unit Line Numbers when movement data is provided by the Installation Deployment Officer or designated representatives.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: federal, international, and military transportation regulations, instructions, and directives; passenger and personal property entitlements; quality assurance evaluation procedures, United States and foreign customs regulations, and warehousing procedures; military passenger, freight, and personal property rate computations; packaging methods, specifications, standards, and orders; marking and labeling materiel; DoD Supply Chain Deliver/Return concepts, principles of property accounting, and hazardous cargo requirements; blocking, bracing, and tiedown principles; and carrier capabilities and procedures for movement of passengers, cargo, and personal property in military and commercial air, rail, truck, and water systems.
3.2. Education. For entry into this specialty, completion of high school is required. A general knowledge of computer systems and a formal course in word processing is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 2T031. Completion of the basic traffic management course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2T051. Qualification in and possession of AFSC 2T031. Also, experience in all three core functional areas of Traffic Management (Personal Property, Cargo, and Passenger), and certification of assigned work-center tasks.
3.4.2. 2T071. Qualification in and possession of AFSC 2T051. Also, experience in and supervision of all three core functional areas of Traffic Management (Personal Property, Cargo, and Passenger), and certification of assigned work-center tasks.
3.4.3. 2T091. Qualification in and possession of AFSC 2T071. Also, experience with the management of moving personal property, cargo, and passengers, including freight classification/routing and carrier selection.
3.5. Other. The following are mandatory as indicated:
3.5.1. See attachment 4 for entry requirements.
3.5.2. For entry, award, and retention of AFSCs 2T011/31/51: must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, Ground Transportation.
3.5.3. For entry, award, and retention of these AFSCs: must maintain ability to ship, transport, possess, or receive firearms or ammunition IAW the1996 Domestic Violence Amendment to the *Gun Control Act of 1968* (Lautenberg Amendment).
3.5.4. For award and retention of these AFSCs: must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.5. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment. For award and retention of AFSCs 2T0XX, completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.
3.5.6. Retraining into the 2T0XX career field within the Air Force Reserves and Air National Guard is restricted to the grades of E-6 and below with less than 10 years of Total Federal Military Service.

CEM Code 2T100
AFSC 2T191, Superintendent
AFSC 2T171, Craftsman
AFSC 2T151, Journeyman
AFSC 2T131, Apprentice
AFSC 2T111, Helper

GROUND TRANSPORTATION
(Changed 30 Apr 20)

1. **Specialty Summary.** Advances the Air Force mission by providing centralized, efficient, and economical organic ground transportation capabilities for movement of personnel and cargo. Plans, organizes, and directs ground transportation support to operational missions. Operates and manages light and heavy-duty vehicles such as buses, truck and semi-trailer combinations, forklifts, and wrecker/recovery vehicles. Administers the Department of Defense Official Use program, provides examination and licensing of installation motor vehicle operators, manages the installation's pooled vehicle fleet, provides the efficient planning and use of equipment and resources, and performs preventative maintenance of the pooled vehicle fleet. Related DoD Occupational Subgroup: 181100.

2. **Duties and Responsibilities:**
2.1. Operates, services, and performs preventative maintenance on government motor vehicles. Prepares, reviews, and maintains vehicle operator forms, records, and reports. Conducts pre-, during and post-operation vehicle inspections and documents results.
2.2. Conducts control center operations through planning and scheduling of resources to meet transportation support requirements. Designates and coordinates taxi, shuttle bus and mass transportation requirements. Manages school bus transportation. Maintains records and logs. Controls and safeguards trip kit and packet supplies and equipment such as credit cards, toll tickets, and passes. Serves as unit control center and initiates quick reaction checklists, operation plans, and personnel recalls.
2.3. Coordinates and schedules documented cargo movement. Uses automated and non-automated tracking processes for cargo accountability and maintains applicable forms. Reviews records and logs to ensure proper turn in of accountable documents.
2.4. Provides transportation services for distinguished visitors and special events. Plans and coordinates special arrangements with protocol, security agencies and other functions. Displays appropriate customs and courtesies. Supports personal security details.
2.5. Administers installation motor vehicle operator qualification, examination, and licensing program. Serves as liaison with federal, state, local, host nation and multi-national authorities on licensing matters; ensures compliance by base agencies. Initiates vehicle trainer background checks. Coordinates and maintains vehicle plans of instruction.
2.6. Makes official use of government motor vehicle determinations. Documents and tracks reported cases of vehicle misuse.
2.7. Develops and implements tactics, techniques, and procedures commensurate with expeditionary operational requirements in support of the USAF Agile Combat Support CONOPS. Reviews contingency, mobility, and natural disaster plans to determine ground transportation requirements. Identifies and establishes required bare-base ground transportation activities. Establishes sub motor pool procedures and implements deployment and redeployment actions. Prepares and conducts convoy operations. Operates vehicles while in mission oriented protective postures.
2.8. Partners and combines skill sets with other functional communities, and entities in providing a full range of ground support capabilities in meeting the commander's intent.
2.9. Uses mobile communication and navigation systems. Determines and implements personal and collective security measures for expeditionary and in- garrison operations.
2.10. Manages work centers. Establishes work methods and performance standards. Advises commander, staff, and operating agencies of availability, limitations, and requirements for motor vehicles and personnel. Develops operating and administrative procedures. Develops cost center resource requirement estimates. Compiles operating costs and maintains expense records. Prepares and defends budget. Allocates and inspects facilities and equipment. Conducts self-inspections. Investigates accidents or incidents within functional areas. Coordinates manning requirements with manpower agencies. Evaluates ground transportation services. Reviews and validates support agreements. Evaluates and approves special requests. Reviews, interprets, and validates records, directives, and documents. Performs as quality assurance evaluator and functional area chief. Partners with base contracting in developing and monitoring contract transportation services.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: safe operation of Air Force government motor vehicles, official use of government motor vehicles and equipment; control center operations, operator qualification and licensing functions; evaluating, staffing, and validating transportation support agreements; evaluating requirements and developing operating procedures to support contingency and mobility operations; resource management; custodial responsibilities; budget preparation; and developing and monitoring contracted services.
3.2. Education. For entry into this specialty, completion of high school is desirable.
3.3. Training. For award of AFSC 2T131, completion of the Ground Transportation Apprentice course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2T151. Qualification in and possession of AFSC 2T131. Also, experience performing vehicle operations functions such as inspecting, servicing, operating, scheduling, and dispatching vehicles; controlling equipment and performing custodial duties; or preparing, reviewing, and maintaining vehicle forms and records.

3.4.2. 2T171. Qualification in and possession of AFSC 2T151. Also, experience performing or supervising functions such as vehicle dispatch, planning and scheduling transportation support, administering operator qualification and licensing program, developing cost center resource estimates, or investigating accidents or incidents.
3.4.3. 2T191. Qualification in and possession of AFSC 2T171. Also, experience managing vehicle operations functions such as vehicle dispatch, operator records, and licensing.
3.5. Other. The following are mandatory as indicated:
3.5.1. See attachment 4 for entry requirements.
3.5.2. Must possess a valid state driver's license to operate a government motor vehicle (GMV) in accordance with AFI 24-301, *Ground Transportation*, prior to entry into the Career Field.
3.5.3. For entry, award, and retention of these AFSCs:
3.5.3.1. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24- 301, *Ground Transportation*.
3.5.3.2. Must maintain eligibility to deploy and mobilize worldwide. Of the three assignment limitation codes, C-1, C-2, and C-3, those coded C-1 or C-2 with approved waivers for PCS/Deployment are acceptable provided they are capable of performing the core tasks of AFSC 2T1XX.
3.5.3.3. Normal color vision as defined in AFI 48-123, Medical Examinations and Standards.
3.5.4. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, Computer Security.
3.5.5. Retraining into the 2T1XX career field within the Air Force Reserve or Air National Guard is restricted to the grades of E-6 and below with less than 10 years of Total Federal Military Service.

CEM Code 2T200
AFSC 2T291, Superintendent
AFSC 2T271, Craftsman
AFSC 2T251, Journeyman
AFSC 2T231, Apprentice
AFSC 2T211, Helper

AIR TRANSPORTATION
(Changed 30 Apr 22)

1. **Specialty Summary.** Performs and manages air transportation activities. Plans, schedules and processes eligible passengers and cargo for air movement. Loads and unloads passengers, cargo, and baggage moved on military and commercial-contract aircraft. Prepares and maintains air movement records and reports. Performs aircraft cleaning services and delivers meals and comfort item supplies to aircraft. Operates forklifts and aircraft loading equipment. Uses computer systems to provide in-transit visibility over passenger and cargo movement operations. Related DoD Occupational Subgroup: 155300.

2. **Duties and Responsibilities:**
2.1. Supports the Department of Defense's capability to move passengers and air cargo worldwide. Plans, organizes, directs, coordinates, and controls air transportation activities. Determines and justify personnel, equipment, and facilities required to accomplish air transportation functions. Supplements policies, directs personnel, and establishes procedures to process, load, document, and report passengers and cargo transported by air. Inspects airlift activities for compliance and recommends corrective action. Conducts personnel and equipment management surveys, and provides technical assistance as required. Enforces safety, quality control, and security measures.
2.2. Offers customer information on flight schedules, routes, air movement requirements, baggage limitations, and specifics on local facilities. Performs procedures to check in, process, schedule, transport, and escort passengers to and from aircraft. Ensures all passenger border clearance requirements have been met. Operates terminal security equipment and conducts passenger and baggage security inspections. Reviews passenger travel authorizations for validity and accuracy. Applies tariff rates, collects fares, and accounts for documents and monies. Use automated systems to provide in-transit visibility and to document passenger movement operations. Develops procedures for handling special category passengers.
2.3. Verifies eligibility of cargo offered for airlift. Ensures all cargo documentation, packaging, labeling, and marking requirements, and border clearance requirements have been met. Determines quantity and type of cargo to be loaded according to aircraft allowable cabin load. Selects, assembles, palletizes, and transports cargo loads to and from aircraft and storage areas. Checks cargo against manifests and annotates shipment overages, shortages, or damages. Secures cargo with appropriate restraint equipment. Uses automated systems to provide in-transit visibility and to document cargo movement operations. Determines and implements necessary safety and security precautions for handling and storing hazardous materials, special cargo, mail, and baggage.
2.4. Performs air terminal operations and fleet service functions. Prepares, completes, and maintains air movement records, documents, and reports. Selects load, prepares load plans, and computes aircraft center of balance. Plans and manages fleet service activities to provide cleaning, lavatory servicing, and meal delivery on aircraft. Completes actions to requisition, store, and issue expendable and nonexpendable items for use on aircraft.

3. **Specialty Qualifications:**
3.1. Knowledge. Passengers and cargo movement functions to include transport aircraft types, capabilities, and configurations; weight and balance factors; airlift transportation directives and documentation; cargo securing techniques; border clearance requirements; operation of material handling and other types of loading equipment or devices, fleet service functions; automated data processing equipment and its application in airlift activities; passenger service functions, and customer relations principles.
3.2. Education. For entry into this specialty, completion of high school or a general educational development equivalency with courses in English, Computer Operation, and Mathematics is desirable.
3.3. Training. For award of 2T231 AFSC, completion of the basic air transportation course is mandatory. Note: ARC personnel with prior service may complete TPC Basic Transportation Course. In addition, these personnel must complete knowledge training on all tasks taught in the initial skills course combined with additional mandatory requirements identified by the ARC MFM and approved by the 2T2 CFM. Only after completing mandated OJT are prior service personnel awarded a 3-skill level.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2T251. Qualification in and possession of 2T231 AFSC. In addition, experience in functions such as loading and unloading aircraft; operating automated or manual materials handling and other loading equipment and processing, scheduling, and maintaining records related to passenger and cargo movement.
3.4.2. 2T271. Qualification in and possession of 2T251 AFSC. In addition, experience supervising functions such as preparing aircraft load plans; loading and unloading aircraft; operating automated and manual materials handling equipment, processing, scheduling, and maintaining records on passenger movement by airlift.
3.4.3. 2T291. Qualification in and possession of 2T271 AFSC. Also, experience and general knowledge of air transportation systems and mobility operations to include: hub and spoke dynamics, air transportation organizational constructs, and passenger and cargo movement procedures through the defense transportation system. Note: ARC personnel must have a minimum of two years as a 2T271, proficient in

all seven-level tasks (as outlined in CFETP2T2X1), and capable of performing shift supervision roles conducive to assigned rank before award of the 9-skill level.

3.5. Other. The following are mandatory as indicated:

3.5.1. See attachment 4 for entry requirements.

3.5.2. For entry, award, and retention of AFSCs 2T211/31/51, must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Ground Transportation*, as well as the ability to speak distinctly and communicate well with others.

3.5.2.1. Specialty requires routine access to Secret material or similar environment.

3.5.3. For award and retention of 2T2X1,

3.5.3.1. Completion of a current National Agency Check, Local Agency Checks and Credit (NACLC) according to AFMAN 16-1405, Air Force Personnel Security Program Management, and maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security (COMPUSEC).* Note: Award of the 3-skill level without a completed NACLC is authorized provided an interim Secret security clearance has been granted according to AFMAN 16-1405.

3.5.3.2. Retraining into the 2T2XX career field within the Air Force Reserve or Air National Guard is restricted to the grades of E-6 and below with less than 12 years of Total Federal Military Service.

CEM Code 2T300
AFSC 2T390, Superintendent

VEHICLE MANAGEMENT
(Changed 31 Oct 16, Effective 4 Jan 16)

1. **Specialty Summary.** Manages the vehicle fleet. Activities include the management of vehicle authorization listings, vehicle buy and vehicle control programs and associated maintenance requirements such as inspection, diagnostics, repair, modification, refinishing, and data collection for the vehicle and equipment fleet. Programs include maintenance and fleet management analysis, quality assurance, training, and material control. Related DoD Occupational Subgroup: 170400.

2. **Duties and Responsibilities:**
2.1. Plans, organizes, and directs vehicle management activities. Ensures adequate manpower authorizations, personnel, tools, equipment, spare parts, and workspace are available. Establishes production goals, quality controls, operating instructions, annual budgets, and self-inspection programs. Maintains liaison with users and supply organizations regarding spare parts requirements. Promotes customer satisfaction. Initiates action for interservice and intraservice vehicle maintenance support requests from other Department of Defense agencies. Oversees fleet management and analysis, as well as maintenance activities responsible for vehicle repair, analysis, training, parts procurement, and contingency planning to ensure effective use of maintenance resources. Coordinates on and assists using organizations with processing procedures for vehicle authorization changes. Reviews and coordinates on vehicle abuse, accident, and incident cases. Provides input to and reviews the Aerospace Expeditionary Force (AEF) Reporting Tool.
2.2. Ensures accountability for vehicle fleet, tools, equipment, space, supplies and facilities. Monitors and validates vehicle authorizations, new vehicle requests, annual vehicle buy program, limited technical inspections, vehicle depot-level repair requirements, vehicle add- on equipment request, reimbursement and refundable actions, vehicle utilization, vehicle minimum essential levels, vehicle priority recall list, vehicle and part warranties, manpower changes, requirements, and facility upgrades. Monitors parts procurement programs to ensure compliance with all applicable guidance. Monitors related contracts and identifies problems to the contract administrator. Supervises programs affecting depot level repairs, shipment of vehicles, maintenance priorities, record keeping, material deficiency reporting, preventative maintenance and inspections, special inspections, fleet management, registered equipment management and analysis to ensure regulatory compliance. Oversees the collection, control and disposition of hazardous and toxic waste material accumulations, vehicle lease program and vehicle control program. Ensures compliance with developed safety practices, policies, and standards. Reviews and approves vehicle lesson plans for compliance with technical data and safety standards. Reviews vehicle/equipment modification request for safety and compliance with technical data, forwards request to approval authority if valid.
2.3. Periodically inspects maintenance, repair sections, fleet management, analysis, and material control. Determines operational status and solves complex maintenance, fleet management, supply, and personnel problems. Analyzes maintenance reports, past and current performance, and inspection reports to ensure cost effective operations, timely preventive maintenance, repairs, and rebuilding of vehicular equipment. Identifies unfavorable trends as they occur. Initiates corrective actions and revises procedures to improve effectiveness and eliminate deficiencies. Monitors and coordinates on military construction projects affecting vehicle management areas.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: maintenance and fleet management policies and procedures; maintenance analysis activities; contract administration and evaluation; supply and inventory management; publications; technical order and material deficiency reporting systems; On-Line Vehicle Interactive Management System and Logistics Installation and Mission Support Enterprise View – Vehicle View; base supply procedures and allowances standards; training requirements and programs; Air Force manpower standards and their application; facility requirements; and Air Force Occupational Safety and Health standards.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. Qualification in and possession of AFSC 2T371/77. Also, experience is mandatory managing functions such as vehicle maintenance and fleet management activities.
3.5. Other: The following are mandatory for award and retention in this specialty.
3.5.1. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Ground Transportation*.
3.5.2. Must possess a valid state driver's license to operate GMVs and vehicular equipment for "Maintenance Purposes Only" in accordance with AFI 24-301.
3.5.3. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.4. Retraining into the 2T3XX career field within the Air Force Reserves and Air Nation Guard is restricted to the grades of E-6 and below with less than 10 years of Total Federal Military Service.

AFSC 2T371, Craftsman
AFSC 2T351, Journeyman
AFSC 2T331, Apprentice
AFSC 2T311, Helper

MISSION GENERATION VEHICULAR EQUIPMENT MAINTENANCE

(Changed 30 Apr 25)

1. **Specialty Summary.** Supervises and performs vehicle maintenance activities on military and commercial design general and special purpose, base maintenance, aircraft and equipment towing vehicles, fire fighting vehicles, aircraft and ground refueling, or Material Handling Equipment (MHE), and vehicular equipment. Activities include inspection, diagnostics, repair, rebuild of components and assemblies, fabrication of parts, weld metals and repair vehicle glass. Ensures compliance with vehicle maintenance policies, directives, and procedures. Related DoD Occupational Subgroup: 161000 & 195000.

2. **Duties and Responsibilities:**
2.1. Performs scheduled and unscheduled maintenance on vehicles and vehicular equipment. Inspects, tests, and operates vehicles and vehicular equipment to determine serviceability and proper operation. Diagnoses mechanical and electronic malfunctions using visual and auditory examinations, test equipment, and technical publications. Removes, disassembles, repairs, cleans, treats for corrosion, assembles, and reinstalls accessories and components.
2.2. Diagnoses malfunctions and repairs vehicles and vehicular equipment. Evaluates and performs troubleshooting before assigning repair action. Inspects and approves completed maintenance actions. Prepares vehicles and vehicular equipment for storage, shipment, and mobility deployment. Solves repair problems by studying drawings, wiring diagrams and schematics, and technical publications. Uses automated maintenance systems to monitor maintenance trends, analyze equipment requirements, maintain equipment records, and document maintenance actions. Analyzes and repairs vehicles using conventional and digital multimeters, voltmeters, ohmmeters, oscilloscopes, scan tools and hand tools. Stores, handles, uses, and disposes of hazardous material and waste according to environmental standards.
2.3. Plans and organizes maintenance activities. Establishes production controls and standards. Interprets and implements policy directives and instructions pertaining to maintenance, including environmentally safe maintenance practices. Determines resource requirements, including facilities, training, equipment, and supplies. Inspects maintenance activities, evaluates resource use, and recommends corrective actions. Determines equipment serviceability criteria when it does not exist. Practices and ensures compliance with all established safety policies and standards. Implements hazardous waste management policies and procedures ensuring collection, control, disposition, and proper procedures for handling of hazardous and toxic waste material accumulations.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: principles of electricity, electronics, general mechanics, heating, refrigeration, pneumatics, hydraulics, and combustion engines; troubleshooting, inspecting, repairing, and modifying equipment; use of automated maintenance systems; application of maintenance management techniques; interpretation of maintenance directives, technical publications, drawings, wiring diagrams and schematics; and proper identification, handling, use, and disposal of hazardous waste.
3.2. Education. For entry into this specialty, completion of high school or general education development equivalency is mandatory.
3.3. Training. Completion of the following training is mandatory for the award of the AFSC indicated:
3.3.1. Training. For award of AFSC 2T331, completion of the Interservice Training Review Organization apprentice course and Mission Generation Vehicular Equipment Maintenance apprentice course is mandatory.
3.4. Experience.
3.4.1. For award of AFSC 2T351, qualification in and possession of AFSC 2T331 and applicable core tasks is mandatory. Also, experience is mandatory in functions such as inspecting, repairing, or maintaining vehicles and vehicular equipment.
3.4.2. For award of AFSC 2T371, qualification in and possession of AFSC 2T351 and applicable core tasks is mandatory. Also, supervisory experience in functions such as inspecting, repairing, modifying, or troubleshooting vehicular and equipment systems, automotive body repair and surface refinishing, welding operations and glass work.
3.5. Other. The following is mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision according to AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. The following are mandatory for award and retention in this specialty:
3.5.2.1. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Ground transportation*.
3.5.2.2. Must possess a valid state driver's license to operate GMVs for "Maintenance Purposes Only" in accordance with AFI 24-301.
3.5.2.3. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.4. Retraining into the 2T3XX career field within the Air Force Reserves and Air Nation Guard is restricted to the grades of E-6 and below with less than 10 years of Total Federal Military Service.

AFSC 2T377, Craftsman
AFSC 2T357, Journeyman
AFSC 2T337, Apprentice
AFSC 2T317, Helper

FLEET MANAGEMENT AND ANALYSIS

(Changed 31 Oct 16, Effective 4 Jan 16)

1. **Specialty Summary.** Supervises and performs the scheduling and analysis of maintenance performed on vehicles and equipment. Oversees fleet management and accounts for vehicle fleet. Uses a computer to manage the vehicle data collection system and develops local retrievals to obtain specific data. Performs materiel control functions. Files historical data and maintains vehicle records. Related DoD Occupational Subgroup: 155800.

2. **Duties and Responsibilities:**
2.1. Supervises and performs On-Line Vehicle Interactive Management System (OLVIMS) and fleet management functions. Manages vehicle leasing program. Inputs data to the OLVIMS and Standard Base Supply System (SBSS) computer systems and verifies data accuracy. Prepares, reviews, and corrects OLVIMS system products. Develops base vehicle priority buy program, vehicle minimum essential levels, vehicle priority recall listing and vehicle rotation plan. Performs fleet maintenance, operations analysis, and vehicle control program. Develops local retrievals to obtain specific data and analyzes this data for specific trends. Coordinates with work center supervisors and using organizations to ensure a timely repair of assigned vehicles. Monitors contract and warranty repairs, status, and funding. Develops and administers long and short-range plans and programs for completion of preventative maintenance and inspections, special inspections, and projects. Programs vehicles for depot maintenance on a five-year maintenance plan. Controls and administers the delayed maintenance and accident and abuse programs. Operates computers and calculators. Maintains and files vehicle historical data and records jackets. Analyzes data for deviations from specific performance indicators and helps to develop corrective actions.
2.2. Performs vehicle management data reporting/transfer as required. Uses Logistics Installation and Mission Support Enterprise View
2.3. Vehicle View (LIMS EV-VV). Collects data for mandated reporting requirements such as Resource Conservation and Recovery Act (RCRA), Status of Resources and Training Systems (SORTS), etc.
2.4. Assembles specific vehicular information by extracting and tabulating maintenance data in a logical presentation sequence using automated and manual methods. Prepares data for presentation in tabular, chart, graphic and summary form. Gives written and narrative summaries to meet management needs.
2.5. Manages Air Force equipment management system program for vehicle fleet. Develops alternative sources of support for operational vehicle shortfalls. Manages vehicle custodial account and vehicle authorization and utilization program, prepares, and defends base level submission for central appropriated funds procurement of motor vehicles and other budgetary accounts. Reviews and coordinates on statements of work and performance requirements documents requiring government vehicles. Monitors and coordinates on military construction projects.
2.6. Inputs routine and Mission Capable (MICAP) requisitions in SBSS, monitors Due-In From Maintenance (DIFM) Program and processes SBSS inquiries.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: vehicle fleet management and analysis; maintenance responsibilities; maintenance data collection and reporting procedures; LIMS EV-VV; and small computer operation.
3.2. Education. For entry into this specialty, completion of high school with courses in algebra or equivalent mathematics, small computer operations, and auto mechanics is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 2T337. Completion of a fleet management and analysis apprentice course.
3.3.2. 2T377. Completion of the Vehicle Management 7-skill level web-based training.
3.4. Experience. The following experience is mandatory for award of AFSC indicated:
3.4.1. 2T357. Qualification in and possession of AFSC 2T337. Also, experience in functions such as vehicle fleet management & analysis, quality control, customer service center or maintenance shop work center, obtaining parts and materials for use in vehicle maintenance, and management of leased/rental vehicles and DoD FLEET Fuel Card Program.
3.4.2. 2T377. Qualification in and possession of AFSC 2T357. Also, experience performing or supervising functions such as vehicle fleet management and analysis, quality control, customer service center or maintenance shop work centers, and in obtaining parts and materials for use in vehicle maintenance.
3.5. Other.
3.5.1. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs: must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.3. Retraining into the 2T3XX career field within the Air Force Reserves and Air Nation Guard is restricted to the grades of E-6 and below with less than 10 years of Total Federal Military Service.

MUNITIONS AND WEAPONS CAREER FIELD (2W)

Introduction

(Changed 30 Apr 24)

The Munitions and Weapons Career Field family includes inventory management, assembling, maintaining, handling, storing, transporting, and aircraft loading of nuclear and non-nuclear munitions, guided aircraft missiles, rockets, and solid propellants. It also includes installing, maintaining, and repairing aircraft munitions release and monitoring systems, bomb racks, shackles, aircraft machine guns, and cannons; and assembling mechanical components of guided aircraft missiles and rockets. It further includes inspecting, assembling, maintaining, and modernizing mechanical, electrical, electronic, and high explosive components of nuclear weapons and warheads, air launched missiles, reentry vehicles, associated test equipment, and radiological survey instruments. Included in this field are functions of testing mechanical, electrical, and electronic components for acceptance; installing, operational checking, and repairing weapons, warheads, air launched missiles, missile turbojet engines, and reentry vehicle components; surveying and plotting radiation hazards; using and maintaining specialized radiation monitoring instruments; munitions disposal activities; ensuring compliance with environmental directives; and technical escort functions associated with chemical munitions.

CEM Code 2W000
AFSC 2W091, Superintendent
AFSC 2W071, Craftsman
AFSC 2W051, Journeyman
AFSC 2W031, Apprentice
AFSC 2W011, Helper

MUNITIONS SYSTEMS
(Changed 30 Apr 24)

1. **Specialty Summary.** The Munitions Systems career field is responsible for the safety, security, life-cycle logistics, and accountability of all non-nuclear munitions, as well as related sub-components and equipment. This career field is also responsible for the production, materiel, and systems operations needed to warehouse, sustain, assemble, account for, and transport munitions in support of national security objectives. Airmen assigned to the Munitions Systems career field develop skills toward gaining industry recognized professional degrees and certifications in Supply Chain Management, Logistics, Project Management, Commercial Driver's License, Hazardous Materials Management, Instructional Trainer, Safety, and more. Related DoD Occupational Subgroup: 164500.

2. **Duties and Responsibilities:**
2.1. Supply Chain Management: Airmen working in this career field learn to manage munitions materiel and components throughout the supply chain from acquisition to disposal. Airmen will utilize various transportation modes such as air, sea, rail, and ground while managing the shipment of hazardous cargo and components across the global Air Force enterprise. Additionally, they will perform munitions materiel management, logistics, and accounting functions to ensure compliance with Department of Defense Financial Improvement and Audit Remediation (FIAR) objectives. This involves managing inventory processes and controlling auditable source documentation to ensure validity and completeness. Airmen learn how to monitor excess materiel, develop maintenance schedules, and operate inventory management software for materiel accounting, reporting, and configuration tracking. Munitions Airmen will oversee periodic surveillance inspection cycles and coordinate with maintenance activities on reliability status of and corrective actions for components.
2.2. Production and Project Management: Airmen learn the process and art of targeted munitions assembly and mass production to meet mission requirements. They will learn how to collaborate and prioritize operational requirements to optimize internal and external customer support. As their experience increases, Airmen will develop plans, schedules, dynamic teams, and innovative strategies for more complex operations and objectives.
2.3. Resource and Program Management: Munitions Systems Airmen learn to procure, manage, operate, and maintain DoD munitions specific testing equipment as well as a wide range of vehicles and handling equipment commonly used in the private sector such as flatbed trucks, 4k-50k forklifts, 25–40-foot tractor trailers, pallet jacks, pneumatic hoists, and aerospace ground equipment. They will develop the skills and techniques required to manage programs, facilities, personnel, and data in accordance with Air Force, Department of Defense, state, federal and international policies.
2.4. Leadership and Personnel Management: Upon arrival at their first base, Airmen immediately begin learning how to be a crew member during munitions operations. As Airmen gain experience and are awarded the Journeyman skill level they may earn Crew Chief certification, allowing them to lead a small explosive operations team to accomplish the mission, while adhering to explosive safety and Occupational Safety and Health Administration (OSHA) standards. Upon award of the Craftsman skill level, Munitions Systems Airmen are tasked with roles such as Production Supervisor and/or Noncommissioned Officer in Charge (NCOIC) and are responsible for leading several teams within the nine sections of the Flight/Squadron organizational structure. Lastly, as Munitions Systems Airmen continue to refine their leadership skills, they will be awarded the Superintendent skill level. As Superintendents they will have the responsibility to lead multiple NCOIC teams within the Production, Materiel, and System Flights/Sections or assigned as a Senior Enlisted Leader, Major Command Functional Manager, or Career Field Functional Manager.
2.5. Training and Development: The Munitions Systems career field places significant focus on training and development of Airmen. Technical training programs are held at Sheppard AFB, Texas; Beale AFB, California; Field Training Detachments worldwide; and at individual units. Throughout an Airman's Munitions Systems career, they may be expected to attend up to five advancement courses to qualify for key positions, skill level upgrade, and college credits towards the Munitions Systems Technology degree from the Community College of the Air Force. They also have opportunities to earn logistics, acquisition, information technology, and project management certifications, as well as serve in key roles as instructors, advisors, evaluators, managers, and leaders at all Air Force organizational levels. Additionally, Munitions units also establish local recurring training and development programs for all skill levels and ranks, ensuring continued growth for Airmen throughout their career.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge of the following is mandatory: composition and characteristics of munitions and associated items, safety, storage, security and environmental requirements and procedures; techniques for munitions inventory and stock control and other materiel management processes and systems; technical guidance and drawings; precision measuring tools and equipment; handling, use, and disposition of hazardous and nonhazardous materials.
3.2. Education. For entry into this specialty, completion of high school or General Education Development equivalency is mandatory.
3.3. Training. The following training is mandatory for award of the AFSC indicated:

3.3.1. 2W031. Completion of the Munitions Systems Apprentice Course, J3ABR2W031 0A0C, or successor course.
3.3.2. 2W051. Completion of the 2W051 CDC and 12 months of OJT (minimum of 9 months for retrainees).
3.3.3. 2W071. Completion of the Air Force Combat Ammunition Planning and Production course (PDS code 8RM) and 12 months OJT.
3.3.4. 2W091. Completion of the Advanced Munitions Systems, J3AAR2W091 047A or successor course and completion of the Air Force Combat Ammunition Planning and Production course (PDS code 8RM) as a Senior NCO.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2W051. Qualification in and possession of AFSC 2W031. Also, experience is mandatory in performing functions such as warehousing, accounting, mechanical assembly, electronics, transportation of munitions, use of hand tools, and preparing and maintaining documentation and records for inventory management actions involving manual or automated systems or both.
3.4.2. 2W071. Qualification in and possession of AFSC 2W051. Also, experience is mandatory in supervising or performing functions such as receipting, identifying, inspecting, storing, reconditioning, issuing, delivering, maintaining, testing, and assembling guided and unguided munitions; or preparing and maintaining documentation and records for inventory management actions.
3.4.3. 2W091. Qualification in and possession of AFSC 2W071. Also, experience is mandatory in managing functions such as accountable munitions material operations; munitions storage, maintenance, and assembly functions; munitions inspection; equipment maintenance; line delivery and handling functions; computing levels; automated data processing; or maintaining munitions material management accounts.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into the specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, Medical Examinations and Standards.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. Retraining into the 2W0XX career field within the Air Force (Active, Reserves and Air National Guard) is restricted to the grades of E-7 and below with less than 15 years of total federal military service.
3.5.3. For entry, award, and retention of these AFSCs:
3.5.3.1. Must not have chronic, untreated emotional instability or other unresolved mental health conditions.
3.5.3.2. Normal depth perception as defined in AFI 48-123.
3.5.3.3. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations.*
3.5.3.4. Never been convicted of domestic violence IAW the Lautenberg amendment to the Gun Control Act of 1968 and AFI 31-117, *Arming and Use of Force by Air Force Personnel.*
3.5.4. For award and retention of these AFSCs:
3.5.4.1. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments. For award and retention of AFSCs 2W0XX, completion of a current T3 Investigation at a minimum IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory. Certain positions within this specialty (e.g. Flight Chief, Munitions Accountable Systems Officer, MAJCOM Action Officer) require routine access to Tier 5 (T5) material or similar environment. Completion of a current T5 Investigation in accordance with DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program.*
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.
3.5.4.2. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

CEM Code 2W100
AFSC 2W191, Superintendent
AFSC 2W171, Craftsman
AFSC 2W151, Journeyman
AFSC 2W131*, Apprentice
AFSC 2W111*, Helper

★AIRCRAFT ARMAMENT SYSTEMS
(Changed 31 Oct 25)

1. **Specialty Summary.** Loads and unloads nuclear and nonnuclear munitions, explosives, and propellant devices on aircraft. Manages, controls, maintains, and installs aircraft bomb, rocket, and missile release, launch, suspension, and monitor systems; guns and gun mounts; and related munitions handling, loading, and test equipment. Related DoD Occupational Subgroup: 164600.

2. **Duties and Responsibilities:**
2.1. Loads, unloads, and positions munitions on aircraft. Loads, positions, performs safing operations, and unloads munitions. Uses handling, loading, and checkout procedures and equipment. Tests suspension, launch, and release systems for retentive locking, and manual or electrical release. Analyzes malfunctions. Performs functional checks of launch and suspension systems. Prepares munitions and inspects post loading weapons. Operates handling and loading equipment, and mates munitions with aircraft release, launch, and suspension systems. Loads and services aircraft gun systems. Tests electrical and electronic circuitry for continuity, voltage, and proper operation. Tests for unwanted electrical signal or power before connecting electrically actuated explosives and propellants. Installs ground safety devices on munition and gun system components to prevent inadvertent detonation, launching, or firing. Inserts and removes impulse cartridges associated with fuel tanks and pylons. Adjusts and installs fuses, boosters, and delay elements in conventional munitions.
2.2. Inspects, repairs, and maintains aircraft release, launch, suspension, and monitor systems; aircraft guns; and related equipment. Operates, inspects, and performs operator maintenance on related munitions handling, loading, and test equipment. Examines for visual defects and proper installation of systems components such as munitions ejector racks, loading and suspension devices, shackles, rocket pods, pylons, aircraft ammunition, boosters, and feed chutes. Boresights and performs after-firing inspection of aircraft guns. Examines aircraft guns for defects. Analyzes malfunctions of munitions launch, release, suspension, and monitor systems, and associated handling and loading equipment. Disassembles, repairs, or replaces mechanical, electrical, electronic, and pneudraulic mechanisms of launch and release systems, and aircraft gun systems. Removes, disassembles, and inspects parts and subassemblies for damage, rust, corrosion, or acceptable clearances and tolerances. Makes adjustments and applies lubricants and preservatives. Performs serviceability tests on aircraft guns, gun systems, and munitions associated suspension equipment.
2.3. Performs armament systems maintenance functions. Modifies munitions launch, release, suspension, and monitor systems to improve efficiency. Determines probable effect of modifications on future maintenance and operational problems.
2.4. Plans, organizes, and directs aircraft armament systems maintenance activities. Establishes and evaluates performance and training standards, maintenance controls, and procedures. Checks methods and techniques used to load and unload munitions on aircraft, to repair and maintain aircraft release and gun systems, and to maintain, repair, and modify associated equipment. Ensures compliance with policies, directives, and safety procedures. Analyzes productivity and work quality. Evaluates operational efficiency of aircraft guns and munitions systems and recommends modification.

3. ★**Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: electricity; principles of physics, mechanics, electronics, and ballistics applying to munitions launch, release, suspension, fusing, and arming systems, and aircraft gun systems; use of precision measuring tools and equipment; interpreting schematics and wiring diagrams; concepts and application of maintenance directives; nuclear and nonnuclear munitions loading and safety procedures; and proper handling, use, and disposal of hazardous waste and materials.
3.2. Education. For entry into this specialty, completion of high school or General Education Development equivalency is mandatory. Also, completion of courses in mechanics or basic electronics is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. AFSC 2W131X. Completion of a suffix specific basic aircraft armament systems course.
3.3.2. AFSC 2W191. Completion of the Advanced Aircraft Armament Systems course J3AZR2W191 0A1A, PDS Code 08E (effective 31 March 2013). NOTE: Mandatory for Air Reserve Component (ARC).
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2W151. Qualification in and possession of AFSC 2W131C/E/F/J/K/L/N/Q or Z. Also, experience loading and unloading munitions, or maintaining, repairing, and modifying munitions launch, release, suspension, or aircraft gun systems.
3.4.2. 2W171. Qualification in and possession of AFSC 2W151. Also, experience performing or supervising functions such as loading and unloading munitions, or maintaining, repairing, and modifying munitions launch, release, suspension, or aircraft gun systems.
3.4.3. 2W191. Qualification in and possession of AFSC 2W171. Also, experience managing and controlling functions such as loading and unloading munitions, or maintaining, repairing, and modifying munitions launch, release, suspension, or aircraft gun systems.
3.5. Other. The following are mandatory as indicated:
3.5.1. See attachment 4 for additional entry requirements.

3.5.2. For entry, award, and retention of these AFSCs:
3.5.2.1. Must not have chronic mental health conditions.
3.5.2.2. Normal depth perception as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.2.3. Normal color vision as defined in AFI 48-123.
3.5.2.4. No fear working around nuclear weapons or components, nor have an identifiable negative opinion of the role of nuclear weapons within our nation's strategic deterrent mission.
3.5.2.5. Retraining into the 2W1XX career field within the Air Force is restricted to the grades of E-7 and below with less than 15 years of total federal military service (Satisfactory service for ARC).
3.5.2.6. Must maintain eligibility to deploy and mobilize worldwide. Of the three assignment limitation codes, C-1, C-2, and C-3, those coded C-1, or C-2 with approved waivers for PCS/Deployment are acceptable provided they can perform the core tasks the core tasks of AFSC 2W1X1.
3.5.3. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.4. ★Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments. For award and retention of AFSCs 2W1XX, completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory. Additionally, certain positions within combat-coded units (e.g. Wing Weapons Manager, Armament Flight Chief, Weapons Section Chief) and Headquarters Functional Staff require routine access to Tier 5 (T5) Top Secret/Sensitive Compartmented Information (TS/SCI) material. For these positions, completion of a current T5 Investigation in accordance with DoDM 5200.02, AFMAN 16-1405 is required.
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. ***Specialty Shredouts:**

Suffix	*Primary Aircraft*
C	A-10
E	F-15
F	F-16
J	F-35
K	B-52/B-2

Suffix	*Primary Aircraft*
L	B-1
N	F-22
Q	RPA (MQ-1/MQ-9)
Z	All Other

NOTE: Suffixes are authorized only at the 1- and 3-skill levels.

★***<u>For award of Suffix K</u> -** Completion of a Tier 5 Investigation eligibility according to AFMAN 16-1405, *Personnel Security Program Management,* is mandatory. Trainees must be screened for eligibility and meet requirements of the Personnel Reliability Program (PRP) as outlined in the HQ AETC PRP Prescreening guidance. Entry for retraining, applicants must be PRP Prescreened prior to retraining selection. While in technical training applicants will be Administratively Qualified in accordance with PRP standards as outlined in the DoDM 5210.42, AFMAN 13-501, *Nuclear Weapons Personnel Reliability Program (PRP)*.

★***<u>For award of Suffix J</u> –** 2 AF TTOC/Det 1 will PRP pre-screen 60 Basic Military Trainees per Fiscal Year to ensure individuals meet requirements of the PRP as outlined in the HQ AETC PRP Prescreening guidance. The Tier 5 Investigation will be initiated upon arrival to technical training school.

CEM Code 2W200
AFSC 2W291, Superintendent
AFSC 2W271, Craftsman
AFSC 2W251, Journeyman
AFSC 2W231, Apprentice
AFSC 2W211, Helper

★NUCLEAR WEAPONS
(Changed 31 Oct 25)

1. ★**Specialty Summary.** The Nuclear Weapons Systems career field is responsible for the safety, security, life-cycle logistics, and accountability of all nuclear munitions and select strategic systems in the United States Air Force stockpile. This career field is also responsible for the maintenance, production, and systems operations needed to sustain, modify, inspect, assemble, account for, and handle nuclear munitions in support of national security objectives. Airmen assigned to the Nuclear Weapons Systems career field develop skills toward gaining industry recognized professional degrees and certifications in Supply Chain Management, Logistics, Project Management, Commercial Driver's License, Hazardous Materials Management, Instructional Trainer, Safety, and more. Related DoD Occupational Subgroup: 114000.

2. ★**Duties and Responsibilities:**
2.1. ★ Supply Chain Management. Airmen working in this career field learn to manage nuclear weapons materiel and components throughout the supply chain from delivery into Department of Defense custody through all life-cycle phases until returned to final Department of Energy custody. Airmen will utilize various transportation modes such as ground and air while managing the shipment of hazardous cargo globally. Additionally, they will perform nuclear weapons materiel management, logistics, and accounting functions to ensure compliance with U.S. law, U.S. Treaties, Mutual Defense Agreements as well as Department of Defense and Department of Energy policy. This involves managing inventory processes and controlling auditable source documentation to ensure validity and completeness. Airmen learn how to monitor excess materiel, develop maintenance schedules, and operate inventory management software for materiel accounting, reporting, and configuration control. Nuclear Weapons Airmen will oversee periodic surveillance inspection cycles and coordinate maintenance activities on reliability status of and corrective actions for components.
2.2. ★ Production Management. Airmen learn the process and art of maintenance, inspection, troubleshooting, and assembly on nuclear weapons, weapon systems, handling equipment, support equipment, and test equipment to meet mission requirements. They will install and remove nuclear warheads, bombs, missiles and reentry vehicles and systems from/to weapon system platforms. Additionally, they will learn how to collaborate and prioritize operational requirements to optimize internal and external customer support.
2.3. Program and Project Management. As their experience increases, Airman will develop plans, schedules, dynamic teams and techniques required to establish key milestones, identify opportunities to improve, develop long-term organizational goals and track performance indicators. Airman performing these roles will provide updates to senior leaders on the management of facilities, personnel, and programs in accordance with United States, Department of Defense, and international policies.
2.4. ★ Resource Management. Nuclear Weapons Systems Airmen learn to procure, manage, operate, and maintain nuclear weapons specific testing equipment as well as a wide range of vehicles and handling equipment commonly used in the private sector suck as flatbed trucks, 4k-25k forklifts, 25-40-foot tractor trailers, pallet jacks, pneumatic hoists and gantries, and aerospace ground equipment. They will develop the skills and techniques required to manage programs, facilities, personnel, and data in accordance with the Air Force, Department of Defense, state, federal, and international policies.
2.5. ★ Leadership and Human Capital Development. Upon arrival at their first duty station, Airmen immediately begin learning how to be a team member during nuclear weapons maintenance operations. As Airmen gain experience and are awarded the Journeyman skill-level they will become a team chief and lead small teams supporting nuclear weapons sustainment including maintenance, accountability, transportation, and command and control while adhering to explosive safety and Occupational Safety and Health Administration standards. Upon award of the craftsman skill level, Nuclear Weapons Systems Airmen are tasked with roles such as production supervisors, and/or Noncommissioned Officer in Charge (NCOIC), and are responsible for leading several teams within the Flight/Squadron organizational structure. Lastly, as Nuclear Weapons Systems Airmen continue to refine their leadership skills, they will be awarded the Superintendent skill level. As Superintendents, they will have the responsibility to lead multiple NCOIC teams within the Production, Munitions Systems, Air Launched Cruise Missile, or Special Weapons flights or be assigned as a Senior Enlisted Leader, Major Command Functional Manager, or Career Field Functional Manager.
2.6. ★ Training and Development. The Nuclear Weapons Systems career field places significant focus on training and development of Airmen with initial technical training programs being held ad Sheppard AFB, Texas. Throughout an Airman's career, they may be expected to attend advancement courses to qualify for key positions, skill level upgrade, and college credits towards the Munitions Systems Technology degree from the Community College of the Air Force. They also have opportunities to earn logistics, acquisition, information technology, and project management certifications, as well as serve in key roles as instructors, advisors, evaluators, managers, and leaders at all Air Force organizational levels. Additionally, nuclear weapons units also establish local recurring training and development programs for all skill levels and ranks, ensuring continued growth for Airmen throughout their career.
3. ★**Specialty Qualifications:**
3.1. ★Knowledge. Knowledge of the following is mandatory: electrical and mechanical principles; nuclear weapons safety, storage, security, environmental requirements and procedures; inventory and stock control techniques; interpreting block diagrams, technical

guidance, and drawings; precise measuring tools and equipment; and proper handling, use, and disposition of hazardous and non-hazardous waste and materials.
3.2. Education. For entry into this specialty, completion of high school or General Educational Development equivalency is mandatory. Courses in mechanics, physics, or basic electricity are desirable.
3.3. Training. The following in-residence training is mandatory for award of the AFSC indicated:
3.3.1. 2W231. Completion of the Nuclear Weapons Apprentice Course, J3ABR2W231-047A.
3.3.2. ★2W251. Completion of the 2W251 Career Development Course (CDC), 12 months of on-the-job training (OJT), and 12-month certification as a team member on a weapons maintenance, mate/demate, or handling task as outlined in AFMAN 21-204, *Nuclear Weapons Maintenance.*
3.3.3. ★2W271. Completion of the 2W271 CDC, 12 months OJT, and 12-month certification as a team chief on a weapons maintenance, mate/demate, or handling task as outlined in AFMAN 21-204.
3.3.4. 2W291. Completion of the Advanced Nuclear Munitions System Course (J3AAR2W291 047X).
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 2W251. Qualification in and possession of AFSC 2W231. Also, experience in functions such as inspecting, maintaining, storing, handling, and repairing nuclear weapons, weapon components, and using related test and handling equipment.
3.4.2. 2W271. Qualification in and possession of AFSC 2W251. Also, experience in performing or supervising functions such as inspecting, maintaining, storing, handling, and repairing nuclear weapons, weapon components, and related test and handling equipment.
3.4.3. 2W291. Qualification in and possession of AFSC 2W271 and completion of the Advanced Nuclear Munitions System Course (J3AAR2W291 047X). Also, experience managing nuclear weapons and associated resources to include directing functions such as inspecting, maintaining, storing, handling, repairing nuclear weapons, weapon components, and related test and handling equipment.
3.5. Other. The following are mandatory as Indicated:
3.5.1. For entry into this specialty
3.5.1.1. ★No fear of working around nuclear weapons or components, nor have an identifiable negative opinion of the role of nuclear weapons within our nation's strategic deterrence mission.
3.5.1.2. ★Meet mandatory AFSC aptitude, physical profile, and citizenship entry requirements identified in attachment 4.
3.5.1.3. ★Normal color vision as defined in DAFMAN 48-123, Medical Examinations and Standards. Note: 55 on the CCT or 10/14 on the PIP is acceptable for entry into the career field. CCT should be utilized as primary testing choice, but PIP is acceptable if CCT is not available at testing site.
3.5.1.4. ★Normal depth perception as defined in the Medical Standards Directory, a companion document to DAFMAN 48-123, Medical Examinations and Standards.
3.5.1.5. ★No history of excessive alcohol use or been arrested in the past two years for two or more alcohol related incidents regardless of disposition, except when found not guilty.
3.5.1.6. ★Must not have used a substance (sniffing/huffing) to obtain an altered conscious state from aerosol spray, lighter fluid, petrochemical, adhesives, Freon, or any other chemical for a purpose not intended for use.
3.5.1.7. ★Within three years prior to entry into military service, not have been terminated from civilian employment more than twice for reasons of misconduct, theft, or alcohol use.
3.5.1.8. ★No current diagnosis of Attention Deficit Disorder/Attention Deficit Hyperactivity Disorder or perceptual or learning disorder(s), with no use of medication(s) to treat same in the last 12 months.
3.5.1.9. ★Never been convicted of domestic violence IAW the Lautenberg amendment to the Gun Control Act of 1968 and AFI 31-117, Arming and Use of Force by Air Force Personnel.
3.5.1.10. ★Accessions must be screened for eligibility and meet requirements of the Personnel Reliability Assurance Program (PRAP) as outlined in the HQ AETC PRP Prescreening guidance. Retraining applicants must be PRP Prescreened prior to retraining selection. While in technical training applicants will be Administratively Qualified in accordance with PRP standards as outlined in the DoDM 5210.42_DAFMAN 13-501, *Nuclear Weapons Personnel Reliability Program (PRP).*
3.5.1.11. ★See attachment 4 for additional entry requirements.
3.5.2. ★For award, and retention, the following is mandatory:
3.5.2.1. ★Must maintain entry requirements.
3.5.2.2. ★Must attain/maintain training standards and task certifications according to specific duty position Job Qualification Standard.
3.5.2.3. ★No recorded evidence of personality disorder that negatively affects duty performance.
3.5.2.4. ★No record of sustained, untreatable emotional instability as specialty requires continued access to nuclear weapons and components.
3.5.2.5. ★Must meet eligibility requirements to fill critical PRP positions in accordance with DoDM 5210.42_DAFMAN 13-501.
3.5.2.6. ★Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security (COMPUSEC).*
3.5.2.7. ★Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environments. For award and retention, completion of a T5 Investigation is mandatory in accordance with DoDM 5200.02_AFMAN 16-1405, Air Force Personnel Security Program. NOTE: Award of the entry level without a completed T5 Investigation is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02_AFMAN 16 -1405.
3.5.2.8. ★Individuals with suspended clearances greater than 180 calendar days will be considered for removal from the AFSC.
3.5.2.9. ★***NOTE:*** All AFSC withdrawals must be coordinated with AF/A4LW.

CIVIL ENGINEERING CAREER FIELD (3E)
Introduction
(Changed 30 Apr 18)

The Civil Engineering Career Field encompasses:

Mechanical and electrical activities to install, operate, maintain, and repair base direct support systems and equipment; electrical facilities; electrical power generation and distribution; and heating, ventilation, air conditioning and refrigeration systems and equipment, and their controls.

Structural and pavement activities, including construction and maintenance of structural facilities and pavement areas; maintaining pavements, railroads, and soil bases; performing erosion control; operating heavy equipment; structural and metal fabricating, construction, and maintenance; engineering specialists; and operations functions.

Utilities systems functions such as operation, maintenance, repair, and construction of plumbing, water, and wastewater systems and their components; fuel system maintenance; and pest management.

Fire protection, including preventing, controlling, and extinguishing all types of fire occurring on the ground, and performing related rescue, first aid, and property preservation; potential of fires involving facilities, operational processes, wildlands, aerospace vehicles, weapons, and hazardous or other materials; operation and operator maintenance of all types of crash fire rescue and support vehicles; tools and equipment; and services in support of base emergency disaster operations.

Explosive ordnance disposal (EOD) activities, including detecting, identifying, rendering safe, recovering, and destroying

United States and foreign explosive ordnance, improvised explosive devices and weapons of mass destruction which may include; incendiary, chemical, biological, radiological, and nuclear hazards; supervising EOD functions and resolving technical problems; performing as specialized members of the initial response force, disaster response force, tactical response force and response task force.

Readiness activities, including personnel training to accomplish the primary mission under the handicaps imposed by enemy attack and by acts of man and nature; training in detecting, measuring, and decontaminating nuclear, biological, and chemical contaminants; providing and using proper protective equipment; and day-to-day operations requiring establishing, training, and equipping a disaster response force to handle all types of peacetime accidents and requests for assistance from the civilian community.

The Civil Engineering Career Field is a contingency related career field. Personnel serving in this career field may participate in recovery operation as a result of natural and manmade disasters or be subject to deployment and employment in hostile environments created by terrorism, sabotage, or chemical, biological, or conventional warfare. Individuals should have knowledge of contingency skills such as first aid procedures, field sanitation and hygiene, work party security, repair, and construction methods, beddown procedures, personal weapons, chemical warfare defense, and explosive ordnance reconnaissance.

Excluded from this career field are functions of maintenance and repair of ground support equipment that are included in the Aerospace Maintenance Career Field (2A) and medical care of injured personnel (other than emergency first aid) which is included in the Medical Career Field (4X).

CEM Code 3E000
AFSC 3E090, Superintendent

FACILITY SYSTEMS
(Changed 30 Apr 25)

1. **Specialty Summary.** Manages resources and directs activities devoted to installation removal, operation, maintenance, and repair of all electrical power distribution systems, electrical power generating and control systems, fire alarms, lightning protection, cathodic protection systems, airfield lighting systems, and aircraft arresting systems. Related DoD Occupational Subgroup: 172100.

2. **Duties and Responsibilities:**
2.1. Plans and organizes installation, maintenance, and repair for all electrical activities. Programs and coordinates electrical power outages, maintenance, and repair requirements with users. Investigates proposed work sites to determine resource requirements. Prepares cost estimates for in-service work requirements. Applies engineered performance standards in planning and estimating jobs. Coordinates measured and direct schedule work order requirements during approval, processing, and completion stages. Recommends method of accomplishment based on existing capabilities. Develops, monitors, and maintains work order priority program. Monitors work costs to ensure compliance with legal limits or support agreements and recapitalization process. Coordinates Work Order Review Board processes and provides agenda as required.
2.2. Manages functions in electrical systems and power production activities. Directs installation and removal, operation, maintenance, and repair of electrical power distribution systems and electrical power generating and control systems activities, including overhead and underground distribution systems, power plant operations, fire alarms, lightning protection, cathodic protection systems, airfield lighting systems, and aircraft arresting systems. Identifies and controls requisitions. Ensures productivity and work compliance. Interprets electrical generating unit records and analyzes for organizational, intermediate, or depot level maintenance and preparation of maintenance forms, reports, and records. Issues and logs safe clearance procedures for all crafts engaged in maintenance of electrical systems and power production equipment. Ensures compliance with environmental and safety regulation and practices to include confined space programs.
2.3. Performs planning activities and conducts facility surveys. Surveys proposed work to determine resource requirements. Obtains certifications, special tools, and equipment for assigned personnel. Ensures compliance with all safety and environmental regulations.
2.4. Coordinates, monitors, and executes contingency and Prime BEEF training requirements and associated deployment preparation programs and duties. Ensures personnel are in a constant ready state to meet deployment commitments.
2.5. Coordinates, monitors, and executes contract quality assurance functions as required.

3. **Specialty Qualifications:**
3.1. Knowledge. Principles of electricity and electronics, electrical circuitry and distribution systems above and below 600 volts, internal combustion engines and other prime movers for electrical generating systems and mechanically driven devices, fire alarms, lightning protection systems, cathodic protection systems, airfield lighting systems, aircraft arresting systems, wiring diagrams, and schematics, technical publications and Air Force directives, unified facilities criteria, and environmental and safety regulations and practices.
3.2. Education. Not used.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 3E090. For AD Completion of the Troop Construction Project Management Course (AFIT WGMT 437) Note: Highly Recommended for ANG and AFRES.
3.3.2. 3E000. AD, ANG and AFRES Completion of Civil Engineer Superintendent Course (AFIT WMGT 570).
3.4. Experience. For award of AFSC 3E090, qualification in and possession of AFSC 3E071 or 3E072 is mandatory. Management of Civil Engineer functions such as inspecting, operating, maintaining, and repairing interior and exterior electrical systems, electrical power generating equipment and systems, fire alarms, lightning protection, cathodic protection systems, airfield lighting systems, or aircraft arresting systems.
3.5. Other. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 3E071, Craftsman
AFSC 3E051, Journeyman
AFSC 3E031, Apprentice
AFSC 3E011, Helper

ELECTRICAL SYSTEMS
(Changed 30 Apr 25)

1. **Specialty Summary.** Installs, inspects, maintains, troubleshoots, repairs, and modifies electrical distribution systems and components above and below 600 volts; airfield lighting systems; and fire alarms, and complies with environmental and safety regulations and practices. Related DoD Occupational Subgroup: 172100.

2. **Duties and Responsibilities:**
2.1. Installs, maintains, and repairs energized and de-energized electrical distribution systems and components. Installs, maintains, and repairs interior, exterior, overhead, underground electrical power distribution systems and components such as capacitor banks, vacuum and air break switches, breakers, transformers, fuses, lighting fixtures, receptacles, and motors. Climbs utility poles and operates special purpose vehicles and equipment, including line maintenance and high reach trucks to inspect, maintain, and repair overhead distribution systems. Inspects powerline poles for pest damage, deterioration, and loose hardware. Inspects, tests, and services overhead line conductors and direct buried cables, and those in underground ducts and conduits. Troubleshoots malfunctions using technical orders, manufacturers' handbooks, local procedures, codes, and directives. Tests air samples in manholes for dangerous concentrations of combustible or toxic gases and oxygen deficiency.
2.2. Maintains, inspects, and repairs special purpose electrical systems. Inspects, maintains, and repairs fixed and portable airfield lighting systems including runway, threshold, approach, taxiway, visual glide slope, obstruction, and distance marker lights. Installs, maintains, and repairs cathodic protection and grounding systems, and voltage and current regulators. Installs, maintains, and repairs fire alarms and traffic system controls. Installs, maintains, and repairs electrical appliances.
2.3. Maintains proficiency in cardiopulmonary resuscitation, first aid, pole top, aerial lift, and manhole rescue. Complies with safety and environmental regulations and practices.
2.4. Advises on problems installing and repairing electrical power distribution and special purpose electrical systems. Solves maintenance problems by studying layout drawings, wiring and schematic diagrams, and analyzing construction and operating characteristics. Uses meters, testing devices, indicators, and recorders to locate equipment, distribution, and motor controller malfunctions and faults. Diagnoses malfunctions and recommends repair procedures necessary to correct defective equipment. Develops and establishes maintenance and operating procedures to ensure maximum efficiency.
2.5. Performs planning activities. Performs facility surveys. Surveys proposed work to determine resource requirements. Prepares cost estimates for in-service work. Applies engineered performance standards to plan and estimate jobs. Coordinates plans and other activities.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: principles of electricity and electronics, including computation and measurement of common properties (resistance, inductance, capacitance, voltage, and current); transformers and regulator operations and connection; grounding and lightning protection systems; working on high and low voltage energized lines; applications of safety requirements related to installation and maintenance of electrical distribution systems; principles of fire; cathodic protection systems; airfield lighting systems; reading electrical schematics and one-line diagrams; rescue and resuscitation of electrical shock victims; and environmental regulations.
3.2. Education. For entry into this specialty, completion of high school with courses in science, mathematics, and shop mechanics is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 3E031. Completion of Electrical Systems Apprentice Course J3ABR3E031 01AC
3.3.2. 3E071. Completion of Advanced Control Systems Cybersecurity Course (AFIT WENG 270) Note: Highly recommended for ANG and AFRES.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 3E051. Qualification in and possession of AFSC 3E031. Also, experience in functions such as climbing poles; installing, maintaining, and repairing electrical systems and components; and airfield lighting systems and components.
3.4.2. 3E071. Qualification in and possession of AFSC 3E051. Also, experience performing or supervising functions such as climbing poles; installing, maintaining, and repairing electrical systems; and airfield lighting systems and components.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.
3.5.1.2. Freedom from fear of heights.
3.5.1.3. See attachment 4 for additional entry requirements.
3.5.2. For entry, award, and retention, normal color vision as defined in AFI 48-123, *Medical Examinations and Standards.*
3.5.3. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 3E072, Craftsman
AFSC 3E052, Journeyman
AFSC 3E032, Apprentice
AFSC 3E012, Helper

ELECTRICAL POWER PRODUCTION
(Changed 30 Apr 25)

1. **Specialty Summary.** Installs, removes, operates, maintains, and repairs electrical power generating and control systems, aircraft arresting systems, and associated equipment. Related DoD Occupational Subgroup: 166200.

2. **Duties and Responsibilities:**
2.1. Installs, removes, and operates electrical power generating and control systems, automatic transfer switches, aircraft arresting systems, and associated equipment. Checks equipment for serviceability. Positions equipment such as gasoline and diesel engines, generators, switchgears, air compressors, and other power generating auxiliary equipment. Installs, positions, rewinds, and pretensions aircraft arresting systems. Certifies aircraft arresting systems as required. Checks installed equipment to ensure compliance with publications, policies, and directives. Inspects, tests, and services component systems such as safety, fuel, lubrication, cooling, air pressure, pumps, regulators, governors, and accessory equipment. Observes and interprets instruments such as ammeters, voltmeters, frequency meters, synchro scopes, automatic temperature and pressure recorders, and engine oil, fuel, and coolant gauges. Adjusts engine generator systems to maintain proper voltage, current frequency, and synchronization. Synchronizes multigenerators. Operates high and low voltage switches, circuit breakers, rheostats, and other controls on switchgear and distribution panels. Performs electrical power control and distribution functions.
2.2. Maintains, modifies, and repairs electrical power generating and control systems, automatic transfer switches, aircraft arresting systems, and associated equipment. Performs inspections and interprets findings to determine corrective action. Identifies and records engine and generator malfunctions. Uses precision test equipment, troubleshoots malfunctions, and inspects parts for excessive wear and other conditions. Removes, repairs, and replaces defective power generating equipment components. Performs corrosion control. Inspects and replaces gauges and meters. Maintains aircraft arresting systems, including electrical, hydraulic, rewind, and pneumatic systems, and other electronic components. Bench checks components and subassemblies. Tests and calibrates repaired items. Reviews performance data and maintenance records to determine adequacy of maintenance. Interprets data related to electrical power generating and aircraft arresting systems to ensure overall mission success.
2.3. Reviews and advises on projects associated with electrical power generating and control systems, automatic transfer switches, aircraft arresting systems, and associated equipment. Reviews layout drawings and wiring diagrams. Ensures new construction meets proper operating characteristics of equipment. Establishes maintenance and operating procedures to ensure maximum efficiency.
2.4. Maintains records. Posts entries on operation, inspection, and maintenance records. Records meter readings, wear and alignment measurements, fuel consumption, and other data in performance logs. Furnishes information for reports and recommends changes to correct defective equipment or improve operating procedures. Complies with environmental policies.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: principles of electronics and electricity, including generation, conversion, transformation, distribution, and utilization; types, capacity, and purpose of high and low voltage circuits, circuit breakers, switches, fuses, regulators, relays, instruments, and meters associated with electric generation and distribution; interpreting instrument and meter readings; wiring diagrams, schematics, drawings, and technical publications; techniques of operating and maintaining internal combustion engines, generators, generating plants, distribution panels, and accessory equipment; repair and maintenance of aircraft arresting systems; use and purpose of test equipment; safety rules and practices; environmental policies; principles of management; and operation and repair of electrical power production systems.
3.2. Education. For entry into this specialty, completion of high school with courses in algebra and physics is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 3E032, Completion of Electrical Power Production Apprentice J3ABR3E032 00AD
3.3.2. 3E072. Completion of Advanced Control Systems Cybersecurity Course (AFIT WENG 270) Note: Highly recommended for ANG and AFRES.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 3E052. Qualification in and possession of AFSC 3E032. Also, experience in functions such as operation and maintenance of engines, generators, and distribution components of electric power production equipment and aircraft arresting systems.
3.4.2. 3E072. Qualification in and possession of AFSC 3E052. Also, experience performing or supervising function such as operation and repair of electrical power production and aircraft arresting systems.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For entry, award, and retention, normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.

3.5.3. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 3E171, Craftsman
AFSC 3E151, Journeyman
AFSC 3E131, Apprentice
AFSC 3E111, Helper

HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION
(Changed 30 Apr 25)

1. **Specialty Summary.** Installs, operates, maintains, and repairs heating, ventilation, air conditioning and refrigeration (HVAC/R) systems, combustion equipment, and industrial air compressors. Manages HVAC/R functions and activities. Related DoD Occupational Subgroup: 172000.

2. **Duties and Responsibilities:**
2.1. Installs and operates HVAC/R systems and equipment. Interprets drawings and schematics and installs HVAC/R components. Installs, repairs, fabricates, and tests piping and tubing systems. Installs, connects, troubleshoots, and maintains HVAC/R controls. Tests HVAC/R equipment for proper operation. Balances air and water in HVAC systems. Monitors systems operation to ensure efficiency and compliance technical orders, manufacturer handbooks, local procedures, codes, and directives. Evaluates water treatment for heating and cooling systems. Ensures compliance with safety and environmental regulations for fuels, refrigerants, and hazardous materials.
2.2. Maintains, and repairs HVAC/R equipment and systems. Performs recurring maintenance and seasonal overhaul on systems and components. Uses drawings and schematics to analyze and isolate system malfunctions. Troubleshoots malfunctions. Repairs or replaces components. Modifies equipment for specific missions or to increase efficiency.
2.3. Maintains tools and equipment. Maintains shop tools and equipment.
2.4. Advises on problems installing and repairing HVAC/R equipment and systems. Solves maintenance problems by studying layout drawings, wiring and schematic drawings, and analyzing construction and operating characteristics. Develops and establishes operation and maintenance procedures to ensure maximum efficiency.
2.5. Performs planning activities. Performs facility surveys. Surveys proposed work to determine resource requirements. Prepares cost estimates for in-service work. Applies engineered performance standards to plan and estimate jobs. Coordinates plans and other activities.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: principles of HVAC/R systems, controls, and components; combustion systems; air and water balancing; non-electric kitchen equipment; industrial air compressors; interpreting drawings and schematics; fundamentals of HVAC/R equipment and troubleshooting techniques; industrial water treatment; environmental regulations for fuels, refrigerants, and hazardous materials; and military and commercial publications and environmental regulations.
3.2. Education. For entry into this specialty, completion of high school with courses in mathematics, general science, physics, shop mechanics, electricity, and computer fundamentals is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 3E131. completion of Heating, Ventilation, Air Conditioning/Refrigeration (HVAC/R) Apprentice Course J8AQR3E131 00AA and J3ABR3E131 00AC.
3.3.2. 3E171. Completion of Advanced Control Systems Cybersecurity Course (AFIT WENG 270) Note: Highly recommended for ANG and AFRES.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 3E151. Qualification in and possession of AFSC 3E131. Also, experience in functions such as operation, maintenance, and repair of HVAC/R equipment and control systems.
3.4.2. 3E171. Qualification in and possession of AFSC 3E151. Also, experience performing or supervising functions such as operation, maintenance, and repair of HVAC/R equipment and control systems.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty, the following are mandatory:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For entry, award, and retention of these AFSCs, must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Ground Transportation*.
3.5.3. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

CEM Code 3E000
AFSC 3E290, Superintendent

HEAVY REPAIR
(Changed 30 Apr 25)

1. **Specialty Summary.** Manages and directs daily activities devoted to construction and maintenance of concrete and asphalt runways, structural systems and wooden, masonry, metal, concrete buildings, aircraft parking aprons, and roads. Supervises operation and maintenance of heavy construction equipment and all aspects of horizontal and vertical construction. Related DoD Occupational Subgroup: 171000.

2. **Duties and Responsibilities:**
2.1. Supervises and plans construction and repair of airfield pavements, building and structural repairs, roads, streets, curbs, footings, floors, slabs, foundations, walls, roofs, steps, doors, and windows for prefabricated and permanent structures, surface mats, membranes, improved and unimproved land areas using appropriate structural, paving, and surfacing procedures and equipment to include both in-garrison and specialized training requirements. Interprets construction drawings and surveys using information such as sub-grade contours and grade alignment. Inspects pavements for surface, base, and sub-base damage, or defects. Identifies damaged or defective areas needing joint removal and replacement, crack sealant, surface overlays, and seal coats. Investigates proposed work sites to determine resource requirements. Prepares cost estimates for in-service work requirements. Applies engineered performance standards in planning and estimating jobs. Coordinates measured and direct schedule work order requirements during approval, processing, and completion stages. Recommends method of accomplishment based on existing capabilities. Develops, monitors, and maintains work order priority program. Monitors work costs to ensure compliance with legal limits or support agreements and recapitalization process. Coordinates Work Order Review Board processes and provides agenda as required.
2.2. Determines type and application of equipment to use in various construction, maintenance, and repair operations. Manages construction equipment operation to complete a finish grade, level, slope, and compaction of construction materials. Supervises snow and ice removal operations to include chemical application and other ice control products. Prepares and interprets working drawings and schematics for maintaining, altering, and repairing buildings and structures.
2.3. Inspects and manages operator maintenance on horizontal construction and snow removal equipment. Schedules and coordinates equipment repair and servicing with the vehicle maintenance activity and other servicing facilities.
2.4. Performs planning activities and conducts facility surveys. Surveys proposed work to determine resource requirements. Obtains certifications, special tools, and equipment for assigned personnel. Ensures compliance with all safety and environmental regulations to include confined space programs.
2.5. Manages and coordinates demolition projects, placement, and detonation of explosives to include quarry demolition, clearing, and base denial operations as required. Supervises construction materials selection, water well drilling, rock crushing, and fixed and mobile concrete and asphalt batch plants operations.
2.6. Coordinates, monitors, and executes contingency and Prime BEEF training requirements and associated deployment preparation programs and duties. Ensures personnel are in a constant ready state to meet deployment commitments.
2.7. Coordinates, monitors, and executes contract quality assurance functions as required.

3. **Specialty Qualifications:**
3.1. Knowledge. Characteristics, capabilities, operation, and maintenance of equipment used in construction and paving, soil types, properties, limitations, compaction methods, soil stabilization, drainage, erosion control, construction and maintenance of asphalt and concrete surfaces, roadbeds, structure erection, landscaping, safety and environmental concerns, and pavement and building maintenance plans.
3.2. Education. Not Used
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 3E290. For AD Completion of the Troop Construction Project Management Course (AFIT WGMT 437) Note: Highly recommended for ANG and AFRES.
3.3.2. 3E000. AD, ANG and AFRES Completion of Civil Engineer Superintendent Course (AFIT WMGT 570).
Experience. For award of AFSC 3E290, qualification in and possession of AFSC 3E271 or 3E371 is mandatory. Experience in directing and managing functions such as snow and ice removal, erecting structures, building maintenance, construction equipment operations and pavements for execution of horizontal and vertical construction programs.
3.4. Other. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 3E271, Craftsman
AFSC 3E251, Journeyman
AFSC 3E231, Apprentice
AFSC 3E211, Helper

PAVEMENTS AND CONSTRUCTION EQUIPMENT

(Changed 30 Apr 13, Effective 23 Oct 12)

1. **Specialty Summary:** Constructs and maintains concrete and asphalt runways, aircraft parking aprons, and roads. Operates and maintains heavy construction equipment, such as loaders, graders, dozers, backhoes, and dump trucks. Operates tractor-trailer combinations, transporting construction equipment, and materials. Ensures compliance with all safety and environmental regulations. Related DoD Occupational Subgroup: 171000.

2. **Duties and Responsibilities:**
2.1. Plans, constructs, and repairs airfield pavements, roads, streets, curbs, surface mats, membranes, and other improved areas using paving and surfacing procedures. Takes soil, aggregate, asphalt, and concrete samples for laboratory tests. Interprets construction drawings and surveys using information such as subgrade contours and grade alignment. Inspects pavements for surface, base, and sub- base damage, or defects. Repairs damaged or defective areas by removing and replacing joint and crack sealant, surface overlays, and seal coats. Determines material and equipment requirements and prepares cost estimates for construction activities. Provides erosion control.
2.2. Determines type and application of equipment to use in various construction, maintenance, and repair operations. Operates construction equipment to finish grade, level, slope, and compact construction materials. Operates snow and ice removal equipment. Applies chemicals and other ice control products.
2.3. Inspects, lubricates, and performs operator maintenance on construction and snow removal equipment. Adjusts and changes attachments on equipment. Connects and repairs wire rope rigging to cable-operated equipment. Schedules and coordinates equipment repair and servicing with the vehicle maintenance activity and other servicing facilities.
2.4. Investigates proposed work sites to determine resource requirements. Applies engineered performance standards to plan and estimate jobs. Coordinates and plans work requirements with other civil engineering and base agencies. Inspects work to ensure quality and compliance with policies, regulations, and other publications.
2.5. Designs demolition projects, places, and detonates explosives. Performs quarry demolition, clearing and base denial operations as required. Operates water well drilling, rock crushing equipment, and fixed and mobile concrete and asphalt batch plants.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of characteristics, capabilities, operation, and maintenance of equipment used in construction and paving; soil types, properties, limitations, and compaction methods; soil stabilization, drainage, and erosion control; construction and maintenance of asphalt and concrete surfaces; roadbeds; structure erection; landscaping; safety and environmental concerns; and pavement maintenance plans.
3.2. Education. For entry into this specialty, completion of high school with courses in general science, shop mechanics, and use of drawings is desirable.
3.3. Training. For award of AFSC 3E231, completion of a basic pavements and equipment operator course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 3E251. Qualification in and possession of AFSC 3E231. Also, experience in functions such as operating tools and equipment to prepare areas for construction and to maintain roads, runways, and grounds; and mixing and placing concrete and bituminous materials.
3.4.2. 3E271. Qualification in and possession of AFSC 3E251. Also, experience performing or supervising functions such as construction equipment operation; special techniques in using construction equipment to prepare areas for constructing and maintaining roads, grounds, and airfield surfaces; or concrete work, soil stabilization, and rigid and flexible pavement construction and maintenance.
3.5. Other. The following are mandatory as indicated:
3.5.1.1. For entry into this specialty:
3.5.1.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.1.2. See attachment 4 for additional entry requirements.
3.5.2. For entry, award, and retention of these AFSCs, must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, Ground Transportation.
3.5.3. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 3E371, Craftsman
AFSC 3E351, Journeyman
AFSC 3E331, Apprentice
AFSC 3E311, Helper

STRUCTURAL
(Changed 30 Apr 13, Effective 23 Oct 12)

1. **Specialty Summary.** Manages, constructs, repairs, and modifies structural systems and wooden, masonry, metal, and concrete buildings. Fabricates and repairs components of buildings, utility systems, and real property equipment. Ensures compliance with environmental regulations. Related DOD Occupational Subgroup: 171000.

2. **Duties and Responsibilities:**
2.1. Prepares and interprets working drawings and schematics for maintaining, altering, and repairing buildings and structures. Surveys proposed work sites to determine material and labor requirements. Prepares cost estimates. Reviews structural work progress and coordinates changes in schedules. Constructs and repairs footings, floors, slabs, foundations, walls, roofs, steps, doors, and windows for prefabricated and permanent structures. Constructs and modifies buildings. Prepares, applies, and finishes mortar, concrete, plaster, and stucco. Fabricates repairs and installs metal parts and assemblies for utility systems and buildings.
2.2. Erects steel and lays out trusses and structures to specific dimensions. Welds, cuts, brazes, and solders ferrous and nonferrous metals using various welding processes. Welds butt, lap, tee, and edge joints in all working positions. Inspects, maintains, repairs, and installs overhead and rollup doors, and mechanical gates. Installs forms and reinforcing material. Applies protective coatings such as primers, stains, and sealants.
2.3. Troubleshoots, repairs, and installs commercially manufactured locking devices such as keyed, combination, cipher, panic hardware/exit device, and pad locks.
2.4. Erects scaffolding and works from ladders and mobile platforms.
2.5. Identifies and selects construction materials considering strength, moisture content, grade, mix, application procedures, and curing.
2.6. Manages, inspects, and evaluates work center activities. Ensures compliance with commercial and military publications. Submits and reviews supply and equipment requisitions. Discusses inspection findings and recommends corrective action.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: building maintenance, repair, and construction, including roofing; nomenclature of woodworking materials and methods of material storage; theory of squaring by equivalent measurements; application of shop mathematics; theory of wood treatment; type and specification requirements of masonry products: masonry batching formulas; methods of curing masonry products; types of coating preservatives and applications; compatible products to be combined in composite systems; methods of preparing various surfaces for finishing; locking devices; composition, characteristics, and identification of common commercial grade metals; construction grade metal requirements; types and uses of metal hardware; methods of forming and cutting metals; metal layout fabrication and repair; welding processes; shop drawings; metal measurement and layout devices; cutting equipment; gas and arc welding equipment; safety procedures and practices; and environmental concerns and safety precautions required in using, storing, and disposing of hazardous materials.
3.2. Education. For entry into this specialty, completion of high school with courses in mathematics mechanical drawing, and use of metal, masonry and woodworking tools is desirable.
3.3. Training. For award of AFSC 3E331, completion of a basic structural course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 3E351. Qualification in and possession of AFSC 3E331. Also, experience in functions such as constructing and repairing buildings and heavy structures; erecting prefabricated structures; laying masonry units; mixing, applying, and finishing masonry products; erecting steel; use of protective equipment; and fabricating, installing, and repairing metal components using gas or arc welding equipment.
3.4.2. 3E371. Qualification in and possession of AFSC 3E351. Also, experience performing or supervising functions such as laying masonry units; carpentry; constructing, erecting, maintenance, and repair of buildings and heavy structures; and planning, installing, repairing, welding, or forging metal components.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.
3.5.1.3. Freedom from fear of heights.
3.5.1.4. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

CEM Code 3E000
AFSC 3E490, Superintendent

INFRASTRUCTURE SYSTEMS
(Changed 30 Apr 25)

1. **Specialty Summary.** Manages and directs facility and infrastructure systems, daily activities devoted to water, wastewater, fuel, heating, cooling, ventilation, combustion equipment, industrial air compressors, natural gas, refrigeration, liquid fuels distribution, interior plumbing, fire suppression, sprinkler, irrigation systems, pest management, chemical application processes, and associated operations and non-electric kitchen equipment such as grease traps and other miscellaneous collection systems. Related DoD Occupational Subgroup: 172000.

2. **Duties and Responsibilities:**
2.1. Plans and organizes installation, maintenance, and repair of all career field systems and components to include both in-garrison and specialized training requirements. Investigates proposed work sites to determine resource requirements. Prepares cost estimates for in-service work requirements. Applies engineered performance standards in planning and estimating jobs. Coordinates measured and direct schedule work order requirements during approval, processing, and completion stages. Recommends method of accomplishment based on existing capabilities. Develops, monitors, and maintains work order priority program. Monitors work costs to ensure compliance with legal limits or support agreements and recapitalization process. Coordinates Work Order Review Board processes and provides agenda as required.
2.2. Directs all daily activities and supervisory functions in utilities, liquid fuels maintenance, pest management, and heating, ventilation, air- conditioning, and refrigeration (HVAC/R) elements. Directs installation, maintenance, and repair activities to include distribution, collection, plumbing, natural gas, liquid fuel, heating and cooling, and pest management activities and applications. Identifies and controls supply requisitioning of infrastructure systems, parts, fuels systems components, lubricants, refrigerants, bench stock, and technical publications. Analyzes productivity and work quality. Ensures compliance with environmental and safety regulations and practices.
2.3. Advises on problems installing and repairing utilities and HVAC/R equipment and systems. Solves maintenance problems by studying layout drawings, wiring and schematic drawings, and analyzing construction and operating characteristics. Develops and establishes operation and maintenance procedures to ensure maximum efficiency.
2.4. Performs planning activities and conducts facility surveys. Surveys proposed work to determine resource requirements. Obtains certifications, special tools, and equipment for assigned personnel. Ensures compliance with all safety and environmental regulations to include confined space programs.
2.5. Coordinates, monitors, and executes contingency and Prime BEEF training requirements and associated deployment preparation programs and duties. Ensures personnel are in a constant ready state to meet deployment commitments.
2.6. Coordinates, monitors, and executes contract quality assurance functions as required.

3. **Specialty Qualifications:**
3.1. Knowledge: Highly skilled and educated in principles of water distribution and wastewater collection systems, water, and wastewater treatment systems, plumbing systems, natural gas distribution systems, liquid fuels distribution systems, and pest management activities, controls, and components, combustion systems, air and water balancing, non-electric kitchen equipment, industrial air compressors, and backflow prevention devices. Interprets drawings and schematics, industrial wastewater treatment, and usage of maintenance materials such as pipes, valves, fittings, packing and gaskets, electrical and electronic controls that apply to these systems, wiring schematics and diagrams, military, commercial, and technical publications, environmental regulations for fuels, pesticides, environmental regulations for fuels, refrigerants, and military and commercial publications and hazardous materials.
3.2. Education. Not Used
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 3E490. For AD Completion of the Troop Construction Project Management Course (AFIT WGMT 437) Note: Highly recommended for ANG and AFRES.
3.3.2. 3E000. AD, ANG and AFRES Completion of Civil Engineer Superintendent Course (AFIT WMGT 570)
Experience. For award of AFSC 3E490, qualification in and possession of AFSC 3E171 or 3E471/73 is mandatory. Also, experience managing functions such as operations, facilities system maintenance, and repair of distribution, and collection systems, natural gas distribution systems, cooling towers, chillers, boilers, liquid fuels distribution systems, pest management activities, and HVAC/R systems.
3.4. Other. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 3E471 or 3E471A, Craftsman
AFSC 3E451 or 3E451A, Journeyman
AFSC 3E431, Apprentice
AFSC 3E411, Helper

WATER AND FUEL SYSTEMS MAINTENANCE
(Changed 30 Apr 25)

1. **Specialty Summary.** Installs, inspects, maintains, troubleshoots, modifies, repairs, and manages plumbing, water distribution, wastewater collection systems, water and wastewater treatment systems, fire suppression, backflow prevention systems, natural gas distribution systems; (**3E4X1A Fuel Systems Maintenance**) liquid fuel storage, distribution, and dispensing systems. Complies with environmental and safety regulations. Related DoD Occupational Subgroups: 172000.

2. **Duties and Responsibilities:**
2.1. Installs, and operates natural gas, plumbing, water and wastewater treatment systems, fire suppression, backflow prevention systems, aircraft hydrant refueling, bulk storage, and ground product dispensing systems. Monitors systems operation to ensure efficiency and compliance with local state, federal and DoD regulations for safety and environmental regulations for hazardous materials. Installs and operates field potable water treatment equipment.
2.2. Maintains, inspects, and repairs natural gas, swimming pools, plumbing, water and wastewater treatment systems, fire suppression, and backflow prevention assembly and program. Performs inspection, recurring maintenance, winterize, and overhaul systems. Operationally inspects and diagnoses malfunctions in mechanical and electrical system controls and components using technical orders, manufactures' handbooks, local procedures, code, and directives. Inspects condition and operation of electrical components such as motors, disconnect switches, contacts, solenoids, relays, alarms, cathodic protection systems and programmable logic controls. Conducts fuel system components and performs pressure testing and maintenance on fuel system piping. Performs confined space entries to accomplish system maintenance. Solves complex maintenance problems by studying layout drawings, wiring diagrams, and schematics to analyze, isolate and troubleshoot system malfunctions**.** Removes, repairs, and replaces defective components. Installs, modifies, repairs, and maintains a variety of new and existing utility, supply, and disposal systems and equipment such as sewage, water, oil, and gas distribution systems, and water closets, tubs, backflow prevention devices/assemblies, fire sprinkler systems, and showers. Locates and taps main lines, sets up system routes, places and cuts route openings, places hangers for proper level and slope, and determines and installs valves, traps, and unions as needed for proper operation of a variety of systems and equipment. Develops and establishes operation and maintenance procedures to ensure maximum efficiency.
2.3. Locates and determines quality and quantity of water sources. Coordinates locations of field latrines and pits with engineering and medical staff. Analyzes water for chemical and physical characteristics to determine water purification treatment methods. Installs and operates field potable water treatment equipment. Assists with installation, maintenance, and repair of Fuels Mobility Support Equipment (FMSE), Fuels Operational Readiness Capability Equipment (FORCE), and other contingency fueling assets.
2.4. Performs planning activities, quality assurance to include service contracts, and facility surveys. Surveys proposed work to determine resource requirements. Initiates fuel facility Sustainment, Restoration, and Modernization and Military Construction Projects to include project review, monitoring, and acceptance through Defense Energy Support Center (DESC). Prepares cost estimates and supply procurement for in-service work. Applies engineered performance standards to plan and estimate jobs. Ensures all planning activities comply with environmental and safety regulations to include hazardous materials.
2.5. **3E4X1A Fuel Systems Maintenance**, Installs, maintains, and repairs aircraft hydrant refueling, bulk storage, and ground product dispensing systems. Operationally inspects fuel system components such as pumps, automatic/manual valves, electrical motors, switches, filtration equipment, and like items for proper operation. Performs pressure testing and maintenance on fuel system piping. Troubleshoots system malfunctions and performs appropriate repairs. Performs internal and external maintenance on above and below ground fuel tanks, to include, cleaning of tank interior. Performs confined space entries to accomplish system maintenance. Uses drawings and schematics to analyze and isolate malfunctions. Initiates Fuel Facility Sustainment, Restoration, and Modernization and Military Construction Projects to include project review, monitoring, and acceptance through DESC. Assists with installation, maintenance, and repair of Fuels Mobility Support Equipment (FMSE), Fuels Operational Readiness Capability Equipment (FORCE), and other contingency fueling assets.

3. **Specialty Qualifications:**
3.1. Knowledge: Must have mandatory knowledge of contingency/peacetime operations in hydraulic, electrical, mechanical theories, and principles that apply to all utility and liquid fuel systems. Has knowledge in, characteristics, physiological effects, and hazards of liquid fuel products. To include types, sizes, and uses of plumbing materials and components; mathematics; reading and interpreting drawings and specifications, military and commercial publications, and environmental regulations; maintenance of water distribution, wastewater collection, and natural gas distribution systems and corrosion prevention. Additionally, has knowledge of Prime BEEF program and its role in supporting worldwide contingency operations.
3.2. Education. For entry into this specialty, completion of high school with courses in mathematics, chemistry, biology, physics, earth sciences, drawing and specification use, and shop mechanics is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 3E431. Completion of Water and Fuels Systems Maintenance Apprentice course J8AQR3E431 01AB & J8AQR3E431 02ABJ3ABR3E431 03AC.

3.3.2. 3E451A Completion of Fuel Systems Maintenance Technician Courses J6ANW3E451 04AA and J3AZR3E451 04AC
3.3.3. 3E471 and 3E471A. Completion of Advanced Control Systems Cybersecurity Course (AFIT WENG 270) Note: Highly recommended for ANG and AFRES
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 3E451. Qualification in and possession of AFSC 3E431, completion of Core Tasks and Career Development Courses is mandatory. Also, experience in functions such as installation, operation, maintenance, and repair of liquid fuel systems, natural gas distribution systems, plumbing, water distribution and wastewater collection systems.
3.4.2. 3E471. Qualification in and possession of AFSC 3E451, completion of core tasks, and 7 level web- b a s e d course. Also, experience performing or supervision functions such as operation, maintenance, and repair of liquid fuel systems, natural gas distribution systems, plumbing, water distribution and wastewater collection systems.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.
3.5.1.2. Freedom from fear of confined spaces (Claustrophobia).
3.5.1.3. Freedom from fear of heights (Acrophobia).
3.5.1.4. See Attachment 4 for additional entry requirements.
3.5.2. For entry, award, and retention, normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.3. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

4. **Specialty Shredouts**:

Suffix	***Portion of AFS to Which Related***
A	Fuel Systems Maintenance

AFSC 3E473, Craftsman
AFSC 3E453, Journeyman
AFSC 3E433, Apprentice
AFSC 3E413, Helper

PEST MANAGEMENT
(Changed 30 Apr 16, Effective 16 Sep 15)

1. **Specialty Summary.** Manages, evaluates, and executes pest management techniques and associated pest management environmental compliance. Related DoD Occupational Subgroup: 172000.

2. **Duties and Responsibilities:**
2.1. Performs integrated pest management functions. Conducts pest management surveys. Determines pest management actions needed to control and prevent infestations of plant and animal pests. Interacts and coordinates with medical activities to control health hazards. Selects chemicals and operates pesticide dispersal equipment. Provides maximum benefits consistent with environmental protection parameters. Ensures compliance with applicable laws and directives.
2.2. Maintains tools, equipment, facilities, and storage areas. Ensures correct use and maintenance of personal protective equipment and tools.
2.3. Plans and coordinates activities. Evaluates proposed work, determines resource requirements, and prepares cost estimates. Identifies, budgets for, and acquires specialized equipment. Inspects facilities and provides assistance to building managers on pest preventative and control practices. Maintains historical databases and tracking systems.
2.4. Performs quality assurance and evaluation of contracted pest management functions.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: biological principles relating to plant and animal classification and control.
3.2. Education. For entry into this specialty, completion of high school with courses in biology and mathematics is mandatory; chemistry and earth science courses are desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 3E433. Completion of the basic pest management apprentice course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 3E453. Qualification in and possession of AFSC 3E433. Also, experience in functions such as pest surveys, pesticide application, operation and maintenance of pesticide equipment, and pesticide storage
3.4.2. 3E473. Qualification in and possession of AFSC 3E453. Also, experience performing or supervising functions such as planning, coordinating integrated pest management activities, and pesticide storage.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into the specialty, the following are mandatory:
3.5.1.1. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For entry, award, and retention of these AFSCs:
3.5.2.1. No record of entomophobia (fear of insects, spiders, etc.), ophiciophobia (fear of snakes), zoophobia (fear of animals) and claustrophobia (fear of confined spaces), or hypersensitivity to chemicals or arthropod (insect, spider, scorpion, etc.) and snake venoms.
3.5.2.2. Freedom from fear of heights (acrophobia).
3.5.2.3. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.3. For retention of AFSCs 3E453 and 3E473, certification and recertification according to DoD's EPA approved certification program.
3.5.4. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

CEM Code 3E000, Manager
AFSC 3E591, Superintendent
AFSC 3E571, Craftsman
AFSC 3E551, Journeyman
AFSC 3E531, Apprentice
AFSC 3E511, Helper

ENGINEERING
(Changed 30 Apr 25)

1. **Specialty Summary.** Directs and performs civil engineering design, drafting, surveying, and contract surveillance to support Air Force facility construction and maintenance programs. Prepares Computer Aided Design (CAD) drawings, Building Information Modeling (BIM) solutions, construction contract specifications, and cost estimates. Operates, and maintains Geographic Information Systems (GIS). Utilizes surveying technology to include Global Positioning System (GPS). Evaluates potential construction sites and performs field tests on soils, asphalt, and concrete. Related DoD Occupational Subgroup: 141200.

2. **Duties and Responsibilities:**
2.1. Perform drafting duties. Interpret rough engineering sketches to produce working drawings using CAD/BIM techniques. Produce architectural, structural, civil, mechanical, and electrical drawings. Update Base Comprehensive Plans (BCP) and maintain record drawings. Plot and reproduce drawings.
2.2. Perform surveying duties. Conduct reconnaissance, site location, construction, and mapping surveys. Utilize auto-levels, electronic total stations, resource and survey grade GPS equipment and related instruments to complete surveys. Collect, convert, and present field survey data for civil engineering projects.
2.3. Perform GIS duties. Produce installation maps using a GIS interface. Create and maintain spatial, tabular and metadata to national standards. Combine disparate datasets from various organizations, with various projections and precisions. Query and analyze geospatial data for end-user applications.
2.4. Perform contract management duties. Manage and inspect construction and maintenance contracts. Interpret plans, specifications, and other contract documents. Coordinate, evaluate, monitor, and document contract activities and progress. Prepare recommendations for contract modifications. Review material submittals and evaluate procedures for compliance with contract specifications. Conduct pre-final, acceptance, and post acceptance inspections.
2.5. Develop preliminary engineering designs. Prepare cost estimates, performance work statements and specifications for existing and proposed facilities. Perform/understand simple load calculations for horizontal and vertical construction. Act as liaison between design, review, construction and using agencies.
2.6. Perform standardized and expedient tests on soils, asphalt, and concrete. Collect, record, and interpret test data. Prepare reports for engineering evaluation.
2.7. Support contingency operations. Develop plans to bed-down personnel, aircraft, and associated support functions during contingency operations. Evaluate existing airfield pavements, lighting, navigational aids, markings, and arresting systems. Perform recovery operations to include explosive ordinance reconnaissance, airfield damage assessment, minimum operating strip selection, repair calculations, and airfield marking procedures.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge of computer operations; and mathematics, including algebra, geometry, and trigonometry is recommended but NOT required.
3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Courses in algebra, geometry, trigonometry, and computer operations is recommended. Completion of high school courses in drafting and software applications is desirable.
3.2.1. Training. The following training is mandatory for award of the AFSC indicated:
3.2.2. 3E531. Completion of the Engineering Apprentice courses J9AQA3E531 00RF, JCAQP3E531 00AA, and JCABP3E531 00AF.
3.2.3. 3E571. Completion of Engineering Craftsman Course JCACP3E571 01AD
3.2.4. 3E591. For AD Completion of the Troop Construction Project Management Course (AFIT WGMT 437) Note: Highly recommended for ANG and AFRES.
3.2.5. 3E000. AD, ANG and AFRES Completion of Civil Engineer Superintendent Course (AFIT WMGT 570).
3.3. Experience. The following experience is mandatory for award of the AFSC indicated:
3.3.1. 3E551. Qualification in and possession of AFSC 3E531. Also, experience in CAD, GIS, and surveying.
3.3.2. 3E571. Qualification in and possession of AFSC 3E551. Also, experience in supervising CAD, BIM, GIS, surveying, material testing, and contract inspection.
3.3.3. 3E591. Qualification in and possession of AFSC 3E571. Also, experience in directing functions such as CAD, BIM, GIS, surveying, materials testing, drafting, and contract management.
3.4. Other. The following are mandatory as indicated:
3.4.1. For entry into this specialty:
3.4.1.1. See attachment 4 for additional entry requirements.

3.4.2. For entry, award, and retention of these AFSCs, normal color vision as defined in AFI 48-123, *Medical Examinations and Standards.*
3.4.3. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program* Management and AFMAN 17-1301, *Computer Security*.
3.5.4 Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.

CEM Code 3E000
AFSC 3E691, Superintendent
AFSC 3E671, Craftsman
AFSC 3E651, Journeyman
AFSC 3E631, Apprentice
AFSC 3E611, Helper

OPERATIONS MANAGEMENT
(Changed 30 Apr 25)

1. **Specialty Summary.** Responsible for activating and managing Civil Engineer (CE) command and control centers during peacetime, wartime, and contingency operations. Processes and controls work requirements and manages CE Material Acquisitions in contingency, wartime, and peacetime situations for work performed by CE work forces. Maintains accountability of resources, such as equipment, personnel, Class IV materials and facilities. Related DOD Occupational Subgroup: 171000.

2. **Duties and Responsibilities:**
2.1. Establishes and manages the operation of the command and control centers and customer focal point. Implements and manages the customer satisfaction program. Responds to customer inquiries. Prepares and manages work requirements during approval, processing, and completion stages. Recommends method of accomplishment based on existing capabilities. Develops, monitors, and manages work order priority program. Monitors work costs to ensure compliance with legal limits or support agreements. Operates computer and communications equipment to support work force management activities. Manages preparation and maintenance of work force records and reports. Performs quantitative study of management data to assess CE cost and reimbursement, work performance, progress, trends, standards, and policies. Manages and ensures a continuous workflow. Manages priorities and work plans, and monitors work status. Manages recurring work program and provides non-technical automated assistance as needed.
2.2. Ensures identification of environmental concerns. Develops and administers facility manager program. Analyzes work activities to ensure quality and compliance with policies, current directions, and other publications. Evaluates inspection findings and recommends corrective action. Collaborates with engineer and environmental planning functions to prepare and execute CE programs and plans. Ensures coordination and/or collaboration with all appropriate agencies.
2.3. Performs Quality Assessment Evaluation and develops Statement of Work on non-technical contracts, interfaces with host nations on maintenance requirements, purchase agreements, and service contracts. Manages and advises on issues related to the operation career field. Resolves complex issues related to CE cost and reimbursement, work performance, progress trends, standards, and policies.
2.4. Manages Civil Engineer Material Acquisition processes and systems. Performs Civil Engineer Class IV construction material, storage management, receiving, processing, and requisitioning.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of CE policies, operations practices, and procedures for constructing, maintaining, and operating real estate, facilities, systems, and equipment; supply procedures, directives, and policies; information management systems use; and work force management requirements, interpretation, and application of technical guidance, directives, operational plans, and command policies.
3.2. Education. For entry into this specialty, completion of high school with courses in mathematics, and English composition is mandatory. Accounting, typing, and computer operations are desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated
3.3.1. 3E631, Completion of Operations Management Apprentice Course J3ABR3E631 00AG and CE 3-Level Common Core distance learning course.
3.3.2. For award of AFSC 3E671, completion of the CE 7-Level Common Core distance learning course is mandatory.
3.3.3 3E691. For AD Completion of the Troop Construction Project Management Course (AFIT WGMT 437) Note: Highly recommended for ANG and AFRES.
3.3.4 3E000. AD, ANG and AFRES Completion of Civil Engineer Superintendent Course (AFIT WMGT 570).
3.4 Experience. The following experience is mandatory for award of the AFSC indicated.
3.4.1 3E651. Qualification in and possession of AFSC 3E631.
3.4.2 3E671. Qualification in and possession of AFSC 3E651.
3.4.3 3E691. Qualification in and possession of AFSC 3E671.
3.4.4 Other: The following are mandatory as indicated:
3.4.5 For entry into this specialty:
3.4.5.1 Ability to speak clearly, concisely, and distinctly.
3.4.5.2 See attachment 4 for additional entry requirements.
3.4.5.3 Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.
3.4.6 For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

CEM Code 3E700
AFSC 3E791, Superintendent
AFSC 3E771, Craftsman
AFSC 3E751, Journeyman
AFSC 3E731, Apprentice
AFSC 3E711, Helper

★FIRE PROTECTION
(Changed 31 Oct 25)

1. **Specialty Summary.** Protects people, property, and the environment from fires and disasters. Provides fire prevention, firefighting, rescue, and hazardous material responses. Related DoD Occupational Subgroup: 149500.

2. **Duties and Responsibilities:**
2.1. Plans, organizes, and directs all fire protection activities. Analyzes fire protection operations, determines trends and problems, and formulates corrective measures. Provides fire protection guidance. Coordinates fire protection support agreements and pre- incident plans. Executes and enforces the Fire Department Occupational Safety and Health Program. Conducts and evaluates training on specialized fire protection equipment and procedures. Performs inspections and organizational maintenance on fire protection vehicles, equipment, and protective clothing. Manages and operates fire alarm communications centers. Supports the electrical power production function with resetting aircraft arresting systems.
2.2. Provides fire prevention guidance. Performs project reviews to ensure fire safety feature adequacy. Inspects facilities and identifies fire hazards and deficiencies. Determines fire extinguisher distribution requirements and performs inspections and maintenance. Establishes public relations and conducts fire prevention awareness and educational training.
2.3. Controls and extinguishes aircraft, structure, wild land, and miscellaneous fires. Establishes an emergency operations incident command system. Drives and operates fire apparatuses, specialized tools, and equipment. Conducts hose evolutions and pump operations and protects exposures. Preserves and protects emergency scene evidence. Investigates fires to determine origin and cause.
2.4. Effects entry into aircraft, structures, and other enclosures. Shuts down engines, safeties ejection systems, and isolates utilities. Conducts search and rescue operations. Administers emergency first aid.
2.5. Protects people and the environment from hazardous material releases.

3. ★**Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: fire department mission and organization; safety requirements and objectives; fire alarm and communications; fire behavior; portable fire extinguishers; personal protective clothing and equipment; forcible entry, ventilation, ropes, ladders, fire hose appliances, and streams; foam fire streams; fire control, salvage, overhaul, emergency medical care, and cardiopulmonary resuscitation (CPR); rescue; water supplies and sprinklers; hazardous materials; fire prevention and public fire education; and fire cause determination.
3.2. Education. For entry into this specialty, completion of high school with courses in chemistry, general science, and mathematics is desirable.
3.3. ★Training. For award of AFSC 3E731, completion of Fire Protection Apprentice X8ABR3E731 0A1A course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. ★3E751. Qualification in and possession of AFSC 3E731. Also, minimum rank of SrA/E-4, experience operating firefighting tools and equipment, extinguishing fires, rescuing personnel, and performing emergency medical care and CPR.
3.4.2. 3E771. Qualification in and possession of AFSC 3E751. Also, experience performing or supervising fire protection functions.
3.4.3. 3E791. Qualification in and possession of AFSC 3E771. Also, experience managing fire protection functions.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. See attachment 4 for entry requirements.
3.5.2. For entry, award, and retention of this specialty and these AFSCs:
3.5.2.1. No record of pyrophobia, acrophobia, or claustrophobia.
3.5.2.2. Ability to speak distinctly.
3.5.2.3. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.
3.5.2.4. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.2.5. AFSCs 3E711/31/51/71 must meet physical standards according to AFI 48-123 and National Fire Protection Association (NFPA) 1582, *Standard on Comprehensive Occupational Medical Program for Fire Departments.*
3.5.3. For award and retention of these AFSCs:
3.5.3.1. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments.
3.5.3.2. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program* is mandatory.
3.5.3.3. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*

3.5.3.4. Must maintain certification in Cardiopulmonary Resuscitation (CPR) and National Registry Emergency Medical Responder (NREMR) IAW DAFI 32-2001, *Fire and Emergency Services Program (F&ES)*.

3.5.3.5. Must maintain a current and passing respirator fit test. At all times will maintain no hair growth between the skin and the facepiece sealing surface, such as stubble beard growth, beard, mustache, or sideburns which cross the respirator sealing surface IAW with OSHA - [29 CFR 1910.134(g)(1)(i)(A)], Appendix A to § 1910.134, DAF 52-201. No shaving waivers are authorized to maintain 3E7X1 AFSC.

NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

CEM Code 3E800
AFSC 3E891, Superintendent
AFSC 3E871, Craftsman
AFSC 3E851, Journeyman
AFSC 3E831, Apprentice
AFSC 3E811, Helper

EXPLOSIVE ORDNANCE DISPOSAL
(Changed 31 Oct 23)

1. **Specialty Summary.** Performs explosive ordnance disposal (EOD) operations to protect personnel, resources, and the environment from the effects of hazardous explosive ordnance (EO), improvised explosive devices (IED) and weapons of mass destruction (WMD) which may include; incendiary, chemical, biological, radiological, and nuclear (CBRN) hazards. Employs specialized tools, techniques, and personal protective equipment to detect/identify EOD objectives and to accomplish diagnostics, monitoring, evaluation, interrogation, mitigation, render safe, recovery, and disposal operations on ordnance/devices delivered, placed, or made dangerous by accident/incident or other circumstance. Utilizes and maintains advanced equipment, such as, robotics, x- ray, landmine and CBRN detection equipment. Transports demolition explosives and equipment to authorized disposal areas, fabricates explosive demolition charges, and disposes of hazardous devices, ordnance, and explosives. EOD may be employed alone or as part of an AF, Joint, Interagency, or Coalition force, to support Combatant Commander and/or Air Force objectives. Provides rapid response capability and operates in five geographic disciplines: mountain, desert, arctic, urban and jungle, day, or night, to include austere combat environments independent of an established airbase or its perimeter defenses in mounted, dismounted, and limited airborne/aerial insertion operations. EOD at the five, seven, and nine level plan, organize, and direct EOD operations. Related DoD Occupational Subgroup: 143100 and 143300.

2. **Duties and Responsibilities:**
2.1. Plans, organizes, and directs EOD operations. Develops operational orders/plans, instructions, concepts of operation, and safety plans (ORM Assessments) concerning EOD employment. Translates commander's objectives/mission taskings into effective employment of EOD capability. Uses advanced technological and manual methods to perform long range/close-in reconnaissance, identification, assessment of ordnance/hazardous device conditions and filler materials, then advises commanders on recommended EOD actions and safe withdrawal distances. Prepares personnel and equipment for military operations.
2.2. Supports U.S. and foreign aerospace systems/vehicles and conventional munitions operations; sortie generation and space launch operations by responding to airfield/launch complex explosive related ground/in-flight emergencies or crash situations; and research and development testing of weapons, aircraft, and space systems.
2.3. Executes counter-IED (CIED) operations. Eliminates or mitigates explosive hazards and terrorist/criminal devices, to include missions outside the base boundary or Base Security Zone to enable freedom of maneuver for air or surface operations. Performs IED defeat actions to include (but not limited to) the following: recover/destroy weapon caches; perform immediate actions to defeat emplaced IEDs; conduct post-blast analysis of IED events; provides military authorities with technical intelligence, analysis, and exploitation; and provide key insights to enable development of CIED tactics, techniques, and procedures to mitigate IED effectiveness.
2.4. Executes counter-WMD operations. Peacetime EOD force WMD response efforts are limited in scope to provide initial threat confirmation, risk mitigation, situational awareness, and site stabilization; however, EOD forces may also provide additional technical support as required. During contingencies, EOD forces provide full-spectrum response capability to incidents involving CBRN, incendiary and explosive devices.
2.5. Conducts Nuclear Weapon Response. Provides immediate initial support to nuclear weapon accidents or incidents in order to evaluate nuclear weapon/delivery status, mitigate risk, provide site stabilization, and situational awareness. Custodial units certified on specific weapon systems and aerospace platforms form the core of weapons recovery teams and must respond in conjunction with the Tactical Response Force to explosively overcome obstacles, conduct passive diagnostics and provide technical assessments through secure communications with National Render Safe assets while supporting the National Military Command Center and Response Task Force (RTF) incident/accident or recapture/recovery efforts.
2.6. Performs unexploded explosive ordnance (UXO) recovery operations. Provides emergency response (on or off installation) to neutralize hazards posed by EO related incidents presenting a threat to operations, installations, personnel or materiel, including but not limited to, excavation and renders safe, evaluation of individual ordnance items, exploitation for technical intelligence value, support of developmental and operational ordnance/weapons system testing, and large-scale recovery of airbases, forward operating locations, landing zones, and drop zones denied by ordnance operations. Maintains capability to identify, stabilize and contain chemical/biological ordnance and provide disposition support to follow-on organizations. Transports demolition explosives and equipment to authorized disposal areas, fabricates explosive demolition charges, and disposes of hazardous devices, ordnance, and explosives.
2.7. Engaged in explosive range activities and operational range clearances. Establishes, operates, and maintains EOD explosive proficiency, training, and disposal ranges. Evaluates extent of explosive contamination on AF property, and on bombing and gunnery, research and development, and munitions test ranges. Prepares clearance/logistical plans and cost estimates for operational range clearance operations. Performs surface-removal, or disposal, of unexploded ordnance, classified ordnance, inert ordnance debris, training projectile debris, and any other range material fired on, or upon a military range from the targets and surrounding areas.

2.8. Combat enabler for Irregular Warfare. Provide EOD support for General Purpose and Special Operations Forces in the execution of various IW missions to include security force assistance, counterinsurgency (COIN), stability operations, and building partnership capacity. Supports specialized Joint Service task force operations.
2.9. Understands war fighter tactics, techniques, and procedures (TTPs). Integrates EO, IED, and WMD threat information into the decision-making process at all levels to mitigate and exploit the enemy's TTPs to maximize combat power. Performs tactical mission planning and preparation. Participates in Military Decision-Making Process. Briefs joint force commanders and staff on EO threats affecting operations.
2.10. Supports Defense Support to Civil Authorities activities. Provides emergency or lifesaving EOD operational capability to the Federal, state, and local civil authorities requesting support to mitigate or eliminate hazards associated with explosives (IEDs, military munitions, etc.). Provides hazardous materials (HAZMAT) response capability for incidents involving explosive ordnance.
2.11. Conducts Very Important Person/special protective activities. Supports U.S. Secret Service (USSS), Department of Homeland Security (DHS) and the Department of State (DoS) by providing counter explosive search teams in support of National Security Special Events, White House Complex and the protection of the President, Vice President, and other dignitaries.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge in: EOD flight organization; applied principles of electronics, physics, chemistry and mechanics; peacetime-wartime accident/incident response procedures; operational principles for specialized EOD tools, equipment and personal protective equipment; explosive and demolition procedures; access and recovery operations; explosive ordnance reconnaissance and assessment; weapons technical intelligence; post blast analysis; protection of personnel and property; render safe techniques; dynamic charges and explosive entry tools; range clearance operations; proficiency, training and demolition range management; treatment of explosives and related hazardous materials; identification, safety precautions, render safe, and disposal fundamentals for U.S. and foreign munitions/aerospace systems; identification, response planning, tactical considerations, render safe and disposal fundamentals for improvised explosive devices and homemade explosives; procedural fundamentals for weapons of mass destruction response; equipment and procedures for chemical/biological warfare and nuclear weapons; airbase recovery operations; deployment procedures; movement by aircraft; small arms and crew served weaponry; joint service and special force support requirements; combat operations.
3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Courses in physics, mechanics, and basic electronic theory are desirable. For AD and ANG personnel, completion of AFIT WMGT 570, *Civil Engineer Superintendent Course* is highly recommended. For AFRC personnel refer to AFRCI 10-210, *Air Force Reserve Command Prime Base Engineer Emergency Force (BEEF) Management*, dated 14 Jan 14, para. 3.3 regarding completion of AFIT WMGT 570 course. NOTE: For AD, ANG and AFRC personnel, this is not a skill level awarding course.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 3E831. Completion of the Explosive Ordnance Disposal apprentice course.
3.3.2. 3E871. Completion of the Explosive Ordnance Disposal craftsman course.
3.3.3. 3E891. Completion of the AFIT WMGT 570 Civil Engineer Superintendent Course is required for Active Duty. For ANG personnel, completion of AFIT WGMT 570, Civil Engineer Superintendent Course is highly recommended. For AFRC personnel refer to AFRCI 10-210, Air Reserve Command Prime Base Engineer Emergency Force (BEEF) Management, dated 14 Jan 14, para. 3.3 regarding completion of AFIR WGMT 570 course, NOTE: for AD, ANG, and AFRC personnel, this is not a skill level awarding course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 3E851. Qualification in and possession of AFSC 3E831. Also, experience operating EOD tools/equipment, executing aerospace system response, rendering safe munitions, removing, and treating hazardous unexploded ordnance or decontaminating activities.
3.4.2. 3E871. Qualification in and possession of AFSC 3E851. Also, experience performing or supervising EOD functions and operations, such as, preparing operational orders/plans, training/organizing/equipping personnel, and conducting response activities.
3.4.3. 3E891. Qualification in and possession of AFSC 3E871. Also, experience managing EOD functions or operations, such as, evaluating, planning, organizing and leading EOD activities in the fulfillment of the broad scope of EOD duties and responsibilities.
3.5. Other. The following are mandatory as indicated:
3.5.1. Table 3.5 Requirements for entry, award, and retention.

Requirements	Entry for Non-Prior Service	Entry for Prior Service	Entry for Re-training (Note 1)	Retention	Award
Minimum height of 5'0". Maximum height 6'6"	X	X	X		
No record of Claustrophobia (fear of confined spaces)	X	X	X		
Minimum score of 54 required on EOD Predictive Selection Model composed of ASVAB subtests and Tailored Adaptive Personality Assessment System (TAPAS) facets.	X	X	X		
Must pass the Initial Fitness Test EOD Standard.	X				
Must pass the EOD Occupationally Specific Physical Fitness Assessment IAW AFMAN 36-2930.		X	X	X	X
Recommendation for AFSC entrance by the nearest EOD Flight Commander, Flight Chief, or ranking NCO IAW AFMAN 32-3001. EOD Air Force Career Field Manager approval is mandatory.		X	X		

Candidates must complete the new accession or retraining volunteer letter found in AFMAN 32-3001 as applicable.	X		X		
Must complete an EOD flight orientation visit with an operational Air Force EOD flight as prescribed in AFMAN 32-3001. If one is not located on station, the applicant's unit may fund a temporary duty to the nearest Air Force Base with an operational AF EOD Flight to complete the EOD orientation. The visit consists of up to 10 operational duty days to complete the EOD Orientation/Retraining Checklist found in AFMAN 32-3001. Completed checklist, signed by the unit, should be sent to the supporting Force Support Squadron to initiate a Case Management System case to forward the information to HQ AFPC or HQ ARPC. (Note 2)			X		
Must be eligible to obtain a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, Vehicle Operations	X	X	X		
No unresolved mental health issues (including, but not limited to: failure to engage in help-seeking behaviors, a pattern of relapse in symptoms/illness, unwillingness, or inability to overcome mental health disorder) that would prevent member in the performance of their duties.	X	X	X	X	X
Passing color vision, as defined by correctly identifying at least 10 of 14 Ishihara Plates.	X				X
Passing color vision, as defined as a CCT score of 55 or greater in accordance with the USAF Medical Standards Directory.		X	X	X	
Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, Computer Security.	X	X	X	X	X
Specialty requires an adjudicated Tier 3 (T3) clearance, with an initiated Tier 5 (T5) prior to attending Naval School Explosive Ordnance Disposal (NAVSCOLEOD). The T5 security clearance shall not be initiated until the T3 clearance is adjudicated. The T5 clearance is required due to training, assignments involving nuclear weapons, and United Stated Secret Service / Department of State Support.	X	X	X	X	X
Must maintain qualification for EOD duty IAW AFMAN 32-3001.				X	X
Note 1: Enlisted Airmen with more than 6 years Time in Service and above the rank of SSgt are not accepted for retraining. EOD operations require experienced technical leadership. ***Note 2***: The EOD flight orientation visit does not apply to AFRC personnel.					

CEM Code 3E900
AFSC 3E991, Superintendent
AFSC 3E971, Craftsman
AFSC 3E951, Journeyman
AFSC 3E931, Apprentice
AFSC 3E911, Helper

EMERGENCY MANAGEMENT
(Changed 30 Apr 24)

1. **Specialty Summary.** Administers the Department of the Air Force's unifying all-phase, all-hazards counter-effects program. Organizes mission-driven activities and investments across planning, preparation, mitigation, and response phases of execution to support data driven decisions for commanders at all levels. Conducts education, training, exercises, and validation events to prepare assigned and apportioned forces to execute mission command during major accidents, natural disasters and state and non-state employment of Weapons of Mass Destruction (WMD) against air, space and cyber projection platforms. Responds to nuclear weapons incidents and accidents to preserve global deterrence. Performs Chemical, Biological, Radiological and Nuclear (CBRN) response, warning and reporting to limit the ability of adversaries to affect changes to the permissibility operating environment and incur cost on friendly forces. Delivers intelligence analysis and operational recommendations to each echelon of command to sustain combat power. Provides CBRN passive defense expertise to building partnership capacity efforts and coalition, joint and interagency boards, bureaus, centers, cells and working groups (B2C2WG) to integrate service missions into operational planning activities. Related DoD Occupational Subgroup: 149400.

2. **Duties and Responsibilities:**
2.1. Conducts installation level Emergency Management (EM) activities.
2.1.1. Executes CBRN response operations utilizing specialized testing equipment to identify and quantify threats during hazardous materials (HAZMAT) and suspected weapons of mass destruction (WMD) events.
2.1.2. Establishes, monitors, and maintains specialized CBRN threat detection network to identify contamination, mitigate hazards, protect personnel, and restore Air, Space and Cyber mission sets Coordinates actions to ensure prompt response during EM operations including immediate mobilization of resources and participation of agencies and organizations.
2.1.3. Utilizes scientific computer systems and software to construct detailed CBRN plume models to predict contamination and hazard footprints. Collects, interprets, and analyzes CBRN threat data to provide classified risk assessments for commanders and senior enlisted leaders to perform their missions.
2.1.4. Determines contamination levels, identifies contaminated areas, and predicts CBRN hazard duration timelines. Collects and prepares samples and ensures proper transport of samples from suspected CBRN and weapons of mass destruction (WMD) events. Advises, directs, and supervises EM and CBRN specialized teams Establishes, monitors, and maintains an integrated CBRN detection, warning, and reporting system.
2.1.5. Conducts individual protection determinations, decontamination, warning, and reporting activities.
2.1.6. Administers electronic systems to track training and equipment statistics and conducts Defense Readiness Reporting System updates.
2.1.7. Manages all aspects of EM Education and Training Program. Develops and distributes multimedia presentations, lesson plans, educational pamphlets, and handouts to support training and preparedness efforts. Instructs indoor and outdoor training using lecture and demonstration-performance methods for assigned installation populations.
2.1.8. Determines resource requirements, develops budgets, executes, and monitors expenditures for EM and CBRN materials and equipment. Ensures authorized and required CBRN protective equipment and clothing, detection devices and monitoring instruments are available, calibrated and in serviceable operating condition.
2.1.9. Acts as the installation liaison to the local emergency planning committee (LEPC) to foster collaborative relationships before incidents, accidents, and other engagements. Develops and coordinates EM support and mutual aid agreements.
2.1.10. Manages and executes the Installation Emergency Management (EM) Program. Implements DoD, AF, and national consensus standards and guidance into installation level instructions, plans, guides, and checklists.
2.1.11. Develops and coordinates EM planning activities. Provides input to and develops program guidance, local support agreements and other documents supporting homeland defense and expeditionary operations.
2.1.12. Integrates with allies and partners to standardize coalition tactics, techniques and procedures using an all-hazard approach to strengthen deterrence and operational feasibility across the range of military and humanitarian aid operations.
2.1.13. Performs Quality Assessment Evaluation and reviews Performance Work Statements on nontechnical contracts for compliance.
2.2. Conduct Headquarters, Center, and Agency EM activities.
2.2.1. Conducts CBRN and WMD Planning, Programming Budgeting and Execution activities.
2.2.2. Attends DoD, DAF, MAJCOM, and center B2C2WGs to advocate for DAF EM program policy and resourcing equities.
2.2.3. Evaluates EM force strength and equipment resourcing levels against applicable campaign, operational and concept plans and where present, branch and sequel plans.
2.2.4. Monitor joint and commercial technological advances and integrate into joint and service resourcing strategies.
2.2.5. Represent DAF equities to the DoD Emergency Management Steering Group.
2.2.6. Maintain professionalization for enlisted, officer and civilian career paths.

2.2.7. Continuously evaluate DAF EM training products and exercise use case scenarios against adversary fielded threats, intelligence products and operational concepts.

3. **Specialty Qualifications:**
3.1. Knowledge. is mandatory of the characteristics and effects of CBRN weapons is mandatory; detection and identification of CBRN contamination; threat and hazard analysis; passive defense measures; principles of contamination control; related technical information, policies, procedures, techniques, and equipment; and EM and contingency planning, training, operations, equipment supply procedures, directives, and policies.
3.2. Must have a working knowledge about DAF EM program operations, training, and logistics functions. This includes (but not limited to) force bed down, phases of response, deployment operations, and organizations for response, principles of mitigation preparedness, response, and recovery from major accidents and natural disasters, CE contingency training, operations, and equipment
3.3. Education. For entry into this specialty, completion of high school with courses in algebra, biology, physics, chemistry, typing, computer operations, and speech are recommended.
3.4. Training. The following training is mandatory for award of the AFSC indicated:
3.4.1. 3E931. Completion of the basic EM Apprentice course and the CBRN Responders Course.
3.4.2. 3E951. Completion of the CE 3-Level Common Core Concept; EM Journeyman Distance Learning (DL) Course; FEMA IS- 100, IS 200, IS 700, and IS 800 courses; and Automated Readiness Information System (ARIS) training offered by Air Force Civil Engineer Center.
3.4.3. 3E971. Completion of the Craftsman (7-skill level) EM course.
3.4.4. 3E991. Complete of the Superintendent (9-skill level) EM SNCO course.
3.5. Experience. The following experience is mandatory for award of the AFSC indicated:
3.5.1. 3E951. Qualification in and possession of AFSC 3E931. Also, experience performing functions supervised activities associated with EM operations, training, and logistics functions.
3.5.2. 3E971. Qualification in and possession of AFSC 3E951. CBRN Team Lead. Also, experience performing or supervising functions associated with EM operations, training, and logistics functions.
3.5.3. 3E991. Qualification in and possession of AFSC 3E971. CBRN Superintendent. Also, experience directing functions such as EM programs, or evaluating, planning, and organizing installations-level EM activities.
3.6. Other. The following are mandatory as indicated:
3.6.1. See attachment 4 for additional entry requirements.
3.6.2. For entry, award, and retention of these AFSCs:
3.6.2.1. Ability to speak distinctly.
3.6.2.2. Normal color vision as defined in DAFMAN 48-123, *Medical Examinations and Standards*.
3.6.2.3. For AFSCs 3E911/31/51, must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, Ground Transportation.
3.6.2.4. For AFSCs 3E911/31/51, qualification to operate government motor vehicles and vehicular equipment for "Maintenance Purposes Only" according to AFI 24-301.
3.6.2.5. AFSCs 3E911/31/51/71, no record of claustrophobia or claustrophobic tendencies.
3.6.2.6. Must be able to lift 50 lbs.
3.7. For award and retention of these AFSCs:
3.7.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and DAFMAN 17-1301, *Computer Security.*
3.7.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments. For award and retention of AFSCs 3E9XX, completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
3.8. Retraining into AFSC 3E9X1 is restricted to the grades of E-6 and below with less than 10 years of Total Active Federal Military Service. CBRN operators require experienced technical leadership to successfully execute their mission sets.
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

★FORCE SUPPORT CAREER FIELD (3F)
Introduction
(Changed 31 Oct 25)

★The Force Support Career Field sustains and builds ready and resilient Airmen with a wide array of installation support functions. This field includes functions and activities of human resources and administration, services, education and training, manpower, and equal opportunity.

★The Human Resources and Administration (HRA) career field supports Department of the Air Force (DAF) operations by managing human resource programs, administrative functions, and military postal operations to enhance readiness, accountability, and efficiency. HRA members manage personnel policies, career progression, benefits, entitlements, assignments, separations, casualty operations, and compliance. Administrative support professionals handle executive correspondence, workflow coordination, and unit-level personnel functions, while postal specialists ensure secure and efficient mail processing. Through these integrated roles, HRA strengthens Air Force operations and strategic personnel management.

★The Services Career Field sustains and builds ready and resilient Airmen with a wide array of installation support functions. This Air Force Specialty Code (AFSC) encompasses Sustainment Services core functions that include food, fitness, community support, mortuary, readiness and plans, contingency support, and Appropriated funds (APF) and Non-appropriated funds (NAF) operations while in-garrison or in bare-base facilities. Prime Readiness in Base Services (RIBS) teams may be deployed to augment theater operation plans, contingency operations, natural disasters, and Air Expeditionary Force cycles. Prime RIBS teams are an integral part of the systematic deployment, employment, sustainment, and redeployment of U.S. Forces to meet commander requirements across the Range of Military Operations.

★Education and training activities include training systems development and management, and education services. Training systems involves developing and managing training programs; supervising training activities; providing advice and guidance on enlisted specialty training (EST); and EST advisory services and duties associated with other training functions. Education services involve administering off-duty education programs; advisement on education programs; and maintaining educational services facilities including office libraries containing educational materials and bulletin boards.

★Manpower and Organization (MO) functions encompass manpower and organization activities, with core competencies in organization, requirements determination, program allocation and control, and performance management. These include developing and maintaining various organizational structures, manpower standards; analysis of methods, procedures, manpower authorizations, manpower usage, military-civilian mix, manpower force elements, peacetime, and wartime requirements; contingency management; operational planning and execution, contractual services, process improvement, productivity enhancement, benchmarking, reengineering, consulting services, and using various data systems.

★Equal Opportunity (MEO) functions include counseling, educational, and administrative functions.
For assignment purposes, any 3F0, 3F1, or 3F2 can serve as the 3FX Senior Enlisted Leader (SEL). If necessary, upon selection for the SEL position, initiate a Manpower Change Request (MCR) to change the Duty AFSC on the Unit Manning Document (UMD) to reflect the individual's AFSC held at the 9-skill level (ex. 3F091, 3F191, 3F291).

CEM Code 3F000
AFSC 3F091, Superintendent
AFSC 3F071, Craftsman
AFSC 3F051, Journeyman
AFSC 3F031, Apprentice
AFSC 3F011, Helper

★HUMAN RESOURCES AND ADMINISTRATION
(Changed 31 Oct 25)

1. ★**Specialty Summary.** Manages and executes human resources and administrative programs that directly support Department of the Air Force (DAF) operations. Ensures mission readiness, personnel accountability, and organizational effectiveness through expert application of personnel policy, force management, and personnel operations. Advises commanders and Airmen on career progression, benefits, entitlements, and personnel readiness. Administers assignments, promotions, separations, retention programs, casualty operations, workforce planning, personnel data systems, and compliance inspections. Oversees executive correspondence, operational workflow, and unit-level administrative functions to enable efficient communication and mission execution. Manages military postal operations, ensuring secure and timely processing of official and personal mail in accordance with DAF, United States Postal Service (USPS), and federal regulations. By integrating these diverse functions, HRA professionals enhance strategic personnel management, strengthen organizational cohesion, and contribute directly to the operational success of the Air Force.
Related DoD Occupational Subgroup: 151000, 153100, and 155400.

2. ★**Duties and Responsibilities:**
2.1. ★ Personnel Programs. Manages military human resource programs and provides guidance to commanders and Airmen on DAF personnel policies. Directs assignments, promotions, separations, retirements, classification, awards, decorations, retraining, casualty reporting, personnel reliability, and readiness programs. Determines program eligibility, counsels Airmen on reenlistment opportunities, benefits, and entitlements, and implements force management tools such as boards, selective reenlistment, and bonus programs. Supplies leadership with detailed personnel reports and statistical analyses to inform strategic decision-making.
2.2. ★ Personnel Data Management and Analysis. Ensures personnel data integrity through systematic auditing, analysis, and discrepancy resolution for both deployed and in-garrison personnel. Develops, interprets, and reviews management assessment products and transaction registers to maintain compliance and accuracy. Conducts routine crosschecks between personnel systems and source documents, identifying and correcting inconsistencies. Compiles, organizes, and submits management data and reports to facilitate personnel decision-making while tracking key metrics to enhance readiness and operational efficiency.
2.3. ★ Personnel Actions and Accountability. Handles personnel processing and accountability, ensuring precise tracking of DAF personnel across garrison and deployed locations. Executes in- and out-processing, duty status reporting, and personnel movement tracking, including leave, temporary duty, hospitalization, sick in quarters, and casualty reporting. Maintains personnel readiness by ensuring timely updates to duty status and personnel records.
2.4. ★ Compliance, Inspection, and Counseling. Conducts inspections to verify compliance with DAF personnel policies and directives. Identifies discrepancies, recommends corrective actions, and monitors personnel processing for timeliness, propriety, and accuracy. Provides counseling and advisory support to Airmen on personnel programs, benefits, entitlements, and career progression, assisting them in navigating administrative processes.
2.5. ★ Commander Support Staff (CSS). Manages organizational personnel and manpower programs, ensuring accuracy in database systems and coordinating personnel actions between units and military personnel organizations. Administers administrative functions, including evaluations, decorations, recognition programs, fitness tracking, and in-/out-processing. Maintains personnel records, duty status changes, and suspense systems for personnel actions and correspondence. Oversees leave web programs and assists Airmen with web-based personnel applications. Prepares and processes disciplinary actions, including Articles 15, letters of reprimand, investigation reports, unfavorable information files, and separation actions in support of command personnel management.
2.6. ★ Personnel Support for Contingency Operations (PERSCO). Executes PERSCO functions, maintaining personnel accountability for deployed forces and ensuring accurate reporting to combatant commanders. Conducts casualty reporting for missing, deceased, ill, or injured personnel while coordinating inbound and outbound operations for deployed locations. Provides critical personnel support, including virtual record updates, emergency leave processing, and promotion actions. Acts as a vital link between deployed personnel and home stations, ensuring operational continuity and personnel readiness in contingency and wartime environments.
2.7. ★ Administrative Support. Provides executive administrative support to General Officers, Senior Executive Service civilians, and military leaders, ensuring seamless coordination of travel, lodging, itineraries, and official functions. Assists commanders in executing official events, including recognition ceremonies and Distinguished Visitor (DV) engagements, by managing logistics, venues, mementos, and guest lists. Leads executive correspondence management, facilitates meetings, and administers organizational communications, including document preparation, distribution, workflow management, and electronic mail organization. Carries out administrative duties such as calendar management, meeting coordination, and customer service while ensuring compliance with communication standards and formatting requirements.
2.8. ★ Postal and Official Mail Operations. Directs and supervises postal operations, ensuring secure handling, processing, and distribution of official correspondence in accordance with United States Postal Service (USPS) and military postal regulations. Manages Military Post Offices (MPO), Aerial Mail Terminals (AMT), and Mail Control Activities (MCA) to facilitate efficient mail processing and

delivery for authorized users. Administers postal financial services, including postage sales and money orders, while maintaining accountability through accurate records and reporting. Coordinates mail transportation logistics, resolves distribution issues, and monitors air carrier facilities to ensure timely delivery via military and commercial carriers. Handles official mail functions, including receipt, distribution, expenditure tracking, and compliance with Private Express Statutes. Manages contracting officer representative duties for outsourced operations, ensuring regulatory compliance and effective communication within the organization.

3. ★**Specialty Qualifications:**
3.1. ★Knowledge. Mandatory knowledge includes personnel policies, procedures, and principles of personnel management, covering assignment, promotion, customer service, quality force initiatives, personnel readiness, deployment/mobilization procedures, and PERSCO operations. Proficiency in interviewing and counseling techniques, administrative communications, correspondence management, and general office operations is required. Understanding organizational structure and its relationship to mission execution is essential, along with familiarity with policies, programs, and procedures governing benefits for military personnel, retirees, and family members. Knowledge of Personnel Data System (PDS) capabilities, occupational survey procedures, and benefit programs is critical. Additionally, expertise in office management policies, technologies, and procedures is required, including administrative support for personnel and manpower programs, executive support responsibilities, and postal and official mail operations.
3.2. ★Education. Completion of high school or a General Educational Development (GED) equivalency is required for entry into this specialty. Coursework in business, English composition, public speaking, Microsoft Office applications, and keyboarding is highly desired.
3.3. ★Training. Members must complete training requirements for the core AFSC and applicable shred-specific requirements, as needed, progressively, as each skill level builds upon the prior level. The following training is mandatory for the award of the AFSC indicated in addition to the successful completion of applicable Career Development Course (CDC) requirements and core tasks listed in the Career Field Education and Training Plan (CFETP):
3.3.1. ★ Entry-Level Training. Successful completion of the HRA initial skills course is mandatory for the award of AFSC 3F031.
3.3.2. ★ Core Training Requirements. The following training is required for specific AFSC skill levels:
3.3.2.1. ★3F051: Completion of DAF e-Learning: Microsoft Office Specialist (MOS) Training – Microsoft Office (Beginner Level), DAF e-Learning: Microsoft Office Specialist (MOS) Training – Microsoft Office (Intermediate Level), and Microsoft Office Specialist: Associate (Office 2019).
3.3.2.2. ★3F071: Completion of all 3F051 and DAF e-Learning: Microsoft Office Specialist (MOS) Training – Microsoft Office Specialist: Expert (Office 2019).
3.4. ★Experience. The following experience is mandatory for award of the AFSC skill-level indicated in addition to successful completion of applicable task requirements listed in the CFETP:
3.4.1. ★Core Experience Requirements. Experience requirements for the AFSC skill-level include successful completion of applicable training and task requirements:
3.4.1.1. ★3F051. Qualification in and possession of AFSC 3F031 with completion of all 3F051 core tasks.
3.4.1.2. ★3F071. Qualification in and possession of AFSC 3F051 with completion of all 3F071 core tasks. Experience supervising and performing HRA functions.
3.4.1.3. ★3F091. Qualification in and possession of AFSC 3F071. Experience managing and directing HRA functions and programs.
3.5. Other. The following are mandatory as indicated:
3.5.1. ★ Entry Requirements. For entry into this specialty, see Attachment 4 for additional requirements.
3.5.2. ★ AFSC Award and Retention Requirements. Personnel must maintain local network access in accordance with AFI 17-130, Cybersecurity Program Management.

Notes:
★ **AFR specific requirements:** Retraining into the 3F0 Career Field is limited to E-6 and below for the Air Force Reserve. **ARC Only:** Refer to the 3F Introduction section for FSS SEL position information.
★**ANG specific requirements:** Retraining into the 3F0 Career Field is limited to E-7 and below. See the ANG Waiver Classification Guide for more details on retraining. A 3F091 must have been earned prior to selection/placement in a 3F000 duty position.

CEM Code 3F100
AFSC 3F191, Superintendent
AFSC 3F171, Craftsman
AFSC 3F151, Journeyman
AFSC 3F131, Apprentice
AFSC 3F111, Helper

SERVICES
(Changed 31 Oct 24)

1. **Specialty Summary.** Manages and directs Force Support programs, operations, and retail operations. Supervises and works in appropriated fund (APF) and Food 2.0 food service activities; fitness and sports programs; community support functions; recreation; Force Support readiness programs; contingency quarters; laundry; mortuary affairs program; and non-appropriated fund (NAF) operations while in-garrison and in deployed environments. Operates and supervises automated information management systems. Deploys and employs in support of theater operation plans, contingency operations, natural and man-made disasters. Knowledge and proficiency to operate in hostile environments created by terrorism, sabotage or chemical, biological, or conventional warfare. Related DoD Occupational Subgroups: 180000.

2. **Duties and Responsibilities:**
2.1. Manages Force Support Sustainment operations. Improves work methods and procedures to ensure efficient operation and customer satisfaction. Executes customer service and support programs. Resolves customer complaints. Applies accounting principles to control resources. Inspects and evaluates Force Support activities. Determines resource availability, pricing and merchandise trends, inventory levels and safeguarding procedures. Maintains liaisons with civilian industry to keep abreast of current trends, product development, and improved service techniques. Evaluates contractor performance in outsourced Services functions. Determines APF and NAF budget requirements. Performs NAF financial management functions. Requisitions and accounts for subsistence, supplies, and equipment. Identifies facility requirements and conducts surveys to determine facility renovation, construction, and modernization. Develops capital expenditures programs for NAF and APF facilities. Establishes equipment layout, and operation and maintenance procedures.
2.2. Operates food service activities. Plans, prepares, and adjusts menus within a food service activity. Performs culinary duties. Supervises and manages Dining Facilities, Flight Kitchens, Alert Facilities, Small (MUNS) Sites, and Missile Alert Facility Feeding Operations (MAFFO), Kiosks, and Provisions on Demand. Manages subsistence distribution, warehouse, and logistical functions. Operates fixed, bare base, missile alert and portable facilities and equipment.
2.3. Executes fitness and sports programs. Conducts and oversees fitness assessments according to Air Force policy. Trains and advises unit fitness program managers and physical training leaders. Conducts fitness improvement training programs. Maintains close liaison with commanders and unit fitness managers on the Air Force Fitness Program. Conducts personal fitness training and develops individual and group exercise regimens. Explains concepts of fitness requirements. Demonstrates proper conditioning procedures, weight training and aerobic equipment techniques.
2.4. Performs recreation programming and community support functions. Plans and provides and Morale, Welfare, and Recreation (MWR) programs and activities. Performs marketing and advertising for community support functions. Operates MWR functions. Executes directed and self-directed programs and events.
2.5. Maintains unit readiness and plans program. Conducts capability readiness and unit type code readiness reporting. Oversees home station readiness training. Oversees base support plan and continuity of operations plan program management. Performs unit deployment manager responsibilities. Operates unit control center (UCC) command and control operations.
2.6. Establishes and manages contingency quarter's operations. Determines lodgment of inbound personnel. Maintains locator system. Monitors contingency quarter's occupancy status and determines availability of transient quarters.
2.7. Performs mortuary affairs administration functions. Performs mortuary operational support. Conducts, trains, and supervises teams for the search and recovery of human remains. Arranges for transporting and disposition of remains. Ensures mortuary entitlements, escorts, and military honors are arranged. Establishes and maintains mortuary case files.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: accounting procedures; management principles; merchandising; marketing; customer service; automated information systems; use of business machines; food service facility operations; subsistence management; operational ration requisition and issue procedures; menu forecasting; contingency quarters; fitness, sports, and recreation program development; personnel management; APF and NAF budgetary sources, procedures and processes; facility and equipment maintenance procedures; basic business administration concepts; retail operations; responsibilities for mortuary affairs, and search and recovery procedures; responsibilities for lost, damaged, stolen, or destroyed property; and operation of readiness and plans.
3.2. Education. For entry into this specialty, completion of high school with courses in business arithmetic, accounting, computers, physical education, and typing is desirable.
3.3. Training. For award of AFSC 3F131, completion of the Services Apprentice course is mandatory.
3.4. Experience. The following experience is mandatory for award of AFSC indicated:

3.4.1. 3F151. Qualification in and possession of AFSC 3F131. Also, experience in functions such as preparing, cooking, baking, presenting, and serving food; instructing, planning, officiating, or directing athletic activities; planning, organizing, and conducting recreation programs; securing supplies, facilities, and performers; proper use and maintenance of recreation supplies and equipment; community support functions; unit readiness programs; and APF and NAF budgetary processes and procedures.
3.4.2. 3F171. Qualification in and possession of AFSC 3F151. Also, experience performing or supervising food service functions or food preparation, managing fitness and sports programs and activities, recreation and community support operations and programs; managing mortuary programs; managing unit readiness programs; managing APF and NAF budgetary sources, procedures, and processes.
3.4.3. 3F191. Qualification in and possession of AFSC 3F171. Also, experience managing and operating Services programs such as food service, fitness and sports, community support, readiness, mortuary, and resource management operations.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty, see attachment 4 for entry requirements.
3.5.2. For entry, award, and retention of these AFSCs:
3.5.2.1. Ability to speak distinctly.
3.5.2.2. Never been convicted by courts-martial.
3.5.2.3. Never been convicted and sentenced to confinement by a civilian court.
3.5.2.4. No record of disciplinary action for financial irresponsibility, shoplifting, larceny, petty larceny, or theft.
3.5.3. For award and retention of these AFSCs:
3.5.3.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
Note: Retraining into the 3F1 Career Field is limited to E-6 and below for the Air Force Reserve and Air National Guard. Exceptions to policy will be reviewed on a case-by-case basis by the component 3F1 Career Field Functional Manager. Only individuals who have obtained the 9- skill level in the 3F1 AFSC may be selected for 3F100 Key, Command, and Joint (KCJ) and 3F100 above-wing level positions in the Air Force Reserve.
Air National Guard Specific NOTE: Air National Guard members must have three years of previous services experience as a 3F1XX in order to occupy the SMSgt/E-8 3F1 Base Services Manager position. This requirement will not be considered for a waiver or exception to policy.
Note for ARC Only: Refer to the 3F Introduction section for FSS SEL position information.

CEM Code: 3F200
AFSC 3F291, Superintendent
AFSC 3F271, Craftsman
AFSC 3F251, Journeyman
AFSC 3F231, Apprentice
AFSC 3F211, Helper

EDUCATION AND TRAINING
(Changed 30 Apr 25)

1. **Specialty Summary.** Conducts education and training (E&T) tasks for maintenance, operations, and support training; education services; curriculum development; and instructor activities. Develops, delivers, and evaluates E&T programs and oversees E&T activities. Related DoD Occupational Subgroup: 157000.

2. **Duties and Responsibilities:**
2.1. Develops, delivers, and evaluates E&T programs. Applies instructional system development (ISD) process. Collects and analyzes job performance data and conducts occupational analysis surveys. Compares individual knowledge and skills with job standards and identifies E&T requirements. Develops and validates standards. Determines adequacy of existing courses and programs. Screens and validates formal E&T requirements. Develops objectives to meet Air Force academic, vocational, and technical standards. Determines most cost-effective method to deliver E&T. Sequences objectives; selects instructional design, method, and media; and identifies resource needs. Creates materials to support objectives. Develops tests and standards to measure individual abilities. Evaluates E&T programs, recommends actions to correct deficiencies, and oversees evaluations and surveys. Conducts, validates, and revises programs and instruction. Coordinates user feedback with career field managers and E&T providers and monitors corrective actions. Proctors exams. Maintains and controls testing materials.
2.2. Administers E&T programs. Serves as E&T program manager. Consults on ISD process and career field E&T plans (CFETP). Advises on E&T materials and services. Conducts work center visits and organizes programs to develop and conduct job site training. Advises on unit and individual E&T progress. Identifies E&T providers, capabilities, and resources, and ensures availability of materials. Recommends revisions to E&T programs and CFETPs. Helps obtain and analyze history of E&T achievements, establish goals, and enroll in classes, courses, and programs. Prepares and maintains records, files, and materials. Maintains liaison with activities conducting, scheduling, or supporting E&T requirements. Coordinates and schedules events and facility use. Requests course quotas; monitors formal E&T process; and maintains records of course attendance, withdrawals, completions, and costs. Manages automated systems and products, measurement tools, multimedia and maintenance qualification training programs, and the extension course program. Coordinates contingency task training.
2.3. Oversees E&T activities. Organizes E&T programs to achieve educational goals and mission requirements. Prepares directives to manage and control E&T programs. Implements policies and coordinates changes. Develops and manages reporting procedures. Maintains E&T data and provides statistical reports on programs and operations. Monitors progress, identifies problem areas, determines causes, recommends corrective action, and provides counsel. Organizes and controls facilities, supplies, and equipment to support E&T needs. Forecasts E&T requirements, determines validity, and assesses cost. Participates in utilization and training workshops, training planning teams, and training planning groups.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: principles, policies, and procedures of Air Force E&T programs; interviewing and counseling techniques; training techniques and instruction methods; task analysis procedures, learning process, curriculum development, training evaluations, and E&T systems and products; effective writing skills; editing practices; instructional media application, training reporting, program and curriculum validation, and implementation procedures; training program management; scheduling training events and facilities; conducting assistance visits and training meetings; work center and individual job qualification standard development; education institution registration requirements; military personnel classification system and policies; application of communicative interpersonal skills; and distance learning concepts. Familiarization with computer programs such as Microsoft Word, Excel and PowerPoint is recommended.
3.2. Education. For entry into this specialty, completion of high school or higher education level is mandatory. Academic courses in English grammar and composition, speech, psychology, guidance, and sociology are desirable.
3.3. Training. For award of AFSC 3F231, completion of the basic E&T course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 3F251. Qualification in and possession of AFSC 3F231. Experience conducting or developing education or training programs, and qualification in assigned tasks in education services or unit, base, or maintenance training duty positions (if applicable).
3.4.2. 3F271. Qualification in and possession of AFSC 3F251. Experience conducting or developing education or training programs, and qualification in assigned tasks in education services or unit, base, or maintenance training duty positions (if applicable).
3.4.3. 3F291. Qualification in and possession of AFSC 3F271. Experience conducting or developing education or training programs, and qualification in assigned tasks in education services or unit, base, or maintenance training duty positions (if applicable).
3.5. Other. The following are mandatory as indicated:
4. For entry into this specialty:

5. Prior qualification in any AFSC at the 5-skill level or higher (or 3-skill level if no 5-skill level exists). Note: For ARC, sister service applicants do not need to meet this requirement. Applicants must meet all other requirements.
6. Minimum grade E-4.
7. For RegAF, retraining applicants must shadow a 3F251 or 3F271 who has been appointed by the Base Functional Manager (BFM) for 5 duty days. The days a member shadows do not need to happen consecutively, but all 5 days must be completed before the BFM endorses the interview/recommendation letter.
8. Shadowing topics will include: OJT rosters, TPM briefing, training systems updates, CDC Administration, workcenter visits, Microsoft office applications.
9. Members who have performed Additional Duty Unit Training Manager (ADUTM) duties within the last year are exempt (documented on BFM recommendation letter).
10. If a BFM determines that a prospective trainee is not a good fit for the career field, and does not intend to recommend them for retraining into the 3F2X1 AFSC, the BFM does not have to coordinate the job shadow days.
11. For RegAF and AFRC, written recommendation for retraining approval from the Base 3F2X1 Functional Manager and retraining package (to include retraining recommendation memorandums) must be reviewed and approved by the Air Force 3F2XX Career Field Manager. Note: AFRC retraining packages are approved by respective AFRC 3F2 MAJCOM Functional Manager.
12. Retraining into the 3F2X1 career field within the ARC is restricted to the grades of E-7 and below. Note, for the ANG, members assigned to the Wing 3F2 Functional Manager position or Base Training Manager position must have a minimum of 24 months as a 3F271.
13. See attachment 4 for additional entry requirements.
14. For entry, award, and retention of these AFSCs, ability to speak distinctly.
15. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
16. **Note for ARC Only:** Refer to the 3F Introduction section for FSS SEL position information.

CEM Code 3F300
AFSC 3F391, Superintendent
AFSC 3F371, Craftsman
AFSC 3F351, Journeyman
AFSC 3F331, Apprentice
AFSC 3F311, Helper

★MANPOWER
(Changed 31 Oct 25)

1. **Specialty Summary.** Performs the following Manpower competencies: management engineering, data analytics, capability oversight, project management, advisory services, contingency force development, workforce development. Demonstrates knowledge, skills, abilities, and observations within the following sub-competencies: management engineering, information systems, data research, data interpretation, storytelling and visualization, capability oversight, project management, advisory services, garrison, expeditionary, and workforce development. Manages servicing manpower activity functions including: Air Force organization structure, organizational and manpower standards/determinants, manpower resources, military grades, manpower data systems, peacetime and wartime manpower requirements and utilization, and management advisory studies. Leads process reengineering, Continuous Process Improvement (CPI) initiatives, and management consulting services. Supports operational planning and execution. Related DoD Occupational Subgroup: 150000.

2. **Duties and Responsibilities:**
2.1. Quantifies manpower requirements through the management engineering program. Develops and maintains standardized Air Force organizational structures and manpower determinants. Coordinates with staff agencies and assists management with study implementation. Applies organization and manpower determinants, analyzes impact, and revises manpower documents. Conducts reengineering studies to define defendable manpower requirements, building statistical equations to meet future programming needs.
2.2. Leverages a combination of people, processes, data, and technology to collect, store, process, and distribute findings. Utilizes skills and knowledge to systematically gather data for a specific purpose or analysis. Analyzes and derives meaningful insights from data to inform decisions, solve problems, and address research inquiries. Interpreting and analyzing staffing data to identify trends, patterns, and insights that can inform workforce strategies. Uses predictive models to forecast future workforce needs based on various factors such as mission trends. Provides strategic recommendations to optimize workforce efficiency, productivity, and satisfaction. Develops and tracking key performance metrics to assess workforce efficiency and effectiveness. Assists in the development and implementation of workforce plans that align with the organization's goals and objectives. Prepares comprehensive reports that present workforce data and insights in a clear and accessible manner. Communicates insights and findings from data using clear visualizations with context, narrative, and interaction with stakeholders. Collaborates with various stakeholders to ensure that workforce strategies align with overall mission objectives.
2.3. Identifies, develops, and maintains the capabilities critical to the organization’s success and aligns them with mission requirements. Develops and applies programming factors and functional estimating equations. Maintains manpower allocations with troop strength ceilings or floors and mandates. Designs, operates, and maintains manpower data systems at base, major command (MAJCOM), or Headquarters USAF. Develops and prepares manpower change requests. Prepares and maintains manpower reports and data extracts. Evaluate manpower change requests for policy compliance, resource impact, unit type code impact, and possible impact on other position attributes and coordinates the request with local functional managers, as applicable. Leverages multiple data sources to generate data supported recommendations Ensures overall compliance, accuracy, and currency of all manpower data in the Manpower Programming and Execution System.
2.4. Applies knowledge, skills, tools, and techniques to accomplish project objectives within an established timeframe to meet mission requirements. Identifies project goals and scope. Plans and documenting project tasks. Ensures deliverables are on-time. Manages project resources. Communicates project needs with stakeholders. Makes meaningful assumptions and eliminates potential risks. Documents projects process using various project management tools. Ensures top-quality results and project success.
2.5. Performs advisory services that provides leaders with recommendations, conclusions, and findings to help them make decisions. Communicates actions, activities, and tertiary effects from the Manpower perspective. Demonstrates ability to leverage technology to implement efficient, robust, and cross-functional solutions. Provides process improvement methods that proactively identifies, analyzes and improves upon existing business processes within an organization, with the goal of improving process effectiveness and efficiency. Renews a domain, a product, or a service through innovation and applies new processes by introducing new techniques or establishes successful ideas to create new value. Improves performance through planning, designing, advising, and facilitating organizational and functional process improvement through integrated process teams, benchmarking, process mapping, work measurement, modern business practices, and metric development for manpower requirements, performance measurement, and organizational design. Plans and organizes manpower activities for conducting management consulting services, to include operations research, systems and procedures analysis, workload essentiality, work distribution and workflow, skill mix, work methods and simplification, layout analysis, benchmarking, and work measurement and analysis. Designs methods and tailors’ consultation to improve organizational performance. Facilitates in developing short and long-term goals and strategies relating to performance management. Designs systems with focus on effectiveness and efficiency. Applies knowledge, skills, tools, and techniques to accomplish objectives within an established timeframe to meet mission requirements. Combines qualitative findings and other inputs along with data analytics to make comprehensive recommendations.

2.6. Exercises and validates organizational capabilities to achieve mission success during contingency and emergency operations. Identifies, validates, and maintains capabilities critical to a Combatant Command's mission success in support of national policies and objectives through unified action. Advises strategic and operational planning activities in determining expeditionary and garrison force requirements, organizational structure, command relationships, and resource allocation. Initiates and communicates force requests, assigned and allocated requirements actions and organizational changes. Establishes and maintains manpower readiness and force management to include maintaining and operating the DCAPES system. Performs manpower wartime support for operational, contingency and exercise planning and execution. Participates in mobility planning with the manpower and personnel readiness team. Participates in total force assessments to define in- place and deployment capabilities. Evaluates and approves unit type code changes. Conducts operational theater and overseas manpower requirements reviews.
2.7. Implements strategies and programs to enhance the skills, knowledge, and abilities of members within the Manpower enterprise. Facilitates a skills-sensing network among cross-organizational stakeholders with the purpose of carrying out a dynamic skills strategy. Identifies and implements skill accelerators by extracting strategies from existing resources and expertise to build skills solutions at speed. Create channels to support two-way, transparent skills information sharing between Manpower and the organization.

3. ★**Specialty Qualifications:**
3.1. Knowledge. The following knowledge is mandatory for award of AFSC indicated:
3.1.1. 3F3X1. Distinct understanding of Air Force Manpower, Organization, and Resource policies, methods, and procedures for advisory services; data analysis and judgement; relationship management; problem solving and influencing; storytelling and visualizations; wartime management; force management; project management; organizational development; facilitation and benchmarking; productivity enhancement; survey techniques, process improvement, human capital management, performance measures development, and costing analysis; principles of industrial engineering techniques ; procedures, manpower allocation processes; automated data processing system operations and utilization; and organization analysis, structures, and missions
3.1.2. 3F3X1M. Complex data sets analysis; data visualization tools; costing analysis; industrial engineering, management engineering, manpower analytics; analytical reports and visualizations; data science concepts; exploratory analysis; organization analysis, structures, missions.
3.2. Education. For entry into this specialty, the following Air Force Digital University courses must be completed: Problem Solving: The Complete Guide (Udemy); Think Smart: Unlocking Your Critical Thinking Potential (Udemy); Data Analytics for Project Management (Udemy); Zero to Hero! Intro To Algebra - Variables, Fractions (Udemy) & more. Project Management and strong analytical foundation, sound judgment, and ability to solve problems independently skillsets are desirable.
3.3. ★Training. The following training is mandatory for award of the AFSC indicated.
3.3.1. For award of AFSC 3F331, completion of the basic Manpower Apprentice Course is mandatory.
3.3.2. For award of the AFSC 3F3X1M, must possess a minimum 3F351 AFSC for entry into 3F3X1M and completion of the management engineering/data analytics course.
3.3.3. ★For award of AFSC 3F351, complete in order the 3F351 Career Development Course (CDC), complete all 5-level Air Force Qualification Training Packages (AFQTP) outlined in Attachment 3 of the Career Field Education and Training Plan (CFETP), complete all "Basic" level courses within Digital University learning path 3F3X1 – Competency Based Learning Path.
3.3.4. ★For award of AFSC 3F371, complete in order all 7-level AFQTPs outlined in Attachment 3 of the CFETP, complete all "Intermediate" level courses within Digital University learning path 3F3X1 – Competency Based Learning Path, complete OpusWorks Foundational and Green Belt course work with a minimum of 70% in each module, complete DCAPES training, and complete Advanced 7-Level Course (if available).
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. ★3F351. Qualification in and possession of AFSC 3F331. Also, experience performing functions such as evaluating operational methods and procedures; workload measurement; process improvement studies; analyzing and reengineering process improvement and system performance; costing analysis; assisting in developing organizational and process standard; determining manpower requirements; accomplishing contingency force management; or analyzing organizational structures.
3.4.2. 3F351M. Qualification in and possession of AFSC 3F351. Experience in analyzing, interpreting, and visualizing data to support mission-critical decision-making processes. Proficiency in statistical software, data science/visualization tools and techniques. Proficiency in industrial engineering and management engineering techniques for analysis of complex data sets.
3.4.3. ★3F371/M. Qualification in and possession of AFSC 3F351/M. Also, experience performing or supervising functions such as evaluating operational methods and procedures; workload measurement; facilitating and consulting organizational development and process improvement studies; analyzing and reengineering process improvement and system performance; costing analysis; developing organizational and process standards; determining manpower requirements; accomplishing contingency force management; or analyzing organizational structures.
3.4.4. ★3F391. Qualification in and possession of AFSC 3F371/M. Also, experience managing functions such as management engineering, productivity, and organizational development studies; development and implementation of performance measures; determining manpower requirements; or organizing and implementing management structures during contingencies.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into AFSC 3F3X1:
3.5.1.1. Prior qualification in any AFSC at the 5-skill level or higher (3-skill level if no 5-skill level exists).
3.5.1.2. Certification by the Installation Manpower Office Chief that the individual has been interviewed and is acceptable for entry into the AFSC. The Installation Manpower Office Chief will complete their portion of the mandatory Manpower Retraining Certification

Memo and coordinate with the MAJCOM Manpower Senior Enlisted Leader. The Air Force Career Field Manager must coordinate/approve each Retraining Memo.
3.5.1.3. Never received nonjudicial punishment under the Uniform Code of Military Justice (UCMJ) which resulted in either reduction or suspended reduction in grade, or correctional custody.
3.5.1.4. No record of disciplinary action for financial irresponsibility.
3.5.1.5. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments. For award and retention of AFSCs 3F3X1/M, completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory
3.5.1.6. See attachment 4 for additional entry requirements.
3.5.2. For entry into AFSC 3F3X1M, the following are mandatory:
3.5.2.1. Must possess a minimum PAFSC 3F351.
3.5.2.2. Be nominated and approved for entry into the AFSC. The nominations will be coordinated with MAJCOM/AFMAA Senior Enlisted Leaders per the annual allocations allowed. The Air Force Career Field Manager and 3F3 Developmental Team will coordinate/approve each 3F3X1M nomination.
3.5.2.3. Must possess coursework in Data Science, Statistic, Computer Science, or a related field.
3.5.2.4. A minimum of 1 year of experience in data analysis and management engineering, preferably within a military or defense-related environment.
3.5.2.5. Proficiency in statistical software (e.g., R, Python, SA, or similar) and data visualization tools (e.g., Tableau, Power BI)
3.5.2.6. Demonstrated ability to analyze large, complex data sets and identify patterns, trends, and actionable insights.
3.5.2.7. Knowledge of Air Force operations, structure, and strategic objectives is highly desirable.
3.5.2.8. Excellent communication skills, both written and verbal, with the ability to present complex information clearly and concisely to a diverse audience.
3.5.2.9. Strong critical thinking and problem-solving skills, with the ability to work independently and as a part of a team.
3.5.2.10. Attention to detail and commitment to producing high-quality work.
3.5.3. For award and retention of AFSCs these AFSCs:
3.5.3.1. Never been convicted by a court-martial or convicted by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the accepted number of Category 4 offenses. Category 3 and 4 minor traffic violations and similar infractions are not disqualifying. ***NOTE***: Categories of offenses are described and listed in AFI 36-2002, *Regular Air Force and Special Category Accessions, Uniform Guide List of Typical Offenses.*
3.5.3.2. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.

4. ***Specialty Shredouts**

Suffix	***Portion of AFS to Which Related***
M	Management Engineering/Data Analytics

CEM Code 3F400
AFSC 3F491, Superintendent
AFSC 3F471, Craftsman
AFSC 3F431, Journeyman
AFSC 3F411, Helper

EQUAL OPPORTUNITY
(Changed 30 Apr 25)

1. **Specialty Summary.** Implements, supervises, and manages all aspects of the Department of the Air Force (DAF) Equal Opportunity (EO) Program which implements both the military equal opportunity (MEO) program and civilian equal employment opportunity (EEO) complaint program. Conducts administrative functions to support the DAF EO program. Related DoD Occupational Subgroup: 150100.

2. **Duties and Responsibilities:**
2.1. Serves as a subject matter expert and advisor to commanders (and civilian equivalents) and other stakeholders in implementing DAFI 36-2710, *Equal Opportunity Program,* and applicable laws, regulations, executive orders, directives, and DoD and DAF policies that affect the DAF EO Program. Advises appropriate level commanders (and civilian equivalents) on EO-related issues that could negatively affect an Airman's or Guardian's behavior, health and wellness, duty performance, or mission readiness, ensuring appropriate and timely intervention as needed.
2.2. Manages the budget, manpower, and resources for their respective installation EO offices. Ensures that all requirements with legal implications are priority funded before everything else.
2.3. Maintains and safeguards all EEO and MEO complaint documentation to ensure compliance with the Privacy Act of 1974, the Freedom of Information Act, and other applicable laws and regulations.
2.4. Complies with data calls, requests for information, and other-directed tasks to support statutory and policy reporting requirements, congressional inquiries, audits and reviews, and DoD and DAF senior leader inquiries within the DAF EO Program purview.
2.5. Conducts EO outreach efforts (e.g., Out and Abouts), observations, focus groups, interviews, and other activities on EO-related matters. Promotes the DAF EO Program to senior leaders and all Airmen and Guardians (military and civilian) and ensuring the installation workforce receives adequate information on the availability of EEO and MEO complaint programs and to qualified trained EO practitioners.
2.6. Ensures prompt and thorough processing of EEO and MEO complaints while ensuring that reasonable effort is made to resolve complaints at the lowest possible level at the earliest possible time in accordance with applicable laws, regulations, and policies. This includes ensuring appropriate coordination, documentation, and notification of all EEO and MEO complaint processing activities are conducted by EO office and EO practitioners.
2.7. Participates on the installation Community Action Team (CAT), Community Action Board (CAB), and serves as an EO liaison on working groups, advisory councils, integrated product teams, and other forums to represent the EO Program and ensuring the EO perspective is integrated into broader initiatives.
2.8. Collaborates with the integrated primary prevention workforce and other CAT members to support integrated prevention plans and activities where issues and topics are within the DAF EO purview.
2.9. Conducts all required EO trainings using standardized DAF EO training materials (e.g., curricula, lesson plans, etc.).
2.10. Conducts or assists in equal opportunity and treatment incidents (EOTI), installation equal opportunity assessment summaries (IEOAS), institutional discrimination allegations, Management Internal Control Toolset (MICT) Self-Assessment Checklists (SAC), EEOC 462 Report, and other requirements.
2.11. Enters into and ensures all EEO and MEO complaint data is accurately entered into the [Department of] the Air Force Equal Opportunity Network (AF EONet) system within three duty days of receipt, meeting established timelines while maintaining data integrity. This includes ensuring all data are accurate, complete, thorough, up-to-date, timely, and appropriately formatted to comply with laws, regulations, and policies. Ensures NDR Program, and other relevant DAF EO activities (e.g., general assistance, contacts, referrals) data is maintained and updated in the AF EONet.
2.12. Advocates for and makes available the Negotiated Dispute Resolution (NDR) Program to Airmen and Guardians (military and civilians) for alternative dispute resolution (ADR). If serving as a NDR Program Manager or in coordination with the NDR Program Manager or NDR practitioner, acts to resolve disputes and provides NDR Program services in per DAFI 51-1201, Negotiation and Dispute Resolution Program.
2.13. Advises military and civilian complainants and aggrieved individuals on the EO complaint processes and NDR Program and makes appropriate referrals in an effort to seek a reasonable resolution of all complaint matters at the lowest possible level at the earliest possible time.
2.14. For additional guidance on the roles and responsibilities in executing EO duties, please refer to DAFI 36-2710, Equal Opportunity Program.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of laws, principles, policies, and procedures for administering Air Force EO programs; regulations and procedures of other government and civilian agencies administering and providing services to prevent and eliminate equal

opportunity/human relations issues; EO education and instruction programs; interviewing and counseling techniques; alternate dispute resolution techniques and preparing and maintaining military and civilian personnel case files and records.
3.2. Education. Completion of college courses in English, social science, psychology, sociology, human resources and behavior, organizational development, and speech are desirable.
3.3. Training. For award of AFSC 3F431, completion of the initial skills training courses: Defense Equal Opportunity Management Institute (DEMOI) Equal Opportunity Advisor Course, DEOMI Equal Employment Opportunity (EEO) Mediation Course, and DEMOI EEO Professional 'Entry' Course are Mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 3F471. Qualification in and possession of AFSC 3F431. Also, experience performing or supervising functions such as organizing and administering EO programs and instructing on EO and human relations issues.
3.4.2. Upon serving three years in AFSC 3F471, apply for SEI 1ZX.
3.4.3. 3F491. Qualification in and possession of AFSC 3F471. Also, experience managing equal opportunity programs. Also, completion of the DEOMI EEO Professional 'Intermediate' Course and the DEOMI EEO Professional 'Advanced' Course (N/A for ARC personnel).
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Must complete 15 duty-day observation period with the local EO office Note: (The ANG will complete interviews with EO directors, to include verifying references, and complete 4 RSD/UTA observation period). IAW DAFI 36-2710, *Equal Opportunity Program.*
3.5.1.2. Written recommendation from the unit commander.
3.5.1.3. AF Career Field Manager approval for retraining (not applicable to AFR; ANG Career Field Manager for ANG personnel and EO Program Manager for AFRC personnel).
3.5.1.4. Minimum grade E-5 or E-5 select with less than 12 years of total military service. (ANG minimum grade E-5 or E-5 select with no more than 16 years of service). Must be qualified in primary Air Force Specialty Code and possess the appropriate skill level commensurate with grade/rank.
3.5.1.5. Ability to speak distinctly and communicate, both written and verbal, with others.
3.5.1.6. Outstanding appearance, high moral standards, and exceptional military bearing and conduct.
3.5.1.7. See attachment 4 for additional entry requirements.
3.5.2. For entry, award, and retention of AFSCs 3F431/71/91/00:
3.5.2.1. No record of substantiated equal opportunity issues or violations, substandard performance, or significant record of emotional instability, personality disorder, or other unresolved mental health concerns that may result in the impairment of the EO duty function or risk to the mission.
3.5.2.2. No non-judicial punishment or administrative action (Article 15, Letter of Reprimand (LOR), Letter of Admonishment (LOA), Letter of Counseling (LOC), or Record of Individual Counseling) based on sexual assault, sexual harassment, physical abuse, or unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships*, or documented failures (LOR or Article 15) to exercise sound leadership principles with respect to morale or welfare of subordinates or peers.
3.5.2.3. No record of disciplinary action (Letter of Reprimand [LOR] or Article 15) for committing acts of misconduct or engaging in inappropriate social media posting or activity (i.e., CUI, Privacy Act, or sensitive information) as defined in AFI 35-101, *Public Affairs Operations*, or documented failures (LOR, or Article 15) to exercise sound judgement with respect to proprietary, privacy, or personal rights of others.
3.5.2.4. No convictions by a civilian court except for minor traffic violations and similar infractions listed in AFI 36-2002, Enlisted Accessions.
3.5.2.5. No record of substance abuse, financial irresponsibility, domestic violence, sexual related offenses, or child abuse.
3.5.2.6. No convictions by court martial.
3.5.2.7. No record of nonjudicial punishment under the Uniform Code of Military Justice (UCMJ) which resulted in either reduction or suspended reduction in grade, or correctional custody.
3.5.2.8. No record of previous failure to graduate from a formal EO training course.
3.5.2.9. If AFSC 3F4X1 was previously withdrawn for any reason and if the member requests reinstatement, submit complete details to the EO Career Field Manager for review and decision IAW DAFMAN 36-2100
3.5.2.10. Must maintain minimum grade of E-5.
3.5.2.11. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

CEM Code 3G000
AFSC 3G091, Superintendent
AFSC 3G071, Craftsman
AFSC 3G051, Journeyman
AFSC 3G031, Apprentice
AFSC 3G011, Helper

TALENT ACQUISITION
(Established 30 Apr 25)

1. **Specialty Summary**. Organizes and conducts programs to recruit sufficient personnel to satisfy the requirements of the United States Air Force. Related DoD Occupational Subgroup: 150100.

2. **Duties and Responsibilities:**
2.1. Conducts and manages recruiting programs. Responsible for interviewing, screening, testing, and evaluating applicants from various sources to achieve recruiting goals. Develops information sources such as employment agencies, driver's license and job market lists, high school and college student lists, and separation reports, in securing names of potential prospects for enlistment and commissioning. Makes oral and film presentations to high school and college classes to establish contact with prospects. Maintains informational records to enable follow-up contacts with prospective applicants. Prepares enlistment and commissioning case files on personnel who are enlisting or applying for a commission in the United States Air Force. Informs interested persons of military obligations, officer and airman career structure, educational and training opportunities and other military benefits and entitlements.
2.2. Provides marketing support to assigned recruiters. Develops marketing information sources such as employment agencies, driver's license and job advertise lists, high school and college student lists and separation reports, in securing names of potential prospects for active duty enlistment, commissioning and the Air Force Reserve Officer Training Corps. Plans and conducts recruiter training to include specialty marketing equipment and hands-on television and radio station spots. Conducts training and evaluates recruiters' oral and film presentations to target audiences at high school and college campuses. Assists the operations flight commander in the management of the advertising and community relations budget.
2.3. Develops and oversees publicity programs. Plans, directs, and evaluates sales promotional projects using media such as direct mail, press, radio, and television presentations. Writes, copy, and edits simple news stories and photograph captions. Prepares and monitors enlisted accessions recruiters' presentations of Air Force orientations to civic, social, educational and student organizations.
2.4. Develops and oversees community relations programs. Plans, organizes, and provides support for recruiter special events such as state and municipal ceremonies, exhibits, fairs, parades, centennials, and sporting events. Develops Air Force media products to maintain liaison with media outlets, civic groups, and local organizations in support of recruiting objectives.
2.5. Performs MEPS liaison and production management duties. Ensures proper coordination between the Air Force and MEPS commander and proper scheduling of Air Force applicants to the MEPS is accomplished. Assists in obtaining the initial classification for Air Force applicants. Coordinates on recruiting operational matters and interprets recruiting directives for assigned units. Runs reports, conducts data analytics, and reports key production indicators to leadership.

3. **Special Duty Qualifications:**
3.1. Knowledge. Understanding of the organization, mission, and accession policies of the United States Air Force is mandatory.
3.2. Education. For entry into this specialty, completion of high school or general educational equivalency is mandatory.
3.3. Training.
3.3.1. 3G011. Completion of the Basic Recruiting Course is mandatory. (All current Total Force Airmen with an awarded 8R SDI meet initial training requirements)
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 3G031. Successful completion of 8R000 recruiting tour. (Completion of Total Force Basic Recruiting Course, Lackland AFB)
3.4.2. 3G051. Qualification in and possession of AFSC 3G031. Also, 6 months in AFSC 3G031(All 8R SDIs with more than 6 months will be awarded 3G051)
3.4.3. 3G071. Qualification in and possession of AFSC 3G051. Also, completion of Flight Chief Course (Does not apply to the Air National Guard)
3.4.4. 3G091. Qualification in and possession of AFSC 3G071. Also, successful completion of Flight Chief tour. (Does not apply to the Air National Guard)
3.4.5. 3G000. Qualification in and possession of AFSC 3G091. (Does not apply to 8R SDIs E8 and E9s)

3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Must be qualified in a valid Air Force Specialty Code (AFSC) and possess the appropriate skill level commensurate with grade/rank. (Does not apply to 8R SDIs that have been downgraded due to DAFMAN36-2100 Table 2.15)
3.5.1.2. Must have a passing and current Fitness Assessment.
3.5.1.3. Must be in the grade of E-5 (Staff Sergeant) through E-7 (Master Sergeant). (Does not apply to Air National Guard)
3.5.1.4. Outstanding in appearance, military bearing, professional military image, and conduct both on/off duty.
3.5.1.5. Demonstrate the maturity and ability to operate in autonomous environments, without direct day to day supervision.

3.5.1.6. See attachment 4 for additional mandatory entry requirements.
3.5.2. For entry, award, and retention of this specialty:
3.5.2.1. No history of emotional instability, personality disorder, or other unresolved mental health problems.
3.5.2.2. No record of alcohol or substance abuse, financial irresponsibility, domestic violence, or child abuse.
3.5.2.3. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, Ground Transportation.
3.5.2.4. No record of disciplinary action (Letter of Reprimand [LOR] or Article 15) for committing acts of malpractice or misconduct as defined in AFI 36-2909, *Professional and Unprofessional Relationships*, or documented failures (LOR or Article 15) to exercise sound leadership principles with respect to morale or welfare of subordinates.
3.5.2.5. Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, *Computer Security.*

HISTORIAN CAREER FIELD (3H)
Introduction
(Changed 31 Oct 16, Effective 8 Feb 16)

The Historian Career Field encompasses activities to document the official record of Air Force activities and operations. Historian personnel are involved in researching, writing, editing, and organizing historical data; maintaining historical files and repositories; conducting interviews; historical studies; documenting important deliberations and decisions; and deploying to meet operational contingency and wartime requirements to document significant events and submit historical reports.

CEM Code, 3H000
AFSC 3H091, Superintendent
AFSC 3H071, Craftsman
AFSC 3H051, Journeyman
AFSC 3H031, Apprentice
AFSC 3H011, Helper

HISTORIAN

(Changed 31 Oct 16, Effective 8 Feb 16)

1. **Specialty Summary**. Performs and manages historical activities, programs, and functions. Provides historical research and reference services. Performs research, interviews personnel, and prepares analytical historical publications. Assembles and maintains historical document repositories for reference and research. Related DoD Occupational Subgroup: 157000.

2. **Duties and Responsibilities:**
2.1. Performs historical research. Reviews electronic and paper unit files and records. Systematically collects and organizes historical data from correspondence, email, messages, staff studies, background papers, reports, plans, meeting minutes, and other source documents. Attends meetings and briefings to document important deliberations and decisions. Interviews key unit personnel for unique knowledge and insights.
2.2. Writes periodic history reports capturing the official record of unit activities and operations in peacetime and war.
2.3. Deploys to support wartime operational taskings. Assembles and maintains deployment equipment and kit. Participates in unit readiness exercises. Deploys to meet contingency requirements, conduct research, secure significant documentation, and prepare contingency historical reports.
2.4. Prepares historical publications, including studies, papers, and monographs. Determines topics of special interest or importance. Evaluates data for accuracy, objectivity, and pertinence. Writes well organized, fully documented, analytical narratives. Prepares charts, tables, graphs, and statistical summaries of significant information. Uses selected photographs and media to support narrative. Selects, reproduces, and assembles supporting documents. Places proper derivative security markings, downgrading instructions, and administrative caveats on products.
2.5. Provides historical research and reference services. Receives and assigns priority to historical information queries. Uses reference materials, unit knowledge, and research experience to answer queries. Provides historical information.
2.6. Plans, organizes, and manages history activities. Drafts revisions, supplements, and annexes for directives. Coordinates involvement in contingency and wartime operations, and readiness exercises. Develops and implements procedures for preparing historical publications.
2.7. Manages subordinate unit history programs. Conducts periodic visits to assess compliance with policies and directives. Discusses findings and recommends corrective action. Conducts quality assessments of historical products, and rates content, supporting documents, and compliance with security and administrative directives.
2.8. Maintains historical document repository. Collects, organizes, and indexes historical reference and research publications and documents.
2.9. Manages historian functions and activities. Advises on historical and museum program matters. Identifies, plans, and maintains facility, equipment, security, and supply requirements. Maintains publications, and administrative and historical files.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: Air Force history, organization, functions, and terminology; English composition and grammar; interviewing techniques; contingency and wartime operational planning; historiography methods and procedures; USAF history and museum program directives; computer systems and word processing, spreadsheet, and database applications; and historical repositories and reference services.
3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Completion of college-level courses in history, English, speech, statistics, technical writing, and political science is desirable.
3.3. Training. The following formal training is mandatory for award of the AFSC indicated:
3.3.1. 3H031. Completion of the Historian Apprentice Course.
3.3.2. 3H051. Completion of the Historian Journeyman Course.
3.3.3. 3H071. Completion of the Historian Craftsman Course.
3.3.4. 3H091. Completion of the History Instructor and History of Airpower Courses.
3.4. Experience. The following experience is mandatory for award of AFSC indicated:
3.4.1. 3H091. Qualification in and possession of AFSC 3H071. Also, experience documenting wartime or contingency operations, developing training, mentoring subordinates, and directing and managing historical programs.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Prior qualification in any AFSC at the 5-skill level or higher (3-skill level if no 5-skill level exists).
3.5.1.2. Overall EPR rating of “4” or “5”and/or have “Exceeded some, but not all expectations” and/or “Exceeded most, if not all expectations” on the last three performance reports.

3.5.1.3. Outstanding military bearing and conduct.
3.5.1.4. No previous convictions by courts-martial; punishment under the provisions of Article 15, UCMJ in the previous 6 years; or convictions by a civilian court except for minor traffic violations and similar infractions listed in AFI 36-2002, Regular Air Force and Special Category Accessions.
3.5.1.5. Ability to communicate effectively in writing.
3.5.1.6. Ability to type 25 words per minute.
3.5.1.7. Ability to speak clearly and distinctly.
3.5.1.8. Commander's recommendation following a face-to-face interview.
3.5.1.9. See attachment 4 for additional entry requirements.
3.5.2. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environments. For award and retention of AFSCs 3H0XX, completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
***NOTE**:* Award of the entry level without a completed T5 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405 and T5 is submitted within 90 calendar days of award.
3.5.3. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

PUBLIC AFFAIRS CAREER FIELD (3N)

Introduction

(Changed 31 Oct 20)

The Public Affairs Career Field serves the United States Air Force by providing professional, trained communication practitioners to leaders and managers for planning, training, executing, and reporting. It encompasses the total spectrum of the Air Forces human communication activities, including the (3N0) Public Affairs and (3N1) Band career fields. All print and electronic communication media are used along with interpersonal communication techniques. The functions involve community engagement, graphics, media operations, music, photo, print, radio, television, and video. They are designed to facilitate communication flow between the Air Force and the general public, as well as active duty Air Force members and their families, Reserve components, and civilian employees.

CEM Code 3N000
AFSC 3N090, Superintendent

PUBLIC AFFAIRS
(Changed 30 Apr 25)

1. **Specialty Summary**. Manages public affairs programs. Related DoD Occupational Subgroup: 157000.

2. **Duties and Responsibilities:**
2.1. Coordinates public affairs functions with other base, command, Air Force, DoD, and non-DoD agencies. Advises commanders and their staffs on the public affairs implications of plans, policies, and programs. Provides Public Affairs inputs to operational plans.
2.2. Oversees procedures used in collecting, evaluating, and disseminating news and information. Evaluates effectiveness of public affairs programs. Monitors and ensures compliance with applicable DoD, Air Force, MAJCOM, and local public affairs policy.
2.3. Directs photographic, graphic arts, video documentation, broadcasting, and quality assurance activities. Assigns projects, controls performance, and ensures compliance with federal law, established policies, directives, and practices.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of PA management functions; communication theory and planning; mission and structure of DoD and Air Force PA, multimedia and broadcast agencies and policy directives and instructions concerning the management and release of information and digital images; and deliberate and contingency planning functions.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 3N090, qualification in and possession of AFSC 3N076 is mandatory. Experience is mandatory in directing PA, multimedia, or broadcasting functions.
3.5. Other. The following are mandatory as indicated.
3.5.1. For entry, award, and retention AFSCs 3N090/00:
3.5.1.1. The absence of any speech impediment and the ability to read aloud and speak clearly and distinctly.
3.5.1.2. Normal color vision is required for this AFSC as defined by AFI 48-123, *Medical Examinations and Standards*.
3.5.1.3. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments. For award and retention of AFSCs 3N090/3N000, National Agency Check, Local Agency Checks and Credit (NACLC) required IAW DoDM 5200.02, AFMAN 16 - 1405, *Air Force Personnel Security Program,* is mandatory.
3.5.1.4. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.
3.5.2. For award and retention of AFSCs 3N090/00, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 3N076, Craftsman
AFSC 3N056, Journeyman
AFSC 3N036, Apprentice
AFSC 3N016, Helper

PUBLIC AFFAIRS
(Changed 30 Apr 2025)

1. **Specialty Summary.** Plans, organizes, coordinates, and conducts command information, community engagement, and media operations activities. Engages in digital and print photojournalism, to include photographing, writing, editing, and managing content for base websites and other social media platforms, periodicals, guides, pamphlets, and fact sheets. Provides operational war fighting documentation, supports Air Force [or DOD] communication efforts by preparing material for use by internal and external audiences, and conducts broadcast, production operations and graphic illustrations. Captures, stores, enhances, crops, captions, prints, or transmits audio, video, and still imagery through secure and unsecure systems. Prepares and releases news for internal audiences and media, arranges and conducts tours, and other community engagement activities. Documents visual history of the Air Force mission. Related DoD Occupational Subgroups: 140000 and 157000.

2. **Duties and Responsibilities:**
2.1. Prepares, edits, and distributes public affairs program material. Determines best medium and message content to reach key audiences. Advises commanders at all levels and their staffs on the internal, media operations, and community engagement implications of plans, policies, and programs. Applies communication theory and techniques to public affairs activities for most effective resource use.
2.2. Prepares and releases news and imagery for internal and public audiences. Establishes procedures for collecting, evaluating, and distributing products. Conducts research and interviews subject matter experts. Photographs, writes, and edits news, features, editorials, captions, and other types of copy. Reviews material for compliance with local and Air Force policy and operational security.
2.3. Supervises or directs documentation, broadcast, and production functions. Manages resources to support Air Force public affairs plans and programs. Coordinates messages and themes for use by internal and external audiences.
2.4. Determines equipment requirements, researches subject matter, and establishes shooting outlines. Performs operational equipment checks and preventative maintenance. Assists in selecting shooting locations. Determines camera angles, lighting, and special effects. Operates camera, lighting, microphones, and related equipment. Acquires data for captions, background material, cover stories, and logs. Ensures proper slating and identification.
2.5. Prepares photographic assignments. Coordinates with customers. Acquires imagery in controlled, uncontrolled, and combat environments. Applies principles of photographic composition. Conceives, visualizes, and produces images. Accomplishes combat documentation, investigative, informational, editorial, and other photography. Obtains data, writes captions, and cover stories. Selects and crops pictures for layouts and picture stories. Performs digital photographic acquisition processing and printing. Selects, inspects, and tests camera, and digital photographic processing systems. Determines and uses appropriate camera, lens, filters, lighting, and accessory equipment. Obtains optimum exposures using various meters, electronic flash, and exposure control methods. Uses light intensifier tubes (night vision). Operates communications equipment to transmit, receive, and archive images, in garrison and under field conditions. Complies with copyright, reproduction, and alteration restrictions.
2.6. Performs investigative/forensic video documentation to include legal, safety, medical, and criminal requirements. Responds to natural disasters and incidents such as vehicle accidents, aircraft mishaps, suicides, homicides, domestic abuse, and sexual assault. Performs medical documentation, to include autopsies, and surgical procedures. Coordinates with medical staff to perform clinical and surgical micro and macro photography using specialized photographic cameras and lighting equipment.
2.7. Performs historical documentation. Maintains archive library and ensures appropriate accessioning of media.
2.8. Performs ground and aerial video documentation to include combat and non-combat operations.
2.9. Conducts aerial photo and video documentation and coordinates with aircraft commander to ensure proper aircraft positioning and maneuvering. Determines techniques to be used in aerial documentation. Supports scientific analysis, test documentation, and aerial documentation requirements.
2.10. Produces news and information products to support mission requirements. Develops scripts, graphics, special effects, and audio/video material. Prepares and schedules program elements and products for distribution.
2.11. Programs, directs, and hosts radio and television broadcasts. Reviews program materials for sensitivities before airing. Coordinates receipt and disposition of program materials. Operates radio and television broadcast equipment. Arranges remote broadcast coverage of special events.
2.12. Conducts media operations. Maintains liaison with media. Receives queries for news media, researches and obtains information, coordinates answers, and provides response to news media. Establishes personal contact with local and regional news media. Receives visiting news media, makes arrangements for interviews, provides briefings, and escorts media representatives. Assists with news conferences and establishes and operates media center for contingency operations. Prepares and disseminates current imagery to media outlets. Supports Joint Hometown News Service.
2.13. Conducts crisis communication. Writes and maintains accident and other contingency plans. Responds to accidents and incidents.
2.14. Conducts community engagement activities. Maintains liaison with local and regional government and civic leaders. Develops promotional material on military events of interest to surrounding civilian communities. Prepares material for presentation to civic groups and arranges for and assists military speakers. Plans base tours, orientations, and open houses for local community members.

2.15. Conducts quality review on all public affairs products prior to release. Continuously collects, measures, and analyzes communication program effectiveness.
2.16. Documents joint operations, exercises, and contingencies for internal and external use. Provides leadership with decision-making tools. Photographs under austere conditions day and night, in any weather condition. Records real-time historic events globally.
2.17. Performs studio operations. Arranges studio lighting, backdrops, and determines subject placement. Captures full-length and portraiture imagery.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: basic communication theory; regulations, directives, and policies governing concerning release of information; Public Affairs, American Forces Network, and Combat Camera activities; research methods; interview techniques; broadcast journalism; broadcast equipment capabilities including video camera operations, video editing systems, audio, lighting, and studio equipment; principles of video framing, compositions, visualization, storytelling, and audio and video editing; video production and documentation of military events and features; methods of researching public attitudes; community engagement practices; composition, grammar, and spelling; news writing and editing; layout and design; photographic theory, aesthetics, and technology; camera operation and imagery production systems; characteristics of digital light sensors; color correction; exposure and processing effects; imagery evaluation; digital image noise and resolution; community engagement techniques and practices.
3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Courses in creative arts and communications are advantageous.
3.3. Training. The following formal training is mandatory for award of the AFSC indicated:
3.3.1. 3N036. Completion of the Mass Communication Foundations Course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 3N056. Qualification in and possession of AFSC 3N036. Experience supervising and performing Public Affairs functions.
3.4.2. 3N076. Qualification in and possession of AFSC 3N056. Experience managing and directing Public Affairs functions.
3.5. Other. The following is mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For entry, award, and retention of these AFSCs:
3.5.2.1. Absence of any speech impediment, and ability to read aloud and speak distinctly.
3.5.2.2. The Career Field Manager will consider waivers for E in the PULHES area with a value greater than 1. Waivers exceeding mandatory AFSC requirements will be considered on a case-by-case basis by the CFM.
3.5.2.3. Specialty requires routine access to Secret material or similar environment. For award and retention of AFSCs 3N0X6, completion of a current National Agency Check, Local Agency Checks and Credit (NACLC) IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program*.
NOTE: Award of the 3-skill level without a completed NACLC is authorized provided an interim Secret clearance has been granted according to AFMAN 16-1405, *Air Force Personnel Security Program.*
3.5.2.4. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.
3.5.3. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*

CEM Code 3N100
AFSC 3N191, Superintendent
AFSC 3N171*, Craftsman
AFSC 3N151*, Journeyman
AFSC 3N131*, Apprentice
AFSC 3N111*, Helper

REGIONAL BAND
(Changed 30 Apr 23)

1. **Specialty Summary.** Manages, supervises, and performs as an instrumentalist, music arranger, vocalist, or audio engineer in Air Force regional band activities. Related DoD Occupational Subgroup: 145000.

2. **Duties and Responsibilities:**
2.1. Instrumentalists perform on one or more musical instruments in a variety of musical performing units to include (but not limited to): marching band, concert band, jazz band, popular music ensemble, quintet, quartet, or soloist. Arrangers adapt music into customized musical arrangements and create original music for various musical ensembles. Vocalists read, sing, and memorize vocal parts for public performance. Vocalists perform in a variety of musical performing units to include (but not limited to): chorus, popular musical ensemble, jazz band, country band, quartet, and soloist. Audio Engineers operate and maintain audio reinforcement, recording, lighting, video, and multimedia equipment used during rehearsals and performances. All members of this career field drill with the marching band and execute commands based on drum major verbal or non-verbal direction while playing and carrying a musical instrument. All members perform under conductor, NCOIC, section leader or drum major direction.
2.2. Plans, organizes, directs, inspects, and performs band activities. Members analyze musical requirements and provide appropriate musical support. Members plan, schedule, and coordinate rehearsals, ceremonies, master classes, and performances. Members advise higher authority on band status, equipment maintenance and requirements, personnel training, and operational efficiency. Members manage and/or perform other duties in unit support functions such as Operations, Readiness, Administrative Support, Publicity, and Resources.

3. **Specialty Qualifications:**
3.1. Knowledge. The following knowledge is mandatory as indicated:
3.1.1. For entry into this specialty, knowledge will be demonstrated to a band commander or designate through a mandatory standardized audition process. Task qualification levels and audition requirements are specified in the 3N1CFETP.
3.1.2. For instrumentalists: instrumental solo and ensemble performance techniques, music theory, rehearsal techniques, and the ability to read printed music.
3.1.3. For vocalists: vocal solo and ensemble performance techniques, music theory, rehearsal techniques, the ability to read printed music, and the ability to sing in a foreign language.
3.1.4. For arrangers: music theory, transposition, capabilities of instruments authorized for Air Force bands, and the ability to arrange and compose music using industry standard software.
3.1.5. For audio engineers: sound reinforcement and recording theory and application, lighting, video, and multimedia technology.
3.2. Education.
3.2.1. For entry into all specialty shredouts, completion of high school or general educational development equivalency is mandatory.
3.2.2. For entry into this specialty as an instrumentalist, vocalist or arranger, course in applied instrumental or vocal music, composition, music theory, music history, harmony, ear training, and/or transposition of music are desirable.
3.2.3. For entry in this specialty as an audio engineer, course in sound reinforcement, electronics, recording techniques and/or music editing are desirable.
3.3. Training.
3.3.1. For award of the 3-skill level, completion of Basic Military Training as a member of the Drum and Bugle Corps flight, or completion of the Prior Sister Service Course is required. Standardized audition fulfills all other 3-level requirements.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated.
3.4.1. 3N151X. Qualification in and possession of AFSC 3N131X. Experience performing as an instrumentalist, music arranger, vocalist, or audio and lighting engineer, as well as experience performing other band activities.
3.4.2. 3N171X. Qualification in and possession of AFSC 3N151X. Experience performing as an instrumentalist, music arranger, vocalist, or audio and lighting engineer, as well as experience performing other band activities. Also, experience supervising and performing with band, choruses, or similar groups.
3.4.3. 3N191. Qualification in and possession of AFSC 3N171X. Experience directing and planning functions such as providing musical services, training musical groups, and performing administrative functions. Also, experience supervising and performing with bands, choruses, or similar groups.
3.4.4. 3N100. Qualification in and possession of 3N191 AFSC. Experience in managing and directing band and administrative functions.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into suffixes A-V, pre-qualification via standardized audition process is mandatory. Use 3N1/2 CFETP as reference.

3.5.2. For entry into suffix Z, pre-qualification via standardized audition process in one of the musical instruments/specialties listed in paragraph 4 is mandatory. For award of the 3-level in suffix Z, follow-on training as outlined in 3N1/2 CFETP and AFI 35-110 is mandatory.
3.5.3. See attachment 4 for entry requirements.
3.5.4. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

4. ***Specialty Shredouts:**

Suffix	*Portion of AFS to Which Related*
A	Clarinet
B	Saxophone
C	Bassoon
D	Oboe
E	Flute
F	Horn
G	Trumpet
H	Euphonium
J	Trombone
K	Tuba

Suffix	*Portion of AFS to Which Related*
L	Percussion
M	Piano
N	Guitar
P	Arranger
Q	Jazz Trumpet
R	Vocalist
S	String/Electric Bass
U	Drum Set
V	Audio Engineer
Z	Instrumentalist, General (Air National Guard Bands)

CEM Code 3N200
AFSC 3N291, Superintendent
AFSC 3N271, Craftsman
AFSC 3N251, Journeyman

PREMIER BAND – THE USAF BAND
(Changed 30 Apr 20)

1. **Specialty Summary.** Manages, supervises, and performs as an instrumentalist, music arranger, vocalist, librarian, or audio engineer, or other specialty as determined by the commander, in The United States Air Force Band. Related DoD Occupational Subgroup: 145000.

2. **Duties and Responsibilities:**
2.1. Instrumentalists perform on one or more musical instruments in a variety of musical performing units to include (but not limited to): marching band, concert band, jazz band, popular music ensemble, string ensemble, quintet, quartet, or soloist. Arrangers adapt music into customized musical arrangements and create original music for various musical ensembles. Vocalists read, sing, and memorize vocal parts for public performance. Vocalists perform in a variety of musical performing units to include (but not limited to): chorus, popular musical ensemble, jazz band, country band, quartet, and soloist. Librarians manage print and digital music. Audio Engineers operate and maintain audio reinforcement, recording, lighting, video, and multimedia equipment used during rehearsals and performances. Some members of this career field drill with the marching band and execute commands based on drum major verbal or non- verbal direction while playing and carrying a musical instrument. All members perform under conductor, NCOIC, section leader or drum major direction.
2.2. Plans, organizes, directs, inspects, and performs band activities. Members analyze musical requirements and provide appropriate musical support. Members plan, schedule, and coordinate rehearsals, ceremonies, master classes, and performances. Members advise higher authority on band status, equipment maintenance and requirements, personnel training, and operational efficiency. Members manage and/or perform other duties in support functions such as Operations, Readiness, Administrative Support, Publicity, and Resources.

3. **Specialty Qualifications:**
3.1. Knowledge. The following knowledge is mandatory as indicated:
3.1.1. For entry into this specialty, knowledge will be demonstrated to a premier band commander or designate through a standardized audition process. Commander will determine task qualification level and may tailor requirements to suit local needs.
3.1.2. For instrumentalist: instrumental solo and ensemble performance techniques, music theory, rehearsal techniques, and the ability to read printed music.
3.1.3. For vocalist: vocal solo and ensemble performance techniques, music theory, rehearsal techniques, the ability to read printed music, and the ability to sing in a foreign language.
3.1.4. For librarians: library science and the ability to read printed music.
3.1.5. For arrangers: music theory, transposition, capabilities of instruments authorized for Air Force bands, and the ability to arrange and compose music using industry standard software.
3.1.6. For audio engineers: sound reinforcement theory and application, lighting, video, and multimedia technology.
3.2. Education.
3.2.1. For entry into this specialty, completion of high school or general educational development equivalency is mandatory.
3.2.2. For entry into this specialty as an instrumentalist, vocalist or arranger, courses in applied instrumental or vocal music, composition, music theory, music history, harmony, ear training, and/or transposition of music are desirable.
3.2.3. For entry into this specialty as a librarian, courses in music history and library sciences are desirable.
3.2.4. For entry into this specialty as an audio engineer, course in sound reinforcement, electronics, recording techniques, and/or music editing are desirable.
3.3. Training.
3.3.1. For award of the 7-skill level, completion of Basic Military Training as a member of the Drum and Bugle Corps flight or completion of the Prior Sister Service Course is required.
3.4. Experience. The following experience is mandatory for award of AFSC indicated:
3.4.1. 3N251. This AFSC is not used except under extraordinary circumstance such as, but not limited to, demotion. Consult with CFM prior to award.
3.4.2. 3N271. Pre-qualification via standardized audition process and assignment to The United States Air Force Band. Pre-qualification demonstrates experience performing as an instrumentalist, music arranger, vocalist, or audio engineer.
3.4.3. 3N291. Qualification in and possession of AFSC 3N271. Experience directing and planning band activities such as providing musical services, training musical groups, and performing administrative functions. Also, experience supervising and performing with bands, choruses, or similar groups.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Pre-qualification via standardized audition.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

3.5.3. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments. For award and retention of AFSCs 3N2XX, completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Award of the 7-skill level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

CEM Code 3N300
AFSC 3N391, Superintendent
AFSC 3N371, Craftsman
AFSC 3N351, Journeyman

PREMIER BAND – THE USAF ACADEMY BAND
(Established 30 Apr 20)

1. **Specialty Summary.** Manages, supervises, and performs as an instrumentalist, music arranger, vocalist, or audio engineer, or other specialty as determined by the commander, in The United States Air Force Academy Band. Related DoD Occupational Subgroup: 145000.

2. **Duties and Responsibilities:**
2.1. Instrumentalists perform on one or more musical instruments in a variety of musical performing units to include (but not limited to): marching band, concert band, jazz band, popular music and/or country ensemble, quintet, quartet, or soloist. Arrangers adapt music into customized musical arrangements and create original music for various musical ensembles. Vocalists read, sing, and memorize vocal parts for public performance. Vocalists perform in a variety of musical performing units to include (but not limited to): chorus, popular musical ensemble, jazz band, country band, quartet, and soloist. Librarians manage print and digital music. Audio Engineers operate and maintain audio reinforcement, recording, lighting, video, and multimedia equipment used during rehearsals and performances. Some members of this career field drill with the marching band and execute commands based on drum major verbal or non-verbal direction while playing and carrying a musical instrument. All members perform under conductor, NCOIC, section leader or drum major direction.
2.2. Plans, organizes, directs, inspects, and performs band activities. Members analyze musical requirements and provide appropriate musical support. Members plan, schedule, and coordinate rehearsals, ceremonies, master classes, and performances. Members advise higher authority on band status, equipment maintenance and requirements, personnel training, and operational efficiency. Members manage and/or perform other duties in unit support functions such as Operations, Readiness, Administrative Support, Publicity, and Resources.

3. **Specialty Qualifications:**
3.1. Knowledge. The following knowledge is mandatory as indicated:
3.1.1. For entry into this specialty, knowledge will be demonstrated to a premier band commander or designate through a standardized audition process. Commander will determine task qualification level and may tailor requirements to suit local needs.
3.1.2. For instrumentalists: instrumental solo and ensemble performance techniques, music theory, rehearsal techniques, and the ability to read printed music.
3.1.3. For vocalists: vocal solo and ensemble performance techniques, music theory, rehearsal techniques, the ability to read printed music, and the ability to sing in a foreign language.
3.1.4. For arrangers: music theory, transposition, capabilities of instruments authorized for Air Force bands, and the ability to arrange and compose music using industry standard software.
3.1.5. For audio engineers: sound reinforcement theory and application, lighting, video, and multimedia technology.
3.2. Education.
3.2.1. For entry into this specialty, completion of high school or general educational development equivalency is mandatory.
3.2.2. For entry into this specialty as an instrumentalist, vocalist or arranger, courses in applied instrumental or vocal music, composition, music theory, music history, harmony, ear training, and/or transposition of music are desirable.
3.2.3. For entry into this specialty as an audio engineer, courses in sound reinforcement, electronics, recording techniques, and/or music editing are desirable.
3.3. Training.
3.3.1. For award of the 7-skill level, completion of Basic Military Training as a member of the Drum and Bugle Corps flight or completion of the Prior Sister Service Course is required.
3.4. Experience. The following experience is mandatory for award of AFSC indicated:
3.4.1. 3N351. This AFSC is not used except under extraordinary circumstances such as, but not limited to, demotion. Consult with CFM prior to award.
3.4.2. 3N371. Pre-qualification via standardized audition process and assignment to The United States Air Force Academy Band. Pre-qualification demonstrates experience performing as an instrumentalist, music arranger, vocalist, or audio engineer.
3.4.3. 3N391. Qualification in and possession of AFSC 3N371. Experience directing and planning band activities such as providing musical services, training musical groups, and performing administrative functions. Also, experience supervising and performing with bands, choruses, or similar groups.
3.4.4. 3N300. Qualification in and possession of 3N391 AFSC. Experience in managing and directing band and administrative functions. Also, experience supervising and performing with bands, choruses, or similar groups.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Pre-qualification via standardized audition.
3.5.1.2. See attachment 4 for additional entry requirements.

3.5.2. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.3. For award and retention of 3N3XX: Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments. T3 eligibility is granted based upon the favorable adjudication of a national security background investigation is mandatory in accordance with DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program.*
NOTE: Award of the 7-skill level without a completed T3 is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02_AFMAN 16 -1405.

★SECURITY FORCES CAREER FIELD (3P)

Introduction

★Security Forces (SF) Career Field performs force protection duties. SF duties require the use of force, up to and including the use of deadly force. SF duties ensure combat capability through the functions of installation security, nuclear and conventional weapon systems and resources security, base defense, law enforcement, military working dog activities, and combat arms training and maintenance. Security Forces participate in contingency operations. Personnel in this career field will be deployed and employed in sensitive or hostile environments created by terrorism, sabotage, nuclear, chemical, biological, or conventional warfare. Security Force members perform the military police function within the Air Force.

CEM Code 3P000
AFSC 3P091, Superintendent
AFSC 3P071*, Craftsman
AFSC 3P051* Journeyman
AFSC 3P031* Apprentice
AFSC 3P011* Helper

★SECURITY FORCES
(Changed 31 Oct 25)

1. **Specialty Summary.** Leads, manages, supervises, and performs security force (SF) activities in direct support of two-thirds of the United States Nuclear Enterprise; weapon system and physical security; law and order; military working dog; combat arms and area security operations. Related DoD Occupational Subgroup: 107000.

2. ★**Duties and Responsibilities:**
2.1. ★Leads, manages, supervises, and performs force protection duties employing up to the use of deadly force to protect personnel and resources. Protects nuclear and conventional weapons systems and other critical resources. Performs base defense functions contributing to the force protection mission. Defends personnel, equipment, and resources from hostile forces throughout the base security zone of military installations. Operates in various field environments, performs mounted and dismounted individual and team patrol movements, tactical drills, battle procedures, convoys, military operations other than war, antiterrorism duties, and other special duties. Operates communications equipment, vehicles, intrusion detection equipment, individual and crew-served weapons, and other special purpose equipment. Applies self-aid buddy care and life saving procedures as first responders to accident and disaster scenes.
2.2. Provides armed response and controls entry to installations and protection level resources. Detects and reports presence of unauthorized personnel and activities and implements security reporting and alerting system. Enforces standards of conduct, discipline, and adherence to laws and directives. Directs vehicle and pedestrian traffic; investigates motor vehicle accidents, minor crimes, and incidents; and operates speed measuring, drug and alcohol, and breath test devices. Secures crime and incident scenes; apprehends and detains suspects; searches persons and property; and collects, seizes, and preserves evidence. Conducts interviews of witnesses and suspects and obtains statements and testifies in official judicial proceedings. Responds to disaster and relief operations and participates in contingencies.
2.3. Develops plans, policies, procedures, and detailed instructions to implement SF programs. Plans, organizes, and schedules SF activities and provides oversight, guidance, and assistance to commanders with the application of physical security and force protections in support of priority resources. Operates pass and registration activities and supervises and trains SF augmentees. Employs and utilizes the Incident Command System construct during emergency planning, response recovery operations. Inspects and evaluates effectiveness of SF personnel and activities.
2.4. Provides guidance on employment and utilization of military working dog teams. Ensures proficiency training and certification standards are maintained. Employs military working dogs to support worldwide security force operations and executive agency requirements to include nuclear, Presidential support, federal law enforcement and national strategic programs. Ensures health and welfare of military working dogs. Trains handlers and military working dogs on all aspects of military working dog training. Maintains dog training and usage records and is responsible for storage, handling, and security of drug and explosive training aids.
2.5. Leads, manages, supervises, and implements ground weapons training programs. Controls and safeguards arms, ammunition, and equipment and instructs ground weapons qualification training. Provides guidance on weapons placement to security forces and ground defense force commanders. Inspects ground weapons and replaces unserviceable parts and analyzes malfunctions by inspection and serviceability testing. Uses precision gauges, testing instruments, and special tools to adjust parts and operating mechanisms. Function-fires weapons for accuracy and serviceability. Controls and operates firing ranges and associated facilities to include supervising construction and rehabilitation.

3. ★**Specialty Qualifications:**
3.1. ★**Knowledge**. Knowledge is mandatory of: Weaponry, laws, directives, programs, policies, and procedures governing SF activities; installation security; weapon system and resource security; anti-terrorism; law enforcement and investigations; military working dogs; base defense; training; pass and registration; civilian work force; and combat arms.
3.2. ★**Education**. For entry into this specialty, completion of high school or General Equivalency Diploma.
3.3. ★**Training**. The following training is mandatory for award of the AFSC indicated in addition to successful completion of requirements listed in the Career Field Education and Training Plan:
3.3.1. ★3P031. Completion of the security forces (SF) Basic Defender course.
3.3.2. ★3P0X1A. Completion of the Military Working Dog Handler Course.
3.3.3. ★3P0X1B. Completion of the Combat Arms Training and Maintenance Basic Course.
3.4. **Experience**. The following experience (if listed) is mandatory for award of the AFSC indicated in addition to successful completion of applicable task requirements listed in the Career Field Education and Training Plan:
3.4.1. 3P051. Qualification in and possession of AFSC 3P031.
3.4.2. ★3P051A. Qualification in and possession of AFSC 3P031A, minimum of 1 (one) year time in skill level and completion of shred specific 5-level course.

3.4.3. ★3P051B. Qualification in and possession of AFSC 3P031B, minimum of 1 (one) year time in skill level, completion and possession of AFSC 3P051 and completion of shred specific 5-level course.
3.4.4. ★3P071. Qualification in and possession of AFSC 3P051. Completion of all SF Craftsman requirements listed in the Career Field Education and Training Plan. Also, experience supervising or performing functions such as weapon systems and resource security, base defense, or law enforcement.
3.4.5. ★3P071A. Qualification in and possession of AFSC 3P051BA and AFSC 3P071. Also, completion of 341st TRS Trainer course and completion of shred specific Kennel Master legacy course or the Military Working Dog Kennel Master (DL).
3.4.6. ★3P071B. Qualification in and possession of AFSC 3P051B and AFSC 3P071, minimum of 36-months' time in skill level, minimum grade of E-6 and completion of shred specific 7-level course.
3.4.7. ★3P091. Qualification in and possession of AFSC 3P071 and hold the rank of SMSgt. Also, experience in leading and directing SF activities.
3.5. Other. The following are mandatory as indicated:
3.5.1. **For entry into this specialty**:
3.5.1.1. Minimum color vision requirements, as defined by getting a 35 or better on the Cone Contrast Test (CCT) for red and green, or, correctly identifying at least 12 of 14 Ishihara Plates (PIP). (CCT should be primary testing choice, but PIP is acceptable if CCT is not available at testing site.)
3.5.1.2. ★Distance visual acuity correctable to 20/30.
3.5.1.3. No history of excessive alcohol use or been arrested in the past two years for two or more alcohol related incidents regardless of disposition, except when found not guilty.
3.5.1.4. Never been diagnosed with a severe substance use disorder by a certified medical provider.
3.5.1.5. Must not have used a substance (sniffing/huffing) to obtain an altered conscious state from aerosol spray, lighter fluid, petro chemical, adhesives, Freon, or any other chemical for a purpose not intended for use.
3.5.1.6. ★Must not have used/distributed/manufactured illicit narcotics as defined in schedule I/II, used a drug that can cause a flashback, or been arrested for narcotics in schedules I through V as listed in 21 USC §812. Excludes use of marijuana, hashish, or other cannabis-based products for entry unless that use resulted in the documentation of a use disorder by a credentialed medical provider.
3.5.1.7. ★Not have been terminated from civilian employment more than twice for reasons of misconduct, theft, or alcohol use within three years prior to entry into military service.
3.5.1.8. ★No evidence or history of civilian conviction, Letter of Reprimand, Article 15, or courts martial conviction of a Category 1, 2, or 3 offenses as described and listed in DAFMAN 36-2032, Military Recruiting and Accessions, Attachment 2 and Table A2.2.
3.5.1.9. ★Never failed (or failed to participate in) prescribed rehabilitation program or treatment regimen after being diagnosed by a certified medical provider with an alcohol use disorder.
3.5.1.10. ★Must not have a record of Self-Directed Violence or Self-Directed Violence-Preparatory or suicide attempts. If there is a record of self-directed violence, self-directed violence-preparatory, or suicide attempts with/without injury (as defined by the VA/DoD Clinical Practice Guideline for the Assessment and Management of Patients at Risk for Suicide and the Under Secretary of Defense's (USD) Memorandum on Standardization of Common Suicide-Related Definitions), the accession authority's final determination on entry/award will be informed by the opinion of a qualified Mental Health (MH) professional.
3.5.1.11. No record of sleep disorders to include, but not limited to, sleep apneas, insomnias, hypersomnias, narcolepsy, or restless leg syndrome.
3.5.1.12. Must not have current diagnosis of Attention Deficit Disorder/Attention Deficit Hyperactivity Disorder, or other perceptual or learning disorder. Must not have used medications to treat any such disorder for the last 12 months.
3.5.1.13. No history of any of the Bipolar and Related Disorders, Depressive Disorders, or Anxiety Disorders.
3.5.1.14. ★No diagnosis of fear of heights or confined spaces that impacts ability to complete duty requirements.
3.5.1.15. ★No speech disorder or noticeable communication deficiency as defined in DAFMAN 48-123, Medical Examinations and standards.
3.5.1.16. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Ground Transportation*.
3.5.1.17. ★No more than one active wage garnishment for delinquency.
3.5.1.18. ★No more than two delinquent charge off/collection (>= 30 days) payments within last two years.
3.5.1.19. No documented record of gang affiliation.
3.5.1.20. ★Must be willing to work around nuclear weapons and components, following all safety and security protocols. All nuclear security duties must be performed in accordance with regulations, regardless of personal beliefs on the role of nuclear weapons in our nation's strategic deterrent mission.
3.5.1.21. See attachment 4 for additional entry requirements.
3.5.2. For entry into 3P0X1A/B,
3.5.2.1. Qualification in and possession of AFSC 3P031 and meet 1 (one) year Time in Service requirements prior to attending the 3-level shred specialty course.
3.5.2.2. ★Qualification in and must possess a minimum 3P031 AFSC. ANG/AFRC personnel must be at least an A1C with 2-years' time in service (TIS) up to a TSgt with less than 16-years TIS.
3.5.2.3. ★Never received nonjudicial punishment for acts of larceny, wrongful appropriation, robbery, burglary, unlawful entry, housebreaking, misconduct in combat as defined in UCMJ articles 99-106.

3.5.2.4. ★Never received nonjudicial punishment for any acts that harms or has the potential to harm the physical safety or well-being of animals to include Military Working Dogs.
3.5.2.5. ★Never received nonjudicial punishment for drug abuse as defined in AFI 44-121, Alcohol and Drug Abuse Prevention and Treatment (ADAPT) Program, or any act that would negatively affect the member's credibility or ability to testify in legal proceedings.
3.5.2.6. ★Retraining into the 3P0X1 career field ANG/AFRC is restricted to the grades of E-7 and below. AFSC award within the ANG/AFRC must obtain review and approval by the ARC component and CFM.
3.5.3. ★3P0X1A Specific
3.5.3.1. ★ Individuals who have had their spleen removed are not eligible for assignment to the military working dog program or any canine functions.
3.5.3.2. ★Must be eligible to deploy and mobilize worldwide. Airmen coded who are unable to maintain deployment eligibility or worldwide clearance more than 21 months may lose their shred.
3.5.3.3. ★For entry into this shred specialty a minimum of 30 on the general aptitude test must be attained.
3.5.3.4. ★ Must have a minimum of 36-months of retainability upon graduation from the Military Working Dog Handler Course.
3.5.4. ★3P0X1B Specific
3.5.4.1. ★For entry into this shred specialty a minimum of 35 on the mechanical aptitude test must be attained.
3.5.4.2. ★Must have a minimum of 36-months of retainability upon graduation from the Combat Arms Training and Maintenance Basic Course.
3.5.4.3. ★Active Duty personnel must meet the minimum rank of A1C, 1-year TIS and qualification and possession of AFSC 3P031
3.6. ★For Entry, award, and retention of these AFSCs, the following are mandatory:
3.6.1. ★Qualification for arming, suitability to arm, or suitability under Personnel Reliability Assurance Standards IAW DAFI 31-117, Arming and Use of Force by Air Force Personnel.
3.6.2. No recorded evidence of personality disorder that negatively affects duty performance.
3.6.3. Must not have uncontrolled depression with use of appropriate therapy, or a history of persistent emotional instability or suicidal ideations. If there is a record of Self-Directed Violence or Self-Directed Violence-Preparatory or suicide attempts with/without injury, the Commander will be informed by the opinion of a qualified Mental Health (MH) professional.
3.6.4. Never been diagnosed with a severe substance use disorder by a certified medical provider. For the purpose of retention standards as part of this classification directory, alcohol related disorders are defined separately from other substance use disorders.
3.6.5. ★No evidence or history of civilian conviction, Letter of Reprimand, Article 15, or courts martial conviction of Category 1, 2, or 3 offenses, these are grounds for withdrawal of the AFSC, if deemed appropriate by the unit commander. Category 4 traffic offenses alone are not disqualifying. Offenses are described and listed in DAFMAN 36-2032, Military Recruiting and Accessions, Attachment 2 and Table A2.2.
3.6.6. ★Never been convicted by a general, special, or summary courts-martial.
3.6.7. ★Never received non-judicial punishment under the UCMJ for offenses involving substantiated drug abuse as defined in AFI 44-121, Alcohol and Drug Abuse Prevention and Treatment (ADAPT) Program.
3.6.8. ★Never violated DoD policy in Title 18 Section 922(g)(9) to have a felony conviction for crimes of domestic violence.
3.6.9. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.6.10. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments. For award and retention of AFSCs 3P0XX, completion of a current T3 Investigation at a minimum IAW DoDM 5200.02, AFMAN 16-1405, Air Force Personnel Security Program, is mandatory. Certain positions within this specialty) require routine access to Tier 5 (T5) material or similar environment. Completion of a current T5 Investigation in accordance with DoDMAN 5200.02, DAFMAN 16-1405, *Department of the Air Force Personnel Security Program*.
NOTE: Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDMAN 5200.02,DAFMAN 16 -1405.

4 *Specialty Shredouts

Suffix	***Portion of AFS to Which Related***
A	Military Working Dog Handler
B	Combat Arms

MEDICAL CAREER FIELD
(Except 4Y)

Introduction

The Medical Career Field encompasses functions involved in operating both fixed and tactical medical facilities and sub-professionally caring for and treating authorized personnel. This career field includes aeromedical activities, aerospace physiology, specialized medical services including ophthalmology, otorhinolaryngology, orthopedics, urology, allergy and immunology, optometry, nuclear medicine and cardiopulmonary techniques, electroencephalographic studies, physical therapy, occupational therapy, orthotics, operating room, mental health services, radiology, medical laboratory, histopathology, cytotechnology, pharmacy, diet therapy, medical administration, medical materiel, bioenvironmental engineering, and environmental medicine, including laboratory animal techniques and medical equipment.

Excluded from this career field are dental and rescue and survival functions. These functions are included in the Dental Career Field and Protection Career Field.

All personnel of the USAF Medical Service must have knowledge of and be proficient in military sanitation and first aid procedures, to include shock management; effective respiration maintenance (mouth-to-mouth resuscitation with or without adjunct); hemorrhage control; emergency wound treatment; management of fractures, burns, and injuries from chemical agents; hand and litter carrier methods; and loading and unloading vehicles used for patient transportation.

All personnel of the USAF Medical Service must have knowledge of and be proficient in the operation and first echelon maintenance of all equipment used by the respective Air Force specialty and must be familiar with improvisation and conversion methods of fixed types of medical equipment for tactical use.

CEM Code 4A000
AFSC 4A091, Superintendent
AFSC 4A071*, Craftsman
AFSC 4A051*, Journeyman
AFSC 4A031, Apprentice
AFSC 4A011, Helper

HEALTH SERVICES MANAGEMENT
(Changed 30 Apr 25)

1. **Specialty Summary.** Plans, develops, manages, and performs health services and support activities. Related DoD Occupational Subgroup: 134000.

2. **Duties and Responsibilities:**
2.1. Performs clinic front desk receptionist duties. Will comply with all Defense Health Agency and Air Force standards and processes. Will verify patient identity, eligibility, and demographics. Will check the patient in for appointments, enter patient information into Electronic Health Record, and obtain third party collection information. Identifies members assigned to sensitive duties programs, and flags record as appropriate. Ensures patient is enrolled in online patient portal secure messaging. Determine from patient if visit is injury related. Complete end of day processing.
2.2. Performs and manages medical information technology. Executes cyber security principles by protecting systems, networks, and programs from digital attacks. Manages hardware and software activities. Monitors information technology security programs. Deploys, sustains, troubleshoots, and repairs standard voice, data, video network, radio maintenance, and cryptographic client devices in-garrison and deployed environments. Sustains and operate systems through current troubleshooting methodologies, repair, and system performance analysis. Oversees service level agreements with communication communities.
2.3. Provides quality support through the administration of Commander programs to Unit Commanders, First Sergeants, Air Force members, and their families. Administers unit personnel programs and other key programs that are deemed essential by the Unit Commander. These programs include but are not limited to personnel action changes, duty status updates, evaluations, decorations, maintain Personnel Information Files (PIF), in-processing, out-processing, Drug Demand Reduction (DDR) program, Government Travel Card (GTC) program, leave program, and the reenlistment/extension program.
2.4. Provides support in administering the Personnel Reliability Assurance Program for key Military Treatment Facility personnel. Understands the impact on medical conditions considering reliability standards and the recognition of Suitability Factors. Completes documentation and reporting procedures. Ensure initial and refresher training is conducted and current training is documented for personnel. Inventories Personnel Reliability Program health records with base roster. May make health notification to Certifying Officials.
2.5. Performs duties as the Unit Deployment Manager, managing Unit Type Codes (UTCs) and ensuring assigned personnel are appropriately trained and equipped. Ensures publication and currency of unit plans and provides input to wing plans through Medical Contingency Response Plan (MCRP), Installation Emergency Management Plan 10-2, Disease Containment Plan, Installation Deployment Plan, etc. Coordinates and manages medical deployment activities. Prepares, briefs, and submits classified readiness reports. Conducts, coordinates, schedules, tracks, and documents medical readiness training. Aids with War Reserve Material inventory. Establishes and augments the Medical Control Center. Provides training on managing classified material, utilizing communication devices, logging events, and after-action reports.
2.6. Oversees Uniform Business Office, programs to include third party collection activities, Medical Affirmative Claims, and Medical Service Account program management. Assists in manpower surveys and in developing manpower standards. Analyzes workload and maintains the Unit Manpower Document, Unit Personnel Management Roster and ensures accurate requirements, funding, and the correct assignment of personnel. Utilizes timesheet tracking program. Coordinates Memorandums of Understanding, Memorandums of Agreement, Support Agreements and Training Affiliations.
2.7. Coordinates and prepares patient movement, enplane and deplane of patients, creation of the patient manifests, and launch and recovery of missions.
2.8. Serves as interface between Medical Treatment Facilities and Higher Headquarters for healthcare management. Directs personnel, programs, supports staff and beneficiaries. Advises, develops, and implements optimal business practices and strategies. Optimizes healthcare delivery for enrolled beneficiaries. Oversees Referral Management Center, tracks consultations to physicians. Validates travel entitlements for patients.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: general clerical procedures; medical terminology, regulations, and directives; medical ethics; health records administration; principles of coding; and anatomy and physiology.
3.2. Education. For entry into this specialty, completion of high school or General Education Development equivalency is mandatory.
3.3. Training. For award of AFSC 4A031, completion of a Health Services Management Apprentice course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 4A051. Qualification in and possession of AFSC 4A031.
3.4.2. 4A071. Qualification in and possession of AFSC 4A051. Also, experience supervising a Health Services Management Function and maintenance/management of healthcare-related systems.

3.4.3. 4A091. Qualification in and possession of AFSC 4A071. Also, experience managing a Health Services Management Function, associated healthcare-related systems, and personnel.
3.5. Other. The following are mandatory as indicated:
3.5.1. See attachment 4 for additional entry requirements.
3.5.2. For entry into S shred, prior qualification in and possession of PAFSC 4A051/71.
3.5.3. For award and retention of these AFSCs, must maintain local network access IAW SoDM 8140.03 Cyberspace Workforce Qualification and Management.

4. ***Specialty Shredouts:**

Suffix	*Portion of AFS to Which Related*
S	Health Information Technology

NOTE: *Suffix S applies to the 3-, 5- and 7-skill levels only.*

CEM Code 4A100
AFSC 4A191, Superintendent
AFSC 4A171, Craftsman
AFSC 4A151, Journeyman
AFSC 4A131, Apprentice
AFSC 4A111, Helper

MEDICAL MATERIEL

(Changed 30 Apr 13, Effective 23 Oct 12)

1. **Specialty Summary.** Performs and manages preparation and maintenance of manual and mechanized accountable medical materiel records, and requisitioning, receiving, storing, issuing, safeguarding, and accounting for supplies and equipment. Processes and monitors requests for contracts. Implements and directs medical materiel activities for inventory control, accounting, financial planning, and management of supplies and equipment. Performs and monitors computer operations. Related DoD Occupational Subgroup: 134100.

2. **Duties and Responsibilities:**
2.1. Performs and manages administrative functions. Requisitions, receives, and maintains medical materiel publication files. Provides information to using activities on issues, schedules, and related matters.
2.2. Performs, organizes, and monitors medical materiel management functions. Prepares and validates computer input data to establish, revise, and maintain master records. Determines requirements for and maintains records on war reserve materiel and other special programs. Initiates and manages the requisitioning, receipt, storage, issue and turn in of medical materiel. Ensures proper supply flow under various issue methods. Establishes and monitors a quality control program. Ensures effective internal controls for processing property documents and maintaining accountable records. Determines and evaluates action taken to establish stock control levels and inventory control. Conducts inventories. Processes, maintains, and monitors requests for services and rentals. Coordinates internal operations with the medical equipment maintenance activity. Monitors coordination of support by base activities.
2.3. Inspects, reviews, and evaluates medical materiel support. Conducts periodic internal inspections of medical materiel for compliance with policies, procedures, and directives. Analyzes reports and records and takes necessary corrective action. Ensures effective support is provided for all customers. Visits supported activities.
2.4. Performs medical materiel functions. Establishes and ensures timely and efficient management of excess materiel and equipment. Receives and inspects incoming supplies and equipment. Applies special handling procedures for controlled medical items, gases, precious metals, dangerous and hazardous materials and refrigerated or frozen materials. Provides and maintains medical kits and sets. Delivers supplies and equipment to supported activities.
2.5. Operates and supervises the base medical equipment management office and non-medical materiel support. Validates and coordinates equipment requests. Monitors expense and investment equipment fund programs. Ensures in-use equipment asset inventories are accomplished and necessary corrective actions and documentation is taken. Provides and monitors non-medical supply and equipment support.
2.6. Operates and supervises the operation of automated data processing equipment. Ensures system operations are according to standard system center documents. Performs and supervises periodic maintenance on computer systems. Ensures proper scheduling of all computer processing, and processes required programs.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of Air Force property and financial accounting base on automated data processing, logistics and related publications, medical materiel procedures, identity and general characteristics of medical materiel, and organization of medical materiel accounts.
3.2. Education. For entry into this specialty, completion of high school courses in management, basic electronic data processing, bookkeeping, accounting, and business administration is desirable.
3.3. Training. For award of AFSC 4A131, completion of a basic medical materiel course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 4A151. Qualification in and possession of AFSC 4A131.
3.4.2. 4A171. Qualification in and possession of AFSC 4A151.
3.4.3. 4A191. Qualification in and possession of AFSC 4A171. Also, experience managing all medical materiel functions.
3.5. Other. The following is mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

CEM Code 4A200
AFSC 4A291, Superintendent
AFSC 4A271, Craftsman
AFSC 4A251, Journeyman
AFSC 4A231, Apprentice
AFSC 4A211, Helper

BIOMEDICAL EQUIPMENT
(Changed 30 Apr 24)

1. **Specialty Summary.** Installs, inspects, repairs, and modifies biomedical equipment and support systems. Performs pre-purchase evaluations of medical devices and advises on operational theory, underlying physiological principles, and safe clinical applications of biomedical equipment. Implements organizational maintenance support for all medical devices used within the medical treatment facility (MTF), medical research laboratories, air transportable hospitals and clinics, and contingency hospitals. Provides technical guidance and intermediate maintenance support on medical equipment systems when assigned with regional support maintenance responsibilities. Related DoD Occupational Subgroup: 132600.

2. **Duties and Responsibilities:**
2.1. Assembles, installs, and inspects new biomedical equipment. Assembles equipment and conducts pre-operational tests to verify compliance with medical and technical standards, specifications, contracts, and regulatory guidance. Installs or coordinates the installation of medical equipment that requires interface with other devices or with the facility. Resolves installation and associated maintenance support problems. Performs formal acceptance testing of complex medical equipment and installations such as diagnostic radiology systems and physiological monitoring systems. Performs pre-procurement surveys and provides technical advice regarding the purchase of new biomedical equipment systems and the required facility interface requirements.
2.2. Inspects, services, and modifies biomedical equipment and support systems. Inspects biomedical equipment systems to determine operational status and compliance with technical standards and specifications. Performs or supervises preventive maintenance tasks such as lubrication; mechanical adjustment; and replacement of filters, tubing, and other parts subject to deterioration. Evaluates user maintenance procedures and ensures safe medical equipment practices are exercised. Instructs and advises personnel in the care and safe, effective use of medical equipment. Calibrates medical equipment according to manufacturers' technical literature, pertinent federal regulations, national standards, state and local laws, and Air Force guidance. Applies electrical, electronic, optical, mechanical, pneumatic, hydraulic, and physiological principles to diagnose and locate system malfunctions. Uses test equipment, technical data, engineering drawings, schematics, and reference materials for troubleshooting and repair of medical equipment. Performs authorized modifications to biomedical equipment.
2.3. Performs safety inspections. Inspects and tests medical and patient-related non-medical equipment for compliance with current safety standards. Inspects and tests supporting utility systems and specialized environment control systems of the medical facility for compliance with electrical and patient safety codes and standards. Identifies deficient equipment, initiates corrective action, and informs personnel of possible safety hazards.
2.4. Performs maintenance management and administrative functions. Develops and directs methods and procedures to be used in the maintenance activity. Determines the type, extent, and feasibility of repairs; and implements repair or condemnation procedures. Performs tasks relating to collecting and recording historical maintenance data. Quality controls reports to ensure accuracy of bench stock balance records and historical maintenance records (HMRs). Revises preventive maintenance and calibration cycles based on Air Force regulations, manufacturers' literature, and local conditions. Administers the medical equipment warranty and guarantee program. Develops statements of work (SOWs) and manages the medical equipment contract maintenance program. Ensures availability and control of spare parts, test equipment, and tools.

3. **Specialty Qualification:**
3.1. Knowledge. Knowledge is mandatory of: physiology; electrical, electronic, mechanical, optical, hydraulic, pneumatic, and radiation principles that apply to biomedical equipment systems; using and interpreting national safety and accrediting standards, blueprints, and Air Force publications; equipment systems application in medicine; and medical safety procedures.
3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency with courses in algebra, trigonometry, mechanics, mechanical theory, general sciences, anatomy, or biology is desirable.
3.3. Training. For award of AFSC 4A231, completion of the basic biomedical equipment maintenance course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 4A251. Qualification in and possession of AFSC 4A231. Also, experience in functions such as installing, inspecting, calibrating, modifying, and repairing biomedical equipment support systems.
3.4.2. 4A271. Qualification in and possession of AFSC 4A251. Also, experience supervising functions such as installing, calibrating, repairing, or modifying biomedical equipment systems.
3.4.3. 4A291. Qualification in and possession of AFSC 4A271. Also, experience managing functions such as installing, calibrating, repairing, or modifying biomedical equipment systems.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:

3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. A minimum age of 18 years prior to entry into technical training.
3.5.1.3. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

CEM Code 4B000
AFSC 4B091, Superintendent
AFSC 4B071, Craftsman
AFSC 4B051, Journeyman
AFSC 4B031, Apprentice
AFSC 4B011, Helper

BIOENVIRONMENTAL ENGINEERING (BE)
(Changed 31 Oct 16)

1. **Specialty Summary**. Perform and manage occupational and environmental health-related activities to include anticipating, recognizing, evaluating, and controlling exposure(s) to chemical, biological, and radiological hazards in garrison and deployed settings. Perform health risk assessments by monitoring and sampling to identify and quantify chemical, biological, radiological, and nuclear hazards. Provide expert health risk communication to support commander's decision making and to prevent short and long term health effects to all personnel residing and/or working on the installation. Related DoD Occupational Subgroup: 132200.

2. **Duties and Responsibilities:**
2.1. Conduct preventative medicine studies in support of base vulnerability assessments (i.e., water and toxic industrial chemicals/toxic industrial materials). Coordinate with the base Anti-Terrorism/Force Protection Office, Civil Engineering, Security Forces, and other applicable Air Force Medical Service counterparts to locate and identify critical infrastructure and components and develop a mitigation plan. Use existing sources of intelligence to identify potential future threats. Assess overall vulnerabilities and provide recommendations to commanders to minimize health risk(s) to base personnel and mission.
2.2. Identify and approve potable and non-potable water sources. Analyze local surface and ground water sources to determine the potability for both drinking and recreational purposes. Address health risks associated with non-potable water and communicate effective solutions to address potential health concerns.
2.3. Execute Occupational & Environmental Health Site Assessments. Collect site-specific data to characterize exposure pathways and levels to chemical, physical or radiological contaminants while in garrison and deployed. Identify occupational & environmental health hazards and risks that may negatively impact health, human performance, and environmental health quality and communicate/advise the commander(s) and key site planning leadership of assessment results for use in site selection and site bed down planning in all operational environments. Document occupational & environmental health site assessment findings in the approved occupational & environmental health-management information system.
2.4. Respond to accidents, natural disasters, and attack by hostile forces that may result in exposure(s) to occupational & environmental health threats. Perform on-site health risk assessments within potential exposure zone(s), communicate health risk(s) to the commander, and document information regarding exposure(s) in an approved occupational & environmental health-management information system.
2.5. Identify health hazards to all personnel residing and/or working on the installation. Anticipate and recognize actual or potential chemical, biological, radiological, nuclear, and physical health threats. Collaborate with civil engineering and other base personnel to locate and identify hazards from occupational, environmental, and recreational sources. Analyze and evaluate actual or potential health threats using available equipment.
2.6. Coordinate with certified laboratories to collect, preserve, package, and ship samples associated with an emergency response in garrison or while deployed.
2.7. Conduct post-exposure investigations. Use analytical or predictive exposure modeling data to mitigate or eliminate health risks during future operations or other similar and concurrent operation by making recommendations to commanders.
2.8. Provide control recommendations to mitigate or eliminate occupational & chemical, biological, radiological, or nuclear health threats. Apply the hierarchy of hazard control- first apply/use engineering controls, then apply/use administrative controls and lastly, recommend personal protective equipment.
2.9. Determine protective measures in chemical, biological, radiological, and nuclear operating environments. Provide relevant threat control recommendations to the commander with respect to real-time and future operations. Consult with shelter management teams to determine the adequacy of collective protection for controlling health threats and perform health risk assessments to determine when to release personnel from collectively protected facilities.
2.10. Associate exposure(s) with affected personnel. Document exposures of affected individuals and at-risk populations using the approved occupational & environmental health- management information system (i.e., the Defense Occupational and Environmental Health Readiness System in order to establish an individual longitudinal exposure record).
2.11. Participate in risk management/communication. Advise senior leadership and affected communities on health risks associated with operations and missions, the environment, and recreational activities. Effectively communicate on health effects, control measures, and outcomes.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of basic and applied mathematics, basic chemistry, physics and computer usage, occupational & environmental health (i.e., industrial hygiene, drinking water surveillance, and radiological health), medical administration, and bioenvironmental engineering aspects of medical readiness.

3.2. Education. For entry into this specialty, completion of Algebra I, chemistry, biology, and English composition courses in high school are mandatory. Completion of high school courses in Algebra II and physics are desirable.
3.3. Training. The following are mandatory for award of the AFSCs indicated:
3.3.1. For award of AFSC 4B031, completion of the basic bioenvironmental engineering apprentice course (B3ABY4B031 0A1A; PDS Code GO4).
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. AFSC 4B051. Qualification in and possession of AFSC 4B031. Experience conducting bioenvironmental engineering evaluations and surveys.
3.4.2. AFSC 4B071. Qualification in and possession of AFSC 4B051. Perform and supervise health risk and vulnerability assessments, occupational & environmental health site assessments, and medical readiness requirements to include the preparation of all related correspondence, reports, and charts.
3.4.3. Attend and successfully complete the Occupational Health Measurements course (B3AZY4B071 0A1B).
3.4.4. AFSC 4B091. Qualification in and possession of AFSC 4B071. Experience managing occupational & environmental health risk assessments, surveillance, and medical readiness programs. Experience managing the overall administrative operations of the bioenvironmental engineering flight to include manpower and planning, programming, budgeting, and execution requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. See attachment 4 (part II of the Air Force Enlisted Classification Directory) for additional entry requirements.
3.5.2. For entry, award, and retention of this specialty:
3.5.2.1. No record of acrophobia or claustrophobia.
3.5.2.2. Ability to speak distinctly.
3.5.2.3. Must possess a valid state driver's license to operate government motor vehicles in accordance with Air Force Instruction 24-301, *Vehicle Operations*.
3.5.2.4. Normal color vision and depth perception as defined in Air Force Instruction 48-123, *Medical Examinations and Standards*.
3.5.2.5. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.6. Ability to wear a 40-pound air pack while carrying 40 pounds of equipment in a totally encapsulating chemical protective suit.
3.5.2.7. Medically qualified in accordance with Air Force Instruction 48-137, *Respiratory Protection Program*.
3.5.2.8. For AFRC, minimum entry AFSC is 4B051.

CEM Code 4C000
AFSC 4C091, Superintendent
AFSC 4C071, Craftsman
AFSC 4C051, Journeyman
AFSC 4C031, Apprentice
AFSC 4C011, Helper

MENTAL HEALTH SERVICE
(Changed 31 Oct 24)

1. **Specialty Summary.** Supports mental health services in psychiatry, psychology, social work, family advocacy, substance abuse education, prevention, treatment, and aftercare, integrated operational support, and other mental health programs. Manages mental health service resources and activities. Develops and/or implements appropriate treatment plans in agreement/coordination with patients and supervising providers. Performs specified mental health counseling. Reports and documents patient care. Related DoD Occupational Subgroup: 130200.

2. **Duties and Responsibilities:**
2.1. Performs outpatient and inpatient mental health patient care activities. Screens patients for program admission, which includes triage; evaluating psychological, physiological, and social signs/symptoms; mental status examinations; and obtaining and recording vital signs. Conducts assessment intakes, which include gathering demographics and completing required admission forms. Performs program orientation for new patients. Performs assessment procedures, which include clinical interviewing to gather biopsychosocial, mental health, and substance abuse histories; administering standardized psychological testing; using appropriate assessment tools to assist in identifying mental health and nursing diagnoses; and identifying patients' strengths, needs, abilities and problems. Performs patient counseling by utilizing trained skills to assist individuals, families, and groups in achieving treatment goals through exploration of problems; maintaining therapeutic relationships; examining attitudes and affective responses; providing alternative solutions; assisting in decision-making/disposition planning; and establishing and executing the treatment plan under the guidance/supervision of a licensed/privileged provider. Participates in case management/coordination activities to include, but not limited to coordinating and participating in treatment team meetings; communicating high interest status and updates; duty limitations; providing safety recommendations to commanders and primary care providers; and coordinating patient's mental health transition services. Recognizes patients in acute emotional and physical distress and provides crisis intervention techniques and precautionary measures. Assists patients with nutritional needs, hygiene, and comfort measures. Provides mental health and substance abuse outreach, prevention, and education. Identifies patient needs that can't be met by the counselor or program and refers the patient to the appropriate support system. Assists in, or arranges patient referral to public, private, and military community agencies. Documents the assessment results, treatment plans, reports, progress notes, discharge summaries and other patient care information. Consults with other professionals and subject matter experts to assure comprehensive quality care for the patient. Contacts military and community agencies to obtain collateral information. Utilizes their skills, expertise, and insight into emotional, behavioral, and social functioning to assist with improving health and human performance. Consults with unit leaders and unit members on topics relevant to adapting and responding to the unique operational and combat related challenges of their unit. Employs primary and secondary prevention tactics to mitigate occupational and operational stressors, enhance resilience, prevent injury/illness, and facilitate access to the healthcare system when needed. Performs aeromedical evacuation procedures when needed.
2.2. Plans and supervises mental health service activities. Coordinates with appropriate agencies regarding specified care, treatment, prevention, rehabilitation, and administrative functions. Ensures staff provide for safe, ethical, and reliable patient care. Performs clinical supervision on subordinates in relation to their skill level.
2.3. Manages enlisted resources. Establishes priorities based on knowledge of interchangeable skills among assigned enlisted personnel. Reviews procedures and requirements within specialty services to preclude duplication and to free personnel for more direct service work with patients. Defines requirements and utilizes emerging knowledge, research, and technology. Integrates quality communications, fosters partnerships, ensures flexible and adaptive resourcing, optimizes force management and development, and empowers continuous process improvement. Establishes, maintains, and evaluates specific mental health, family advocacy, and substance abuse training programs. Conducts in-service and readiness trainings. Schedules recurring training and conducts task evaluations. Ensures appropriate continuing education and clinical supervision requirements are met.
2.4. Performs Disaster Mental Health (DMH) and Combat and Operational Stress Control (COSC) activities. Provides psychological first aid to individuals and groups who may have had direct exposure to an all-hazard incident. Prevents and manages battle related stress before, during, and after deployments. Supervises and assists with care of individuals experiencing acute and post-traumatic stress reactions.
2.5. Supervises and performs administrative duties. Monitors preparation, maintenance, and disposition of mental health, family advocacy, and substance abuse electronic and paper copy treatment records. Receives patients and schedules appointment. Evaluates and effectively manages mental health service activities. Collects and updates administrative and statistical data. Conducts unit self-assessments. Conducts 4C0X1 peer review processes. Compiles and prepares medical and administrative reports. Briefs patients on safety and evacuation procedures.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: psychiatry, psychology, social work, family advocacy, and nursing principles, procedures and theories; confidentiality and legal aspects of patient care; understanding of medical, nursing, and mental health terminology; psychopathology; adjustment mechanisms; substance abuse pathology; Twelve Core Functions/Four Performance Domains for substance abuse counselor certification; combat and disaster casualty care management; communication processes; DMH, specialized mental health and nursing treatment techniques; anatomy and physiology; deviant and unacceptable behavior; principles of interpersonal relationships; counseling and interviewing techniques; diagnostic nomenclature; psychopharmacology; administration and scoring of psychological tests; medical and mental health ethics; medical and clinical records administration; principles of milieu therapy; personnel, unit and clinic management; and budgeting and acquisition of supplies and equipment.
3.2. Education. For entry into this specialty, completion of high school is mandatory. Completion of college courses in psychology, social or behavioral sciences such as psychology, counseling, substance abuse treatment, sociology, and marriage and family is desirable.
3.3. Training. For award of AFSC 4C031, completion of the mental health service apprentice course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated.
3.4.1. 4C051. Qualification in and possession of AFSC 4C031. A minimum of 9 months experience. Also, experience administering, scoring, and reporting psychological test results; interviewing patients to obtain biopsychosocial history, personal information; experience conducting briefings, and assisting professional staff to carry out prescribed treatment plan. Achievement of competency in all required tasks.
3.4.2. 4C071. Qualification in and possession of AFSC 4C051. Also, experience supervising mental health service activities. Advanced experience interviewing patients, assisting in patient treatment, conducting mental health and substance abuse prevention and counseling. Completion of 6,000 hours of patient care within the 12 Core Functions/4 Performance Domains. Certified Alcohol and Drug Counselor (CADC) certification (SEI 475) is required for upgrade to 7-level. **Note:** Retrainees will have a maximum of 4 years after award of 4C031 to obtain necessary job experience to qualify for CADC certification. AFRC and ANG members are not required to obtain their CADC certification. AFRC and ANG members are required to obtain and maintain appropriate certification such as the Mental Health Technician Certification or similar national/state certification.
3.4.3. 4C091. Qualification in and possession of AFSC 4C071. Also, experience managing mental health service activities. CADC certification (SEI 475) is required for upgrade to 9-level. **Note:** AFRC and ANG members are not required to obtain their CADC certification. AFRC and ANG members are required to obtain and maintain appropriate certification such as the Mental Health Technician Certification or similar national/state certification.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.2. Must obtain minimum Administrative MAGE composite score of 43 plus a minimum 4C0X1 PSM composite score (percentile) of 18.
3.5.2.1. Must complete the Minnesota Multiphasic Personality Inventory (MMPI) assessment.
3.5.2.2. Must undergo a standardized entry interview with a career field manager approved 4C0X1 or any credentialed/privileged Mental Health provider.
3.5.2.3. See attachment 4 for additional entry requirements.
3.5.3. For entry and award of the 3-skill level in this specialty:
3.5.3.1. No history of psychiatric hospitalization.
3.5.3.2. No evidence of emotional instability, impulsive behaviors or misconduct that is contrary to the standards of the mental health and substance abuse counseling profession (Including, but not limited to: alcohol/drug misuse, binge eating, intentional self-injury, antagonism, apathy, difficulty controlling/intense anger or sadness, etc.).
3.5.3.3. No history or evidence of personality disorder, substance use disorder, or other significant disorders incompatible with the mental health or substance abuse profession.
3.5.3.4. No evidence or history of civilian conviction, Letter of Reprimand, Article 15, or courts martial conviction as a result of illicit drug or alcohol use, driving under the influence/impaired, financial irresponsibility, promiscuity, physical or sexual assault or misconduct, or domestic violence.
3.5.3.5. No evidence or history of disruptive conduct, behavior, attitude, or communication resulting in civilian conviction, Letter of Reprimand, Article 15, or courts martial conviction as a result of prejudice, discrimination, harassment, threats, or reprisal.
3.5.4. For entry, award of all skill levels, and retention of this specialty:
3.5.4.1. No presence of speech impediment—must possess the ability to read aloud and speak distinctly.
3.5.4.2. No unresolved mental health problems (Including, but not limited to: failure to engage in help-seeking behaviors, chronic mental health disorders, a pattern of relapse in symptoms/illness, unwillingness, or inability to overcome mental health disorder, or prolonged absence from one's mental health duties due to risk associated to patients, self, or staff).
3.5.5. For retention of this specialty:
3.5.5.1. No record of psychiatric hospitalization as a result of serious attempts at self-harm, threats to self or others, or self- mutilating behaviors.
3.5.5.2. No evidence of emotional instability, impulsive behaviors or misconduct that is contrary to the standards of the mental health and substance abuse counseling profession (Including, but not limited to: a pattern of alcohol misuse, drug misuse, binge eating, intentional self-injury, antagonism, apathy, difficulty controlling/intense anger or sadness, etc.).
3.5.5.3. No history or evidence of personality disorder or other significant disorders incompatible with the mental health or substance abuse profession.

3.5.5.4. No evidence or history of civilian conviction, Article 15, or courts martial conviction as a result of illicit drug use; physical or sexual assault or misconduct; driving under the influence/impaired; or a pattern of--alcohol misuse, financial irresponsibility, promiscuity, or domestic violence.
3.5.5.5. No evidence or history of disruptive conduct, behavior, attitude, or communication resulting in civilian, Article 15, or courts martial conviction as a result of prejudice, discrimination, harassment, threats, or reprisal. No history of a pattern of prejudice, discrimination, harassment, threats, or reprisal.
3.5.5.6. No record of ethical misconduct (Including but not limited to: dual relationships, falsifying records, knowingly making incorrect health record entries, or HIPAA violations) that result in Article 15 or courts martial conviction. No history of a pattern of ethical misconduct.
3.5.5.7. For Certified Alcohol and Drug Abuse Counselors (CADCs), no record of ethical misconduct or violations of AFI 44- 119 or DHAPM 6025.13 resulting in revocation of CADC certification as determined by the Air Force Substance Abuse Counselor Certification Board.
3.5.5.8. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* AFMAN 17-1301, *Computer Security* (COMPUSECC).
3.5.5.9. Must obtain and maintain a secret or higher security clearance IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program.*

CEM Code 4D000
AFSC 4D091, Superintendent
AFSC 4D071, Craftsman
AFSC 4D051, Journeyman
AFSC 4D031, Apprentice
AFSC 4D011, Helper

★DIET THERAPY
(Changed 31 Oct 25)

1. ★**Specialty Summary.** Performs duties in Nutrition Care Management (NCM), Foodservice Operations Management (FOM), Point-of-Sale (POS) management, and equipment/personnel management. Diet Technicians (DTs) specialize in clinical and non-clinical dietetics, applying systematic approaches to enhance warfighter readiness and foster a culture of nutritional fitness. When no Registered Dietitian (RD) is assigned, DTs consults with Major Command RD. Related DoD Occupational Subgroup: 132500.

2. ★**Duties and Responsibilities:**
2.1. ★Nutrition Care Management. Demonstrates ethics, competence, health equity, quality in practice, leadership, effective communication, and advocacy, with dietary modifications, nutrition support, Nothing Per Oral (NPO), food allergies, diet-drug interactions, individual nourishments, bulk nourishments for new patient admissions, discharges, or transfers, therapeutic-in-flight meals, box lunches, and field feeding. Prepares and cooks subsistence to conform with recipes and menus in accordance with food production reports. Assembles patient tray service area and patient trays, loads on food carts, and delivers to nursing units. Picks up food carts containing soiled trays from the nursing unit and disassembles patient trays in the washing area. Cleans and sanitizes trays, insulated base/cover combos, dishware, utensils, food carts, work area, and equipment. Disassembles cleans and sanitizes patient tray service assembly areas. Provides field feeding, accountability, sanitation, and layout during disasters or contingencies.
2.2. ★Food Safety and Security Operations Management. Determines food items to order based on menu requirements, tracks incoming and outgoing requisitions, analyzes nutrient information at the food item, recipe, and menu level, maintains adequate food inventory required for ingredients, recipes, and menus, places prime vendor/local purchase/logistics orders, generates reports to forecast order amounts for future meal production, scales recipes, and menu amounts according to production needs, tests and creates new recipes, and integrates nutrition services to trace the cost of all foods served to patients. Protects the food service budget, conducts inventory, ensures end-to-end proper food handling in accordance with hazard analysis and critical control points (HACCP), buys food at optimal prices with electronic ordering, captures profit margins by setting retail sales prices for food items based on the purchase prices, centralizes the production/kitchen environment, and supports healthy initiatives by leveraging ingredient information for food labels and café menus.
2.3. ★Point-Of-Sale Management. Uses a browser-based application for dynamic retail management, collects payments using various local methods, and turns in reports/monies per local guidance. Operates local data storage on the register in stand-alone mode in case of a network outage.
2.4. ★Data Management. Completes and turns in NCM and FOM records and workload reporting data. Interprets reports to review historical trends and recognize problem areas and negative patterns, drives corrective action, enhances future best practices, and promotes utilizing enterprise food service systems to ensure clean data.
2.5. ★Equipment/Personnel Management. Inspects and evaluates nutritional medicine facilities and equipment for proper maintenance, operation, and use and addresses issues promptly. Monitors NCM and FOM standards. Embodies ready, reliable care principles to ensure leadership commitment, a culture of safety, continuous process improvement, and patient-centeredness and recommends corrective actions in a coordinated path to high-reliability dietetic services. Directs, inspects, and evaluates completed personnel work, establishes work schedules/assignments and job descriptions, and resolves technical difficulties. Formulates and follows policy and guidelines and advises RDN on equipment status, maintenance, adequacy, personnel training, operational efficiency, and economy.
2.6. ★Clinical Dietetics. Provides nutrition care services for patients/clients under the supervision of the RDN to address the prevention and treatment of acute and chronic diseases and conditions and promote overall health and wellness. Assists with the collection of data and other activities; assists with providing ongoing management and revision of nutrition interventions reflecting patient/client response to nutrition care including timely reporting of observations and communications with the patient/client, family, or caregiver; implements and monitors evidence-based nutrition interventions, as assigned by the RDN, to meet the nutritional needs of the patient/client, including, but not limited to, prescribed diets, snacks/nourishments, medical foods/nutrition supplements, and data collection of nutrition support therapies; provides nutrition information and education per career field guidelines to individuals, families, or caregivers to address prevention, health maintenance, treatment, and restorative health care. Develops menus and recipes and completes nutritional analysis of menus, recipes, and food records. In direct patient/client care, all types of information are collected, including assessment and evaluation, reporting observations, and communicating with the patient/client, family, or caregiver. The RDN supervises DTs who provide nutrition care as assigned by the RDN.
2.7. ★Non-Clinical Dietetics. Coordinates as part of an interdisciplinary team to provide installation personnel with a comprehensive approach to Total Force Fitness, addressing physical, social, psychological, environmental, nutritional, financial, spiritual, medical, and dental aspects. Collaborates with other professionals to develop/provide education and resources through various channels, including classes, workshops, digital platforms, and unit integration that cover a wide range of topics. The role of the diet technician on these teams

is to inform healthy dietary choices, assess mission-driven nutrient requirements, evaluate and intervene on the nutrition environment, and provide community based nutrition assessments. Ensures installation personnel receive the necessary guidance and support to maintain optimal health and well-being, contributing to their readiness and performance.

3. ★**Specialty Qualifications:**
3.1. ★Knowledge. Knowledge is mandatory for conducting comprehensive dietary assessments, developing personalized nutrition care plans; supporting evidence-based medical nutrition therapy, monitoring and adjusting therapeutic diets based on patients' clinical progress and nutritional needs, providing nutrition education and supporting behavior change; expertise in disease management, including the ability to develop specialized nutrition interventions for various medical conditions; proficiency in counseling techniques, meal planning, and portion control; interdisciplinary collaboration skills; staying updated with current research in nutritional medicine; contributing to program development, and participating in quality improvement initiatives; strong communication and teamwork abilities, research knowledge, and the ability to implement evidence-based practices are vital qualifications for this role.
3.2. Education. For entry into this specialty, completion of high school is desirable with courses in mathematics, chemistry, biology, and food preparation.
3.3. Training:
3.3.1. For award of AFSC 4D031, completion of a diet therapy course is mandatory.
3.4. Experience. The following experience is mandatory for award of AFSC indicated:
3.4.1. ★4D051. Qualification in and possession of AFSC 4D031. Also, experience in inpatient operations, outpatient operations, culinary and hospitality, personnel management, data analytics, resource management, safety, leadership, professional development, communication, readiness, and integrated clinical nutrition at the basic and intermediate levels.
3.4.2. ★4D071. Qualification in and possession of AFSC 4D051. Also, experience in inpatient operations, outpatient operations, culinary and hospitality, personnel management, data analytics, resource management, safety, leadership, professional development, communication, readiness, and integrated clinical nutrition at the advanced level. The following certifications are mandatory:
3.4.2.1. ★Weight Management – A healthy-eating plan that facilitates long-term lifestyle changes to maintain a healthy body weight based on your age, height, and gender.
3.4.2.2. ★Carbohydrate Counting- a dietary pattern that helps control blood sugar levels in individuals with diabetes or gestational diabetes
3.4.2.3. ★Prenatal Care – A healthy-eating plan that promotes adequate nutrition balance during pregnancy.
3.4.2.4. ★Heart Healthy – A healthy-eating plan that helps lower/control blood cholesterol/high blood pressure levels and lowers the risk for coronary heart disease.
3.4.3. ★4D091. Qualification in and possession of AFSC 4D071. Also, experience managing functions such as- inpatient operations, outpatient operations, culinary and hospitality, personnel management, data analytics, resource management, safety, leadership, professional development, communication, readiness, and financial accounting at the expert level.
3.5. Other. The following are mandatory as indicated:
3.5.1. See attachment 4 for mandatory entry requirements.
3.5.2. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

CEM Code 4E000
AFSC 4E091, Superintendent
AFSC 4E071, Craftsman
AFSC 4E051, Journeyman
AFSC 4E031, Apprentice
AFSC 4E011, Helper

PUBLIC HEALTH
(Changed 30 Apr 21)

1. **Specialty Summary.** Manages and performs public health activities and programs in support of the Air Force Operational Medicine Programs. There are two major divisions within Public Health: Community Health Management and Force Health Management. Community Health Management encompasses communicable disease control and prevention, food safety and defense, medical entomology, facility sanitation, and public health contingency response. Force Health Management encompasses medical deployment clearance processing, and administrative oversight of occupational health examinations (including performing audiograms). Related DoD Occupational Subgroup: 132200.

2. **Duties and Responsibilities:**
2.1. Community Health Management:
2.1.1. Organizes and assists in communicable disease prevention and control programs. Controls disease transmission through patient interviews, epidemiological investigations, patient education and community outreach programs. Advises professionals on control measures. Updates and completes associated records and forms. Investigates disease outbreaks. Collects and compiles epidemiological data. Identifies, evaluates, and reports trends.
2.1.2. Conducts food safety and defense programs. Inspects sanitary condition of containers and vehicles. Ensures food origin and distribution are from approved sources. Inspects foods for wholesomeness and contract compliance. Makes recommendations for disposition of deteriorated or distressed foods. Assesses risks associated with production, transportation, storage, preparation and serving of food. Recommends measures to prevent contamination (unintentional as well as intentional), deterioration and completes Food Vulnerability Assessments. Inspects operational rations. Collects and ships food for laboratory analysis. Investigates customer complaints and food recalls. Evaluates and completes inspection records.
2.1.3. Plans and conducts medical entomology program. Evaluates vector-borne disease risk. Conducts disease and pest/vector surveillance. Monitors compliance and effectiveness of vector and pest management control measures. Recommends prevention and control measures. Provides education and training on prevention and control of vector-borne diseases.
2.1.4. Plans and conducts sanitation programs. Conducts sanitary evaluations of food, public facilities, and military and civilian contract aircraft. Determines compliance with sanitary standards and reports discrepancies. Provides food handler, disease outbreak, and community health education and training.
2.1.5. Plans, organizes, and conducts public health contingency response programs.
2.2. Force Health Management:
2.2.1. Assists in Occupational Health Programs. Ensures personnel receive appropriate pre-employment, periodic and termination occupational examinations. Conducts occupational audiometric evaluations. Provides consultation to supervisors and workers in personal hygiene, occupational hazards, hazard communications and personal protective equipment. Performs occupational epidemiology and monitors results of occupational health examinations to detect adverse trends. Investigates occupational illnesses and assists with completion of fitness and risk evaluations. Advises healthcare providers on workplace hazards. Manages and provides quality control of occupational health examinations. Conducts shop visits at the discretion of the Occupational & Environmental Health Working Group.
2.2.2. Grants Aeromedical Services Information Management System (ASIMS) access to authorized medical group personnel. Maintains Commander Designee requests from non-medical users (e.g., Unit Deployment Managers), Unit Health Monitors, Unit Fitness Program Managers, First Sergeants, and Commanders.
2.2.3. Plans and conducts deployment medicine programs. Oversees medical clearances for deploying personnel. Provides deploying personnel with medical intelligence briefs to include the threat of vector borne disease and prevention; use of personal protective equipment. Also oversees medical reintegration by ensuring all re-deployers complete required post-deployment medical requirements.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: basic biological and physical sciences; preventive medicine; fundamentals of microbiology, chemistry, anatomy, physiology, and pathology of the human body; medical terminology, medical entomology programs; food science and technology; food handler training; food and water safety and defense principles; food inspection; laboratory procedures; sanitary evaluations; public facility sanitation; prevention and control of food borne, water-borne, and vector-borne diseases; communicable disease prevention and control; epidemiology; occupational health (including hearing conservation); medical readiness (including medical intelligence, deployment processing, and deployment surveillance); personnel management and administration; medical service organization and function; basic medical information management (including database management) and written and oral communication.
3.2. Education. For entry into this specialty, completion of high school courses in biology, chemistry, and general science is desirable.
3.3. Training. The following training is mandatory as indicated:

3.3.1. For award of AFSC 4E031, completion of public health apprentice course is mandatory.
3.3.2. For award of AFSC 4E071, completion of the Operational Entomology in-residence course and the USAFSAM Epidemiology Distance Learning course are mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 4E051. Qualification in and possession of AFSC 4E031. Also, experience in functions such as routine food safety and defense inspection; sanitary evaluations; communicable disease control and disease intervention; occupational health; force health management activities, medical entomology programs and deployment health programs.
3.4.2. 4E071. Qualification in and possession of AFSC 4E051. Also, experience performing public health programs.
3.4.3. 4E091. Qualification in and possession of AFSC 4E071. Also, experience managing public health activities.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Passing color vision, as defined by getting a 55 or better on the Cone Contrast Test (CCT), or, correctly identifying at least 10 of 14 Ishihara Plates (PIP). (CCT should be primary testing choice, but PIP is acceptable if CCT is not available at testing site.) Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards* and Medical Standards Directory.
3.5.1.2. For award and retention of AFSCs 4E031/4E051/4E071, Hearing Conservation certification is mandatory.
3.5.1.3. Passing Read Aloud Test, as defined in the 4N0X1F Career Field Education Training Plan.
3.5.1.4. Valid state driver's license and qualification to operate government motor vehicles according to AFI 24-301, Ground Transportation.
3.5.2. See attachment 4 for additional entry requirements.For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

CEM Code 4H000
AFSC 4H091, Superintendent
AFSC 4H071, Craftsman
AFSC 4H051, Journeyman
AFSC 4H031, Apprentice
AFSC 4H011, Helper

RESPIRATORY CARE PRACTITIONER
(Changed 30 Apr, Effective 08 Jun 23)

1. **Specialty Summary**. Performs and manages and evaluates patient care and treatment of beneficiaries to include flying and special operational duty personnel in cardiopulmonary laboratory functions and activities as Registered Respiratory Therapist (RRT). Performs and directs support activities for patient care environments, including contingency operations and disasters. Related DoD Occupational Subgroup: 130000.

2. **Duties and Responsibilities:**
2.1. Respiratory Care Services: Supports life by management of invasive/non-invasive mechanical ventilation of neonates, pediatrics and/or adults. Performs comprehensive assessment of patient's cardiopulmonary status. Assists physicians to establish and maintain artificial airways. Administers aerosol therapies (bland, medicated, and metered dose). Performs airway clearance techniques, such as oral, nasal, and tracheal suctioning; coughing; deep breathing instruction; exercises and chest physical therapy. Performs lung expansion techniques. Monitors physiological responses to therapies to include vital signs, arterial blood gases, and blood chemistry changes. Determines needs related to the frequency and duration of the treatment regime ordered by the physician. Interprets clinical data and recommends additional procedures and/or pharmacologic interventions to physicians. Assists physicians with the performance of procedures, such as intubation/extubation, chest tube/arterial line insertions, weaning from patients from ventilators, etc. Communicates with multidisciplinary care team about discrepancies and concerns. Evaluates effects of respiratory therapy treatment plan by observing, noting, and evaluating patient's progress. Immediately reports adverse reactions following established mechanisms. Responds to emergent situations in the hospital and assists with providing cardiopulmonary resuscitation and advanced cardiovascular life support. Provides education and instruction to patients, family, staff, and students about theory, therapy and equipment used in Respiratory Therapy procedures and techniques, and documents as required. Documents patient care services by charting in patient and department records. Ensures operation of equipment by completing preventive maintenance requirements; follows manufacturer's instructions; troubleshoots malfunctions; turns in equipment for repairs. Maintains safe and clean working environment by complying with procedures, rules, and regulations. Protects patients and employees by adhering to infection-control policies and protocols. Maintains professional and technical knowledge by attending educational workshops, reviewing professional publications, establishing personal networks, and participating in professional societies. Practices safety and security measures.
2.2. Pulmonary Laboratory Clinical Services: Pulmonary laboratory technicians assist physicians through a variety of non-invasive and invasive procedures to diagnose and treat pulmonary disorders.
2.3. Pulmonary Functions technician: Conducts pulmonary function testing to include but not limited to: spirometry, flow volume loops with and without bronchodilator, Broncho provocation, exercise testing, lung capacity and diffusion capacity to gather data for use by physician. Performs arterial blood gas puncture and analyses, six-minute walk tests, pulse oximetry studies, oxygen therapy, and nebulizer treatments. Maintains quality control of arterial blood gas machines and CO-oximeters, including proficiency testing. Performs asthma evaluations. Assists physicians in special procedures such as therapeutic/diagnostic bronchoscopies and thoracotomies. Maintains pulmonary function equipment and associated supplies. Observes and records readings and conveys findings of tests and analyses to physician for interpretation.
2.4. Polysomnography: Provides evaluation and treatment of sleep disorders including in-center testing, diagnostic and therapeutic interventions, comprehensive patient care and direct patient education. Performs, analyzes, and reports a wide range of sleep lab studies.
2.5. Cardiology Laboratory Clinical Services: Cardiovascular technicians assist physicians using a variety of non-invasive and invasive procedures to diagnose and treat heart disease and vascular problems.
2.6. Non-invasive Cardiology technician: Performs, analyzes, and reports a variety of tests to include electrocardiograms (ECGs) and ambulatory monitoring to assist physicians with diagnosing heart problems. Administers stress tests to check heart functioning during exercise or with a pharmacological agent.
2.7. Echocardiograph technician: Prepares patients and diagnostic equipment for ultrasound imaging procedures and explains procedures to patients. Assists physician with trans-esophageal and stress echocardiography and helps interpret data. Assesses heart structures and blood flow via 2-D, m-mode, Doppler, and contrast color modalities. Ensures records are properly recorded.
2.8. Cardiac Catheterization Laboratory technician: Prepares Cardiac Catheterization Lab and assists physician during procedures. Operates X-ray and physiological monitoring equipment. Ensures equipment is in working order and ready for use. Assists in placing specialized equipment and instruments into cardiovascular system for diagnosis and therapy, including cardiac pacemakers and intra-aortic balloon pumps. Uses imaging equipment to help the physician detect and treat heart and blood vessel issues within the patient.
2.9. Performs respiratory care practitioner, cardiology, and pulmonary administrative, maintenance, and support functions. Inspects and ensures equipment is calibrated to manufacturer's specifications. Cleans, disinfects, and sterilizes (or prepares for sterilization) cardiopulmonary equipment. Adheres to infection control policies. Operationally checks and inspects equipment. Determines inventory level of disposable supplies, stocks accordingly, and returns excess stock. Prepares equipment requisitions. Maintains CPR cart. Ensures

emergency equipment is available and functional. Schedules patients for evaluations, procedures, and treatments. Obtains medical records. Greets patients and answers telephone. Practices patient and coworker sensitivity. Assists with transportation of patients to and from hospitals, and those in air evacuation system requiring mechanical ventilation. Maintains general correspondence, files, records, and reports. Provides biometric data.
2.10. Manages respiratory care practitioner, cardiology, and pulmonary functions and activities. Develops staffing requirements. Determines work priorities, methods, and procedures. Monitors effectiveness of staff training programs. Develops operating instructions and determines policies. Prepares budget requirements. Evaluates, budgets, and justifies new equipment purchases. Establishes and maintains publications library. Ensures compliance with credentialing agency standards. Participates in and manages quality assurance and improvement (QA&I) efforts. Directs on-going continuing education and in-services, developed in part from QA&I findings. Ensures implementation of disaster and emergency plans, as well as safety and security. Collects, analyzes, and reports biometric data. Processes collected data for physician interpretation.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of general anatomy and physiology; cardiopulmonary system structures and functions; basic cardiopulmonary pharmacology; patient care theory, procedures, and techniques; medical terminology; aseptic techniques; medical ethics; resuscitation techniques; maintaining and operating cardiopulmonary diagnostic and therapeutic equipment; medical computer systems; readiness; and resource management.
3.2. Education. entry into this specialty, the following college courses are required:
3.2.1. (3 credits) English Composition I (3 credits) Humanities, (3 credits) Social Sciences , (3 credits) Speech - "CAHS does not accept Intro to Speech or Interpersonal Communications. Course description must contain verbiage such as creating & delivering speeches or presentations to groups/audiences", (3 credits) College Algebra – College Geometry, Statistics, or higher-level Mathematics, such as Precalculus, etc.
3.2.2. See USU/CAHS Pre-Admissions: https://reg.usuhs.edu/transfer-credit#Pre-Admissions for more information/requirements. Students may NOT proceed without transcripts approval from USU/CAHS.
3.3. Training. Completion of the following training is mandatory for award of the AFSC indicated:
3.3.1. For award of the 4H031 AFSC, completion of the Respiratory Care Practitioner (Cardiopulmonary Lab) Apprentice Course Phases I, II and obtain Certified Respiratory Therapist (CRT) credential from National Board of Respiratory Care (NBRC).
3.3.2. For award of the 4H051 AFSC, completion of all STS core/duty position tasks and obtain Registered Respiratory Therapist (RRT) credential from National Board of Respiratory Care.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 4H051. Qualification in and possession of AFSC 4H031. A minimum of 6 months experience (6 months' for retrainees). Experience performing diagnostic and therapeutic procedures/tasks to care for and treat a broad spectrum of respiratory care patients.
3.4.2. 4H071. Qualification in and possession of AFSC 4H051. A minimum of 6 months experience. Experience in performing and supervising diagnostic and therapeutic procedures/tasks to care for and treat a broad spectrum of cardiopulmonary patients.
3.4.3. 4H091. Qualification in and possession of AFSC 4H071. Advanced experience in supervision and oversight of performance of diagnostic and therapeutic procedures/tasks to care for and treat a broad spectrum of cardiopulmonary patients. Includes operational experience on a wide array of cardiopulmonary and respiratory therapy equipment.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into AFSCs 4H0X1 specialty:
3.5.2. No Unsolved mental health problems (Including, but not limited to failure to engage in help-seeking behaviors, chronic mental health disorders, a pattern of relapse in symptoms/illness, unwillingness or inability to overcome mental health disorder, or prolonged absence from one's mental health duties to risk associated to patients, self, or staff).
3.5.3. For course entry guidance, students may NOT proceed without transcript approval. See USU/CAHS Pre-Admissions: https://reg.usuhs.edu/transfer-credit#Pre-Admissions for more information
3.5.4. See attachment 4 for mandatory entry requirements.
3.6. For award and retention of AFSC's 4H051/4H071/4H091:
3.6.1. Must obtain, possess, and maintain a current RRT (Registered Respiratory Therapist) credential from NBRC.
3.6.2. No unresolved mental health problems (Including, but not limited to: failure to engage in help-seeking behaviors, chronic mental health disorders, a pattern of relapse in systems/illness, unwillingness, or inability to overcome mental health disorder, or prolonged absence from one's mental health duties due to risk associated to patients, self, or staff.
3.6.3. Must remain proficient and current in Respiratory Therapy IAW AFI 41-106, Medical Readiness Program Management.
3.6.4. Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, Computer Security.
3.6.5. AFRC/ANG requirements for retention in AFSCs 4H051/4H071/4H091:
3.6.6. AFRC/ANG Respiratory Care Practitioners. Member (4H0X1) assigned to a medical UTCs will maintain a RRT and hold a Respiratory Therapy job that constitutes Full Time (FT) or Part Time (PT) employment at a Level I or II medical center with access to a critical care environment with ventilator management to meet requirements of AFTTP 3-42351, CCATT, and maintain required proficiencies. Other job locations will need to be approved by the 4H0X1 Career Field Manager, routed through AFRC/ANG Functional Managers.

NOTE: For the 4H0X1 AFSC, the minimum credential is the Registered Respiratory Therapist Certification in Respiratory Care. However, various states or healthcare systems may require additional certifications in Respiratory Care. The ARC member must be aware of and achieve these requirements based on their individual situations.

CEM Code 4J000
AFSC 4J090, Superintendent
AFSC 4J072*, Craftsman
AFSC 4J052*, Journeyman
AFSC 4J032*, Apprentice
AFSC 4J012*, Helper

PHYSICAL MEDICINE
(Changed 30 Apr 18)

1. **Specialty Summary:** Manages and directs personnel, materiel, and equipment. Administers patient care activities in physical therapy, occupational therapy, and orthotic services. Implements treatment plans and coordinates activities to ensure efficient and effective programs associated with patient care delivery programs. Related DoD Occupational Subgroup: 130300.

2. **Duties and Responsibilities:**
2.1. Plans, implements, and manages physical therapy, occupational therapy, and orthotic services. Maintains high care standards and ethical conduct while working as part of a patient care team. Participates in planning, providing, and evaluating patient care Interventions. Utilizes therapeutic principles to restore function and support activities of daily living. Conducts treatments utilizing special equipment, modalities, and other treatment procedures. Fabricates splints and aid devices to protect or assist patient in achieving optimal independent physical function. Constructs orthoses for spine, upper, and lower limbs; casts and corrects shoes as prescribed by a privileged provider. Gathers and documents performance data. Observes, records, and reports patient responses to treatment. Assists therapist with evaluations, tests, measurements, procedures, and wound and burn care.
2.2. Performs, assists with, or manages physical therapy, occupational therapy and orthotic services administration and all related activities to assure effective and efficient delivery of patient care and programs. Supervises and conducts continuing education and in-service and upgrade training. Oversees and participates in process improvement efforts to boost clinic efficiency.
2.3. Manages material and equipment. Recommends need for resource requirements. Submits annual budget. Ensures compliance with inspection and maintenance procedures, and safeguards equipment. Provides quality patient care in an ethical, legal, safe, sanitary, caring, and efficient environment.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: sciences including physical, physiological, anatomical, social, and behavioral; basic and clinical sciences, including laboratory or other practical experience; testing and treatment procedures constituting scope of physical medicine and orthotic scope of practice; therapeutic modalities; orthotic laboratory equipment; medical terminology; communication skills and instruction methods; basic medical logistics procedures; administrative procedures; and medical ethics.
3.2. Education. For entry into this specialty, completion of high school or college courses in human anatomy and physiology, biology, and physical sciences are mandatory. Completion of oral communication (Speech, 3 semester hours), written communication (English Comp, 3 semester hours) and mathematics (intermediate algebra or college-level math) is mandatory for entry into 4J0X2.
3.3. Training.
3.3.1. For award of AFSC 4J032, completion of physical medicine course is mandatory.
3.3.2. For award of 4J032A, completion of an orthotic apprentice course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 4J032A. Qualification in and possession of AFSC 4J052 or higher.
3.4.2. 4J052. Qualification in and possession of AFSC 4J032. Also, experience in functions such as administering patient care.
3.4.3. 4J052A. Qualification in and possession of AFSC 4J032A. Also, experience in functions such as fabricating, adjusting, and repairing orthopedic orthoses.
3.4.4. 4J072. Qualification in and possession of AFSC 4J052. Also, experience performing or supervising functions within the physical therapy or occupational therapy element.
3.4.5. 4J072A. Qualification in and possession of AFSC 4J052A. Also, experience performing or supervising functions within the orthotic element.
3.4.6. 4J090. Qualification in and possession of AFSC 4J072 or 4J072A. Also, experience managing functions within the physical therapy, occupational therapy, or orthotic element.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this AFSC as indicated:
3.5.1.1. See attachment 4 for additional entry requirements.
3.5.2. For entry into AFSC 4J0X2A, prior qualification at the 5-skill level in AFSC 4J0X2.
3.5.3. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

4. **Specialty Shredouts:**

Suffix	*Portion of AFS to Which Related*
A	Orthotic

CEM Code 4N000
AFSC 4N091, Superintendent
AFSC 4N071*, Craftsman
AFSC 4N051*, Journeyman
AFSC 4N031*, Apprentice
AFSC 4N011*, Helper

★AEROSPACE MEDICAL SERVICE
(Changed 31 Oct 25)

1. ★**Specialty Summary.** Plans, provides, and evaluates routine patient care and treatment of beneficiaries to include flying and special operational duty personnel. Organizes, coordinates, executes, and evaluates nursing activities in the medical environment. Performs and directs support activities for patient care situations, including contingency operations and disasters. Performs duty as Neurodiagnostic Technologist (NDT/4N0X1B), Independent Duty Medical Technician (IDMT/4N0X1C), Allergy and Immunization Technician (AIT/4N0X1D), Flight and Operational Medical Technician (FOMT/4N0X1F), Aeromedical Evacuation Technician (AET/4N0X1G), National Registry Paramedic (NRP/4N0X1H), Special Operations Command (SOC) Medic, Critical Care Technician (CCT), Neurodiagnostic Technologist (NDT), Dialysis Medical Technician, or Certified Hyperbaric Technologist (CHT). Related DoD Occupational Subgroup: 130000.

2. ★**Duties and Responsibilities.**
2.1. ★Provides, supervises, and manages patient care of beneficiaries to include flying and special operational duty personnel. Performs nursing tasks. Acts as Air Force Medical Home member or team leader. Front-line preventionist who identifies potential health risks and provides preventative counseling. Performs paraprofessional portions of preventative health assessments and physical examinations. Monitors and records physiological measurements. Orients patients to the hospital environment. Admits, discharges, and transfers patients as directed. Reports and records observations in patient progress notes and team conferences. Performs portions of medical treatment, diagnostic, and therapeutic procedures. Cares for, observes, and reports on pre/post-operative, seriously or critically ill, and injured patients. Records treatments and procedures rendered and observes effects. Performs postmortem care. Identifies patient problems and assists in developing and evaluating patient care plan(s). Assembles, operates, and maintains therapeutic equipment. Provides field medical care in contingency operations, disasters and austere environments. Performs basic life support, tactical combat casualty care (TCCC) and triage in emergency situations. Serves as member of primary emergency medical response to installation 911 Emergency Medical Services (EMS) response, in-flight emergencies, medical/trauma emergencies, and potential mass casualty scenarios for on- and off-base incidents. Operates emergency medical and other vehicles. Loads and unloads litter patients. Participates in contingency or disaster field training, exercises, and deployments. Augments search and rescue flying squadrons. Obtains and maintains linen and supplies/areas. Disposes of medical waste. Maintains inpatient and outpatient medical records. Screens medical records for medical readiness requirements related to duty status and deployability. Prepares and submits administrative reports. Manages supplies and equipment, submits, and executes budgets. Coordinates medical service activities with execution and clinical management teams. Utilizes the nursing process for promoting and maintaining patient health. Provides disease and disability education, care, and evaluation of nursing care. Participates in and leads the planning, implementation, and evaluation of nursing care. Performs assessment and analysis of patient health status, identifies health goals, recognizes subtle changes in conditions, interprets these changes, and immediately determines appropriate course of action. Engages in critical evaluation of pre-appraised information such as clinical practice guidelines, evidence-based policies and procedures, and evidence syntheses.
2.2. Supervises personnel, conducts training, and creates duty schedules. Schedules and/or conducts in-service training on procedures, techniques, and equipment. Schedules and/or conducts periodic disaster training and evacuation procedures. Provides training to medical and non-medical personnel; training may include areas such as emergency services, TCCC and required basic and or advanced life support training.
2.3. ★Performs Flight and Operational Medicine Clinic and Base Operational Medicine Clinic duties. Assists flight surgeon with aircraft mishap and physiological incident response, investigation, and reporting. Supports flight surgeon to develop flying safety and deployment briefings. Assists healthcare provider teams with interpretation and application of medical standards to determine medical qualifications for all medical clearance reviews . Provides administrative management of duty limiting conditions reports. Assists with oversight of waiver management utilizing the Aircrew Information Management Waiver Tracking System (AIMWTS). Maintains grounding management on all aircrew assigned utilizing the Aeromedical Services Information Management Systems (ASIMS). Performs the paraprofessional Special Warfare Airmen (SWA) and initial flying class physicals. Conducts clinical entries for data into the Physical Examination Processing Program (PEPP) and manages physical until completion. Provides first point of contact for non-empaneled patients requiring physical examinations (i.e., Department of Defense Medical Examination Review Board (DoDMERB), Reserve Officer Training Corps (ROTC), and others that are an extension of the occupational exam). Performs preventive health assessment (PHA) record reviews and annual paraprofessional exams (when applicable) for flying status and non-flying status personnel and updates results of required tests and examinations into ASIMS and electronic health record (EHR).
2.4. Performs IDMT duties at home station and deployed locations, remote sites, and alternate care locations. Renders medical, dental, and emergency treatment; recommends and coordinates evacuations for definitive medical treatment. Performs pharmacy, laboratory, bioenvironmental, immunizations, public health, medical logistics and medical administration duties. Establishes preceptorship and provides forward area health care IAW applicable guidelines in an austere or bare-base environment.

2.5. Special Operations Command (SOC) Medics perform special operations medical support providing initial combat point of injury care, on-going field trauma care, and multi-modal patient movement (MMPM) to definitive care.
2.5.1. SOC medics are ideally suited to Special Operations Forces (SOF) and Combat Search and Rescue (CSAR) mission support for establishing bare-base encampments.
2.6. ★Performs Aeromedical Evacuation (AE) ground and/or flight duties as a non-career enlisted aviator. Performs pre- flight/inflight patient care and documentation. Provides emergency care for patients in event of medical and/or aircraft emergencies in accordance with the Aeromedical Evacuation Clinical Protocols (AECP). Functions as an aeromedical evacuation crewmember (AECM). Prepares patients, equipment, and aircraft for flight. Enplanes and deplanes patients. Loads and unloads baggage. Operates specialized aircraft flight equipment, medical devices and aircraft systems related to patient care. Assist with mission planning, launch, and recovery. Performs continuous ground/flight training.
2.7. Performs Allergy and Immunization (AI) duties.
2.7.1. Allergy: Manages immunotherapy care and performs diagnostic tests as ordered by physician. Prepares allergenic extracts and/or specific allergy treatment extracts. Performs allergy skin and anergy testing.
2.7.2. Immunization: Manages computer-based patient information. Performs tuberculosis testing. Administers vaccines IAW current guidelines. Provides emergency care for treatment of anaphylaxis. Provides patient education regarding expected reactions and proper post-vaccination care. Provides oversight of immunization processes and programs. Manages the Immunization Backup Technician (IBT) program.
2.8. Performs Neurodiagnostic duties. Assists physician with and prepares patients for examination, treatment, and diagnostic procedures. Assembles, operates, maintains, and performs routine user maintenance of electroencephalographic and electromyographic equipment. Assists in performing special electroencephalographic and electromyographic procedures. Ensures appropriate care and storage of tracings and reports.
2.9. Performs Critical Care duties. Prepares patient with special equipment for transfers. Performs and assists with examinations and special procedures including mechanical ventilation, cardiovascular and neurovascular procedures, and dialysis.
2.10. Performs Hyperbaric medical duties. Prepares patients and equipment for hyperbaric dive. Provides wound care debridement. Prepares hyperbaric chamber and properly positions patients. Functions as hyperbaric dive crewmember. Assists hyperbaric nurse or provider with patient care during dive. Provides emergency care for patients in event of medical or hyperbaric chamber emergencies.
2.11. Performs Dialysis Medical Technician duties. Prepares patient and performs procedures using specialized renal dialysis equipment.
2.12. ★Performs Paramedic duties in peacetime and contingency environments. Serves as subject matter expert in pre-hospital patient transport and care. Delivers and coordinates care between points of illness or injury, within transport echelons between far forward and fixed medical facilities, and until patient care is relinquished to another component within the continuum of care. Maintains thorough patient care documentation. Obtains information from persons involved or present at point of injury or illness, examines casualties, and determines nature, extent, or magnitude of illness or injury to establish treatment protocols to be followed or the need for additional assistance. Maintains proficiency in the use and routine management of transport equipment and methods including invasive airways, mechanical ventilators, perisurgical devices, medications, analgesia and sedation, and cardiovascular monitoring and support.

3. **Specialty Qualifications:**
3.1. Knowledge. The following knowledge is mandatory for award of AFSC indicated:
3.1.1. 4N0X1/X. Medical terminology, anatomy and physiology; nursing theory, techniques and procedures; nursing assessment; team nursing; patient needs; emergency medical treatment to include cardiopulmonary resuscitation; aseptic technique; medical ethics and legal aspects; prescribed drugs/immunizations and their administration; population health concepts; operating and maintaining therapeutic equipment; transportation of sick and wounded; risk management; medical computer systems; resource management military hygiene and sanitation; fundamentals of primary care management (PCM); preventive medicine and counseling techniques; physical examinations and standards, contingency operations, disaster preparedness and chemical warfare; flight physiology fundamentals; maintenance of the human weapon system; and operational readiness of the war fighter.
3.1.2. 4N0X1B. Neurological patient examination, treatment, and diagnostic procedures; operation and user maintenance of electroencephalographic, electromyographic, and other neurodiagnostic equipment.
3.1.3. 4N0X1C. Medical, dental, and emergency treatment; disorders; advanced cardiac and disease management; epidemiology; and entomology. Pharmacy, laboratory, bioenvironmental, immunizations, public health, medical logistics, and medical administration.
3.1.4. 4N0X1D. Immunotherapy injection, immediate and delayed skin testing, mixing, and diluting of allergen extracts, spirometry, vaccine storage and handling procedures; disease prevention through vaccinations.
3.1.5. 4N0X1F. Physical examinations procedures, aircrew medical waivers, medical standards, and duty limiting conditions.
3.1.6. 4N0X1G. Members in an X4N0X1G active flying aircrew billet are worldwide qualified on five different aircraft and operate clinically independent of a Military Treatment Facility while evacuating and transporting patients to higher echelons of care. Members in 4N0X1G billets perform Aeromedical Evacuation Controllers duties, Aeromedical Evacuation Air Advisor duties, and/or Command Manager duties.
3.2. Education. For entry into this specialty, member must meet initial accession requirements as annotated in AFMAN 36-2032.Courses in general science, biology, psychology, and chemistry are desirable.
3.3. Training. The following training is mandatory for the award of the AFSC indicated:
3.3.1. 4N031. Completion of the Aerospace Medical Service Apprentice (AMSA) Course Phase I and II.
3.3.2. 4N031B. Completion of a Basic Neurology Technician course.
3.3.3. 4N031C. Completion of Independent Duty Medical Technician course and certification at the host medical treatment facility.

3.3.4. 4N031D. Completion of Allergy/Immunology Technician Course.
3.3.5. 4N031F. Completion of Flight and Operational Medical Technician course.
3.3.6. ★X4N051G. Completion of 4N0X1 5-level, Aeromedical Evacuation Foundational Basics Course, Aeromedical Evacuation Practicum Course, and Aeromedical Evacuation Initial Qualification Course, Water Survival and SERE. *Note: All members retraining as a 4N0X1G are initially placed in a flying billet (X4N051G/71G). The "X" prefix denotes a flying billet. After the member serves an initial tour in an "X" prefix flying billet, the member may be reassigned into a ground billet (4N051G/71G).
3.3.7. 4N031H. Completion of an accredited National Registry Paramedic (NRP) course and certification from the National Registry of Emergency Medical Technicians (NREMT) as an NRP. After initial certification, continued certification is mandatory.
3.3.8. X4N051G. Completion of Aeromedical Evacuation Foundational Basics, Aeromedical Evacuation foundational Basics, Aeromedical Evacuation Practicum, Aeromedical Evacuation Initial Qualification, Water Survival and SERE.
3.4. Experience. The following experience is mandatory for the award of AFSC indicated:
3.4.1. 4N051/51X. Qualification in and possession of AFSC 4N031/31X. Experience performing functions such as care and treatment of patients, operating and maintaining therapeutic equipment.
3.4.2. 4N071/71X. Qualification in and possession of AFSC 4N051/51X. Also experience performing or supervising functions such as nursing activities; care and treatment of patients; operating and maintaining therapeutic equipment; and conducting paraprofessional portions of physical examinations.
3.4.3. 4N091. Qualification in and possession of AFSC 4N071/71X. Experience managing functions such as medical and related patient care and administrative activities.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into AFSCs 4N0X1/X1X:
3.5.1.1. ★No unresolved mental health issues (including but not limited to failure to engage in help-seeking behaviors, a continuous pattern of relapse in symptoms/illness, unwillingness, or inability to overcome mental health disorder) that would prevent member in the performance of their duties.
3.5.1.2. A minimum score or 36 of the /TAPAS Predictive Success Model (PSM) and a minimum score of G55 on the ASVAB.
3.5.1.3. ★See attachment 4 of the DAFECD for additional entry requirements.
3.5.2. For award and retention of AFSCs 4N0X1/X1X:
3.5.2.1. Certification from the National Registry of Emergency Medical Technicians (NREMT) as an emergency medical technician is mandatory. After initial certification, continued certification is mandatory. NOTE: Individuals who possess National Registry Advanced Emergency Medical Technician (NRAEMT) or National Registry Paramedic (NRP) certification exceed the NREMT requirement and are not required to also maintain a NREMT certification.
3.5.2.2. For award and retention for all 4N AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.3. ★No evidence or history of civilian conviction, Letter of Reprimand, Article 15, or courts martial conviction as a result of physical assault, sexual assault, sexual harassment, or any other sexual misconduct, domestic violence, or illegal drug use. No record of ethical misconduct (including but not limited to racial discrimination, sex discrimination, falsifying records, knowingly making incorrect health record entries, or HIPAA violations) that result in Article 15 or courts martial conviction. No history of a continuous pattern of ethical misconduct.
3.5.3. For entry, award, and retention into 4N0X1B, the following are mandatory:
3.5.3.1. Prior qualification in and possession of PAFSC 4N051/71. Must have current EMT/BLS certification and Fitness Assessment through entirety of initial training course.
3.5.4. For entry, award, and retention of 4N0X1C, the following are mandatory:
3.5.4.1. Prior qualification in and possession of PAFSC 4N0X1.
3.5.4.2. Must maintain eligibility to deploy and mobilize worldwide. Must also meet qualification to perform duties at an austere location according to the provisions of DAFMAN 48-123 and Medical Standards Directory.
3.5.4.3. Ability to speak English clearly and distinctly as demonstrated by Reading Aloud Test (RAT). Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, Ground Transportation.
3.5.5. For entry, award, and retention of PAFSC X4N051G/X4N071G, the following are mandatory:
3.5.5.1. See attachment 4 for entry requirements.
3.5.5.2. Physical qualification for aircrew duty according to DAFMAN 48-123, *Medical Examinations and Standards*, Class III medical standards and height requirements.
3.5.5.3. Normal depth perception as defined in DAFMAN 48-123. Minimum height of 60 inches with a minimum functional reach of 72 inches. No maximum height restriction.
3.5.6. AFRC and ANG members (ONLY), For entry into AFSC X4N0X1G - Must have a structured discussion with gaining unit's 4N Functional Manager or approved 4N0X1 Functional Leader with delegated authority prior to accession.
3.5.7. For entry into 4N0X1D, prior qualification in and possession of PAFSC 4N031/51/71.
3.5.8. For entry into 4N0X1F, prior qualification in and possession of PAFSC 4N031/51/71.
3.5.9. For entry into X4N0X1G, prior qualification in and possession of PAFSC 4N051/71.
3.5.10. For entry into 4N0X1H, prior qualification in and possession of PAFSC 4N031/51/71.
3.5.11. ★(AFRC Only) - For 4N051/71 assigned to Critical Care UTCs, they must: Receive 5 skill level, complete all CFETP Critical Care core tasks (hands-on or SIMM), maintain ACLS certification (completed within 12 months of assignment to the UTC), completion of the Air Force Enlisted Critical Care Course.

4. ***Specialty Shredouts**

Suffix	*Portion of AFS to Which Related*
B	Neurodiagnostic Medical Technician
C	Independent Duty Medical Technician
D	Allergy/Immunization Technician

Suffix	*Portion of AFS to Which Related*
F	Flight and Operational Medical Technician
G	Aeromedical Evacuation Technician
H	National Registry Paramedic

NOTE: *Suffix C, D, F, G, and H applies to 1-, 3-, 5- and 7-skill levels.*

CEM Code 4N000
AFSC 4N191, Superintendent
AFSC 4N171*, Craftsman
AFSC 4N151*, Journeyman
AFSC 4N131*, Apprentice
AFSC 4N111*, Helper

SURGICAL TECHNOLOGIST
(Changed 30 Apr 25)

1. **Specialty Summary.** Participates in, and manages planning, providing, and evaluating surgical patient care activities and related training programs. Organizes the medical environment, performs, and directs support activities in patient care situations, including contingency operations and disasters. Assists professional staff in providing patient care for the surgical patient before, during, and after surgery. Performs scrub and circulating duties in the operating room (OR). Assists with post-anesthesia recovery of patients. Processes, stores, and distributes sterile supplies. Participates in planning, implementing, and evaluating management activities related to the OR and Sterile Processing and Distribution (SPD). Performs duties as Urology, Orthopedic, Otolaryngology, and Special Operations Surgical Team (SOST) Surgical Technologists. Related DoD Occupational Subgroup: 130100.

2. **Duties and Responsibilities:**
2.1. Directs, performs, and coordinates administrative functions. In coordination with executive management team, establishes administrative policies for surgical functions and provides input into strategic resource planning. Manages the preparation of correspondence, records, and their maintenance. Determines methods and sources of obtaining data for routine or special reports. Directs, coordinates, and validates budget requirements. Serves as a consultant to MAJCOM Functional Manager. Participates or assists in developing and implementing command programs. Conducts staff assistance and consultant visits. Assists the executive management team with developing, interpreting, and evaluating instructions, regulations, policies, and procedures. Oversees development, implementation and evaluation of medical readiness plans and programs. Oversees and participates in implementation of continual quality improvement plans and programs.
2.2. Provides, supervises, and manages surgical patient care activities. Performs surgical tasks. Acts as team leader and member. Transports patients, and related records to and from the OR and recovery room. Assists nursing staff with preoperative patient preparation activities. Helps with routing medical materiel management activities. Accomplishes routine safety checks and operator preventive maintenance on fixed and moveable medical equipment and fixtures. Performs routine and specialized housekeeping activities. Prepares OR for surgery by setting up and opening sterile supplies and instruments. Assists anesthesia personnel with patient positioning and anesthesia administration. Applies principles of asepsis, infection control, and medical ethics. Assists with terminal cleanup of OR and prepares for follow-up procedures. Assembles, wraps, and sterilizes instrument sets, supplies, and linen packs. Stores, maintains, and distributes sterile patient care items. Prepares specimens for transport to the laboratory. Performs scrub duties in OR. Scrubs hands and arms and dons sterile gown and gloves. Prepares and maintains sterile instruments, supplies, and equipment of draped tables and stands. Counts sponges, needles, instruments, and related items with circulating nurse before, during, and after surgical procedures. Assists the operative team with applying sterile drapes to the surgical field. Passes instruments, sutures, and other supplies to the sterile operative team. Anticipates surgeon's needs and assist with surgical procedures as directed. Cares for surgical specimens on the sterile field. Cleans and prepares instruments and reusable supplies for terminal sterilization and decontamination. Participates in contingency or disaster field training, exercises, and deployments.
2.3. Performs recovery room or basic nursing duties. Assists surgeon and nursing staff with monitoring and recording vital signs. Administers oxygen, helps arouse patient, and carries out surgeon's post-operative orders. Assists with identifying and managing of postoperative complications.
2.4. Performs general clinic functions. Schedules and prepares patients and sets up instruments, supplies, and equipment for specialized procedures in the OR and specialty clinics. Assists specialty surgeon during surgical and diagnostic procedures. Assembles, operates, and maintains diagnostic and therapeutic equipment. Orders diagnostic laboratory and radiographic procedures as directed. Performs administrative activities unique to specific surgical clinics.
2.5. Provides medical training to agencies and personnel other than medical. Training includes areas such as aseptic technique and Tactical Casualty Combat Care. Schedules in-service training in new procedures, techniques, and equipment. Provides required basic life support training. Conducts or schedules periodic disaster training, fire drills, and evacuation procedures.
2.6. Performs urology functions. Operates special urological radiography equipment. Administers injections, catheterizes patients, performs laboratory tests and procedures, and administers intravesical medications under supervision of the physician.
2.7. Performs orthopedic functions. Applies and removes casts and splints as directed by health care providers. Assembles and applies orthopedic traction devices. Administers topical anesthetics under supervision of the physician. Instructs patients in using crutches, canes, and other orthopedic appliances.
2.8. Performs otolaryngology functions. Performs minor diagnostic and therapeutic ear, nose, and throat (ENT) procedures. Administers topical anesthetics under supervision of the physician. Performs diagnostic hearing evaluations and vestibular function tests.
2.9. SOST Surgical Technologists perform special operations damage control surgical/resuscitation support in austere conditions, and organic critical care CASEVAC.

2.10. SOST Surgical Technologists are also required to conduct biannual field training in which they plan, coordinate, and execute SOST specific Mission Essential Task Lists (METL's) to ensure members are properly trained in how to merge surgical skills onto multiple SOF aircraft as well as other opportune, air, land, and sea platforms.
2.11. Performs management and training functions as a surgical technologist. Plans and schedules workloads and duty assignments. Establishes work methods and standards. Evaluates work capability and proficiency of subordinates. Plans and conducts training. Interprets policies and instructions. Inspects and evaluates activities and procedures to ensure maintenance of asepsis and proper environmental, equipment, and facility safety conditions. Analyzes requirements and supervises requisition, storage, maintenance, and issue of equipment and supplies. Supervises, prepares, and maintains reports and records.

3. **Specialty Qualifications:**
3.1. Knowledge. The following knowledge is mandatory for award of AFSC indicated:
3.1.1. 4N1X1/X1X. Fundamentals of anatomy and physiology; principles of asepsis and sterile techniques; preparing and storing surgical sets and packs, surgical instrumentation, and equipment; OR and anesthesia procedures; pathology as it applies to specimen care and handling; basic microbiology and infection control principles; basic surgical pharmacology; sterilizing and disinfecting procedures; surgical and anesthesia complications and their treatment; Medical Treatment Facility (MTF); and OR environmental hazards and safety procedures; handling and storage of compressed gases; basic medical material procedures; basic medical administrations procedures; legal aspects of preoperative care and medical ethics; roles and qualifications of surgical team members; and basic clinical functions.
3.1.2. 4N1X1B. Anatomy and physiology of the genitourinary system and its disorders, genitourinary system terminology, and radiology techniques in urological procedures.
3.1.3. 4N1X1C. Anatomy and physiology of the musculoskeletal system and its disorders; musculoskeletal system terminology; common practices, techniques, and principles of fracture immobilization including plaster and other casting materials; methods and principles of traction application; and common orthopedic complications and their management.
3.1.4. 4N1X1D. Anatomy and physiology of the head and neck; disorders of ENT; medical terminology related to the ENT specialty; and special audiometry testing.
3.2. Education. For entry into this specialty, completion of high school is required with courses in general science, biology, chemistry, hygiene, and psychology desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 4N131. Completion of the surgical service resident and clinical course.
3.3.2. 4N131B. Completion of the basic urology course.
3.3.3. 4N131C. Completion of the basic orthopedic course.
3.3.4. 4N131D. Completion of the basic otolaryngology course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 4N151/51X. Qualification in and possession of AFSC 4N131/31X. Also, experience in functions such as general care and treatment of patients; assisting the operative team and nursing staff in surgery; preparing patients for surgery; and performing sterile, unsterile, and related surgical activities.
3.4.2. 4N171/71X. Qualification in and possession of AFSC 4N151/51X. Also, experience supervising and performing functions such as assisting surgeon and supervisor.
3.4.3. 4N191. Qualification in and possession of AFSC 4N171/71X. Also, experience managing functions such as medical, surgical, and related patient care and administrative activities.
3.5. Other. The following are mandatory as indicated:
3.5.1. See attachment 4 for additional entry requirements.
3.5.2. For entry into shredouts B, C, and D, prior qualification, and possession of AFSC 4N151.
3.5.3. For entry, award, and retention of AFSCs 4N1X1/X, the following are mandatory as indicated:
3.5.3.1. Must not have chronic, untreated emotional instability or other unresolved mental health conditions according to the provisions of AFI 48-123, *Medical Examinations and Standards*.
3.5.3.2. No latex sensitivity or dermatosis major issues resulting in rashes or inflammation of the skin preventing surgical task completion. No fear of blood according to the provisions of AFI 48-123.
3.5.3.3. No limitations for continuous standing according to the provisions of AFI 48-123.
3.5.3.4. For new recruits only, minimum score of 23 required on 4N1 Tailored Adaptive Personality Assessment System (TAPAS) and a general minimum score of 44 on the Armed Services Vocational Aptitude Battery (ASVAB) predictive success model (PSM).
3.5.4. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

4. ***Specialty Shredouts**

Suffix	*Portion of AFS to Which Related*
B	Urology
C	Orthopedics
D	Otolaryngology

***NOTE**: Suffixes B, C, and D apply to 1-, 3-, 5- and 7-skill levels only.*

CEM Code 4P000
AFSC 4P091, Superintendent
AFSC 4P071, Craftsman
AFSC 4P051, Journeyman
AFSC 4P031, Apprentice
AFSC 4P011, Helper

★PHARMACY
(Changed 31 Oct 25)

1. **Specialty Summary.** Manages administrative and technical pharmacy activities. Requisitions, stocks, compounds, and dispenses pharmaceuticals. Safeguards controlled drugs. Maintains and operates pharmacy information systems. Related DoD Occupational Subgroup: 131200.

2. **Duties and Responsibilities:**
2.1. Compounds and dispenses pharmaceuticals. Interprets prescriptions and formulas for appropriateness and conformity with established guidelines. Confers with prescribers or patients on questions to assure desired therapeutic outcome. Performs and verifies pharmaceutical calculations. Selects and prepares drug orders according to accepted standards. Manufactures, labels, and stores preparations according to accepted compendia and reference literature.
2.2. Performs inventory control functions. Establishes requirements, requisitions, and stores drugs and equipment. Prepares orders needed for emergency, controlled drug, or other special items. Initiates defective drug product complaints. Processes adverse drug reaction reports.
2.3. Plans and organizes pharmacy activities. Develops economical, efficient work methods and operating procedures. Coordinates pharmacy activities with other functional areas. Develops and directs pharmacy quality assurance programs.
2.4. Inspects and evaluates pharmacy activities. Conducts periodic inspections of all drug storage and usage areas. Corrects discrepancies and maintains inspection reports.
2.5. Develops formulations. Assists in the development of new or modified drug formulations. Maintains current drug information literature for pharmacy and medical staff. Participates in Pharmacy and Therapeutics Committee functions.
2.6. Performs pharmacy administrative functions. Provides proper maintenance and disposal for all pertinent Air Force and drug records. Prepares and revises Medical Facility Drug Formulary.
2.7. Operates and maintains data automation equipment. Performs routine cleaning and maintenance of computer software and hardware. Revises data automation needs in accordance with current technology and availability.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: pharmaceutical chemistry; pharmaceutical calculations; pharmacology and medical ethics; pharmacy management; medical administrative procedures; quality assurance; medical supply and local procedures; documentation management.
3.2. Education. For entry into this specialty, successful completion of one year of high school or one semester of college for both algebra and biology or algebra and chemistry, with a final grade of C or higher is mandatory. Completion of high school or college courses in anatomy, physiology, automated data processing, and typing is desirable.
3.3. Training. For award of AFSC 4P031, completion of a basic pharmacy course is mandatory.
3.4. Experience. The following experience is mandatory for award of AFSC indicated:
3.4.1. 4P051. Qualification in and possession of AFSC 4P031. Also, experience in preparing, storing, or dispensing medications.
3.4.2. 4P071. Qualification in and possession of AFSC 4P051. Also, experience performing or supervising function such as compounding, storing, or dispensing medicinal preparations.
3.4.3. 4P091. Qualification in and possession of AFSC 4P071. Also, experience managing functions such as those involved in administrative and technical pharmacy operations.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. ★See attachment 4 for additional entry requirements.
3.5.1.3. ★Must score at least a 34 percentile on Pharmacy Predictive Success Model (Pharmacy PSM) that is composed of Armed Services Vocational Aptitude Battery (ASVAB) subtests and Tailored Adaptive Personality Assessment System (TAPAS) facets selected for the 4P0X1 specialty or the MAGE requirement reflected on attachment 4.
3.5.2. For entry, award, and retention of these AFSCs, ability to speak distinctly without speech impediment.
3.5.3. For award and retention of AFSCs 4P031/51, ability to keystroke at a rate of 25 words per minute.
3.5.4. For award and retention of AFSC 4P071:
3.5.4.1. Must complete DoD Tech-Check-Tech Program
3.5.4.2. Must pass the National Certified Pharmacy Technician Examination (CPhT). After initial certification, continued certification is mandatory unless member retrains outside of the specialty.
3.5.5. For award and retention of AFSCs 4P091/00, ability to communicate clearly, both orally and in writing.

3.5.6. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

CEM Code 4R000
AFSC 4R090, Superintendent
AFSC 4R071*, Craftsman
AFSC 4R051*, Journeyman
AFSC 4R031*, Apprentice
AFSC 4R011*, Helper

DIAGNOSTIC IMAGING
(Changed 30 Apr 25)

1. **Specialty Summary**. Operates equipment to produce diagnostic images and assists radiologist or physician with special procedures. Prepares equipment and patients for diagnostic studies and therapeutic procedures. Performs technical and administrative imaging activities. Ensures health protective measures such as standard and transmission-based precautions and radiation protection are established and employed. Assists the radiation oncologist. Manages diagnostic imaging functions and activities. Related DOD Occupational Subgroup: 131300.

2. **Duties and Responsibilities:**
2.1. Operates fixed and portable radiographic equipment to produce routine diagnostic medical images. Computes techniques and adjusts control panel settings such as kilovoltage, milliamperage, exposure time, and focal spot size. Positions patient to image desired anatomic structures. Selects image recording media, adjusts table or image receptor (cassette holder), aligns x-ray tube for correct distance and angle, and restricts radiation beam for maximum patient protection. Exposes and processes images.
2.2. Uses specialized equipment to perform nuclear medicine, mammography, sonography, computed tomography, and magnetic resonance imaging. Selects imaging protocols and required accessories and makes adjustments based on the specific examination requirements. Records and processes the image. Manipulates the recorded image using computer applications.
2.3. Assists physicians with fluoroscopic, interventional, and special examinations. Instructs patients preparing for procedures. Prepares and assists with contrast media administration. Maintains emergency response cart. Assists physician in treating reactions to contrast material. Prepares sterile supplies and equipment. Operates accessory equipment such as automatic pressure injectors, and digital imagers, stereotactic biopsy devices, and vital signs monitoring equipment. Performs image subtraction and manipulation techniques.
2.4. Performs and supervises general diagnostic imaging activities. Cleans and inspects equipment and performs preventive maintenance. Receives patients, schedules appointments, prepares and processes examination requests and related records, and processes images and reports. Enters and maintains data in picture archiving and communication system (PACS), radiology information systems (RIS) and hospital information system (HIS). Assists with phase II didactic and performance training, evaluation and counseling of students, and maintenance of student academic records. Participates in formal research projects.
2.5. Establishes and maintains standards, guidelines, and practices. Composes protocols. Prepares routine positioning guides and technique charts. Reviews images to ensure quality standards are met. Performs equipment quality control checks. Monitors personnel to ensure protective procedures such as those in the As Low As Reasonably Achievable (ALARA) radiation safety, hazardous material communications, and Air Force occupational safety and health programs are followed. Performs tests on radiation protection equipment. Assesses staff competence, and monitors appropriateness of care and completeness of examination requests.
2.6. Plans, organizes, and supervises diagnostic imaging activities. Analyzes workload and establishes production controls and performance standards for administrative and technical activities. Coordinates on interdepartmental issues that interface with diagnostic imaging. Prepares and implements financial plan, and monitors and analyzes annual expenditures. Prepares equipment purchase requests and justifications. Monitors equipment performance and preventive maintenance activities. Recommends new equipment procurement. Performs as the diagnostic imaging facility manger.

3. **Specialty Qualifications**:
3.1. Knowledge. The following knowledge is mandatory for award of the AFSC indicated:
3.1.1. 4R0X1/X1X. Human anatomy and physiology; medical terminology and ethics; legal aspects of medicine; healthcare accreditation standards; radiation physics, biology, and protection; basic electronics theory; techniques of operating x-ray and specialized diagnostic imaging equipment; radiographic positioning; patient care and monitoring techniques; image recording media and processing techniques; quality control procedures; aseptic and sterile techniques; reactions to contrast media; cardiopulmonary resuscitation; methods of recording the fluoroscopic image; patient and equipment safety budget preparation and execution; and medical records administration.
3.1.2. 4R0X1A. Algebra, nuclear physics, clinical chemistry, nuclear pharmacology, and Nuclear Regulatory Commission regulations concerning use of radionuclides.
3.1.3. 4R0X1B. Ultrasound physics; techniques of operating specialized ultrasound components and equipment; basic knowledge of vascular and abdominal anatomy (topical and cross-sectional), including normal variant anatomy, abnormal anatomy, and obstetric anatomy; and abnormal anatomy transducer characteristics, differences, and use.
3.1.4. 4R0X1C.Magnetic physics, magnetism, magnetic safety, radio frequency, and magnetic physics; techniques of operating MRI equipment; and advanced knowledge of cross-sectional anatomy applicable to MRI.
3.1.5. 4R0X1D. Mammography physics, Breast Anatomy, Physiology, & Pathology, QA/QC, breast implants, positioning and compression including 8 hours of Digital Mammography training, 8 hours of Digital Breast Tomosynthesis training, tracking mammography patient outcomes using the MHSG and Medical Reporting System, techniques of operating a mammography unit and

specialized biopsy equipment to produce quality images of the breasts for diagnostic purposes under direction of a physician and to comply with Food and Drug Administration, American College of Radiology, and all other accrediting body regulations.
3.1.6. 4R0X1E. Undergo advanced specialty training. Assists physicians with special/minimally invasive, image guided vascular radiology procedures for patients, ensuring compliance with all radiation safety procedures.
3.1.7. 4R0X1F. Executes medical imaging techniques used to obtain detailed internal images of the body to help diagnose disease, trauma or abnormality. Plan and guide interventional or therapeutic procedures to monitor the effectiveness of therapy.
3.2. Education. For entry into this specialty, completion of high school or general education development equivalency with successful completion of courses in algebra, and biology or general science are mandatory. The following college course are required: English Composition I (3 credits) and Speech (3 credits). AP exam English Composition (minimum score of 3) is accepted in place of English Composition I. Successful completion of high school or collegiate courses in chemistry and physics is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 4R031. Completion of Diagnostic Imaging Phase I and Phase II courses.
3.3.2. 4R031A. Completion of the Nuclear Medicine Phase I and Phase II courses.
3.3.3. 4R031B. Completion of a Diagnostic Medical Sonography Phase I and Phase II Courses.
3.3.4. 4R031C. Completion of Magnetic Resonance Imaging Course.
3.3.5. 4R031D. Completion of the Mammography Course.
3.3.6. 4R031E. Completion of the Air Force's Vascular Interventional program or ASRT's Vascular Interventional Essentials course.
3.3.7. 4R031F. Completion of the Computed Tomography Course and CT Basics 2.0
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 4R051. Qualification in and possession of AFSC 4R031. Also, experience operating x-ray equipment, and producing and processing radiographs.
3.4.2. 4R051A/B/C/D/E/F. Prior qualification in and possession of AFSC 4R031A/B/C/D/E/F. respectively. Also, experience performing applicable shred (nuclear medicine, diagnostic medical sonography, MRI, Mammography, Interventional Radiography, or Computed Tomography) functions and activities.
3.4.3. 4R071. Prior qualification in and possession of AFSC 4R051. Also, experience performing or supervising functions such as producing radiographs, assisting with fluoroscopy and special radiographic procedures.
3.4.4. 4R071A/B/C/D/E/F Prior qualification in and possession of AFSC 4R051A/B/C/D/E/F respectively. Also, experience performing or supervising nuclear medicine, diagnostic medical sonography, MRI, Computed Tomography, Mammography or Interventional Radiography functions and activities.
3.4.5. 4R090. Prior qualification in and possession of AFSC 4R071N, 4R071, 4R071A, 4R071B, 4R071C, 4R071D,4R071E or 4R071F. Also, experience managing radiologic, nuclear medicine, ultrasound, MRI, Mammography, Interventional Radiography or Computed Tomography functions and activities; mandatory experience of medical service organization and function, medical administrative procedures, medical supply procedures, medical equipment management procedures, personnel management and administration. Adherence to Nuclear Regulatory Commission regulations governing medical use of radioisotopes, applicable environmental protection standards, preparation for execution of budgets, management of non-military personnel, and applicable accreditation standards and inspection procedures.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. A minimum age of 18 years prior to entry into technical training.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For entry into 4R0X1A/B/C/D/E/F, prior qualification in and possession of AFSC 4R051/71. To meet FDA and ACR mandates, a radiologic national certification is mandatory prior to entry into the 4R0X1D shred.
3.5.3. For award and retention of these AFSCs, must maintain local network access IAWAFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.3.1. Members serving within the 4R0X1D shred must maintain their radiologic national certifications.
3.5.3.2. Reassigning back to slick 4R0X1 AFSC, current manning levels will be considered prior to approval.
3.5.3.3. Members assigned to the 4R0X1A/B/C/D/E/F modalities are eligible to pursue transitioning back to the slick 4R0X1 AFSC following five years of service in their selected modality.
3.5.3.4. Members may start this process at the 54-month mark by discussing their intentions with their respective Associate Career Field Manager (ACFM) and their MAJCOM Functional Manager (MFM).
3.5.3.5. Each request will be addressed on a case-by-case basis as there are several factors that will be considered prior to members being reassigned back to the slick 4R0X1 AFSC.
3.5.3.6. Members serving in overseas locations will be required to work with their respective ACFM and MFMs at least two assignment cycles prior to their DEROS to ensure they are not given an assignment based off shred.
3.5.3.7. If member elects to extend their DEROS or has an approved IPCOT (In Place Consecutive Overseas Tour), they must fulfill their current shred in that overseas location.
3.5.3.8. Members serving within the 4R0X1D/E/F shreds may apply to retrain into all other shreds after serving two years within that modality. Additionally, individuals who are serving within the 4R0X1C shred may apply to retrain within all other shreds after serving a time of three years within that specialty.
3.5.3.9. Each request will be addressed on a case-by-case basis and will be worked through each ACFM, the respected MFM and the CFM.

3.5.4. All appeals for member's desiring to be reassigned back to the slick 4R0X1 AFSC will be made with the advisement and consent of the Career Field Manager.

4. ***Specialty Shredouts:**

Suffix	***Portion of AFS to Which Related***
A	Nuclear Medicine
B	Diagnostic Medical Sonography
C	Magnetic Resonance Imaging
D	Mammography
E	Interventional Radiography
F	Computed Tomography

CEM Code 4T000
AFSC 4T090, Superintendent

MEDICAL LABORATORY

1. **Specialty Summary.** Manages all medical laboratory activities in support of patient care, medical research, and military public health. Related DoD Occupational Subgroup: 131100.

2. **Duties and Responsibilities:**
2.1. Plans and organizes medical laboratory activities. Composes local medical laboratory regulations. Advises superiors regarding status and adequacy of equipment, supplies, personnel training, and operating efficiency. Coordinates with other activities, agencies, and organizations.
2.2. Directs medical laboratory activities. Resolves problems about operating medical laboratory activities. Ensures supply and equipment availability. Applies continuous and effective internal quality control of all medical laboratory departments.
2.3. Inspects and evaluates medical laboratory activities. Inspects of medical laboratory activities. Furnishes deficiency reports and outstanding accomplishments to superiors. Interprets inspection findings and recommends corrective action. Supervises laboratory work area maintenance according to good laboratory technique, taking precautions to maintain safe conditions for both hospital and laboratory personnel. Evaluates laboratory quality control programs effectiveness.
2.4. Performs medical laboratory functions. Assists medical officers and allied scientists in research assignment in broad pathology field. Prepares tissue for electron microscopy. Directs toxicology procedures performance incident to aerospace pathology and forensic medicine programs. Assists biological warfare officer in developing procedures for detecting bacteriological agents incident to biological warfare.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: pathology and histopathology fundamental, clinical chemistry, urinalyses, hematology, microbiology, blood banking, immunology, medical terminology, medical ethics applicable to performing medical laboratory procedures, and medical laboratory management and medical administration principles.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 4T090, qualification in and possession of AFSC 4T071/72 or 4T073 is mandatory. Also, experience is mandatory managing functions such as preparing body tissues for microscopic study, chemical analyses, or bacteriology.
3.5. Other. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 4T071, Craftsman
AFSC 4T051, Journeyman
AFSC 4T031, Apprentice
AFSC 4T011, Helper

MEDICAL LABORATORY

(Changed 30 Apr 16, Effective 22 Jun 15)

1. **Specialty Summary.** Tests and analyzes specimens of human origin and other substances by established scientific laboratory techniques to aid in diagnosing, treating, and preventing diseases or to support medical research; and supervises medical laboratory activities. Related DoD Occupational Subgroup: 131100.

2. **Duties and Responsibilities:**
2.1. Performs hematological tests and urinalyses. Accomplishes standardized quantitative and qualitative evaluation of erythrocytes, leukocytes, and thrombocytes. Examines stained blood smears microscopically and refers any abnormal cells to superiors. Performs coagulation studies on human blood and plasma. Performs chemical, macroscopic, and microscopic urine specimen examinations.
2.2. Performs chemical analysis. Analyses human material or other products submitted to the laboratory, using photometric, calorimetric, titrimetric, radioisotope, or any other chemical or physical procedures applicable to clinical chemistry. Calibrates and maintains all instruments. Makes necessary calculations and reports data to superiors. Reviews all chemistry procedures to ensure current procedures are used.
2.3. Performs blood bank duties. Draws and processes blood aseptically by standardized techniques. Completely types donors' and recipients' blood; assists in cross matching blood to establish donor-recipient compatibility, reporting any abnormal reactions to immediate supervisor. Prepares blood derivatives. Accomplishes all techniques required for blood transfusion service.
2.4. Performs microbiological and serological tests. Conducts procedures to isolate and identify bacteria by gross and microscopic examination, staining, biochemical and immunological procedures, or any other determination of growth characteristics. Performs sensitivity test on pathogenic bacteria. Assists in identifying viruses and fungi. Applies parasitological techniques to recover and identify parasites. Applies standard serological tests for identifying antibodies specific to diseases.
2.5. Accomplishes general medical laboratory duties. Conducts bacteriological and chemical examination of food products, water, dairy products, and sewage incidental to preventive and veterinary medicine programs. Takes all necessary precautions to maintain safe conditions in laboratory for both laboratory and hospital personnel. Performs preventative maintenance procedures on laboratory equipment. Performs and evaluates laboratory quality control procedures. Prepares reagents for use in test performance.
2.6. Plans, organizes, directs, coordinates, and evaluates medical laboratory activity. Composes local medical laboratory regulations. Applies continuous effective internal quality control of all medical laboratory departments. Advises superiors regarding status and adequacy of equipment, supplies, personnel training, and operating efficiency. Coordinates with other activities, agencies, and organizations. Resolves problems about operating medical laboratory activities. Inspects medical laboratory activities. Furnishes deficiency reports and outstanding accomplishments to superiors. Interprets inspection findings and recommends corrective actions.
2.7. Performs medical laboratory functions. Assists medical officers and allied scientist in research assignments in broad pathology field. Prepares tissue for electron microscopy. Directs toxicology procedures performance incident to aerospace pathology and forensic medicine programs. Assists in epidemiological investigations. Assists biological warfare officer in developing procedures for detecting bacteriological agents incident to biological warfare.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of hematology, urinalyses, clinical chemistry, microbiology, blood banking, immunology, medical terminology, medical ethics applicable to performing medical laboratory procedures, medical laboratory management and medical administrative principles, pathology and histopathology fundamentals, and routine equipment maintenance.
3.2. Education. For entry into this specialty, completion of high school or college courses in algebra, chemistry and biological sciences (e.g. anatomy and physiology, botany, general biology, microbiology, zoology, etc.) is mandatory.
3.3. Training. For award of AFSC 4T031, completion of the basic medical laboratory course is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 4T051. Qualification in and possession of AFSC 4T031. Also, experience in performing functions in urinalyses, hematology, bacteriology, serology, and chemistry.
3.4.2. 4T071. Qualification in and possession of AFSC 4T051. Also, experience performing or supervising functions such as work normally performed in a routine clinical laboratory (class A dispensary or hospital); specialty performance of tests or technical supervisory experience in clinical chemistry, bacteriology, toxicology, or virology at class A, class B, or analogous laboratory; or combination of foregoing types of experience.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

AFSC 4T072, Craftsman
AFSC 4T052, Journeyman
AFSC 4T032, Apprentice
AFSC 4T012, Helper

HISTOPATHOLOGY
(Changed 30 Apr 21)

1. **Specialty Summary.** Performs sub-professional duties at autopsies, prepares autopsy and surgical specimens, and supervises histopathology activities. Related DoD Occupational Subgroup: 131100.

2. **Duties and Responsibilities:**
2.1. Prepares surgical, cytological, and autopsy specimens. Receives and prepares specimens for fixation, dehydration, and impregnation processes by either manually or automatically sending specimens through a series of formalin, alcohols, clearing agents, and paraffin. Embeds tissues and prepares paraffin blocks for cutting on rotary microtome. Attaches cut tissues on microscopic slides and clears paraffin wax from tissue. Obtains tissue slides by surgical, cytological, or autopsy number. Performs routine and special staining procedures on sectioned tissue. Submits finished tissue slides to the pathologists.
2.2. Performs duties at autopsies. Serves as technical assistant at autopsies. Assists pathologist in opening abdominal, pleural, and cranial cavities; examining various organs; and procuring and handling specimens from these organs. Prepares remains for transfer to mortuary, to include cleaning and closing all incisions. Labels and stores autopsy specimens until pathologist makes final examination prior to fixing, processing, and staining.
2.3. Maintains histopathology records and instruments. Maintains complete records of all surgical, cytological, and autopsy specimens, to include filing and storing of paraffin blocks and stained tissue slides by accession number. Prepares and ships blocks, slides and diagnostic reports to various military and civilian medical facilities. Maintains all surgical and autopsy instruments.
2.4. Performs quality assurance. Evaluates current and new procedures for implementation and effectiveness. Monitors specimen handling, cutting, and staining quality; and equipment, reagent, and supply inventory. Assists in maintaining accreditation standards.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: methods of fixing, processing, embedding, cutting, and staining all types of tissue; properties of various biological stains and reagents; autopsy procedures; equipment maintenance; and medical terminology, ethics, and basic administration.
3.2. Education. For entry into this specialty, completion of high school or college courses in algebra, chemistry and biological sciences (e.g. anatomy and physiology, botany, general biology, microbiology, zoology, etc.) is mandatory.
3.3. Training. For award of 4T032, completion of a histopathology course is mandatory. Attendees of the course will challenge the American Society for Clinical Pathology (ASCP) Histotechnician (HT) certification examination.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 4T052. Qualification in and in possession of AFSC 4T032.
3.4.2. 4T072. Qualification in and in possession of AFSC 4T052.
3.4.3. 4T090. Qualification in and possession of either AFSC 4T071 or 4T072 is mandatory.
3.4.4. Training. The following training is mandatory for award of the AFSC indicated:
3.4.5. 4T052. No mandatory AETC training courses are required for upgrade, but members must maintain HT certification.
3.4.6. 4T072. No mandatory AETC training courses are required for upgrade, but members must maintain HT certification.
3.4.7. 4T090. No mandatory AETC training courses are required for upgrade, but members must maintain HT certification.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty
3.5.1.1. Member will need to have: Passing color vision, as defined by getting a 55 or better on the Cone Contrast Test (CCT), or, correctly identifying at least 10 of 14 Ishihara Plates (PIP). (CCT should be primary testing choice, but PIP is acceptable if CCT is not available at testing site.)
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

CEM Code 4V000
AFSC 4V091, Superintendent
AFSC 4V071*, Craftsman
AFSC 4V051*, Journeyman
AFSC 4V031*, Apprentice
AFSC 4V011*, Helper

OPHTHALMIC
(Changed 31 Oct 24)

1. **Specialty Summary.** Performs and manages visual screening tests and assists in patient treatment. Processes prescriptions for military eyewear. Performs and manages optometry and ophthalmology clinic activities. Manages and directs ophthalmic service personnel, materiel, equipment, and programs. Supervises technical and administrative activities of ophthalmic services. Related DoD Occupational Subgroup: 132300.

2. **Duties and Responsibilities:**
2.1. Performs ophthalmic services. Assists the health care provider in the examination and treatment of patients by performing visual tests or procedures. Records patient case history, conducts visual screening tests such as visual acuity, cover test, pupillary testing, color vision, depth perception, visual field charting, corneal topography, and tonometry for analysis and interpretation. Takes ophthalmic photographs. Administers ophthalmic drops and ointments and applies ocular dressings.
2.2. 4V0X1 specific: Orders, fits, and dispenses military eyewear. Instructs patients on contact lens procedures. Assists air crew members in aviator contact lens and night vision goggle program. Assist personnel in occupational vision and refractive surgery programs.
2.3. 4V0X1S specific: Performs as an ophthalmic surgical assistant and prepares preoperative and postoperative patients. Prepares injectable ophthalmic anesthetics and antibiotics. Assists with suture removal and obtains eye cultures. Performs ancillary testing such as ocular ultrasonography, retinal imaging, slit lamp photography, and fluorescein angiography.
2.4. Manages ophthalmic resources. Determines requirements for supplies, equipment, and personnel. Develops and maintains a working environment to provide timely, economical, and operational support. Directs budget and manages ophthalmic activities. Ensures periodic maintenance and calibration checks on clinic diagnostic equipment are completed.
2.5. Manages ophthalmic administrative services. Directs safety, infection control, training, and other clinic specific programs. Coordinates technical and administrative activities of ophthalmic services to ensure effective and efficient use of ophthalmic personnel. Executes self-inspections, reviews reports and records for accuracy and compliance. Reports findings and service's activities. Establishes or recommends ophthalmic standards, regulations, policies, or procedures to ensure quality patient care in a safe, efficient, and effective ophthalmic environment.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: Ocular anatomy; ophthalmic medications; visual physiology, optics; use and maintenance of ophthalmic instruments and testing equipment; ophthalmic and medical instructions; medical terminology; ophthalmic technology; asepsis; ocular referrals and emergency medical treatment; patient transportation; medical ethics; medical administration; and medical service organization and function. Surgical instruments and equipment, ophthalmic injectable medications, anesthetic solutions, and ocular disorders.
3.1.1. 4V0X1S. Surgical instruments and equipment, gowning, and gloving, maintaining sterile field, common ocular surgical procedures, ophthalmic injectable medications, fluorescein angiography, and ocular disorders.
3.2. Education. For entry into this specialty, completion of high school courses in algebra, geometry, trigonometry, physics, biology, anatomy, or physiology is desirable.
3.3. Training. The following is mandatory for award of the AFSC indicated:
3.3.1. 4V031/S. Completion of the Medical Education Training Campus (METC) Ophthalmic Technician program.
3.3.2. 4V031S. Completion of the basic ophthalmology surgical course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 4V051. Qualification in and possession of AFSC 4V031/S. Also, proficiency through on-the-job training of all applicable optometry tasks listed in 4V0X1/S CFETP. Experience in caring for and treating ophthalmic patients and in operating and maintaining ophthalmic equipment such as lensometers, vision screening instruments, visual field measuring instruments, tonometers, and fitting optical and ophthalmic devices.
3.4.2. 4V051S. Qualification in and possession of AFSC 4V031/S. Proficiency through on-the-job training of all applicable ophthalmology tasks listed in 4V0X1/S CFETP. Experience as an ophthalmic surgical assistant in preparing preoperative and postoperative patients; injectable ophthalmic anesthetics and antibiotics; performing suture removal and obtaining eye cultures. Also, experience in performing ancillary testing such as ocular ultrasonography, retinal imaging, slit lamp photography, and flourescein angiography.
3.4.3. 4V071. Qualification in and possession of AFSC 4V051/S. Also, experience performing or supervising ophthalmic functions such as caring for and treating patients, operating ophthalmic testing equipment, and fitting optical and ophthalmic devices.
3.4.4. 4V071/S. Proficiency through on-the-job training of all applicable ophthalmology tasks listed in 4V0X1 CFETP.
3.4.5. 4V091. Qualification in and possession of AFSC 4V071/S. Also, experience managing optometry or ophthalmology activities.

3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into AFSCs 4V0X1/S:
3.5.1.1. Vision correctable to at least 20/30 in either eye.
3.5.1.2. No detectable central scotoma in either eye with best acuity.
3.5.1.3. See attachment 4 for additional entry requirements.
3.5.2. For entry into shredout, prior qualification and possession of AFSC 4V031.
3.5.3. For entry, award, and retention of AFSC 4V0X1S, the following are mandatory as indicated:
3.5.3.1. No record of emotional instability according to the provisions of AFI 48-123, *Medical Examinations and Standards*.
3.5.3.2. No limitations of continuous standing according to provisions of AFI 48-123.
3.5.3.3. No latex sensitivity or dermatosis resulting in rashes or inflammation of the skin preventing surgical task completion.
3.5.3.4. Medically qualified in accordance with AFI 48-137, *Respiratory Protection Program*.
3.5.4. For award and retention of AFSC 4V051/S, National certification, and recertification from one of the following:
3.5.4.1. American Optometric Association (AOA), with a minimum certification level of Certified Paraoptometric Technician (CPOT) or
3.5.4.2. Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) with a minimum certification level of Certified Ophthalmic Assistant (COA).
3.5.4.3. Award of certification is required within 24 months of obtaining 5-skill level.
3.5.5. For award and retention of AFSC 4V091, National certification and recertification from one of the following:
3.5.5.1. American Optometric Association (AOA), with a minimum certification level of Certified Paraoptometric Assistant (CPOA) or
3.5.5.2. Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) with a minimum certification level of Certified Ophthalmic Assistant (COA).
3.5.5.3. Award of certification is required within 24 months of obtaining 5-skill level.
3.5.6. For award and retention of AFSC 4V071/S, National certification and recertification from one of the following:
3.5.6.1. AOA with a minimum certification level of CPOA, or
3.5.6.2. JCAHPO with a minimum certification level of COA.
3.5.7. For award and retention of AFSC 4V091, National certification and recertification from one of the following:
3.5.7.1. AOA with a minimum certification level of CPOA, or
3.5.7.2. JCAHPO with a minimum certification level of COA.
3.5.8. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

4. ***Specialty Shredouts:**

Suffix	***Portion of AFS to Which Related***
S	Ophthalmology

DENTAL CAREER FIELD (4Y)
Introduction
(Changed 30 Apr 07)

The Dental Career Field provides paraprofessional support in the delivery of dental health care to authorized beneficiaries both in-garrison and in a deployed environment. This includes assisting in general dentistry, oral and maxillofacial surgery, prosthodontics, endodontics, periodontics, orthodontics, and pediatric dentistry. In addition, services are provided in dental radiology, preventative dentistry, dental laboratory, and office administration/practice management.

Excluded from this career field are functions of operating medical facilities and paraprofessional medical care of authorized personnel. These functions are included in the Medical Career Field (4X).

CEM Code 4Y000
AFSC 4Y090, Superintendent

DENTAL
(Changed 30 Apr 13, Effective 30 Jul 12)

1. **Specialty Summary.** Assists the Chief of Dental Services (CDS) in the overall management and operation of dental services. Related DoD Occupational Subgroup: 133000.

2. **Duties and Responsibilities:**
2.1. Manages dental clinic and laboratory activities. Participates in medical and dental service strategic planning. Reviews correspondence, reports, and records for accuracy. Maintains administrative and clinical record systems. Develops and analyzes statistical controls; implements improved clinical procedures and work methodology. Manages the annual operating budget and conducts prof it analysis. Develops, coordinates, and implements administrative and ancillary training programs.
2.2. Administers unit self-assessment program. Inspects and evaluates dental practices and procedures ensuring compliance with Air Force and civilian oversight agency guidelines. Interprets inspection findings; reports deficiencies, recommended corrective actions, and outstanding accomplishments to the CDS.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of oral and dental anatomy; fundamentals of physiology; dental therapeutics; systemic diseases; medicines; dental materials and instruments; sterile/infection control techniques; dental treatment room or laboratory procedures; preventative dentistry; dental radiology, dental practice management, budgeting, and dental administrative duties.
3.2. Education. Completion of high school or college level courses in biology, chemistry, dental practice management, and business administration is desirable.
3.3. Training.
3.4. Experience. For award of AFSC 4Y090, qualification in and possession of AFSC 4Y071, 4Y071H, or 4Y072 is mandatory. Also, experience is mandatory in functions such as general clinic and/or laboratory procedures, dental practice management, budgeting, and dental administration.
3.5. Other. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.

AFSC 4Y071*, Craftsman
AFSC 4Y051*, Journeyman
AFSC 4Y031, Apprentice
AFSC 4Y011, Helper

DENTAL ASSISTANT

(Changed 30 Apr 13, Effective 30 Jul 12)

1. **Specialty Summary.** Performs paraprofessional tasks and oral hygiene duties. Supervises dental assistant functions. Related DoD Occupational Subgroup: 133000.

2. **Duties and Responsibilities:**
2.1. Assists the dentist in the delivery of dental care. Receives patient, examines dental health record, and prepares patient for treatment. Adjusts the dental chair and selects and arranges instruments, materials, and medicaments for use. Measures and records blood pressure. Prepares syringe for injection of anesthetics. Retracts tissues and maintains clear operating field. Prepares materials for making impressions and restoring defective teeth. Performs expanded function dental assisting duties as required in support of dental treatment. Records entries in individual health dental records indicating condition of the oral cavity and treatment accomplished.
2.2. Performs dental health duties. Performs oral prophylaxis and periodontal scaling procedures utilizing hand instruments and/or ultrasonic scalers. Applies anticariogenic agents and places sealants. Polishes restorations and instructs patients in dental health maintenance. Assists in planning, developing, and conducting comprehensive dental health programs.
2.3. Exposes and processes dental radiographs/images. Adjusts radiographic equipment settings. Exposes intraoral/extraoral radiographs/images utilizing conventional and/or digital radiographic equipment. Processes, labels, and mounts film as applicable. Selects templates to identify appropriate film position and orientation. Practices and enforces accepted radiation safety standards.
2.4. Engages in general dental duties. Follows infection control procedures and guidelines. Cleans, sterilizes, and sharpens dental instruments. Conducts sterilization equipment monitoring. Performs daily inspection and user maintenance of dental equipment. Practices and enforces accepted safety standards.
2.5. Performs dental administrative duties. Engages in dental practice management. Coordinates patient appointments utilizing an automated appointment scheduling system. Maintains dental health records, filing systems, and publications. Reviews correspondence, reports, and records for accuracy. Develops, manages, and conducts unit hazard communication and dental training programs. Performs dental materiel functions related to budgeting procurement, custodial responsibilities, and maintenance and disposition of dental supplies and equipment.
2.6. Administers unit self-inspection program. Inspects and evaluates administrative and paraprofessional practices employed in the dental service. Interprets inspections findings and reports deficiencies and outstanding accomplishments to Chief of Dental Services (CDS). Consults with the CDS to enhance administrative and paraprofessional functions.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of oral and dental anatomy; fundamentals of physiology; dental therapeutics; systemic diseases; medicines; dental materials and instruments; sterile/infection control techniques; dental treatment room and laboratory procedures; preventive dentistry; dental administration; budgeting; and user level equipment maintenance.
3.2. Education. For entry into this specialty, completion of high school or college level courses in biology and chemistry is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 4Y031. Completion of a basic dental assistant course.
3.3.2. 4Y0X1H. Completion of a minimum 2-year American Dental Association accredited degree awarding Dental Hygiene program.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 4Y051. Qualification in and possession of AFSC 4Y031. Also, experience in functions such as assisting the dentist in the delivery of patient treatment, exposing dental radiographs, performing oral prophylaxis procedures, and maintaining dental equipment.
3.4.2. 4Y071. Qualification in and possession of AFSC 4Y051. Also, experience performing and supervising functions such as assisting the dentist in the delivery of patient treatment, exposing dental radiographs, and performing oral prophylaxis procedures and dental administrative duties.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards.*
3.5.1.2. A minimum age of 18 years prior to entry into technical training.
3.5.1.3. See attachment 4 for additional entry requirements.
3.5.2. For entry into H shred, prior qualification in and possession of PAFSC 4Y051/71.
3.5.3. For award and retention of AFSCs 4Y051H/71H, must maintain current State Licensure as a Dental Hygienist.
3.5.4. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

4. ***Specialty Shredouts:**

Suffix	*Portion of AFS to Which Related*
H	Dental Hygienist

NOTE: Suffix H applies to the 5- and 7-skill levels only.

AFSC 4Y072, Craftsman
AFSC 4Y052, Journeyman
AFSC 4Y032, Apprentice
AFSC 4Y012, Helper

DENTAL LABORATORY
(Changed 31 Jan 12)

1. **Specialty Summary.** Fabricates and repairs dental and maxillofacial prostheses and appliances. Inspects dental laboratory equipment and supervises dental laboratory activities. Related DoD Occupational Subgroup: 133100.

2. **Duties and Responsibilities:**
2.1. Performs procedures to fabricate and repair complete dental prostheses; fixed and removable partial dental prostheses; and individual crowns, inlays, pontics, splints, stabilizers, and space maintainers. Uses precious and non-precious metals, acrylic resins, and porcelain as basic materials.
2.2. Manages dental laboratory administrative tasks and equipment. Maintains dental laboratory records. Prepares reports on laboratory activities. Requisitions, stores, and issues supplies. Inspects equipment and performs minor maintenance. Reports defective equipment or utilities for corrective action. Accounts for precious metals expended. Inspects and evaluates administrative and technical procedures. Furnishes deficiency reports and outstanding accomplishments to Chief of Dental Services (CDS). Interprets inspection findings and recommends corrective action. Consults and coordinates with CDS for improving procedures. Institutes corrective measures and maintains follow-up action to ensure adequacy and compliance.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: oral anatomy and physiology; inorganic chemistry; metallurgy fundamentals; dental laboratory technology; dental material physical and chemical properties; dental materials; instruments; infection control procedures; dental laboratory technology; dental administration; budgeting; dental laboratory equipment and maintenance requirements.
3.2. Education. For entry into this specialty, completion of high school or college level courses in biology and chemistry is desirable.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 4Y032. Completion of a basic dental laboratory course.
3.3.2. 4Y072. Completion of the advanced dental laboratory course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 4Y052. Qualification in and possession of AFSC 4Y032. Also, experience fabricating prosthodontic restorations, including fixed, removable, and orthodontic appliances.
3.4.2. 4Y072. Qualification in and possession of AFSC 4Y052. Also, experience performing and supervising functions such as fabricating and repairing dental prostheses and appliances.
3.5. Other. The following is mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards.*
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

PARALEGAL CAREER FIELD (5J)
Introduction
(Changed 30 Apr 25)

Air Force paralegals provide full-spectrum legal support under the supervision of an attorney in compliance with American Bar Association Standards and the Air Force Rules of Professional Conduct. Paralegals provide legal services to commanders, service members and other eligible beneficiaries as authorized by Congress; prepare, review, execute, and maintain legal documents, including but not limited to powers-of-attorney, wills and notaries; investigate claims filed for and against the Air Force; conduct legal research and draft legal reviews in the military justice, civil law, operational and international law domains; provide investigative assistance for the government, defense or victim(s) during military courts-martial, boards or other forums as directed. As Air Force leaders, paralegals are expected to provide critical analysis and problem solving on an array of legal issues to ensure commanders have mission-driven legal support that enables successful operations.

CEM Code 5J000
AFSC 5J091, Superintendent
AFSC 5J071, Craftsman
AFSC 5J051, Journeyman
AFSC 5J031, Apprentice
AFSC 5J011, Helper

PARALEGAL
(Changed 30 Apr 25)

1. **Specialty Summary.** Manage and perform substantive and procedural legal work as authorized by law, which work, in the absence of the paralegal, would be performed by an attorney, in compliance with *American Bar Association (ABA) Model Rules of Professional Conduct*, Air Force Instruction 51-110, *Professional Responsibility Program* and Department of the Air Force Instruction 51-101, *The Air Force Judge Advocate General's Corps (AFJAG) Operations, Accessions and Professional Development.* Paralegals provide legal services for commanders, service members and other eligible beneficiaries as authorized by congress and policy; conduct legal research, analysis, and writing; perform leadership and technical functions in the military justice, civil law, operational and international law domains to include review of legal memoranda or other legal instruments; assist attorneys with trial, defense and/or victim advocacy as directed; prepare, review, execute, and maintain legal documents, including but not limited to powers of attorney, wills and notaries; communicate professionally with all personnel to include government agencies or officials and senior leaders. Related DoD Occupational Subgroup: 151200.

2. **Duties and Responsibilities:**
2.1. Perform, plan, and organize, legal services in the areas of military justice, civil law, operational and international law, and office, program and personnel management; establish standards and evaluate completed actions to determine accuracy, content, and compliance with governing directives, instructions, and statutes; prepare written communications, process correspondence and maintain suspense files; compile, input, update, retrieve, and interpret statistical data; prepare and present statistical reports on legal activities in various forums; create graphic presentations; conduct legal research by reviewing and analyzing available precedents; prepare legal reviews and memoranda and make final legal recommendations for the Staff Judge Advocate (SJA) or other senior attorney; maintain, stage, and dispose of official records; perform self-inspections and correct deficiencies; develop and maintain legal assistance materials and resources for clients; prepare for and participate in Inspector General and Article 6, UCMJ inspections; maintain confidentiality, protect personally identifiable and protect confidential unclassified information and classified material in accordance with applicable guidance; complete reporting requirements.
2.2. Military Justice. Under the supervision of an attorney, provide administrative and litigation support in processing and execution of all judicial and nonjudicial (Article 15) matters, to include other administrative actions according to applicable laws and instructions, the *Manual for Courts-martial (MCM*) and other guidance whether part of the government, defense or victim teams; examine preliminary evidence for sufficiency of facts and jurisdiction over offense(s) and offender; assist commanders and first sergeants with determining appropriate forum for disciplinary actions; perform legal research and draft charges and specifications for courts-martial and Article 15 actions; prepare, process, and secure all documentation/evidence required for courts-martial and Article 15 actions from investigation through final action assist attorneys with investigating leads, conducting witness/victim interviews, to include witness/victim care and travel, reviewing case status, and developing case strategy; examine all actions and records of legal proceedings to ensure accuracy and completeness prior to review by commanders and final processing; review and assemble transcripts of legal proceedings; use the applicable case management systems and detailed checklists to accurately capture case details, monitor case progress, analyze military justice programs and prepare status of discipline presentations for commanders; process administrative separation actions in accordance with applicable laws, instructions and other guidance; perform legal research and prepare legal reviews for decision making authorities; to track and provide reports on the administrative separations of Department of the Air Force members.
2.3. Civil Law. Under the supervision of an attorney, provide legal support in ethics, standards of conduct, environmental, labor and employment, claims, contract law and other areas under the civil law domain; perform research and draft legal reviews and briefs as needed; process line of duty determinations, report of survey investigations and off-duty employment requests; interview clients and determine eligibility for legal assistance; consult clients to obtain facts, background information, and data to determine conflict and/or appropriate assistance or referral to other agencies; prepare documents such as powers of attorney, wills, promissory notes, affidavits, deeds and bills of sale; function as notary public under federal law (Title 10 USC); use the applicable case management systems for claims adjudication and program management and Legal Assistance Website to manage legal assistance appointments, prepare documents and generate reports; receive, examine, adjudicate, process, and settle claims filed for and against the United States Government pursuant to Air Force publications, applicable laws, and international agreements with foreign governments; evaluate basic claims and related documents to ensure compliance with time limits, jurisdiction and liability; consult with claimants on sufficiency and legality of claims covering matters such as death, personal injury, and property loss or damage; conduct claims investigations and interview witnesses to make preliminary determination of liability and extent of damages; settle claims within settlement authority or make recommendations on settlement; prepare claims to forward to appropriate activity or echelon; use the applicable for claims adjudication and program management.
2.4. Operations and International Law. Under the supervision of an attorney, assist commanders to ensure Department of the Air Force personnel are familiar with their Law of War obligations and are able to fulfill current training requirements with the DoD Law of War

Program in accordance with governing directives and statutes; monitor the reporting, investigation, and processing of any record of alleged law of war violation involving Department of Air Force personnel; ensure the timely review, processing, and filing of legal reviews involving weapons and weapons systems; coordinating Status of Forces Agreement requirements with the Operations and International Law Directorate, Civil Law & Litigation Directorate, Department of State and other Federal agencies for foreign claims processing or investigation personnel involved with an aircraft or ground safety investigation outside the United States; track criminal incidents occurring outside the United States involving US personnel (including service members, dependents, US civilians, and contractors) arrested, tried or imprisoned by another nation's criminal system; track criminal actions within the United States in State or Federal courts, involving foreign military members stationed within the United States; assist in the production of evidence or witnesses before the court and ensure pertinent information involving the alleged criminal charges is updated in the Foreign Criminal Jurisdiction database for higher headquarters visibility; track requests to negotiate, conclude and process all international agreements that fall under their organization; ensure all proposed international agreements are properly coordinated with appropriate agencies and reported in a timely manner as required by Federal law; serve as emergency preparedness coordinator for legal personnel participating in the AF Crisis Action Team, Operations Centers and Continuity of Government programs; review NATO and other Allied publications, Air Force and Joint Doctrine documents for legal sufficiency; assemble, coordinate, and provide information at the appropriate level to assist the Judge Advocate General's Article, UCMJ inspection program.
2.5. Manage resources.
2.5.1. Personnel. Identify requirements, develop position descriptions, hiring actions and assign workload; professionally develop, train and mentor total force, junior officers, enlisted and civilian personnel; monitor performance feedback and reporting; manage attached reserve component requirements and training; manage quarterly, annual, functional, and other award and recognition programs.
2.5.2. Fiscal. Assess program priorities and fiscal support capabilities; identify resource requirements, ascertain appropriate funding sources, submit, review and coordinate budget execution, implement adjustments and conduct follow-up; allocate resources and administer fiscal internal controls.
2.5.3. Facilities. Assess and process requests for facility maintenance, modification, and new construction to meet requirements; develop and coordinate self-help projects; schedule and evaluate facility usage and maintenance.

3. **Specialty Qualifications**
3.1. Knowledge. Keyboard and computer operations; UCMJ, MCM, and applicable Department of Air Force Instructions and other governing directives. English grammar and composition; math; functional organization of a military legal office; interview techniques and knowledge of legal procedures concerning military courts and boards; legal terminology and interpretations; research, writing, and utilization of legal publications and reference files; civil law matters to include claims processing; Air Force organization and administration; and office management.
3.2. Education. For entry into this specialty, completion of high school is required. Confirmed graduation from an Associate or higher program as documented in the Military Personnel Data System will suffice in lieu of high school diploma or GED. Completion of college level courses in English comprehension, math, and human resources is desirable. Familiarization with computer programs such as Microsoft Word, Excel, PowerPoint, and vital platforms is recommended.
3.3. Training. The following formal training is mandatory for award of the AFSC indicated:
3.3.1. 5J031. Completion of the Paralegal Apprentice Course.
3.3.2. 5J051. Completion of the Paralegal Journeyman Course (CDCs).
3.3.3. 5J071. Completion of the Paralegal Craftsman Course.
3.3.4. 5J091. Completion of the Paralegal Superintendent Course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 5J051. Qualification in and possession of AFSC 5J031. Basic to intermediate level competency in organizational management (training, leadership, personnel and office management), compliance (records, and case management), legal tenants (communication, legal research and analysis, legal writing, interview protocol), and areas of practice (civil law and litigation, military justice and discipline, operations and international law).
3.4.2. 5J071. Qualification in and possession of AFSC 5J051. Intermediate to advanced level competence in organizational management (training, leadership, personnel and office management), compliance (records and case management), legal tenants (communication, legal research and analysis, legal writing, interview protocol), and areas of practice (civil law and litigation, military justice and discipline, operations and international law).
3.4.3. 5J091. Qualification in and possession of AFSC 5J071. Advanced to expert level competency in organizational management (training, leadership, personnel and office management), compliance (records and case management), legal tenants (communication, legal research and analysis, legal writing, interview protocol), and areas of civil law and litigation, military justice and discipline, operations and international law).
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this AFSC:
3.5.1.1. Pre-accession. The applicant must be interviewed by the legal office Superintendent at Air Force Recruiting Service (AFRS) or another representative as designated by the Career Field Manager (CFM) or Senior Enlisted Advisor (SEA) to The Judge Advocate General.
3.5.1.2. Post-accession Certification by the AFRS Staff Judge Advocate and representative that the individual has been interviewed and is acceptable for entry and approved by the CFM or SEA.

3.5.1.3. Active Duty retraining only. Must complete 10 duty-day observation period with the wing legal office and have a memorandum/recommendation signed by the Wing Staff Judge Advocate and Superintendent/NCOIC Legal Office summarizing assessment activities forwarded to the MAJCOM Functional Manager. Note: MAJCOM/FLDCOM Functional Managers may waive the 10 duty-day observation period for cause (in writing).
3.5.1.4. Certification by the Wing Staff Judge Advocate and Superintendent/NCOIC. Legal Office that the individual has been interviewed and is acceptable for entry and recommended for acceptance by the MAJCOM/FLDCOM Functional Manager or CFM (in certain circumstances).
3.5.1.5. See attachment 4 for additional entry requirements.
3.5.1.6. No nonjudicial punishment under the provisions of Article 15, UCMJ in the previous 6 years.
3.5.2. For entry, award, and retention of this AFSC:
3.5.2.1. Ability to communicate effectively orally and in writing.
3.5.2.2. Ability to keyboard at a minimum rate of 25 words per minute.
3.5.2.3. Ability to speak clearly and distinctly.
3.5.2.4. No significant record of emotional instability, personality disorder, or other unresolved mental health concerns that may result the impairment of the paralegal duty function, or risk to the mission, as diagnosed by a certified medical provider.
3.5.2.5. No record of substance abuse, domestic violence, or child abuse.
3.5.2.6. No convictions by courts martial.
3.5.2.7. No convictions by a civilian court except for minor traffic violations and similar infractions listed DAFMAN 36-2032, Military Recruiting *Accessions*.
3.5.2.8. No nonjudicial punishment or administrative action (Letter of Reprimand, Letter of Admonishment, Letter of Counseling, or Record of Individual Counseling) based on sexual assault, sexual harassment, physical abuse or unprofessional or inappropriate relationship as defined in AFI 36-2909, Air Force Professional Relationships and Conduct.
3.5.2.9. No nonjudicial punishment or administrative action (Letter of Reprimand, Letter of Admonishment, Letter of Counseling, Record of Individual Counseling) reflecting a lack of integrity, and/or for violating ethical standards and/or professional responsibilities as defined in DAFI 51-110, Professional Responsibility Program and DAFI 51-101, The Air Force Judge Advocate General's (AFJAG) Corps Operations, Accessions and Professional Development.
3.5.2.10. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.11. Specialty may require routine access to Tier 3 (T3) information, systems, or similar classified environments (a current T3 Investigation required IAW DoDM 5200.02, DAFMAN 16-1405, *Air Force Personnel Security Program.* ***NOTE****:* Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, DAFMAN 16-1405.
3.6. Air Reserve Forces Only:
3.6.1. Must complete the Paralegal Reserve Orientation Course (ROC) within 18 months of accession.
3.6.2. Must attend the Annual Survey of the Law every three years, starting three years after their accession to The Judge Advocate General's Corps or three years after their first attendance at the Reserve Forces Paralegal Course, whichever occurs sooner.
3.6.3. Must attend Reserve Forces Paralegal Course (RFPC) once every four years.

RELIGIOUS AFFAIRS CAREER FIELD (5R)

Introduction

(Changed 30 Apr 24)

The Air Force Chaplain Corps Vision is 'To care for Airmen, Guardians and families more than anyone thinks possible." Although Religious Affairs Airmen facilitate religious freedom at home base, contingency, and deployed locations, being religious is not a requirement for this career field, but caring for ALL Airmen, Guardians, and their families is essential. Religious Affairs Airmen perform in a manner respectful of a diverse, pluralistic religious environment to support all faith groups and all service members, to include service members who are not religious. 5R0s provide administrative and logistical support for Worship Services and Religious Programs. They support spiritual fitness, resiliency, marriage and family, singles, and healthy relationship events. Religious Affairs Airmen typically operate in Religious Support Teams which consists of one Air Force Chaplain and one Religious Affairs Airman. This is modeled at every level of the Chaplain Corps. Religious Support Teams aim to be out and about with our Airmen and Guardians frequently. 5R0s advise leaders at all levels on matters pertaining to faith, religious accommodation, ethics, and morale concerns. Another aspect of this career field is crisis intervention and solution focused counseling: This is intended to be short-term interactions during which the primary goal is to stabilize the person in crisis, identify referral resources, and escort to care. The Religious Affairs Airmen Career Field is a unique field that offers opportunities to see the best and worst in people. This can be, and is often a rewarding career field, but it can also be draining on your own personal resilience. Resiliency and spiritual fitness are important aspects of the Air Force, and our role is to inspire readiness for the warfighter and their family to support the mission.

CEM Code 5R000
AFSC 5R091, Superintendent
AFSC 5R071, Craftsman
AFSC 5R051, Journeyman
AFSC 5R031, Apprentice
AFSC 5R011, Helper

RELIGIOUS AFFAIRS
(Changed 30 Apr 25)

1. **Specialty Summary.** The Chaplain Corps' core capabilities are Religious Accommodation, Spiritual Fitness and Advising Leadership. The Religious Affairs Career Field builds a culture of spiritual fitness and facilitates the free exercise of religion for assigned service members, their families, and other authorized personnel. As experts in principles of religious diversity, religious accommodation, spirituality, privileged communication, religious program management, and the spiritual domain of Comprehensive Airmen Fitness, Religious Affairs Airmen advise leaders at all levels on religious accommodation, ethical, moral and morale issues, especially for the enlisted force. Religious Affairs Airmen meet the diverse needs of military communities through religious program management, administrative, financial, and facility support. They recruit, train, and organize volunteers for Chaplain Corps programs and events. As the enlisted component of Religious Support Teams (RST), Religious Affairs Airmen are uniquely trained in crisis intervention and triage to include intervention counseling in moments of crisis, response to crises, suicide prevention, intervention and postvention. In addition, Religious Affairs Airmen are actively engaged and intentionally integrated into unit engagement plans to include unit meetings, commander calls, exerciseS, training events and other unit activities. They also are trained to equip themselves and teammates to perform religious support and force protection functions to successfully operate in any given environment or Area of Responsibility (AOR). In combat settings, Religious Affairs Airmen are responsible for coordinating the force protection of their non-combatant Chaplain counterparts. Religious Affairs conduct themselves in a manner that brings credit, pride and honorable distinction to the Department of the Air Force and its Chaplain Corps. Related DoD Occupational Subgroup: 156100.

2. **Duties and Responsibilities:**
2.1. Religious Accommodation:
2.1.1. Manage religious programs. Religious Affairs Airmen partner with chaplains to develop, manage, control, and evaluate religious programs to ensure effectiveness. This capability is critical to Airmen, Guardians, and their dependents in contingency and steady state environments.
2.1.2. Resource and manage support of religious observances to include worship, liturgies, rites, and other religious requirements for all faith groups.
2.1.3. Manage, in conjunction with Chaplain Corps personnel (e.g., Chaplains, GS [General Service] employees) manpower positions, personnel, volunteers, appropriated funds, Chapel Tithes and Offerings Funds (CTOF), non-appropriated and Morale, Welfare, and Recreation (MWR) funds, religious facilities, supplies and equipment.
2.1.4. Manage chapel administration to include records management, forms, publications, publicity, professional correspondence, background checks, operating instructions, suspense actions and other administrative needs of the Chaplain Corps mission.
2.2. Spiritual Fitness:
2.2.1. Fortifying warfighter and family readiness and the spirit of the warfighter through strong bonds courses, HOPE spiritual fitness initiative, and holistic wellness partnership with integrated resilience teams.
2.2.2. Conduct crisis intervention counseling. The Chaplain Corps is the only function with 100% privileged communication (see 10 U.S.C. Chapter 47A, *Military Rules of Evidence,* Rule 503) and Religious Affairs Airmen are commonly the first line of triage and care for Airmen and Guardians in need. Facilitating care for Airmen and Guardians early in a crisis enhances resiliency, mission readiness and capability.
2.2.2.1. Crisis intervention counseling is an immediate, interventional approach to providing mental and moral support with the aim of restoring the person to the level of functioning prior to the crisis. This capability includes counseling in moments of crisis, response to crises and suicide prevention, intervention, and postvention..
2.2.2.2. While every NCO performs counseling, (see AFH 1, *Airman Handbook*), Religious Affairs Airmen possess the core capability to care for Airmen and Guardians at the point of crisis. They are specially trained to identify potential problems and assist individuals in getting the professional help and resources they need. Through crisis intervention counseling, Religious Affairs Airmen mitigate crises such as suicide, grief, traumatic stress, moral injury, combat stress, or other forms of crisis.
2.2.2.3. Religious Affairs Airmen will not, at any time, conduct religious/pastoral counseling and will immediately refer individuals in need of religious/pastoral counseling to a chaplain. Religious Affairs Airmen may make referrals to other agencies for issues not of a spiritual nature as appropriate.
2.2.3. Conducts Unit Engagement. Intentionally integrate, as part of the RST, into unit ministry and engagement plans as a resource for meeting the spiritual needs of Airmen, Guardians, and their families. Unit Engagement is best defined when unit members embrace Religious Affairs Airmen as "one of them" through participation in unit meetings, commander calls and other unit activities. Religious Affairs Airmen conduct unit engagement jointly with their RST partner(s) or independently.

2.2.4. Manages RST functions, personnel readiness, and deployment taskings. Develops, coordinates and reviews operation plans and annexes. Coordinates religious and pastoral support requirements with base supporting agencies. Manages religious support during contingencies for combat or humanitarian relief operations. Prepares and presents religious customs and culture briefings.
2.2.5. Responds to aircraft crashes, mass casualty sites, hostage situations, casualty collection points, evacuation, and deployment processing points and work centers. Conducts spiritual triage by applying listening, observation, and interviewing skills. Protects privileged communication obtained through chaplain pastoral counseling and intervention counseling. Coordinates and facilitates force protection and security measures for the RST.
2.3. Advising Leadership:
2.3.1. Advises leadership at all levels on religious accommodation, ethical, moral, morale issues and needs, primarily for, and regarding, the enlisted force. Commanders, Command Chiefs, Senior Enlisted Leaders (SEL), Senior Enlisted Advisors (SEA), first sergeants and supervisors at all levels should know the issues affecting DoD authorized personnel and their families and how to best address them. Religious Affairs are a trusted source for valid, real-time information.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of the concepts and principles of religious diversity, religious accommodation, major faith group requirements, privileged communications, conflict management, screening and interview techniques, crisis intervention counseling, trauma response, suicide prevention, intervention and postvention, volunteer management, Chaplain Corps projects and programs management, resource administration and internal controls, contingency planning, deployment and mobilization procedures, personnel readiness, force protection and physical security of resources.
3.2. Education. For entry into this specialty, completion of courses in English composition, accounting, computer operations, world religions and human behavior is desirable.
3.3. Training.
3.3.1. For award of AFSC 5R031, successful completion of the Air Force Religious Affairs Apprentice Course is mandatory.
3.3.2. For award of AFSC 5R051, Completion of Career Development Course 5R051, Religious Affairs Journeyman, and STS core tasks/behaviors are mandatory.
3.3.3. For award of AFSC 5R071, Religious Affairs Craftsman Courses include E6ACW5R071 00AB, distance learning/TDY in-place course and E3ACR5R071 00AA, in-residence course. Successful completion of both courses and STS core tasks/behaviors are mandatory for the award of 5R071.
3.3.4. For award of AFSC 5R091, AFCDA is developing a Competency Capstone Project to coincide with the superintendent course. Course completion is required once the course is online/available.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 5R051. Qualification in and possession of AFSC 5R031. Experience in religious program management, advising leadership, crisis intervention counseling and unit engagement. Observable behaviors should align with intermediate occupational competency level.
3.4.2. 5R071. Qualification in and possession of AFSC 5R051. Experience in managing personnel and resources to advise leadership, conducting crisis intervention counseling, engaging in units, and managing religious programs, which align with the advanced occupational competency levels.
3.4.3. 5R091. Qualification in and possession of AFSC 5R071. Experience in leading and managing Chaplain Corps activities, with observable behaviors at the expert occupational competency levels.
3.5. Other. The following are mandatory for entry into this AFSC:
3.5.1. Ability to speak English clearly and distinctly.
3.5.2. No unaddressed mental wellbeing concerns (e.g., failure to engage in help-seeking behaviors, chronic mental health disorders, a pattern of relapse in symptoms/illness, unwillingness, or inability to properly manage mental health disorders to meet mission demands). *NOTE*: Given the caregiver role of this AFS in response to crises, Religious Affairs Airmen are susceptible to vicarious trauma, compassion fatigue, burnout, and/or moral injury; this mental wellness check will serve as a risk assessment for the member and AFS.
3.5.3. Must have eligibility to deploy and mobilize worldwide (Retraining Only). NOTE: Due to a high demand for 5R0X1 deployments, Airmen coded who have been unable to maintain deployment eligibility or worldwide clearance for more than 12 months should not be considered for retraining into this AFS.
3.6. RegAF Only Entry Requirements:
3.6.1. Non-Prior Service applicants must undergo a standardized entry interview process with designated Religious Affairs Airmen, coordinated by the AETC Religious Affairs MAJCOM Functional and be recommended for entry by interviewer(s). AETC Religious Affairs MAJCOM Functional Manager coordinates with the Air Force Recruiting Service (AFRS) to identify eligible applicants and Religious Affairs interview panels are leveraged to identify AFSC prior to Basic Military Training shipment. Selection Memorandum is endorsed by the Career Field Manager.
3.6.1.1. Non-Prior Service students in a reclassification status must undergo a standardized entry interview process. The AETC Religious Affairs MAJCOM Functional Manager, coordinates with 2 AF/Det 1 to identify eligible applicants and process administrative requirements for new AFSC assignment alongside Religious Affairs interview panels at technical training locations. AFRC and ANG do not assess Non-Prior Service students into 5R0 career field.
3.7. All components (RegAF, Reserve & Guard) Retraining Entry Requirements: Current qualification in any AFSC at the 5-skill level or higher (or 3-skill level if no 5-skill level exists). (Retraining Only)

3.7.1. Memorandum of record from the applicant's commander, superintendent/SEL, and/or first sergeant stating that the Automated Military Justice Analysis and Management System (AMJAMS) and PIF have been reviewed and there is no record of disciplinary action (LOR or Article 15) within the last 3 years.
3.7.2. Retraining applicants must successfully complete job-shadow requirements (Religious Affairs MAJCOM/FLDCOM Functional Managers may waive the shadowing period for cause [in writing], an interview with the wing/delta/installation chaplain and non-commissioned officer in charge, Religious Affairs, and obtain a retraining recommendation letter routed through the assigned MAJCOM/FLDCOM/DRU Religious Affairs Senior Enlisted Leader endorsing the applicant's ability to serve in the Chaplain Corps and meet world-wide mission requirements. Reference latest 5R0 Retraining Guidance for all retraining requirements.
3.7.3. Retraining recommendation letters are valid for the current fiscal year (FY). If the retraining window overlaps a FY and/or applicant wants to re-apply for 5R0X1 retraining later, an updated recommendation letter is required that confirms that the applicant is still qualified for retraining into the 5R0X1 career field.
3.8. The following are mandatory for entry, award, and retention of 5R0X1 AFSCs:
3.8.1. Must have the ability to arm with rifle AND handgun (primary weapon) to serve as a combatant to noncombatant chaplain; permanent Do Not Arm (DNA) status is a disqualifier.
3.8.2. No convictions by courts-martial or convictions by a civilian court except for minor traffic violations and similar infractions.
3.8.3. No record of disciplinary action for financial irresponsibility, sexual assault, sexual harassment, discrimination, domestic violence, or child abuse.
3.8.4. No record of disciplinary action for recurring/habitual financial irresponsibility.
3.8.5. Never convicted in civil or UCMJ proceedings (to include judicial and nonjudicial punishment) for any type of drug abuse or drug-related offense.
3.8.6. No history of disciplinary action (Letter of Reprimand (LOR), or Article 15) in the Personnel Information File (PIF) for displaying religious bias or unauthorized disclosure of privileged/confidential communication.
3.8.7. No history of disciplinary action (Article 15 or court-martial) for engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships.*
3.8.8. No record of disciplinary action (Letter of Reprimand [LOR] or Article 15) in the PIF within the last 3 years for lack of integrity, for violating ethical standards, or failure to exercise sound leadership with respect to morale or welfare of subordinates.
3.8.9. If member is under investigation for above mentioned offenses, coordination with Commander (with G-Series Orders) and First Sergeant for suitability, award, and retention of AFSC and/or recommendation to return into previously held AFSC is required.
3.8.10. 5R031 Religious Affairs Apprentice Course class dates/training seat will be removed from retraining applicant if disqualifying offenses occur between selection for retraining and class start date.
3.8.11. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
3.8.12. See attachment 4 for additional entry requirements.
3.9. Air Force Reserve Entry Requirements:
3.9.1. Applications are accepted for SrA (E-4) – TSgt (E-6). MSgt (E-7) will be considered with the understanding and prior agreement to begin at the TSgt (E-6) grade. SMSgt (E-8) – CMSgt (E-9) IMA or TR will not be considered.
3.9.2. Current qualification in any AFSC at the 5-skill level or higher (or 3-skill level if no 5- skill level exists). (Retraining Only)
3.9.3. Recommendation by the Superintendent/NCOIC, Religious Affairs, that the individual is acceptable for entry into the career field and recommended approval by the AFRC/HC Chief Enlisted Manager. (Retraining only)
3.10. Air National Guard Entry Requirements:
3.10.1. Current qualification in any AFSC at the 5-skill level or higher (or 3-skill level if no 5- skill level exists). (Retraining Only)
3.10.2. Recommendation by the Superintendent/NCOIC, Religious Affairs, that the individual is acceptable for entry into the career field and recommended approval by the ANG/HC Career Field Manager. (Retraining only)

CONTRACTING CAREER FIELD (6C)

Introduction

(Changed 31 Oct 20)

The enlisted members of the Air Force Contracting career field are mission-focused business leaders supporting the full spectrum of military operations by preparing, negotiating, and awarding a wide range of contracts for equipment, supplies, services, and construction. Early- career contracting professionals can expect to perform these functions as mission-focused business leaders in support of home station, expeditionary, and contingency operations, and missions. Experienced contracting enlisted members have the opportunity to broaden their expertise in positions including but not limited to: program management, operational planning, weapons systems acquisitions, research and development, classified contracting, and advanced education programs. This profession is guided by the Federal Acquisition Regulation, the Defense Federal Acquisition Regulation Supplement, and other applicable laws and regulations. Contracting professionals work closely with commanders, mission partners, other government agencies, and industry to find innovative business solutions that support the full range of organizing, training, equipping, and mission needs.

CEM Code 6C000
AFSC 6C091, Senior Enlisted Leader (SEL)
AFSC 6C071, Craftsman
AFSC 6C051, Journeyman
AFSC 6C031, Apprentice
AFSC 6C011, Helper

★CONTRACTING
(Changed 31 Oct 25)

1. **Specialty Summary**. Contracting professionals are responsible for efficient and effective use of taxpayer dollars to meet the Department of Defense and Air Force national defense missions. Contracting professionals are mission-focused business leaders who research, award, administer, and close out contract actions for commodities, services, and construction using simplified acquisition procedures, negotiations, and other approved methods. Contracting members use automated contracting systems, Microsoft Office programs, and other information technology to prepare, process, and analyze transactions and products. Finally, contracting members provide business leadership to all levels of supervision and perform duties as buyers, negotiators, administrators, and warranted contracting officers who support all functions of home station missions and contingency operations. Related DoD Occupational Subgroup: 155100.

2. **Duties and Responsibilities:**
2.1. Contracting professionals are required to perform a wide range of business functions including, but not limited to: research contracting requirements to determine the best course of action on procuring the commodities, services, and construction required to enable execution of assigned missions. Formulates business strategy and produces documentation to build a historical file of all matters dealing with the acquisition of the requirement sufficient enough to protect the Air Force from litigation. Obtains and analyzes data on industry trends and recommends a course of action to varying layers of leadership and a wide range of units as appropriate.
2.2. Researches applicable Federal, Department of Defense, and Air Force guidelines to ensure contractual actions and documentation meet requirements from cradle to grave. Establishes courses of action based on applicable laws, regulations, and professional business judgement. Researches and applies applicable provisions and clauses in order to protect the government and the Air Force.
2.3. Performs electronic commerce and electronic contracting utilizing available information technology and web-based systems and works directly with interested parties to determine the best value to the government. Produces various contract documents including but not limited to: determinations and findings, justification and approvals, contract award document, abstracts, memorandums for record, and contract payment records. May also perform evaluation of bid pricing, review of contracts prior to award, determining contractor responsibility, post, amend or cancel solicitations, mediation of protests, and contract award negotiations.
2.4. Conducts site visits to determine adequacy of contractor compliance and customer satisfaction. Interviews contractor employees to determine labor law compliance. Trains and monitors quality assurance personnel, and determines appropriate actions in instances of non-performance of an established contract. Contracting members may be required to resolve claims, disputes, and appeals, and may perform termination of contracts and negotiate and administrate termination settlements.
2.5. Provides contingency contracting support at CONUS and OCONUS locations in support of Air Force, joint U.S., and allied forces. Develops and manages contingency contracting program plans.

3. **★Specialty Qualifications:**
3.1. ★The following outlines minimum requirements for remaining within an acquisition coded position. IAW DoDI 5000.66 Section 5, enlisted contracting personnel must adhere to the Department of Defense Acquisition Professional Development Program (APDP) standard, by achieving the "Contracting Professional Certification" within the identified grace period. Additionally, the minimum requirements as well as the typical chronological order for award of upgraded AFSCs is as follows:
3.1.1. 6C011 (Helper) – AFSC assigned while students are attending the Air Force Contracting Apprentice Course.
3.1.2. 6C031 (Apprentice) – Awarded upon completion of the Air Force Contracting Apprentice Course.
3.1.3. ★6C051 (Journeyman) – Requires possession of AFSC 6C031, a minimum of 12 acquisition-coded months on the job training from the date of enrollment in 6C051 upgrade training, completion of the 6C051 core qualification tasks found within the 6C0X1 Career Field Education and Training Plan (CFETP).
3.1.4. ★6C071 (Craftsman) – SSgt-selects or higher are authorized to enter into upgrade training for this skill level. Requires possession of AFSC 6C051, a minimum of 12 acquisition coded months on the job training from the date of enrollment into 6C071 upgrade training, completion of the 6C071 core qualification tasks found within the 6C0X1 CFETP.
3.1.5. 6C091 (SEL) – Requires possession of AFSC 6C071, minimum rank of SMSgt, and member must have completed the Air Force Senior Noncommissioned Officer Academy or sister service equivalent.
3.2. For award and retention of 6C0X1 AFSCs:
3.2.1. Members must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.2.2. Commanders may disqualify enlisted members in cases where members are convicted by court-martial or receive non-judicial punishment for: Category 1, 2, or 3 crimes (*NOTE*: Categories of offenses are described and listed in AFMAN 36-2032, *Military Recruiting and Accessions.*), dereliction in the performance of duties involving contracting activities, misappropriation of government

funds or property, financial irresponsibility, committing acts of misconduct relating to or engaging in falsification of legal documents, or failure to exercise sound leadership principles with respect to morale or welfare of subordinates, peers, leadership or customers.

3.3. **Mandatory requirements for Non-prior service Airmen or Airmen who are being reclassed into 6C0X1:**

3.3.1. For entry into, award of, and retention within these AFSCs of paragraph 3, members must:

3.3.1.1. Demonstrate the ability to speak distinctly and communicate effectively in writing.

3.3.1.2. Never have been convicted by court-martial and never received non-judicial punishment for dereliction in the performance of duties involving contracting activities, larceny, misappropriation of government funds or property, or financial irresponsibility.

3.3.1.3. Have no record of disciplinary action (Letter of Reprimand [LOR], Article 15 or court-martial) for committing acts of misconduct relating to or engaging in falsification of legal documents or documented failures (LOR, Article 15, or court-martial) to exercise sound leadership principles with respect to morale or welfare of subordinates, peers, leadership, or customers.

3.3.1.4. Never have been convicted by a civilian court of a Category 1, 2, or 3 offenses, or exceed the acceptable number of Category 4 or 5 offenses. Category 3, 4, or 5 traffic offenses alone are not disqualifying. *NOTE*: Categories of offenses are described and listed in AFMAN 36-2032, *Military Recruiting and Accessions*.

3.3.1.5. See attachment 4 for additional entry requirements.

3.4. **Mandatory requirements for first term and career Airmen retraining into the 6C0X1 AFSC:**

3.4.1. Cross Trainee applicants must be E-5 or below and cannot possess a promotion sequence line number E-6 prior to initial official notification of attendance to the Air Force Contracting Apprentice Course. Waivable for ANG through ANG Contracting CFM.

3.4.2. Those seeking to cross-train into Contracting must have an interview with the nearest permanently assigned SEL of a numbered contracting flight or contracting squadron. The cross-training candidate must obtain a written endorsement from the contracting SEL for entry into the AFSC 6C0X1. While not mandatory, it is recommended that members considering retraining into the 6C0X1 career field, provide a letter of recommendation from their Unit Commander or equivalent as a part of their retraining package. If an SEL of a numbered contracting flight or squadron is not available, the 6C MAJCOM Functional Manager must review and endorse the cross-training approval package. All 6C0X1 retraining packages must be reviewed and approved by the 6C0X1 Career Field Manager. NOTE: Numbered flight SEL or squadron SEL MUST possess the Contracting vector for SEL in order to endorse the individual.

3.4.3. In order to qualify for an interview, members must meet the following criteria:

3.4.3.1. Member must have a current and passing Fitness Assessment at the time of the interview with the contracting SEL.

3.4.3.2. Member must complete the Contracting Retraining Assessment.

3.4.3.3. Member must have the ability to speak distinctly and communicate effectively in writing.

3.4.3.4. Must not have been convicted by court-martial nor received an Article 15 for the past 3 years and can never been convicted by court- martial nor ever received an Article 15 for dereliction in the performance of duties involving contracting activities, larceny, misappropriation of government funds or property, financial irresponsibility, or committing acts of misconduct relating to or engaging in falsification of legal documents.

3.4.3.5. Applicants can never been convicted by a civilian or military court of any Category 1 offense and can never have been convicted by a civilian or military court of other Category 2 offensive involving violence, theft, or a crime of sexual nature. No convictions by a civilian or military court of other Category2 or 3 offense within the past 3 years, nor exceed the acceptable number of Category 4 or 5 offenses. Category 3, 4, or 5 traffic offenses alone are not disqualifying. *NOTE*: Categories of offenses are described and listed in AFMAN 36-2032, *Military Recruiting and Accessions.*

3.4.4. See attachment 4 for additional entry requirements

FINANCIAL CAREER FIELD (6F)
Introduction
(Changed 31 Jul 08)

The Financial Career Field involves:

Receiving, disbursing, and accounting for public funds; appropriation and expense, working capital, and real property accounting, including reporting, and analyzing costs of programs and operations; formulating, executing, and analyzing financial programs; and examining and verifying all Air Force financial and management operations.

Collecting, processing, recording, controlling, analyzing, and interpreting special and recurring reports, statistical data, and other information pertaining to personnel, training, supply, aircraft, costs, operations, equipment, facilities, maintenance, organization, programs, progress, and related subjects under conditions ranging from normal operations to actual conflict. It also covers utilizing financial management decision support techniques, conducting comparative analysis, and preparing analytical summaries for use in managing command resources, including personnel, materiel, time, and money.

Excluded from this career field are the functions involved in maintaining supply records and accounting for requesting, receiving, and issuing Air Force equipment and supplies.

CEM Code 6F000
AFSC 6F091, Superintendent
AFSC 6F071, Craftsman
AFSC 6F051, Journeyman
AFSC 6F031, Apprentice
AFSC 6F011, Helper

FINANCIAL MANAGEMENT AND COMPTROLLER

(Changed 31 Oct 21)

1. **Specialty Summary.** Provides financial decision support, services, and resources to support the Air Force's war-fighting mission. Performs, supervises, manages, and directs financial management activities both at home station and deployed locations. Provides customer service. Maintains financial records for pay and travel transactions. Maintains accounting records and prepares reports. Determines fund availability and propriety of claims. Accounts for and safeguards cash, checks, and other negotiable instruments. Processes commitments and obligations, payments, and collections. Serves as financial advisor to commanders and resource managers. Compiles, analyzes, and summarizes data. Prepares and executes budget execution plans. Performs audits and implements fraud prevention measures. Related DOD Occupational Subgroup: 154100.

2. **Duties and Responsibilities:**
2.1. Provides customer service. Advises, interacts, and coordinates with organizations on financial matters. Interprets and supplements financial directives. Prepares, verifies, computes and processes, and audits pay transactions. Processes, verifies, audits travel claims, estimates travel costs, determines fund availability, and performs follow-up on outstanding travel orders for travelers.
2.2. Processes financial transactions. Performs follow-up on commitments, outstanding obligations, and processes disbursement and collection transactions. Disburses, collects, and safeguards cash, negotiable instruments, and certified vouchers. Prepares accountability records and reports.
2.3. Determines propriety of funding and certifies fund availability. Records, reconciles, and verifies entries into automated systems based on accounting documents. Certifies and processes payment and collection vouchers. Maintains appropriated funds, accounting records, and files. Schedules, prepares, verifies, and submits financial reports.
2.4. Provides customer service and financial analysis for various organizations, vendors, and the Air Force Financial Services Center. Reconciles funding authorities with accounting records.
2.5. 2.5 Analyzes accounting reports and financial data to identify trends for evaluating effectiveness and efficiency of Air Force activities. Develops and compiles factors for improved planning, programming, and budgeting. Prepares budgets and execution plans and reports. Analyzes financial execution, identifies, and explains variances, and prepares narrative justification to support financial requirements.
2.6. Reviews financial data for accuracy and resolves discrepancies. Receives, reconciles, and distributes funding authorities. Examines funding and reprogramming actions to determine financial implications. Reviews reimbursement program status.
2.7. Performs audits and reviews as required by directives. Administers the Air Force Management Control Program.
2.8. Utilizes financial management decision support techniques to deliver sound financial advice to all levels of leadership.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge of fiscal law, accounting and payment principles/procedures, contingency operations, financial management systems, and basic computer applications, pay and travel entitlements, Air Force organization, reporting requirements, analysis techniques, financial management policies, procedures and regulations, management principles and controls, budgeting principles, financial management decision support techniques, visual, oral, and written presentation techniques, and Air Force missions.
3.2. Education. For entry into this specialty, completion of high school with courses in mathematics, accounting, business law, ethics, and computer applications are desirable.
3.3. Training. The following training courses are mandatory as indicated:
3.3.1. For award of AFSC 6F031, completion of the basic financial management and comptroller apprentice course.
3.3.2. For award of AFSC 6F051, completion of the Financial Management Journeyman Course (FMJC).
3.3.3. For award of AFSC 6F071, completion of the financial management and comptroller craftsman course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 6F051. Qualification in and possession of AFSC 6F031. Experience in financial management such as customer service, document and voucher processing, computation, systems, funds control, reporting, reconciliation, and follow-up.
3.4.2. 6F071. Qualification in and possession of AFSC 6F051. Experience in performing or supervising activities of financial management such as customer service, financial analysis document and voucher processing, computation, systems, funds control, reporting, reconciliation, and follow-up.
3.4.3. 6F091. Qualification in and possession of AFSC 6F071. Experience managing or directing financial management activities.
3.5. Other. The following are mandatory as indicated:
3.5.1. See attachment 4 for entry requirements.

3.5.2. For entry into this specialty (retraining only), certification by the Wing Comptroller Superintendent that the individual is acceptable for entry and recommendation for acceptance by the MAJCOM Functional Manager, Financial Management (6F0XX) and/or AF Career Field Manager. This requirement does not apply to ANG.
3.5.3. For entry into this specialty, the member must have the ability to obtain the required Department of Defense Financial Management (DoD FM) Certification IAW the FY2012 National Defense Authorization Act. Reference DOD Instruction 1300.26 for requirements.
3.5.4. For entry, award, and retention of this AFSC:
3.5.4.1. No record of conviction by a civilian court for offenses involving larceny, robbery, wrongful appropriation, or burglary, or fraud.
3.5.4.2. Never received nonjudicial punishment under the Uniform Code of Military Justice (UCMJ) for offenses involving acts of larceny, wrongful appropriation, robbery, or burglary or fraud as delineated in UCMJ Articles 121, 122, 129, and 132 or never been convicted by military courts-martial for these same offenses.
3.5.5. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

SPECIAL INVESTIGATIONS CAREER FIELD (7S)

Introduction

(Changed 1 Aug 11)

The Special Investigations Career Field encompasses functions involved in performing the criminal, economic crime, environmental crime, computer crime, counterintelligence, counter threat, force protection, and personnel suitability investigative mission as well as the conduct of the technical services and special inquiries mission within the Air Force. It includes the conduct of investigations of major criminal violations of the Uniform Code of Military Justice and other Federal, state, local and international laws. These include serious crimes against persons, economic crime, and fraud (with emphasis on the procurement and disposal of government property), computer crime (intrusions and hacking), environmental crime, espionage, sabotage, terrorism, and subversion. Additionally, AFOSI Special Agents perform Protective Service Operations, conduct Psychophysiological Detection of Deception (polygraph) examinations, process crimes scenes, conduct deployed outside-the-wire counter threat operations, and may be called upon to investigate other matters deemed “special inquiries.”

Excluded from this career field are functions of air intelligence to prevent strategic, tactical, or technological surprise and to support planning and conducting air operations. These functions are included in the Intelligence Career Field. The following is a complete listing of AFSCs for the Special Investigations Career Field.

CEM Code 7S000
AFSC 7S091, Superintendent
AFSC 7S071, Craftsman
AFSC 7S031, Journeyman
AFSC 7S011, Helper

SPECIAL INVESTIGATIONS
(Changed 31 Oct 22)

1. **Specialty Summary.** Conducts criminal, economic crime, counterintelligence, force protection, personnel suitability, computer crime, technical services investigations, counter threat operations, and special inquiries. Manages special investigations activities. Related DoD Occupational Subgroup: 183200.

2. **Duties and Responsibilities:**
2.1. Plans, conducts, documents, and manages proactive and reactive investigative activities. Interviews victims and witnesses and interrogates persons suspected of committing major violations of the Uniform Code of Military Justice and other laws. Administers oaths to and obtains signed statements from persons interviewed and interrogated. Conducts crime scene searches. Identifies, seizes, preserves, and safeguards evidence, and requests laboratory analyses thereof. Plans and participates in surveillance operations. Conducts lineups and obtains suspect's fingerprints and DNA. Conducts economic, violation of public trust, and environmental crime investigations. Conducts liaison with counterpart investigative and security agencies. Identifies, tests, and recruits human sources of information. Conducts intrusion and other computer crime investigations. Conducts computer forensics. Documents investigative activity in management information systems and provides detailed reports to command and legal authorities for their action. Provides testimony in legal proceedings and regularly briefs command officials on the status of investigative services. Coordinates investigative matters of mutual interest with other local, state, federal, and foreign law enforcement, and security agencies.
2.2. Plans, conducts, documents, and manages counterintelligence and force protection investigative activities. Investigates allegations of espionage, sabotage, terrorism, subversion, and major security violations. Conducts deployed counter threat operations in austere/non-austere and permissive/non-permissive environments. Establishes contact with host nation counterpart agencies and friendly forces to determine multi-discipline threats to USAF or DoD personnel, resources, and operations. Develops human source networks to obtain critical and timely threat information. Collects, analyzes, documents, and expeditiously reports threat information to the appropriate command authorities. Conducts protective service operations, provides technical surveillance countermeasures support, and conducts special inquiry investigations. Conducts defensive and awareness briefings on threat posed by foreign intelligence services, terrorist, subversive groups, and other threats.
2.3. Plans, conducts, documents, and manages suitability investigations to determine whether unfavorable information exists on persons regarding their character, loyalty, discretion, integrity, and financial responsibility.
2.4. Plans, conducts, documents, and manages technical services support to all AFOSI investigative mission areas. Performs preventative and corrective maintenance on equipment to ensure operational readiness. Plans, conducts, documents, and manages Psychophysiological Detection of Deception (PDD) examinations and maintains equipment. Plans, conducts, documents, and manages computer crime investigations to include network intrusion investigations.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of special investigations policy, procedures, and techniques concerning criminal, economic, environmental, counterintelligence, force protection, computer crime and technical services computer use and operations.
3.2. Education. For entry into this specialty, high school or general educational development equivalency with computer use and operations, accounting and a foreign language is desirable.
3.3. Training. For award of AFSC 7S031, completion of the Air Force Special Investigations Academy is mandatory.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 7S071. Qualification in and possession of AFSC 7S031. Also, experience performing and supervising functions such as investigations or inquiries.
3.4.2. 7S091. Qualification in and possession of AFSC 7S071. Also, experience managing special investigations, activities, criminal, economic, and environmental crime investigations, counterintelligence, force protection, PDD, computer crime, and technical services.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty, the following is mandatory:
3.5.1.1. Must be at least 21 years of age by the time of acceptance.
3.5.1.2. See attachment 4 for additional entry requirements.
3.5.2. For entry, award, and retention of these AFSCs:
3.5.2.1. Ability to speak and write English clearly and distinctly.
3.5.2.2. Qualification to bear firearms according to AFI 31-117, *Arming and Use of Force by Air Force Personnel*. Applicants must also demonstrate, either via live or dry fire, the ability to meet the weapons handling standards for the Handgun Training Program in AF Manual 36-2227, Vol 1, *Combat Arms Training Programs Individual Weapons*, Chapter 2, and the Basic Arms Training Course in AFOSI Manual 71-113, *Firearms, Use of Force and Tactics*, Table A5.1.

3.5.2.3. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.

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

3.5.3. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environments. For award and retention of AFSCs 7S0XX, completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.

NOTE: Award of the entry level without a completed T5 Investigation is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

3.5.4. For award and retention of these AFSCs, certification by the Commander, Air Force Office of Special Investigations.

3.5.5. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

SPECIAL DUTY IDENTIFIERS (SDI)

Introduction

Special Duty Identifiers (SDI) identify authorizations for enlisted airmen assigned to and performing an actual group of tasks on a semi-permanent or permanent duty basis. These duties are unrelated to any specific career field at this time and do not provide a normal career progression pattern. No significance as to the interrelationship of these SDIs is implied from their grouping within this section.

SDI 8A200

ENLISTED AIDE
(Changed 31 Oct 16, Effective 8 Feb 16)

1. **Special Duty Summary**. Performs tasks and details that, if performed by general or flag officers, would be at the expense of the officer's primary military and official duties. Duties relate to the support of military and official responsibilities of the general or flag officer and include assisting them in discharging their official DoD social responsibilities in their assigned position. The propriety of such duties is governed by the official purpose that they serve rather than the nature of the duties. Specific duties of the enlisted aide rest solely on the needs of the general or flag officer and are tailored to the requirements of supporting the household. Related DoD Occupational Subgroup: 180100.

2. **Duties and Responsibilities:**
2.1. Assists with the care, cleanliness, and order of assigned quarters. Performs routine interior quarters maintenance and seasonal cleaning directly related to the areas of the home used to fulfill the officer's official social obligation. Performs exterior quarter's maintenance such as mowing, edging, pruning, and caring for flowerbeds, raking leaves, and snow removal.
2.2. Assists with the care, cleanliness, and maintenance of the general/flag officer's uniforms and military personal equipment. Keeps all uniform combinations and military personal equipment current and ready for wear at all times. Maintains uniforms to include in- house washing, drying, ironing, and polishing as well as delivery and pick-up when necessary.
2.3. Performs as point of contact in the officer's quarters. Receives and maintains records of telephone calls, makes appointments, and receives guests and visitors.
2.4. Assists in planning, preparing, arranging, and conducting official social functions and activities, such as receptions, parties, and dinners. Plans menus, purchases, prepares, and serves food and beverages, and makes necessary contractual or outside arrangements relating to the officer's official social responsibilities. Performs or assists in day-to-day purchasing, preparing, and serving food and beverages in the general or flag officer's assigned quarters.
2.5. Performs tasks as necessary to aid the officer in performing his or her military and official responsibilities: including performing errands for the officer, providing security for the quarters, and providing administrative assistance.
2.6. Assists in preparing financial reports associated with general officer quarter's maintenance and repair.

3. **Specialty Qualifications:**
3.1. Knowledge. Not used.
3.2. Education. Completion of high school with courses in culinary arts is desirable.
3.3. Training. For retention of this SDI, completion of the General Officer Housing Course, the Advanced Culinary Course, ProChef Certifications through the Culinary Institute of America, and Front Range Household Management Seminar not later than the third year in the duty is mandatory.
3.4. Experience. Not used.
3.5. Other. The following are mandatory as indicated:
3.5.1. Prior qualification in any AFSC at the 5-skill level or higher (3-skill level if no 5-skill level) is mandatory.
3.5.2. See attachment 4 for additional mandatory entry requirements.
3.5.3. For retention of this SDI, must remain qualified for Aide duty IAW AFI 36-2123, *Management of Enlisted Aides*.
3.5.4. For award and retention of this SDI, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8A200 unit manpower document (UMD) authorization. When the member is filling a valid 8A200 UMD authorization, 8A200 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8A200 UMD authorization, 8A200 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36- 2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8A200 is not authorized for award as the PAFSC when filling a funded 8A200 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8A200 duties but not filling a funded 8A200 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8A300

PROTOCOL
(Changed 31 Oct 16, Effective 8 Feb 16)

1. **Specialty Summary.** The primary purpose of this position is: to function as a protocol specialist and to provide expertise and support for all protocol matters. Performs, manages, and directs all administrative, procedural protocol duties and responsibilities at assigned installation, Wing, NAF, MAJCOM, and Headquarters levels. Performs protocol support for distinguished visitors (DVs) at all levels; military, civilian and foreign equivalents, and transient DVs. Performs escort duties, plans, and executes program itinerary visits, official ceremonies, and special events. Advises commanders and Air Force senior leaders at all levels on acceptable protocol practices for a variety of events.

2. **Duties and Responsibilities:**
2.1. Directly supports the commander and vice commander in handling all aspects of visits, conferences, tours, memorial services, ceremonies, and social functions within the command, and those tasked by the offices of the Secretary of Defense, Chairman of the Joint Chiefs of Staff, Secretary of the Air Force, Chief of Staff of the Air Force, and Chief Master Sergeant of the Air Force offices.
2.2. Manages Commander's recognition programs and special ceremonies (medal presentations, individual recognitions, etc.), including scheduling events, determining need for audiovisual equipment, obtaining decorations, awards, gathering biographies and guest information, preparing agendas, and setting up event locations.
2.3. Administers and oversees programs for Distinguished Visitors (DVs). Develops plans and procedures relative to VIP visits and is the focal point for all organizational visits. Ensures each visit is planned and consistent with established policies and reflect the personal desire and programmed activities of the host. Ensures the highest degree of official recognition is afforded to each visitor, presentations and tours are commensurate and coordinates appropriately with security clearance visitors. Advises the Foreign Disclosure Office on the advisability of proposed visits and the compatibility with existing scheduled visitors. Prepares protocol memorandums for base wide distribution reflecting the complete agenda of each visit. Directs all necessary support activities during the visit to ensure the visitor's purpose is accomplished. Where a special security requirement exists, notifies AFOSI and coordinates appropriate measures with Federal and or local law enforcement. Accompanies dignitaries throughout their visit applying protocol etiquette with responsibility for ensuring proper transportation, accommodation, and meals are coordinated. These responsibilities require the exercise of maximum mature judgment, discretions, tact, diplomacy, and poise. Visitors include heads of state, royalty, chiefs of services, and both foreign and domestic governmental dignitaries.
2.4. Plans and arranges ceremonies, office calls, receptions, luncheons, formal dinners, entertainment, tours, sporting events, and other activities for DVs. Hosts high-level Air Force conferences and meetings with planning, arranging, and oversight for all activities involved with the event.
2.5. Advises commander and staff on military customs and courtesies, implements protocol policy and procedural guidance for the Air Force concerning proper protocol requirements for precedence; honors; ceremonies; flags; dinners and socials; visiting dignitaries; conferences; official meetings; and briefings. Responsible for the effective and accurate expenditure of the Commander's Official Representation Funds (ORF), Reference AFI 65-603, *Official Representation Funds.*
2.6. Special Morale and Welfare Funds (SM&W). Reviews to ensure compliance with established instructions, ensuring expenditures are of the highest order of propriety and integrity. Maintains current account balance and advises on the status of expenditures. Manages O&M funds; produces budget plans and reports, monitors office requirements, and identifies and recommends acquisition of support required for proficiency and production.
2.7. Coordinates with HQ USAF, MAJCOM, and NAF protocol offices for DV visits.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of; management principles, customer service; automated information systems. Demonstrated ability to organize complex projects attested to in performance reports and commander recommendations.
3.2. Education. Completion of high school. For entry into this SDI, Airman must have completed appropriate level of PME.
3.3. Training. Member will attend MFSS200, Protocol Fundamentals once they have been selected for the enlisted protocol position.
3.4. Experience. Not used.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this SDI:
3.5.1.1. Have not received non-judicial punishment under the Uniform Code of Military Justice (UCMJ) within the last 3 years.
3.5.1.2. Be recommended by the immediate unit commander.
3.5.1.3. Ability to speak clearly and distinctly.
3.5.1.4. Possesses the exemplary military appearance and the highest standards of conduct.
3.5.1.5. Overall rating of "Exceeded some, but not all expectations" or "Exceeded most, if not all expectations" and/or an overall 5 rating on last 3 EPRs.
3.5.1.6. Applicants must have two consecutive passing PT scores with in the last 12 months on the AFPT.
3.5.1.7. See attachment 4 for additional entry requirements.
3.5.2. For entry and retention of this SDI:

3.5.2.1. No recorded evidence of emotional instability, personality disorder, Post Traumatic Stress Disorder, or other unresolvedmental health problems.
3.5.2.2. No record of substance abuse, financial irresponsibility, domestic violence, or child abuse.
3.5.2.3. Never been convicted by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the acceptable number of category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying.
NOTE: Categories of offenses are described as listed in AFI 36-2002, *Regular Air Force and Special Category Accession,* Uniform Guide List of Typical Offenses.
3.5.2.4. For retention of this SDI, no record of disciplinary action (LOR or Article 15) or referral EPR after award of SDI.
3.5.2.5. For award and retention of this SDI, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8A300 unit manpower document (UMD) authorization. When the member is filling a valid 8A300 UMD authorization, 8A300 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8A300 UMD authorization, 8A300 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8A300 is not authorized for award as the PAFSC when filling a funded 8A300 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8A300 duties but not filling a funded 8A300 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8A400

★TALENT MANAGEMENT CONSULTANT
(Changed 31 Oct 25)

1. **Special Duty Summary.** Manages Air Force Reserve retention and incentive programs. Assists commanders and supervisors in talent management and provides one-on-one and group career counseling sessions. Advises Airmen on career progression and planning. Conducts advertising and publicity programs to foster Reserve retention. Provides briefings on benefits and entitlements. Briefs leaders on the health of the organization. Liaises with the Wing Command Chief and Group Senior Enlisted Leaders on professional development opportunities.

2. **Duties and Responsibilities:**
2.1. Advises commanders, supervisors and enlisted personnel on retention and incentive programs.
2.2. Manages the Selective Reenlistment Program (SRP) and prepares and processes enlisted reenlistment and extension contracts.
2.3. Manages Bonus and Incentive Programs and ensures timeliness and accuracy of payments and recoupments (in the event of overpayment).
2.4. Assists supervisors and commanders in counseling enlisted personnel on reenlistment opportunities, retraining, and benefits and prepares and distributes publicity to airmen contemplating a career decision.
2.5. . Assists the Force Support Squadron in disseminating information on personnel programs and new guidance that affects the base populace.
2.6. Provides talent management consultant services relating to career opportunities, progression, and planning. Conducts and administers symposiums, workshops, or conferences; interprets organizational surveys; evaluates talent management effectiveness and provides feedback.
2.7. Advises on Air Force and Joint Service professional development opportunities and may work with the Wing Command Chief and Group Senior Enlisted Leaders to deliver total force professional development courses or develop and deliver in-house professional development courses.
2.8. Wing Talent Management Consultant (WTMCs) provide training to Group Talent Management Consultants (GTMCs) and Unit Talent Management Consultants (UTMCs).

3. ★**Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of the organization, mission, policies, and personnel management with emphasis on personnel and administration, and counseling techniques.
3.2. ★Education. For entry into this SDI, Airman must have an associate degree or higher from an accredited institution. Airmen will enroll in the USAF SNCO correspondence course upon selection for TMC duty (if not currently enrolled/complete) and must complete the course within 12 months after assignment.
3.3. Training. Completion of the Air Force ADA orientation or Air Force Reserve equivalent training is mandatory within 6 months of assignment to duties.
3.4. Experience. Not used.
3.5. Other. The following are mandatory:
3.5.1. For entry into this SDI:
3.5.1.1. Be in the grade of E-7 or E-8. The specific grade requirement is determined by the authorized grade listed in the Unit Manning Document at each location.
3.5.1.2. ★Must have a 3FX7X AFSC/skill level. ETPs will be considered on a case-by case basis and must be approved by the 3F0 MAJCOM Functional Manager.
3.5.1.3. Must be able to obtain 3 or more years retainability prior to HYT.
3.5.1.4. Overall rating of "Exceeded some, but not all expectations" or "Exceeded most, if not all expectations" on last 3 EPRs.
3.5.1.5. Outstanding in appearance, military bearing, professional military image, and conduct both on/off duty.
3.5.1.6. Ability to speak clearly and communicate well with others.
3.5.1.7. Have superb counseling and briefing skills.
3.5.1.8. Have no record of disciplinary action that resulted in Article 15 or Unfavorable Information File for the past 3 years.
3.5.1.9. Applicants must have scored 75 or above on last three fitness tests, no failure on any portion within the last 12 months.
3.5.1.10. See attachment 4 for additional entry requirements.
3.5.2. For entry and retention of this SDI the following are mandatory:
3.5.2.1. No recorded evidence of emotional instability, personality disorder, Post Traumatic Stress Disorder, or other unresolved mental health problems.
3.5.2.2. No record of substance abuse, financial irresponsibility, domestic violence, or child abuse.
3.5.2.3. No non-judicial punishment or administrative action (Letter of Reprimand, Letter of Admonishment, Letter of Counseling, or Record of Individual Counseling) based on sexual assault, sexual harassment, physical abuse or unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships*.
3.5.2.4. Never been convicted by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the accepted number of category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying.

NOTE: Categories of offenses are described and listed in AFI 36-2002, *Regular Air Force and Special Category Accession,* Uniform Guide List of Typical Offenses.
3.5.3. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.4. For *retention* of this SDI, no record of disciplinary action (LOR or Article 15) or referral EPR after award of SDI.
3.5.5. ★For AGRs this is a 3 year tour.
3.5.6. ★For TRs this is a 4 year tour.

4. **Utilization Note:**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8A400 unit manpower document (UMD) authorization. Once the member is no longer filling a valid 8A400 UMD authorization, 8A400 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC.

SDI 8B000

MILTARY TRAINING INSTRUCTOR
(Changed 31 Oct 24)

1. **Special Duty Summary.** Conducts basic military training for non-prior service Airmen, including those of the Air Reserve Forces, and initial military training for cadets of Officer Training School. Related DoD Occupational Subgroup: 101200.

2. **Duties and Responsibilities:**
2.1. Plans, organizes, and directs basic and initial military training. Determines requirements for training, facilities, space, equipment, visual aids, and supplies to support military training requirements, and monitors the training program to ensure effective use of support items. Manages use of available facilities and ensures proper support during all phases of training, student flow, and flight assignments. Assist supervisors with decisions on use of non-appropriated funds for training activities or equipment.
2.2. Inspects and evaluates military training activities, personnel, and facilities. Conducts periodic inspections of training activities and assists training units in correcting training deficiencies. Provides training for Airmen undergoing military training, to include performance and adaptability. Counsels and advises individuals on training problems. Identifies and recommends disposition of trainees who display characteristics/performance that may render them unfit or unsuitable for retention in the Air Force.
2.3. Prepares and maintains files, reports, and accountability records pertinent to basic and initial military training. Maintains completed training record files on individuals in training for historical review.
2.4. Instructs on basic and initial military training. Instructs dormitory setup, drill, and lectures on military training subjects using demonstration-performance and lecture methods. Employs audiovisual equipment to support training objectives. Executes remedial training as necessary.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: principles, techniques, and methods of instruction; use of visual aids; learning processes; curriculum development; training evaluation; and counseling methods and techniques.
3.2. Education. Airman Leadership School for SSgts. E-7s must have CCAF degree
3.3. Training. Completion of the Military Training Instructor course and certification on all core tasks is mandatory.
3.4. Experience. N/A
3.5. Other. The following are mandatory:
3.5.1. For entry into this SDI, the following are mandatory (waivered by the Career Field Manager on a case by case basis):
3.5.1.1. For RegAF position, approved candidate on the developmental special duty nomination list
3.5.1.2. E-5 through E-7 and must be able to obtain 4 or more years retainability prior to current grade HYT.
3.5.1.3. Skill level commensurate with grade.
3.5.1.4. Overall rating of "Exceeded some, but not all expectations" or "Exceeded most, if not all expectations" or last 2 EPR's for non RegAF rating on last 3 EPRs.
3.5.1.5. Outstanding in appearance, military bearing, professional military image, and conduct both on/off duty.
3.5.1.6. Demonstrated ability to lead and have empathetic understanding of the problems of Airmen away from home in a new environment.
3.5.1.7. No Unfavorable Information File or disciplinary action that resulted in an Article 15 in the last 5 years
3.5.1.8. Ability to speak distinctly.
3.5.1.9. Applicants must have scored 75 or above on the last three AF PT tests. Must not have PT failures during the last 12 months for any portion of the PT test. No current PT exemptions except deployment and/or pregnancy. Must have tested on all components during most recent AF PT test. Must obtain a body composition assessment that does not exceed the low-moderate category.
3.5.1.10. Interview with and have a favorable recommendation by a psychologist or psychiatrist (if none assigned, a physician conducts an interview and provides a recommendation).
3.5.1.11. No record of emotional instability, personality disorder or other unresolved mental health problems that interfere with the ability to perform Military Training Instructor duties.
3.5.1.12. No record of substance abuse, domestic violence, or child abuse.
3.5.1.13. Never been convicted by a general, special, or summary courts-martial.
3.5.1.14. No record of non-judicial punishment, or administrative action (Letter of Reprimand, Letter of Admonishment, Letter of Counseling, or Record of Individual Counseling) reflecting a lack of behavioral/emotional control and/or dereliction of duty.
3.5.1.15. No record of non-judicial punishment, or administrative action (Letter of Reprimand, Letter of Admonishment, Letter of Counseling, or Record of Individual Counseling) based on sexual assault, sexual harassment, physical abuse, or an unprofessional relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships* and/or AETCI 36-2909, Recruiting, Education and Training Standards of Conduct.
3.5.1.16. Never been convicted by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the accepted number of Category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying. **NOTE:** Categories of offenses are described and listed in AFI 36-2002, *Regular Air Force and Special Category Accession, Uniform Guide List of Typical Offenses.*
3.5.1.17. See attachment 4 for additional mandatory entry requirements.
3.5.2. For retention of this SDI, the following are mandatory:

3.5.2.1. Maintain entry requirements.
3.5.2.2. No record of non-judicial punishment, or Letter of Reprimand for verbal maltreatment, as defined in AETCI 36-2909, Recruiting, Education and Training Standards of Conduct, or financial irresponsibility.
3.5.2.3. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.4. No record of non-judicial punishment or administrative action (Letter of Counseling, Letter of Reprimand, Letter of Admonishment, or Record of Individual Counseling) for Trainee Abuse and Hazing as defined in AETCI 36-2909, *Recruiting, Education, and Training Standards of Conduct.*
3.5.2.5. Never been permanently decertified from military training instructor duties.

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8B000 unit manpower document (UMD) authorization. When the member is filling a valid 8B000 UMD authorization, 8B000 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. The CAFSC will be updated after the member graduates from the formal school and signs into the new duty position (this is the same time the DAFSC changes). If there is no formal school, then the CAFSC will be updated using the same effective date as the DAFSC. Once the member is no longer filling a valid 8B000 UMD authorization, 8B000 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8B000 is not authorized for award as the PAFSC when filling a funded 8B000 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8B000 duties but not filling a funded 8B000 UMD authorization will have no change in their awarded and control AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8B100

MILITARY TRAINING LEADER
(Changed 31 Oct 24)

1. **Special Duty Summary.** Mentors, Trains, and Leads assigned non-prior service enlisted Airmen during initial skills technical training and Air Force Cadets attending Air Force Academy Parachute School; includes Total Force Liaisons assigned to basic military and technical training locations. Evaluates and reinforces standards of conduct/performance, military bearing and discipline while scheduling and conducting military training functions. Related DoD Occupational Subgroup: 101200.

2. **Duties and Responsibilities:**
2.1. First-line Supervisor to non-prior service enlisted Airmen; ensures Airmen continue to maintain military standards/discipline learned during Basic Military Training. Monitors safety in formations, dormitories, and sports. Ensures students maintain personal and professional appearance and fitness standards. Ensures students comply with directives/orders, develops healthy followership attitude, and continue to assimilate to the Air Force way-of-life.
2.1.1. Monitors and conducts personal and professional training/development aligned with enhancing the Profession of Arms within the unit. Plans, organizes, and directs military education instruction. Determines appropriate instruction methods considering the group size and subject matter. Conducts instruction using demonstration-performance and lecture methods. Maintains thorough knowledge of and instructs personnel in drill, parades, retreats, and reviews. Provides supplemental military training.
2.1.2. Advises and counsels Airmen. Establishes and conducts incoming, outgoing, and student entry briefings. Conducts individual and group interviews. Motivates personnel to develop military attitudes, effective human relations, and social skills for improving interpersonal and military relations. Assists students in their personal adjustment to military life. Applies counseling techniques and military experience to counsel airmen with training, military bearing, and behavior problems. Refers students to the appropriate staff agency when necessary. Identifies airmen unfit or unsuitable for retention in the Air Force.
2.1.3. Prepares and maintains files and records, such as Collateral Training Folders, on military education and counseling matters. Prepares statistical reports and records about student accountability. Accounts for assigned students and maintains general military training forms. Maintains duty rosters and forms and assures squadron details are distributed fairly.
2.1.4. Conducts facility management duties for non-prior service dormitories. Assigns Airmen to living quarters and ensures positive key control. Establishes security and accountability measures for residents. Ensures Airmen preserve healthy standards of living and assume effective stewardship of living space/dormitory. Conducts periodic safety exercises for Airmen. Leads dormitory health and wellness inspections as directed.
2.1.5. Establishes and conducts in-processing, out-processing briefings. Conducts pre-departure briefings for weekend liberty, holiday, and leave. Liaison to Military Personnel Flight concerning Airman assignments and records processing. Assists with Recruiters Assistance Program application.
2.1.6. Guides and assists in selecting, training, and evaluation of Airmen in developmental programs (i.e., Airmen Leaders, Drill Team, Drum and Bugle.)
2.2. MTLs at USAFA (J8B100); Advises, counsels, and reinforces military standards/discipline for officer cadets while conducting freefall instruction.
2.3. Total Force Liaisons coordinate all delays, order modifications and student actions impacting training for ANG/AFR Airmen in training.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: military training learning processes, counseling methods, and training evaluation and techniques.
3.2. Education. Mandatory Airman Leadership School.
3.3. Training. Completion of the Military Training Leader course is mandatory. For retention of this SDI, Military Training Leaders must complete qualification training on Career Field Education and Training Plan (CFETP) core tasks within 6 months of assuming position. NOTE: Completion of these requirements is optional for ARC Liaisons.
3.4. Experience. N/A
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this SDI, the following are mandatory (may be waived by the Career Field Manager on case-by-case basis):
3.5.1.1. E-5 through E-7 must be able to obtain 4 or more years retainability prior to current grade HYT.
3.5.1.2. Skill-level commensurate with grade.
3.5.1.3. Outstanding, military bearing, professional military image, and conduct both on/off duty.
3.5.1.4. Demonstrated ability to lead and have empathetic understanding of the problems of Airmen away from home in a new environment.
3.5.1.5. Interview and favorable recommendation by a psychologist, social worker, or psychiatrist.
3.5.1.6. Never been permanently decertified from Military Training Leader duties.
3.5.1.7. No record of disciplinary action resulting in an Article 15 or Unfavorable Information File for the past three years. Ability to speak distinctly.
3.5.1.8. Interview and favorable recommendation by a psychologist, social worker, or psychiatrist.

3.5.1.9. Overall rating of "Exceeded some, but not all expectations" or "Exceeded most, if not all expectations" on last 3 EPRs.
3.5.1.10. Never been convicted by a general, special, or summary courts-martial.
3.5.1.11. Applicants must have scored 75 or above on the last three AF PT tests. Must not have PT failures during the last 12 months for any portion of the PT test. No current PT exemptions except deployment and/or pregnancy. Must have tested on all components during most recent AF PT test. Must obtain a body composition assessment that does not exceed the low-moderate category.
3.5.1.12. No record of emotional instability, personality disorder, or other unresolved mental health problems that interfere with the ability to perform Military Training Leader duties.
3.5.1.13. No record of substance abuse, domestic violence, or child abuse.
3.5.1.14. No record non-judicial punishment or administrative action (Letter of Counseling, Letter of Reprimand, Letter of Admonishment, or Record of Individual Counseling) reflecting a lack of behavioral/emotional control or dereliction of duty.
3.5.1.15. No record of non-judicial punishment or administrative action (Letter of Counseling, Letter of Reprimand, Letter of Admonishment, or Record of Individual Counseling) based on sexual assault, sexual harassment, physical or mental abuse or unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships* and/or AETC's Recruiting, Education and Training Standards of Conduct.
3.5.1.16. Never been convicted by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the accepted number of Category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying. **NOTE:** Categories of offenses are described and listed in AFMAN 36-2032, *Military Recruiting and Accessions, Table A2.2.*
3.5.1.17. See attachment 4 for additional mandatory entry requirements.
3.5.2. For retention of this SDI, the following are mandatory:
3.5.2.1. Maintain entry requirements.
3.5.2.2. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17- 1301, *Computer Security.*
3.5.2.3. No record of non-judicial punishment or administrative action (Letter of Counseling, Letter of Reprimand, Letter of Admonishment, or Record of Individual Counseling) for Trainee Abuse and Hazing as defined in AETCI 36-2909, *Recruiting, Education, and Training Standards of Conduct.*
3.5.2.4. Never been permanently decertified from Military Training Leader duties.

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI and wear of the shoulder chord/Aiguillette is only authorized when an airman completes the initial Military Training Leader formal Course and is filling a funded 8B100 unit manpower document (UMD) authorization. When the member is filling a valid 8B100 UMD authorization, 8B100 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. The CAFSC and DAFSC will be updated after the member graduates from the formal school and signs into the new duty position . Once the member is no longer filling a valid 8B100 UMD authorization, 8B100 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW *AFMAN 36-2100, Military Utilization and Classification*, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8B100 is not authorized for award as the PAFSC when filling a funded 8B100 UMD authorization unless incumbent has no other awarded AFSCs.
4.2. Airmen performing 8B100 duties but not filling a funded 8B100 UMD authorization will have no change in their awarded and control AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8B200

ACADEMY MILITARY TRAINING NCO
(Changed 30 Apr 25)

1. Special Duty Summary. An Academy Military Training (AMT) NCO serves as part of a command team for approximately 110 multi-national Air Force Academy and interservice cadets. Functions as the primary advisor to the Squadron Commander on cadet academics, clubs, athletics, military training, and discipline. Conducts military-related training, cadet counseling, and mentorship on personal and professional matters. Manages squadron professional development programs, administrative tasks, quality force reviews, squadron travel programs, and security clearances. Assists the Commander in educating cadets on character, honor, and human relations. Supports physical fitness programs, facility maintenance, social functions and DRU events. Related DoD Occupational Subgroup: 101200.

2. **Duties and Responsibilities:**

2.1. Must remain vigilant for, and move to resolve issues that, left unchecked, would adversely impact Airmen and Guardian readiness. Prepares cadets to support mission requirements and exercises the necessary leadership to ensure squadron success. Provides commissioning education instruction, evaluates military training, and is certified as a Resiliency Training Assistant (RTA). Maintains and enforces military standards, the Uniform Code of Military Justice, drill and ceremonies, human relations, and safety.

2.2. Advises the Commander on a wide range of topics, including health, esprit de corps, discipline, mentoring, wellbeing, training, professional development, and recognition of all assigned cadets. Attends meetings, councils, and boards, considering administrative actions on assigned cadets. Assists with preparation and execution of unit training and other events (e.g., commander's call, staff meetings, etc.).

2.3. Prepares and maintains personnel files and records that are pertinent to squadron cadets. Maintains oversight of cadet schedules to include academic, military, aviation, athletics, and club program requirements coordination. Prepares reports and records about cadet accountability. Utilizes cadet personnel files for future roles, service academy exchange, and educational program recommendations.

2.4. Establishes equitable discipline and ensures standards are maintained across the Cadet Wing. Ensures cadets maintain military standards. Guides and assists in selecting, training, and evaluating cadet leaders. Ensures safety in formations, dormitories, and at sporting events.

2.5. Mentors and assists cadets in adapting to the military and Academy environment. Manages programs to meet all military obligations necessary for commissioning. Assists cadets in all facets of training development and planning.

2.6. Serves as facility manager for more than sixty dormitory and day rooms, as well as unit social areas. Ensures maintenance and upkeep are addressed, and corrective actions are taken in a timely manner.

2.7. Supervises all administrative actions directed by the Commander. Coordinates with USAFA/CW staff to schedule sponsor base trips, unit functions, duties, leave, passes, and other absences from duty. Performs quality force review and ensures timely processing of Military Performance Appraisals (MPA), awards, favorable communications, classification actions, quality control actions, and disciplinary actions.

2.8. Develops morale and welfare initiatives. Oversees special military training events (cadet basic training, expeditionary skills training, etc.). Leads and attends the United States Air Force Academy (USAFA) and Cadet Wing annual events (National Character and Leadership Symposium (NCLS), Corona, Ring Dance, commissioning ceremonies, graduation, and formal dinners).

3. **Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory on personnel management, counseling, Air Force organizational structure, principles, techniques, and methods of instruction, learning processes, training evaluation, military training, drill and ceremonies, customs and courtesies, sanitation and hygiene, and military justice.

3.2. Education. For entry into this SDI, the following are mandatory:

3.2.1. CCAF degree or Associate Degree required; Bachelor Degree desired.

3.3. Training. For retention of this SDI, completion of the formal Academy Military Trainer Course is mandatory.

3.4. Experience.

3.4.1. Minimum three years of supervisory experience.

3.4.1.1. Previous AETC experience desired

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry and retention into this SDI, the following are mandatory:

3.5.1.1. Must meet minimum PCS eligibility requirements per the EQUAL-Plus Assignments Personnel Services Delivery (PSD) Guide.

3.5.1.2. E-6/E-7 and must be able to obtain four or more years of retainability prior to HYT.

3.5.1.3. Skill level commensurate with grade. The highest proficiency in the functional role is highly desired.

3.5.1.4. The last three performance briefs suggest a pattern of consistently strong performance over the evaluated periods.

3.5.1.5. Outstanding in appearance, military bearing, professional military image, and conduct both on/off duty.

3.5.1.6. Ability to speak clearly and communicate well with others.

3.5.1.7. Must have scored 85 or above on the last four fitness tests, or 90 or above on the last two fitness tests, with no failure on any portion within the last four years. No component exemptions on the most recent fitness test. The only allowable exemptions are pregnancy and deployment.

3.5.1.8. Must meet "Moderate Risk" standard for body composition (utilizing Waist-to-Height ratio) "Low Risk" preferred.

3.5.1.9. Must be able to complete a psychological screening using the Academy Military Trainer Psychological Screening Protocol and Shipley screener accomplished at the base MTF by a psychologist, social worker, or psychiatrist with a favorable recommendation.
3.5.1.10. Must be able to provide an AF IMT 422A, Physical Profile, completed by the base MTF verifying the member has no physical defects and possesses the physical ability to supervise and guide cadets on a 24-hour basis, possess the physical stamina sufficient to endure training activities and ceremonies under adverse climate conditions, has the ability to speak distinctly, and a recommendation stating the member is/is not recommended for AMT duty.
3.5.1.11. Interview with a favorable recommendation/endorsement by applicant's Commander and Command Chief documented on the 8B200 AMT Special Duty Application.
3.5.1.12. See attachment four for additional entry requirements.
3.5.2. No record of disciplinary action resulting in an Article 15 or Unfavorable Information File in the last five years. Never been convicted by a general, special, or summary courts-martial. In some cases, Letters of Reprimand, Administrative Demotion, and referral performance reports/briefs may be disqualifying factors for retention in this SDI.
3.5.2.1. No record of emotional instability, personality disorder, or other unresolved mental health problems that interfere with the ability to perform Academy Military Trainer duties.
3.5.2.2. No record of substance abuse, domestic violence, child abuse, or unprofessional relationships.
3.5.2.3. No substantiated abuse findings defined in DAFI 40-301, Family Advocacy Program.
3.5.2.4. No conviction by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the accepted number of Category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying. Categories are described in DAFMAN 36-2032 Military Recruiting and Accessions.
3.5.2.5. A valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, Ground Transportation.
3.5.2.6. Maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, Computer Security.

Utilization Note (RegAF only):
Award of this SDI is only authorized when a member is filling a funded 8B200 unit manpower document (UMD) authorization. When the member is filling a valid 8B200 UMD authorization, 8B200 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. The CAFSC will be updated after the member graduates from all formal training requirements (this is the same time the DAFSC changes). If there is no formal school, then the CAFSC will be updated using the same effective date as the DAFSC. Once the member is no longer filling a valid 8B200 UMD authorization, 8B200 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36- 2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8B200 is not authorized for award as the PAFSC when filling a funded 8B200 UMD authorization unless the incumbent has no other awarded AFSCs. Airmen performing 8B200 duties but not filling a funded 8B200 UMD authorization will have no change in their awarded and Control AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, Military Utilization and Classification. Use Outside of Control AFSC.

SDI 8B300

OFFICER ACCESSIONS INTRUCTOR
(Changed 31 Oct 24)

1. **Special Duty Summary.** An Officer Accessions Instructor provides mentorship and guidance to aspiring officers and is a key advisor to the Assistant Director of Operations or Instructor Supervisor. Duties include providing guidance on effective leadership techniques, shared personnel experiences and offering insight into the enlisted corps. Instructors will deliver classroom lessons and will be spread throughout all the different phases of training bringing specialized knowledge, technical proficiency, and extensive experience in specific areas. Member will also be trained, and potentially certified, to teach Air Force Combatives, evaluate field training events and participate in occasional physical training. This is an exceptional opportunity to mold and mentor future Air and Space Force officers while working alongside Active Duty, Air Force Reserve and Air National Guard members from diverse backgrounds and AFSCs. Member is responsible for effective implementation of education and training activities as well as advising students on a broad range of topics. Additionally, the member critiques field leadership and debrief evaluations. Further, Officer Accessions Instructors facilitate group discussions, problem solving and subsequently provides written recommendations as required. Upon completion of a successful tour, the Special Duty Ribbon is earned along with an opportunity to compete for AETC Master Instructor while instructing. Applicants must possess a high level of attention to detail and demonstrate exceptional military bearing.

2. **Duties and Responsibilities:**
2.1. Must remain vigilant and move to resolve issues that would adversely impact cadet readiness. Prepares cadets to support mission requirements and exercises the necessary leadership to ensure Detachment success. Maintains and enforces military standards, Uniform Code of Military Justice, drill and ceremony training/execution, human relations, and safety.
2.2. Advises the PAS/APAS on a wide range of topics including the health, esprit de corps, mentoring, well-being, training, professional development, and recognition of all assigned cadets. Assists with preparation and execution of course instruction, commissioning, Extended Active Duty (EAD), contracting, enlistment, Body Mass Index (BMI) checks, Civil Involvements (CIs), Cadet Personnel Actions (CPARs), Personnel Reliability Assurance Program (PRAP), training and other events (e.g., commander's call, staff meetings, etc.).
2.3. Conducts cadet mid-term feedbacks & counseling sessions.
2.4. Prepares and maintains cadet personnel records. Maintains oversight of cadet schedules to include academic, military, clubs and program requirements. Prepares reports and records about cadet accountability.
2.5. Ensures military/academic/personnel standards are maintained across the Cadet Wing. Guides and assists in selecting, training, and evaluating cadet leaders. Ensures/enforces safety within all formations and events.
2.6. Maintains control of proper uniform issuance and enforces standards on wear.
2.7. Mentors & assists cadets in adapting to the detachment environment and military standards. Manages programs to meet all commissioning requirements. Assists cadets in all facets of training, development, and planning.
2.8. Develops morale and welfare initiatives. Oversees special detachment training events (cadet professional development training, expeditionary skills training, etc.). Leads and attends detachment events (dining in/out, awards, commissioning ceremonies, graduation, etc).

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory on: personnel management; counseling; Air Force organizational structure; principles, techniques, and methods of instruction; learning processes; training evaluation; Military Training; Drill and Ceremonies; Customs and Courtesies; Sanitation and Hygiene; and Military Justice.
3.2. Education. For entry into this SDI, the following are mandatory:
3.2.1. CCAF degree or Associates degree or higher from a nationally or regionally accredited academic institution.
3.3. Training. For retention of this SDI, completion of the AFROTC NCO Cadre Course (ROTC Specific assignments), and Academic Instructor Certification is mandatory.
3.4. Experience. N/A
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this SDI, the following are mandatory:
3.5.1.1. Approved candidate on the developmental special duty nomination list.
3.5.1.2. E-5 – E-8 and must be able to obtain 3 or more years retainability prior to High Year Tenure (HYT). Preferred that E-5's have at least 2 years of Time in Grade by the RNLTD and 6 years of Time in Service.
3.5.1.3. Skill-level commensurate with grade. Highest proficiency in functional role is highly desired.
3.5.1.4. Overall rating of "Exceeded some, but not all expectations" or "Exceeded most, if not all expectations" on the last 3 Enlisted Performance Reports (EPRs).
3.5.1.5. Ability to speak clearly and communicate well with others.
3.5.1.6. Must have no current PT exemptions (with the exception of those due to pregnancy and/or deployment).
3.5.2. Member must receive a favorable recommendation by their current local leadership.
3.5.3. Must have no record of financial irresponsibility.
3.5.4. Complete Special Duty Application IAW SPECAT.

3.5.5. Complete an interview either teleconference, VTC, or in person with the hiring organization.
3.5.6. For entry and retention of this SDI:
3.5.6.1. No record of disciplinary action resulting in an Article 15 or Unfavorable Information File in the last five years. No convictions by a General, Special, or Summary Courts-Martial. In some cases, Letters of Reprimand, Administrative Demotion, and referral EPR may be disqualifying factors for retention in this SDI.
3.5.6.2. No record of substance abuse, domestic violence, child abuse, or unprofessional relationships.
3.5.6.3. No substantiated abuse findings defined in AFI 40-301, *Family Advocacy Program*.
3.5.6.4. No conviction by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the accepted number of Category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying. Categories are described in AFI 36-2002, *Regular Air Force and Special Category Accession*, Uniform Guide List of Typical Offenses.
3.5.6.5. Maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.6.6. No record of emotional instability, personality disorder, or other unresolved mental health problems that interfere with the ability to perform AFROTC Training Instructor duties.

4. **Utilization note (RegAF only):**
4.1. Award of this SDI is only authorized when an Airman is filling a funded 8B300 unit manpower document (UMD) authorization. When the member is filling a valid 8B300 UMD authorization, 8B300 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. The Control AFSC will be updated after the member graduates from the formal school and signs into the new duty position (this is the same time the Duty AFSC changes). If there is no formal school, then the Control AFSC will be updated using the same effective date as the Duty AFSC. Once the member is no longer filling a valid 8B300 UMD authorization, 8B300 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36- 2100. unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8B300 is not authorized for award as the Primary AFSC when filling a funded 8B300 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8B300 duties but not filling a funded 8B300 UMD authorization will have no change in their awarded and control AFSCs. Ensure airmen employed outside of their Control AFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8C000

MILITARY AND FAMILY READINESS NON-COMMISSIONED OFFICER (RNCO)

(Changed 30 Apr 25)

1. **Special Duty Summary.** Supports the Military and Family Readiness Center (M&FRC) overall functional mission to ensure programs and services are responsive to the needs of service members, DoD civilians and their families. Develops and provides personal and family readiness services related to pre-deployment, deployment/sustainment, redeployment/reintegration, and post deployment education and consultation to Total Force Airmen and their families. Develops, exercises, and implements Emergency Family Assistance (EFA) and disaster response support plans. Related DoD Occupational Subgroup: 150000.

2. **Duties and Responsibilities:**

2.1. The principal military advisor to the M&FRC Flight Chief and staff on matters regarding readiness, resilience, and deployment for the Total Force and family members. Assists service members and families with advance planning and preparations for deployments and extended separations, to include developing and making available educational materials and information. Briefs and provides information in support of readiness and referral services to families in the absence of the military member. In collaboration with installation Community Action Team (CAT) agencies and M&FRC staff, develops reintegration materials and on-going services for all eligible beneficiaries. Assists with Military and Family Readiness support groups and other related activities. Assists M&FRC staff and Community Action Team (CAT) agencies to develop readiness publications, plans, marketing, education, training, and awareness materials. Provides advocacy for the unique educational needs of military children and families during deployments and assists in ensuring school personnel are aware of the unique issues and stressors impacting military children.

2.2. Ensures development and implementation of a written M&FRC readiness response plan and its incorporation into installation emergency response plans and operations planning to support national and local emergencies, natural disasters, and Noncombatant Evacuation Operations (NEO). Attains and maintains in-depth knowledge of base contingency/operational plans related to force readiness with a specific focus on personal/family readiness planning and serves as consultant to M&FRC and local leadership on exercising those plans. Briefs and assists military members, DoD civilians, and families during emergencies and natural disasters, providing assistance during contingency operations. Is an integral member of the Emergency Family Assistance Center (EFAC) as defined by local and Air Force requirements. Liaison to installation and community organizations for on-base contingency and disaster preparedness planning to include deployment lines and mass casualty exercises. Provides military, civilian and family assistance and support before, during, and after local or national emergencies, natural disasters, mobilization, deployment, separation, or evacuation (to include NEO, repatriation, and Safe Haven staging operations). Supports M&FRC Emergency Family Assistance (EFA) response operations. Contribute to the delivery of essential services, support, and information to personnel affected by an all-hazards incidents. Is trained as Air Force Accountability and Assessment System (ADPAAS) Case Manager.

2.3. Educates members and families regarding Air Force Aid Society community enhancement programs directly affecting personal and family readiness and resilience. Promotes the M&FRC programs/services at Chiefs' groups, First Sergeant groups/councils, commanders' calls and other forums as required.

2.4. Responsive for data collection and utilization of the Air Force Family Integrated Results and Statistical Tracking (AFFIRST) data system within the M&RC. Attain and maintain in-depth working knowledge of AFFIRST.

3. **Specialty Qualifications:**

3.1. Knowledge. Knowledge of personnel management, professional support functions, installation deployment mission/issues, Air Force organization and administration is mandatory.

3.2. Education. For entry into this SDI, completion of high school or general educational equivalency is mandatory. Some college is desired.

3.3. Training. For retention of this SDI, one of the following training requirements is mandatory:

3.3.1. Completion of the Air University Military and Family Foundational Course within 12 months of initial assignment in this SDI is mandatory.

3.3.2. Completion of the Air University Master Resilience Trainer Courser (MRTC) and award of SEI 1A7 is mandatory or

3.3.3. Completion of prescribed training directed by the Air Force Office of Airman and Family Readiness Policy (USAF/A1SA) IAW DAFI 36-3009, Military & Family Readiness Centers.

3.4. Experience. Not used.

3.5. Other. The following are mandatory:

3.5.1. Entry:

3.5.1.1. For RegAF position, approved candidate on the developmental special duty nomination list.

3.5.1.2. For AFRC position, approved candidate on the Ready for Developmental Opportunity (RDO) from their primary AFSC Developmental Team.

3.5.1.3. E-6 through E-7 and must be able to obtain 4 or more years retainability prior to HYT.

3.5.1.4. Skill-level commensurate with grade.

3.5.1.5. Overall rating of "Exceeded some, but not all expectations" or "Exceeded most, if not all expectations" and/or an overall 5 rating on last 3 EPRs.

3.5.1.6. Must have scored 80 or above on last two fitness tests, or 90 or above on most recent fitness test, no failure on any portion within the last 12 months.
3.5.1.7. No record of disciplinary action that resulted in an Article 15 or Unfavorable Information File for the past three years.
3.5.1.8. Competency to write effectively and speak professionally, clearly, and distinctly.
3.5.1.9. Familiarity and understanding of a wide range of Air Force programs affecting personnel policy, resilience, quality of life, education, and other family programs.
3.5.1.10. Demonstrated typing capability at a minimum of 25 words per minute (wpm).
3.5.1.11. Outstanding in appearance, military bearing, professional military image, and conduct both on/off duty.
3.5.1.12. See attachment 4 for additional mandatory entry requirements.
3.5.2. For entry and retention.
3.5.2.1. No recorded evidence of mental and emotional instability, personality disorder, or other unresolved mental health problems.
3.5.2.2. Never been convicted by a civilian court of a Category 1, 2, or 3 offenses, nor exceeded the accepted number of Category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying. ***NOTE****: Categories of offenses are described and listed in Air Force Manual 36-2032, Military Recruiting and Accession Uniform Guide List of Typical Conduct Offenses.*
3.5.2.3. No record of substance abuse, financial irresponsibility, domestic violence, or child abuse.
3.5.2.4. Never been convicted by a general, special, or summary courts-martial.
3.5.2.5. Never received substantiated abuse findings defined in AFI 40-301, *Family Advocacy Program*.
3.5.2.6. No record of disciplinary action (Letter of Reprimand [LOR] or Article 15) for engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, *Air Force Professional Relationships and Conduct* or documented failures (LOR or Article 15) to exercise sound leadership principals.
3.5.2.7. Must maintain a valid state driver's license and able to operate a non-tactical government motor vehicle (GMV) IAW AFI 24-301, Ground Transportation.
3.5.2.8. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security. (COMPUSEC)*
3.5.2.9. Must maintain eligibility to deploy and mobilize worldwide. Of the three assignment limitation codes, C-1, C-2, and C-3, those coded C-1 with approved waivers for PCS/Deployment are acceptable provided they are capable of performing the core tasks of SDI 8C000.
3.5.2.10. Reference DAFI 36-3009, Military and Family Readiness Center, for additional qualifications.
3.5.3. For retention, no record of disciplinary action (Letter of Reprimand [LOR] or Article 15) or referral Enlisted Performance Report (EPR) after award of SDI.

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8C000 unit manpower document (UMD) authorization. When the member is filling a valid 8C000 UMD authorization, 8C000 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. The CAFSC will be updated after the member graduates from the formal school and signs into the new duty position (this is the same time the DAFSC changes). If there is no formal school, then the CAFSC will be updated using the same effective date as the DAFSC. Once the member is no longer filling a valid 8C000 UMD authorization, 8C000 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36- 2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8C000 is not authorized for award as the PAFSC when filling a funded 8C000 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8C000 duties but not filling a funded 8C000 UMD authorization will have no change in their awarded and control AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8D100

LANGUAGE & CULTURE ADVISOR
(Changed 31 Oct 16, Effective 8 Feb 16)

1. **Special Duty Summary.** Serves as key advisor and consultant to commanders and supervisors on issues pertaining to foreign language and regional culture. Functions as interpreter/translator as required.

2. **Duties and Responsibilities:**
2.1. Advises Air Force activities and coordinates on matters pertaining to foreign language and regional culture area(s) of expertise.
2.2. Prepares written reports, briefs and summaries as required for commanders and supervisors based on specific requirements. Creates, assembles and/or provides in-depth briefings as required. Practices and applies appropriate security controls.
2.3. Maintains familiarity and proficiency in validated foreign language(s) and applies language and regional cultural knowledge as required.
2.4. Assists and/or participates in formal language and regional culture training, activities, exercises, or events as required; functions as interpreter/translator as required.

3. **Specialty Qualifications:**
3.1. Knowledge. Demonstrated knowledge in at least one foreign language is required.
3.2. Education. For entry into this SDI, completion of high school or general education development equivalency is mandatory. Education beyond high school level is highly desirable.
3.3. Training. Not used.
3.4. Experience. Not used.
3.5. Other.
3.5.1. The following are mandatory for entry into this SDI:
3.5.1.1. Must be accessed under the Military Accessions Vital to National Interest (MAVNI) Program.
3.5.1.2. See attachment 4 for additional mandatory entry requirements.
3.5.2. For entry and retention of this SDI:
3.5.2.1. Must never have been convicted by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the accepted number of category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying.
NOTE: Categories of offenses are described and listed in AFI 36-2002, *Regular Air Force and Special Category Accessions, Uniform Guide List of Typical Offenses.*
3.5.2.2. No recorded evidence of emotional instability, personality disorder, or other unresolved mental health problems.
3.5.2.3. No record of substance abuse or financial irresponsibility.
3.5.3. For retention of this SDI:
3.5.3.1. Never been convicted by a general, special, or summary courts-martial.
3.5.3.2. No record of disciplinary action (Letter of Reprimand [LOR] or Article 15) or referral Enlisted Performance Report (EPR) after award of SDI.
3.5.3.3. No record of domestic violence or child abuse; never received substantiated abuse findings as defined in AFI 40-301, *Family Advocacy Program.*
3.5.3.4. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.3.5. Must demonstrate annually (every 12 months) continued proficiency in at least one foreign language at proficiency level 2 or higher in all modalities tested via Defense Language Proficiency Test (or oral proficiency interview, as required).

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8D100 unit manpower document (UMD) authorization. When the member is filling a valid 8D100 UMD authorization, 8D100 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8D100 UMD authorization, 8D100 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36- 2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8D100 is not authorized for award as the PAFSC when filling a funded 8D100 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8D100 duties but not filling a funded 8D100 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8F000

FIRST SERGEANT
(Changed 30 Apr 24)

1. **Special Duty Summary.** Serves as the commander's advisor and critical link for matters concerning Airmen. Supports the mission through interaction, support and management of Airmen and families. Related DoD Occupational Subgroup: 152100.

2. **Duties and Responsibilities:**
2.1. Provides the commander a mission-ready force to execute the unit mission. Must remain vigilant for, and move to resolve, issues that, left unchecked, would adversely impact Airmen readiness. Prepares personnel of the organization to deploy in support of mission requirements. Exercise the necessary leadership to provide and sustain a mission-ready workforce for the commander.
2.2. Advises the commander on a wide range of topics including the health, esprit de corps, discipline, mentoring, well-being, career progression, professional development, and recognition of all assigned Airmen. Assists the commander in preparation and execution of unit training and information programs (e.g., commander's call). Attends staff meetings. Represents the commander at base meetings and councils, and when conducting tours through unit areas.
2.3. Works with fellow senior noncommissioned officers (SNCO) and supervisory personnel to ensure discipline is equitably maintained and the health, esprit de corps, discipline, mentoring, and welfare of the force are met. Ensures supervisors set an appropriate example for the subordinates. Provides leadership and guidance to supervisors and members enabling them to resolve problems or complaints at the lowest level. Coordinates the resolution of complex problems with the supervisor, member, commander, and appropriate base agencies. Maintains liaison with base agencies to ensure availability of services for unit members. Ensures training is provided on matters of leadership, customs and courtesies, dress and personal appearance, self-discipline, adherence to standards, drill and ceremony, safety, and sanitation. Supports and promotes professional military education activities. Corrects conduct prejudicial to good order and discipline.
2.4. Assists personnel in adapting to military environment and adjusting to the organization and duty assignments. Monitors unit sponsorship programs and conducts orientation for newly assigned personnel. Makes frequent contact with unit members at work, housing, and recreation areas.
2.5. Manages care and upkeep of unit dormitories and adjacent grounds. Participates in the Quarters Improvement Committee. Inspects dormitories, day rooms and unit areas as necessary. Initiates corrective action when required. Addresses housing concerns, ensuring personnel are expeditiously housed, accounted for and issues or conditions, which have the potential to negatively impact readiness, are resolved.
2.6. Supervises administrative actions directed by the commander. Coordinates with supervisors of enlisted personnel to schedule unit functions, duties, leave, passes and other absences from duty. Performs quality force review and ensures timely processing of performances reports, awards, decorations, favorable communications, promotions, demotions, classification actions, quality control actions and disciplinary actions.
2.7. Works closely with the command chief master sergeant to ensure Airmen understand and are prepared to execute the mission. Develops and executes specific goals, plans and objectives to address issues related to Airmen.

3. **Special Duty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of personnel management with emphasis on quality force indicators, personnel and administration; military training; Air Force organization; drill and ceremonies; customs and courtesies; military justice; and counseling techniques.
3.2. Education. For entry into this SDI, CCAF degree or equivalent is mandatory for RegAF and AFRC Airmen. ANG members are not required to possess a CCAF or equivalent upon entry into this SDI. ANG members must immediately enroll in the SNCOA correspondence course upon first sergeant selection (if not currently enrolled/complete) and must complete the course within 24-months from FSA graduation date.
3.3. Training. For award of this SDI, completion of the USAF First Sergeant Academy is mandatory.
3.4. Experience. Not used.
3.5. Other.
3.5.1. For entry into this SDI, the following are mandatory:
3.5.1.1. E-7 with 4 or more years from current/projected grade HYT.
3.5.1.2. Possess an awarded AFSC at the 7- or 9-skill level and not projected to reach six years of service outside of that AFSC during initial four-year tenure as a First Sergeant. NOTE: Career Enlisted Aviators only serve three-year initial tenures.
3.5.1.3. No record of "not ready now" on the last 5 years of evaluations.
3.5.1.4. No referral EPRs in the last three years.
3.5.1.5. Scored 80 or above on last two fitness tests, or 90 or above on most recent fitness test, no failure on any portion within the last 12 months or exemptions, except for deployments and/or pregnancy, from any component. Current fitness test must be valid through in-residence First Sergeant Academy graduation.
3.5.1.6. Not currently serving in a Special Duty
3.5.1.7. Outstanding in appearance, military bearing, professional military image, and conduct both on/off duty.

3.5.1.8. Must not have, nor bear the appearance of, personal, marital, or family problems that detracts from the member's ability to effectively serve as a first sergeant.
3.5.1.9. No record of disciplinary action resulting in an Article 15 or Unfavorable Information File for the past three years.
3.5.1.10. Be highly motivated, have exceptional leadership and managerial skills.
3.5.1.11. Body composition not to exceed moderate risk category.
3.5.1.12. See attachment 4 for additional entry requirements
4. **For entry and retention of this SDI, the following are mandatory:**
4.1. No general, special, or summary courts-martial convictions.
4.2. No record of disciplinary action (Letter of Counseling, Letter of Admonishment, Letter of Reprimand, or Article 15) for engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships* or documented failures to exercise sound leadership principals.
4.3. No convictions by a civilian court except for minor traffic violations.
4.4. No military disciplinary/corrective action (LOC, LOA, LOR, or Article 15) for sexual related offenses, drug related offenses, larceny/theft/fraud, assault, domestic/child abuse related offenses or repeat offenders for lesser offenses of those listed.
4.5. Must not have an Assignment Limitation Code (ALC) of C-3.
5. **For retention of this SDI, the following are mandatory while serving as a first sergeant:**
5.1. No nonjudicial punishment under the Uniform Code of Military Justice during first sergeant tenure
5.2. Must maintain 8F000 qualifications IAW AFI 36-2113, *The First Sergeant*.
5.3. No rating of "not ready now" or a referral EPR/EPB during first sergeant tenure.
5.4. No more than one physical fitness assessment under 80 during tenure as a first sergeant.
5.5. Body composition not to exceed moderate risk category.
5.6. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

Utilization note (RegAF only): Award of this SDI is only authorized when an airman is filling a funded 8FXXX unit manpower document (UMD) authorization. When the member is filling a valid 8FXXX UMD authorization, 8FXXX is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. The CAFSC will be updated after the member graduates from the formal school and signs in the new duty position (this is the same time the DAFSC changes). If there is no formal school, then the CAFSC will be updated using the same effective date as the DAFSC. Once the member is no longer filling a valid 8FXXX UMD authorization, 8FXXX is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8FXXX is not authorized for award as the PAFSC when filling a funded 8FXXX UMD authorization.

5.7. unless incumbent has no other awarded AFSCs. Airmen performing 8FXXX duties but not filling a funded 8FXXX UMD authorization will have no change in their awarded and control AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8F100

GUARDIAN FIRST SERGEANT

(Established 30 Apr 25)

1. **Special Duty Summary.** Serves as the dedicated focal point for readiness, health, morale, welfare, and quality of life issues within their assigned organizations. Related DoD Occupational Subgroup: 152100.
2. **Duties and Responsibilities**:
2.1. Are available to respond 24 hours a day, 7 days a week and will provide a trained and commander approved additional duty first sergeant during absences
2.2. Serve in a full-time role and is not assigned additional duties
2.3. Operate outside the chain of command and will not assume rater or additional rater responsibilities
2.4. Where applicable, have a regular presence in the dormitory and/or single residence first term Guardian community housing to conduct morale visits, room inspections, and to assess quality of life concerns
2.5. Liaise with dormitory and housing management to address housing concerns and resolve issues that negatively impact readiness
2.6. Advise commanders and supervisors on agencies, policies, and programs that support members and their families
2.7. Understand civilian personnel policy and labor laws impacting assigned civilian Guardians in the unit
2.8. Advise commanders and supervisors on disciplinary issues and ensure proper administration of judicial, non-judicial and administrative actions for the unit
2.9. Work closely with law enforcement and the legal office to serve as proper advisor to commander
2.10. Engage and are familiar with installation support agencies and serve as the commander's liaison understanding local administrative, personnel, services, and legal policies
2.11. Serve as commander's principal liaison for The Commander's Key Support Program
2.12. Guardians will be assigned as a Guardian First Sergeant for a 2-year period

3. **Special Duty Qualifications:**
3.1. Knowledge. Knowledge of the organization, mission, policies, and history of the United States Space Force is mandatory.
3.2. Education. Completion of high school or general educational equivalency is mandatory.
3.3. Training. For retention, completion of the USAF First Sergeant Course is mandatory.
3.4. Other. The following are mandatory:
3.4.1. For entry:
3.4.1.1. Apply and selected though the Special Duty Talent Management Board.
3.4.1.2. Grade: E7 (no minimum time in grade requirement)
3.4.1.3. Obtain a PULHES of 333231 annotated on the AF Form 422
3.4.1.4. Exemplify outstanding military conduct (on and off duty) to include past duty performance.
3.4.1.5. Be highly motivated, have exceptional leadership and managerial skills.
3.4.1.6. Be able to speak clearly and communicate well with others.
3.4.1.7. Possess a low-risk or moderate-risk body composition utilizing the DAF Body Composition measurement.
3.4.1.8. . Applicants must be compliant and passing with current United States Space Force fitness requirements.
3.4.1.9. Have no history of emotional instability, personality disorder, or other unresolved clinically diagnosed mental health problems.
3.4.1.10. Have no record of domestic violence, or child abuse.
3.4.1.11. Have no record of substance abuse, including drugs or alcohol.
3.4.1.12. Have no record of financial irresponsibility.
3.4.1.13. Have no record of disciplinary Action resulting in an article 15 or Unfavorable Information File for the past five years.
3.4.1.14. Have no record of court-martial, non-judicial punishment, disciplinary action, or administrative action (Letter of Reprimand, Letter of Admonishment, Letter of Counseling, or Record of Counseling) for engaging in an unprofessional or inappropriate relationship as defined in AFI 36- 2909, *Professional Relationships and Conduct*.
3.4.1.15. Have no failures to exercise sound leadership principles concerning the morale or welfare of subordinates.
3.4.1.16. Not reflect a lack of character or behavioral/emotional control.
3.4.1.17. Have never been convicted by a general, special, or summary courts-martial.
3.4.1.18. Have never been convicted by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the accepted number of Category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying. NOTE: Categories of offenses are described and listed in AFI 36-2002, *Regular Air Force and Special Category Accession*, Uniform Guide List of Typical Offenses.

Utilization Note: Award of this Special Duty Identifier (SDI) is only authorized when a Guardian is filling a funded 8F100 unit manpower document (UMD) authorization. When the member is filling a valid 8F100 UMD authorization, 8F100 is authorized as the awarded Duty SFSC. The DSFSC will be updated after the member completes formal school and signs into the new duty position. Once the member is no longer filling a valid 8F100 UMD authorization, 8F100 is no longer authorized as the Duty SFSC but will remain as an awarded (secondary, third or fourth) SFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded SFSC. Further, 8F100 is not authorized for award as the PSFSC when filling a funded 8F100 UMD authorization unless incumbent has no other awarded SFSCs. Guardians performing 8F100 duties but not filling a funded 8F100 UMD authorization will have

no change in their awarded SFSCs. Guardians performing in this position will not have their Control Space Force Specialty Code (CSFSC) changed and will continue to compete for promotion in their CSFSC.

CEM Code 8G000
AFSC 8G091 Superintendent
AFSC 8G071*Craftsman
AFSC 8G051* Journeyman
AFSC 8G031* Apprentice
AFSC 8G011* Helper

★PREMIER HONOR GUARD

(Changed 31 Oct 25)

1. **Special Duty Summary.** Performs traditional Honor Guard roles and duties. Represents the Air Force at ceremonies where protocol or customs dictate using an honor guard or military escort. Conducts, plans, trains, and supervises military and civilian events, ceremonies, and protocol functions. Related DoD Occupational Subgroup: 183000.

2. **Duties and Responsibilities:**
2.1. Manages and participates in honor guard operations.
2.2. Performs as an Honor Guard and Ceremonial Guardsman. Symbolizes the United States Air Force to American and foreign dignitaries at public ceremonies in the National Capital Region, at all Air Force installations, and various locations around the world. Participates in Air Force and joint service arrival and departure ceremonies for the President, foreign heads of state, and other national or international dignitaries. Performs Military Funeral Honors for AF active duty, retired personnel, veterans, and dependents according to public law.
2.3. Acts as an escort or member of an honor guard unit. Participates in Air Force and joint service ceremonies on special occasions such as state, official, special military, or Air Force funerals, wreath ceremonies, and color guard and escort duties at civil and military events and ceremonies.
2.4. Performs honor guard duties for senior leader or installation events, luncheons, retirements, promotion ceremonies, and civic events as deemed appropriate by tradition, custom, historical references, and military protocol.
2.5. Plans, schedules, coordinates and conducts honor guard activities. Plans, schedules, coordinates, and conducts honor guard participation in Air Force and joint service ceremonies. Advises, and provides technical expertise on activities and matters pertaining to military drill, honors, ceremonies and protocol.
2.6. May participate in intermediate and advanced armed drill routines at civilian and military events and ceremonies across the globe.
2.7. Deploys in support of National Special Security Events. May be assigned to support State Funeral Plans as a quick reaction force/fly-away team member.

3. ★**Specialty Qualifications:**
3.1. Knowledge. Knowledge of military customs and ceremonies.
3.2. ★Education. For entry into this specialty, completion of high school with courses in government and physical education is desirable.
3.3. Training
3.3.1. 8G031. Completion of USAF Honor Guard Course, L5AQ08G000 (OH1A).
3.3.2. 8G071. Completion of Protocol, Honors, and Ceremonies Course, L5AZO8G000 (OH2A).
3.4. Experience.
3.4.1. 8G051. Qualification in and possession of AFSC 8G031X. Also, experience performing funerals and ceremonies, firearms security and handling.
3.4.2. 8G071. Qualification in and possession of AFSC 8G051X. Also, experience supervising, teaching, and scheduling funerals, ceremonies, and honor guard operations.
3.4.3. 8G091. Qualification in and possession of AFSC 8G071. Also, experience managing and controlling honor guard operations, missions, and programs.
3.5. Other. The following are mandatory:
3.5.1. See attachment 4 for additional mandatory entry requirements.
3.5.2. For entry:
3.5.2.1. E-5 through E-8 must be able to obtain 4 or more years retainability prior to HYT.
3.5.2.2. Must have outstanding military bearing and appearance and demonstrate high level of professional and military conduct.
3.5.2.3. Skill level commensurate with grade, if applicable.
3.5.2.4. Minimum height of 66”. Maximum height of 76”
3.5.2.5. ★For award of suffix B, minimum height is 69”.
3.5.2.6. For award of suffix C and D, minimum height is 68”.
3.5.2.7. Last five performance reports must demonstrate consistently high standards of character, discretion, and performance.
3.5.2.8. No record of disciplinary action that resulted in an Article 15 or Unfavorable Information File for the past three years.
3.5.2.9. Never been convicted by a civilian court of Category 1, 2, 3, or 4 offenses.
3.5.2.10. No history of excessive alcohol use or been arrested for an alcohol related incident, regardless of disposition, except when found not guilty.
3.5.2.11. Must not have a record of Self-Directed Violence or Self-Directed Violence-Preparatory, suicide attempts, or suicidal ideations.
3.5.3. For entry and retention:

3.5.3.1. Must have scored 85 or above on most recent fitness test, no failure on any portion within the last 12 months, and no more than one fitness assessment failure during current enlistment. NOTE: Award if suffix B, requires passing completion of the USAF Tier II Pallbearer Fitness Test.
3.5.3.2. Not exceed maximum abdominal circumference standard of 39 inches for males, 35.5 inches for females.
3.5.3.3. ★Body Composition Assessment category must be "Low Risk." NOTE: May be waived if Waist-to-Height Ratio does not exceed .53.
3.5.3.4. Vision must be 20/20 or correctible to 20/20 using contact lenses.
3.5.3.5. Must be able to conform to exacting grooming standards listed in AFMAN 34-515, *USAF Honor Guard.*
3.5.3.6. No medical conditions preventing prolonged standing, (i.e., vertigo, back or knee disorders), marching, repetitive movements, or other physical limitation that prohibits execution of ceremonial duties.
3.5.3.7. No history of dizziness, fainting, or any physiological conditions that could lead to syncope.
3.5.3.8. No recorded evidence of unresolved clinically diagnosed mental health issues that prevent the member from arming, sleeping, learning, and/or performing funerals and ceremonies.
3.5.3.9. No record of substance abuse, financial irresponsibility, domestic violence, or child abuse.
3.5.3.10. No record of conviction by summary, special, or general courts-martial.
3.5.3.11. No record of disciplinary action (Letter of Admonishment [LOA], Letter of Reprimand [LOR], or Article 15) for any of the following:
3.5.3.11.1. Engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships*; or
3.5.3.11.2. Failure to exercise sound leadership principles with respect to morale or welfare of subordinates; or
3.5.3.11.3. ★Taking or failing to act in situations thereby exhibiting a lack of integrity, or
3.5.3.11.4. A violation of Article 107, Uniform Code of Military Justice, False official statements; or
3.5.3.11.5. Participating or allowing others to participate in behavior or activities that are of a nature to bring discredit upon the armed forces.
3.5.3.12. Have no conviction under the Uniform Code of Military Justice (UCMJ) during current enlistment to include nonjudicial punishment.
3.5.3.13. Never convicted in civil or UCMJ proceedings (to include judicial and nonjudicial punishment) for any type of drug abuse or drug-related offense.
3.5.3.14. No more than two Premature Fallouts throughout career.
3.5.3.15. No more than 180 days in Do Not Include In Ceremonies (DNIC) status during a 12 month period.
3.5.3.16. No more than 3 late or missed guard mounts throughout career.
3.5.3.17. Retraining into the 8G0X1 career field is restricted to the grades of E-7 and below with less than 15 years of total federal military service.
3.5.3.18 Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.3.19 ★Must be eligible to access US Capitol and State, Executive, and Defense Department facilities and possess no unresolved access denials.
3.5.3.20 ★Must possess current Secret (minimum) security clearance IAW DoDM 5200.02, DAFMAN 16-1405, *Air Force Personnel Security Program.* Certain positions within this specialty may require TS/SCI with Yankee White Clearance. Members in CAT 2 or CAT 3 Presidential Support Positions must be eligible for a Tier 5 (T5) investigation. CEM code 8G000 requires routine access to T5 information, systems or similar classified environments. For award and retention of CEM code 8G000, completion of a current T5 investigation IAW DoDM 5200.02, DAFMAN 16-405, is required.

4. **Specialty Shredouts:**

Suffix	***Portion of AFS to Which Related***
B	Pallbearer
C	Color Guard
D	Drill Team

5. **Utilization Note (RegAF only):**
5.1. Award of this SDI is only authorized when an airman is filling a funded 8G000 unit manpower document (UMD) authorization. When the member is filling a valid 8G000 UMD authorization, 8G000 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. The CAFSC will be updated after the member graduates from the formal school and signs into the new duty position (this is the same time the DAFSC changes). If there is no formal school, then the CAFSC will be updated using the same effective date as the DAFSC. Once the member is no longer filling a valid 8G000 UMD authorization, 8G000 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8G000 is not authorized for award as the PAFSC when filling a funded 8G000 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8G000 duties but not filling a funded 8G000 UMD authorization will have no change in their awarded and control AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8G100

BASE HONOR GUARD PROGRAM MANAGER
(Changed 30 Apr 23)

1. **Special Duty Summary.** This special duty description covers the Base Honor Guard Program Manager position, located at any Air Force installation that has a "local" Honor Guard requirement. The Honor Guard represents the Air Force at ceremonies where protocol or custom dictate using an honor guard or military escort. Related DoD Occupational Subgroup: 183000.

2. **Duties and Responsibilities:**
2.1. Manages and participates in Base Honor Guard operations.
2.2. Performs as a member of the Base Honor Guard. Symbolizes the United States Air Force to American and foreign dignitaries at public ceremonies in the local community or at base level. Performs Military Funeral Honors for AF active duty, retired personnel, and veterans according to prescribing publication.
2.3. Acts as an escort or member of an honor guard unit. Participates in Air Force and joint service ceremonies on special occasions such as Air Force funerals, wreath ceremonies, and color guard and escort duties at civilian and military events and ceremonies in the local area or at base level.
2.4. Performs honor guard duties for installation events, luncheons, retirements, promotion ceremonies, and civic events as deemed appropriate by the Installation Commander.
2.5. Plans and conducts Base Honor Guard activities. Plans and conducts Base Honor Guard participation in Air Force and joint service ceremonies. Advises installation activities and coordinates on matters pertaining to ceremonies and protocol.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge of military customs and ceremonies is desirable.
3.2. Education. For entry into this SDI, completion of high school with courses in government and physical education is desirable.
3.3. Training:
3.3.1. Those selected to hold an 8G100 position at the Installation level, must complete the in-residence USAF Honor Guard Protocol, Honors, and Ceremonies Course, L5AZO8G000 (OH2A), and AFMAO Base Honor Guard Program Managers Course, conducted at The USAF Honor Guard, Joint Base Anacostia- Bolling, Washington DC. Personnel may attend the Mobile Training. USAF Honor Guard, Protocol, Honors, and Ceremonies Course, L5AZK8G000 hosted by the USAF HG and AFMAO/XPH to receive credit for the in-residence course.
3.4. Experience. For selection to the base Honor Guard, previous experience with the USAF Honor Guard, or on an installation Honor Guard is desirable.
3.5. Other. The following are mandatory:
3.5.1. See attachment 4 and the Special Duty Catalog (SPECAT) for additional mandatory entry requirements.
3.5.2. For entry:
3.5.2.1. Must Follow standards outlined in DAI 36-2903.
3.5.2.2. Skill level commensurate with grade.
3.5.2.3. Must have scored 75 or above on last two fitness tests, or 90 or above on most recent fitness test, no failure on any portion within the last 12 months, and no more than two failures during current enlistment.
3.5.2.4. Must have no indefinite PT exemptions that would restrict member from standing in formation or at attention for periods of time, marching, performing repetitive movements, or other physical limitations that prohibit execution of ceremonial duties- expect those due to pregnancy.
3.5.2.5. Have no conviction under the Uniform Code of Military Justice (UCMJ) during current enlistment to include nonjudicial punishment, summary, special, or general courts martial.
3.5.2.6. Never convicted in civil or UCMJ proceedings (to include judicial and nonjudicial punishment) for any type of drug abuse or drug-related offense.
3.5.2.7. No records indicating failure to exercise sound leadership principles with respect to morale or welfare of subordinates.
3.5.2.8. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8G100 unit manpower document (UMD) authorization. When the member is filling a valid 8G100 UMD authorization, 8G100 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8G100 UMD authorization, 8G100 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36- 2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8G100 is not authorized for award as the PAFSC when filling a funded 8G100 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8G100 duties but not

filling a funded 8G100 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification.* Use Outside of Control AFSC.

SDI 8H000

AIRMEN DORM LEADER
(Changed 31 Oct 16, Effective 8 Feb 16)

1. **Special Duty Summary.** Use this identifier to report the control, awarded and duty AFSCs* of individuals performing full time as a manager of Air Force unaccompanied housing (UH) facilities. The Airmen Dorm Leader (ADL) is responsible for daily UH operations to include mentoring residents and assisting them in their adjustment to military life; ensuring residents comply with directives and military living standards; assessing good order and discipline and exercising general supervision over residents; management of facilities and campus areas; budgeting and program execution; project identification; basic allowance for housing (BAH) transactions; maintaining supplies, furnishings, equipment, etc. necessary for providing quality facilities. Related DoD Occupational Subgroup: 185000.

2. **Duties and Responsibilities:**
2.1. Follows all duties and responsibilities found in AFI 32-6005, *Unaccompanied Housing Management,* and related housing directives.
2.2. Manages day-to-day operations of permanent party UH facilities. Determines eligibility, assigns, and terminates and maintains waiting lists. Performs facility management for UH under their control. Budgets and executes program for supplies, linens, equipment, furnishings, training and TDY funds, local drayage and storage, cable TV and telephone reconnection reimbursements, etc., necessary to maintain daily operations. Works with unit commanders, chiefs, squadron superintendents, and first sergeants to execute a bay orderly program.
2.3. Assesses good order and discipline and exercises general supervision over residents. Mentors residents and assists them in their adjustment to military life, the development of military attitude and their enhancement of social skills. Mediates resident disputes. Coordinates and advises unit commanders, chiefs, squadron superintendents, and first sergeants on all matters concerning dormitory residents and dormitory quality-of-life issues. Advise various dormitory councils.
2.4. Manages occupancy, by room, in the Automated Civil Engineer System-Housing Management (ACES-HM) module or approved Headquarters USAF Civil Engineering automated system. Manages diverted rooms and temporary accommodations (administrative offices, storage space, hospitality rooms). Utilize ACES as one of the tools used to plan, advocate, program, design and execute UH requirements.
2.5. Manages BAH waiting lists for unaccompanied personnel desiring to reside off base with allowances. Processes authorizations to stop and start BAH based on occupancy of government quarters. Conducts quarterly verification with the base Financial Services Officer for members drawing single and partial rate BAH.
2.6. Maintains and reports utilization data to MAJCOM and AF. Performs space allocation assessments as required and makes recommendations to ensure optimum utilization. Provides data to determine and support UH construction and renovation requirements to include inputs for the Air Force Dormitory Master Plan (DMP). Initiates facility projects to include renovation, self-help, and furnishings.
2.7. Conducts an annual assessment of furniture. Provides a 5-year Quality Improvement Plan for facility and furnishings requirements to document all elements of UH facility living environments to include standards for the facility, furnishings, interior design, decorative themes, privacy, recreation, leisure, convenience, storage, parking, and security.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge of administration, financial budgeting, accounting, facility management procedures, supply, management of personnel, customs and courtesies, and counseling techniques is desirable.
3.2. Education. Not used.
3.3. Training.
3.3.1. All Airmen Dorm Leaders: Completion of prescribed training directed by the Air Force Office of Civil Engineer Housing Branch within the Job Qualification Standard (JQS) and IAW AFI 32-6005, *Unaccompanied Housing Management,* within 3 months of assignment.
3.3.2. Additional training for Superintendents/Deputies: Completion of the Air Force Unaccompanied Housing Management course within 6 months of assignment.
3.4. Experience. Possess high degree of leadership and mentorship capability with a minimum of 1 year experience as a supervisor.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this SDI:
3.5.1.1. Possess grade of E-5 (or E-5 promotion line number) through E-7.
3.5.1.2. Ability to communicate distinctly (oral and written) to all levels of rank.
3.5.1.3. Possess high standards of military appearance and conduct.
3.5.1.4. Be recommended for the Airmen Dorm Leader position by unit commander and servicing installation command chief.
3.5.1.5. No record of non-judicial punishment under the Uniform Code of Military Justice (UCMJ) within the last 5 years.
3.5.1.6. See attachment 4 for additional entry requirements.
3.5.2. For entry and retention of this SDI:
3.5.2.1. No recorded evidence of substance abuse, financial irresponsibility, domestic violence, child abuse, emotional instability, personality disorder or unresolved mental health problems.
3.5.2.2. No record of substantiated abuse findings as defined in AFI 40-301, *Family Advocacy Program.*

3.5.2.3. Must possess a valid state driver's license to operate non-tactical government motor vehicles IAW AFI 24- 301, Ground Transportation.
3.5.2.4. Never been convicted by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the accepted number of Category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying.
NOTE: Categories of offenses are described and listed in AFI 36-2002, *Regular Air Force and Special Category Accession,* Uniform Guide List of Typical Offenses.
3.5.2.5. Never been convicted by a general, special, or summary courts-martial.
3.5.2.6. No record of disciplinary action (Letter of Reprimand [LOR] or Article 15) for engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships.*
3.5.2.7. No record of disciplinary action (LOR or Article 15) for failure to exercise sound leadership with respect to morale or welfare of subordinates.
3.5.3. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8H000 unit manpower document (UMD) authorization. When the member is filling a valid 8H000 UMD authorization, 8H000 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8H000 UMD authorization, 8H000 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36- 2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8H000 is not authorized for award as the PAFSC when filling a funded 8H000 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8H000 duties but not filling a funded 8H000 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification.* Use Outside of Control AFSC.

SDI 8I000

SUPERINTENDENT, INSPECTOR GENERAL
(Changed 31 Oct 24)

1. **Special Duty Summary.** Advises the Inspector General on implementing the Inspection System, Complaints Resolution Program, and Fraud, Waste, and Abuse (FWA) at FOA/DRUs, wings/deltas and wing/deltas equivalents, MAJCOMs, and Headquarters Air Force.

2. **Duties and Responsibilities:**
2.1. Senior Enlisted Leader/Advisor to the Inspector General. Plans, conducts, and monitors IG activities. Advises on management of FOA/DRU, Wing/Delta, NAF, MAJCOM, and Secretary of the Air Force Office of the Inspector General. Assist IG on overall operation, administration, and management of inspections, Complaints Resolution, and FWA Program.
2.2. Organizes IG activities. Develops, establishes, and controls methods and procedures to implement IG policies and programs. Provides oversight and policy guidance concerning IG program, plans, requirements, management, education, and awareness initiatives.
2.3. Provides IG inspection support. Maintains liaison with the Wing/Delta IG, wing/delta inspection team members, MAJCOM/FLDCOM IG and SAF/IG as appropriate to receive, process, refer, and manage inspection information, resources, assets, and activities to support operation and management of the Department of the Air Force's Inspection and Complaints Resolution and FWA Programs. Serves as liaison within the functional community as well as with Gatekeepers as required.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge of Air Force readiness and compliance objectives, enlisted leadership and management concepts and their relationship to mission accomplishment is mandatory.
3.2. Education. Must possess a CCAF degree, or civilian equivalent, in primary AFSC or be able to obtain a CCAF within 12 months of assuming position (24 months for AFRC/ANG). Must be current in all professional military education commensurate with current grade.
3.3. Training. Completion of the Air Force Inspector General Training Course-Inspections and Inspector General Training Course-Complaints Resolution are mandatory IAW AFI 90-302 and AFI 90-301 timelines Exception: Training requirements for AFRC personnel assigned to 8I000 positions are at the discretion of HQ AFRC/IG.
3.4. Experience. Must be the minimum grade of E-7. Previous IG experience at the unit, wing/delta, or MAJCOM/FLDCOM highly desired.
3.5. Other.
3.5.1. For entry into this specialty:
3.5.1.1. Demonstrated ability to prepare written reports.
3.5.1.2. Recommendation by unit commander.
3.5.1.3. No Unfavorable Information File or open IG investigations.
3.5.1.4. Must possess current Secret (minimum) security clearance IAW DoDM 5200.02, AFMAN 16-1405, Air Force Personnel Security Program.
3.5.2. For entry and retention of this specialty, must meet requirements listed in AFI 90-302, The Air Force Inspection Program and AFI90- 301, Inspector General Complaints Resolution.
3.5.3. For award and retention of AFSC 8I000, must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, Computer Security.

4. **Utilization note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8I000 Unit Manpower Document (UMD) authorization. When the member is filling a valid 8I000 UMD authorization, 8I000 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8I000 UMD authorization, 8I000 is no longer authorized as the Control and Duty AFSC, but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8I000 is not authorized for award as the PAFSC when filling a funded 8I000 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8I000 duties, but not filling a funded 8I000 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC. All 8I000 positions are to be filled strictly via local hire with the exception of locations that have SMSgt authorizations. Only eligible personnel, already collocated at an installation with a valid 8I000 UMD position will be considered to fill these positions. EQUAL-Plus Ads and Permanent Change of Station (PCS) moves will not be authorized in an effort to fill 8I000 positions unless local hire process garners no qualified applicants and an ETP has been approved by AFPC/DP3AM.

SDI 8I100

INSPECTIONS COORDINATOR
(Changed 31 Oct 24)

1. **Special Duty Summary.** Coordinates Inspection Actions on behalf of the Inspector General and command for all activities related to the Air Force Inspection System. Provides feedback, support, and assistance to the Inspector General.

2. **Duties and Responsibilities:**
2.1. Inspections Coordinators can operate at the wing/delta/center/FOA/DRU/NAF level or the MAJCOM level.
2.2. Wing/Delta/center/FOA/DRU/NAF level:
2.2.1. Involved in planning, organizing, and executing a wide range of complex activities for the wing/delta center Commander's Inspection Program (CCIP), and the Exercise and Evaluation Program
2.2.2. Administers the CCIP Dashboard and Commander's Inspection Management Board (CIMB).
2.2.3. Provides recommendations to the IG and Chief of Inspections regarding inspection policies, procedures, and guidelines.
2.2.4. Facilitates logistical and administrative support needed for the execution of Commander's Inspection Program (CCIP).
2.2.5. Prepares and staffs required inspection materials to include exercise objectives, scenarios, and associated risk assessments, pre-inspection surveys, and required equipment.
2.2.6. Publishes special instructions (SPINS) for unit inspections.
2.2.7. Arranges internal inspections with unit/installation managers and IG leadership to allow commanders to control the depth, scope, and frequency of inspections.
2.2.8. Coordinates with administrators for the Wing/Delta Inspection Team (WIT/DIT) and the Management Internal Control Toolset (MICT) during the planning, implementation, and oversight of the inspection program.
2.2.9. Ensures WIT members are prepared to conduct the CCIP and organizes the unit inspection and exercise calendar.
2.2.10. Produces written products, including but not limited to, local inspection specific schedules, memorandums, Schedule of Events (SOE), and Master Scenario Events Listings (MSEL).
2.2.11. Utilizes tools such as the Inspector General Evaluation Management System (IGEMS) and MICT to evaluate services and processes to determine mission readiness, resource utilization, the state of discipline, and effectiveness/efficiency of the program, activity, or function.
2.2.12. Instructs self-assessment training modules, trains commanders, and educates base personnel on internal assessment issues and procedures.
2.3. MAJCOM level:
2.3.1. Involved in planning, organizing, and executing a wide range of complex activities to conduct Management Inspections, Unit Effectiveness Inspections, readiness assessments and on-site visits.
2.3.2. Continually evaluate unit effectiveness with Pertinent Oversight Authority assistance.
2.3.3. Build tailored risk-based sampling strategies for assigned wings/deltas.
2.3.4. Validate and verify Wing/Delta Commander's Inspection Programs.
2.3.5. Identify concerns in Wing/Delta Commander's Inspection Reports and analyze resolution efforts.
2.3.6. Conduct Unit Effectiveness Inspection surveys and analyze results to shape the sampling strategy for on-site evaluations.
2.3.7. Complete individual and group sensing sessions to gather the opinions, beliefs, and perceptions of personnel.
2.3.8. Utilizes tools such as the Inspector General Evaluation Management System (IGEMS) and MICT to evaluate services and processes to determine mission readiness, resource utilization, the state of discipline, and effectiveness/efficiency in organizations.

3. **Specialty Qualifications:**
3.1. Knowledge.
3.1.1. Knowledge of Public Laws, Executive Orders, DoD Regulations, Air Force Instructions, and other directives related to the inspection process, to include DoD and AF administrative and inspection policies, procedures, techniques, and practices
3.1.2. Knowledge of Air Force readiness and compliance objectives, enlisted leadership and management concepts and their relationship to mission accomplishment is mandatory.
3.2. Education. Must possess a CCAF degree, or civilian equivalent, in primary AFSC and be current in all Professional Military Education commensurate with current grade
3.3. Training. For retention of this SDI, completion of the Inspector General Training Course-Inspections taught by AFIA is mandatory within 6 months of appointment to the 8I100 position.
3.4. Experience. Must be the minimum grade of E-6 and currently possess a 7 level AFSC.
3.5. Other.
3.5.1. For entry, and retention of the SDI, the following are mandatory as indicated:
3.5.1.1. No Unfavorable Information File, civil convictions (other than minor traffic violations), or open IG investigations.
3.5.1.2. Must possess current Secret(minimum) security clearance IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program*.
3.5.1.3. Recommendation by commander for Inspector General Duty.
3.5.1.4. Demonstrated ability to prepare verbal/written reports and briefings.

3.5.1.5. Outstanding military appearance, bearing and conduct.
3.5.2. For award and retention of AFSC 8I100, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8I100 Unit Manpower Document (UMD) authorization. When the member is filling a valid 8I100 UMD authorization, 8I100 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8I100 UMD authorization, 8I100 is no longer authorized as the Control and Duty AFSC, but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8I100 is not authorized for award as the PAFSC when filling a funded 8I100 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8I100 duties, but not filling a funded 8I100 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC. All 8I100 positions are to be filled strictly via local hire with the exception of locations that have SMSgt authorizations. Only eligible personnel, already collocated at an installation with a valid 8I100 UMD position will be considered to fill these positions. EQUAL-Plus Ads and Permanent Change of Station (PCS) moves will not be authorized in an effort to fill 8I100 positions unless local hire process garners no qualified applicants and an ETP has been approved by AFPC/DP3AM.

SDI 8I200

COMPLAINTS & RESOLUTION COORDINATOR
(Changed 31 Oct 24)

1. **Special Duty Summary.** Advises the Inspector General and Commander on all activities related to CRP and Fraud, Waste, and Abuse (FWA). Provides feedback, support, and assistance to the Inspector General.

2. **Duties and Responsibilities:**
2.1. Plans, organizes, and executes a wide range of activities for the unit or command Complaints Resolution Program (CRP) and Fraud, Waste, and Abuse (FWA) Program, ensuring compliance with legal and regulatory requirements, and ensuring the best interest of the Air Force and Airmen needs are met.
2.2. Identifies and researches trends and patterns; and recommends policies and practices to promote the health, safety, and fair treatment of all military and civilian employees
2.3. Supports the IG in the development, review, and full implementation of local standard operating procedures, supplements to MAJCOM policies and procedures, etc., to achieve prompt and proper resolution of investigations and inquiries under the Inspector General Complaint System.
2.4. Serves as the eyes and ears of the commander; performs analysis of a variety of unusual situations; identifies and researches trends and patterns; and proposes new policies and practices to promote the health, safety, or fair treatment of all military and civilian employees.
2.5. Maintains an effective working relationship with all organizations, commanders, senior military and civilian leadership, representatives from higher headquarters IGs, other military service Igs, and external agencies.
2.6. Manages policies and procedures for conducting complex complaint analyses from initial receipt of complaint through case completion/closure.
2.7. Coordinates with IG team officer, enlisted and civilian leaders on manpower, personnel, training, and execution of policies and provides general leadership to IG.
2.8. Utilizes established methodologies for accomplishing IG investigations when complaint analysis determines an investigation is warranted.
2.9. Supports the unit with congressional, presidential, and other high-level inquiries; in identifying potential FWA; and monitors the 24/7 FWA Hotline.
2.10. Participates in the education and training program for commanders and base populace by briefing personnel on their rights and responsibilities in regards to the Air Force Complaints Resolution and Fraud, Waste, and Abuse programs.

3. **Specialty Qualifications:**
3.1. Knowledge.
3.1.1. Knowledge of the laws, regulations, Executive Orders, court decisions, UCMJ, and issues related to the IG complaints resolution process; investigative techniques, principles, and procedures to conduct difficult, but well-precedent investigations of allegations of fraud, waste, and abuse or other complaints of wrong-doing or inappropriate behavior on the part of federal military and civilian employees.
3.1.2. Knowledge of the unit's mission, roles, functions, organizational structure, and operations of DoD, AF, or other entities that govern, interface with, and/or influence the complaints resolution process.
3.2. Education. Must possess be current in all Professional Military Education commensurate with current grade.
3.3. Training. For retention of this SDI, completion of the Inspector General Training Course-Complaints Resolution taught by SAF IGQ is mandatory within 6 months of appointment to the 8I200 position.
3.4. Experience. Must be the minimum grade of E-6 and currently possess a 7 level AFSC.
3.5. Other.
3.5.1. For entry and retention of the SDI, the following are mandatory as indicated:
3.5.2. No Unfavorable Information File, civil convictions (other than minor traffic violations), or open IG investigations.
3.5.3. Must possess current Secret (minimum) security clearance IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program*.
3.5.4. Recommendation by unit commander for Inspector General Duty.
3.5.5. Demonstrated ability to prepare verbal/written reports and briefings.
3.5.6. Outstanding military appearance, bearing and conduct.
3.5.7. For award and retention of AFSC 8I200, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8I200 Unit Manpower Document (UMD) authorization. When the member is filling a valid 8I200 UMD authorization, 8I200 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8I200 UMD authorization, 8I200 is no longer authorized as the Control and Duty AFSC, but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8I200 is not authorized for award as the PAFSC when filling a funded 8I200 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8I200 duties, but not filling a funded 8I200 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are

managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC. All 8I200 positions are to be filled strictly via local hire with the exception of locations that have SMSgt authorizations. Only eligible personnel, already collocated at an installation with a valid 8I200 UMD position will be considered to fill these positions. EQUAL-Plus Ads and Permanent Change of Station (PCS) moves will not be authorized in an effort to fill 8I200 positions unless local hire process garners no qualified applicants and an ETP has been approved by AFPC/DP3AM.

SDI 8K000

SOFTWARE DEVELOPMENT SPECIALIST

(Changed 30 Apr 23)

1. **Specialty Summary.** Supervises, teams, and performs as computer analyst, coder, tester, product manager, product designer, product developer, maintenance, testing, configuration management, and documentation of application software systems, client-server, and web-enabled software of customer-defined software and software-intensive weapon systems critical to warfighting capabilities.

2. **Duties and Responsibilities**

2.1. Software Development Specialists perform software development functions on balanced team as product managers, product designers, or software developers. Additionally, Software Development Specialists can perform leadership roles, such as managing a software portfolio, teams or serve as specific functional leads within their specialized area.

2.2. Software Developer. Develops and writes/codes new (or modifies existing) computer applications, software, or specialized utility programs following software assurance best practices. Analyzes the security of new or existing computer applications, software, or specialized utility programs and provides actionable results. Works on the development phases of the system development lifecycle. Designs, develops, test, and evaluates information systems throughout the systems development lifecycle. Researches problems and breaks them into deliverable software iterations. Exhibits strong communication skills/ works in an individual- or pair-programming environment. Uses Lean, Extreme Programming, User Centered Design and Agile methodologies. [DCWF Code – 621/622/632] Develops complex, software systems that scale globally to meet the demands of warfighters across multiple domains, through the full range of development activities, to include web application development, platform development, mobile application development, distributed and parallel systems, machine learning, information retrieval, natural language processing, networking, and/or security software development. [DCWF Code – 621]

2.3. Product Designer. Makes daily product design decisions, works on a collaborative team, pairs with team members, and helps ensure user satisfaction using Lean and Agile methodologies. Understands user needs and solves the right problems to deliver new or improved products and services that meet the needs of the Air Force. Creates intuitive, innovative, and effective products that military operators' desire, through learning and understanding of users' needs, behaviors, and emotions to yield insights that inform product strategy and guide the design of the software and systems. [DCWF Code – 621]

2.4. Product Manager. Defines and prioritizes product features using Agile/Lean product development practices. Works with the project team, leadership, stakeholders, and other PMs to progress the goal of shipping the right product to users. Ensures that the product is successful in terms of user value, stakeholder value, and organizational business goals. Architects the future of products by bridging development and business through the management of a product's full lifecycle, from strategic planning to development and launch, in order to generate value for combat capabilities. [DCWF Code – 621]

2.5. Data/Database Analyst/Specialist. Develops, administers, and secures databases, data management systems, and/or data processes for the storage, query, and utilization of data. Examines data from multiple disparate sources with the goal of providing new insight. Designs and implements custom algorithms, flow processes and layouts for complex, enterprise-scale data sets used for modeling, data mining, and research purposes. Locates patterns in large data sets using computer science techniques to help team members with different levels of understanding and expertise to make data driven business decisions that increase effectiveness or efficiency of operational forces. [DCWF Code – 421/422]

3. **Specialty Qualifications**

3.1. Knowledge. Knowledge is mandatory of system capabilities, limitations, and programming logic; techniques and procedures of systems analysis and design; related information processing devices and systems; software methodologies; methods of editing input and output data; configuration management techniques; security practices; customer relations; application of mathematical and analytical concepts to process problems; and computer program editing and testing techniques. Designers and Product Managers have experience with design tools such as Figma, understanding of information architecture, material design systems, UI schemes, CSS, etc.

3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Additional courses in algebra, geometry, computer science and computer programming is desirable. Any network or computing commercial certification is desirable.

3.3. Training. Specific training will be determined by the gaining organization and can include on-the-job training or specialized training through commercial programs.

3.4. Experience. Experience in Agile Software Development (ASD) methodologies, best practices, and procedures.

4. **Utilization Note (RegAF only):**

4.1. Award of this SDI is only authorized when an Airman is filling a funded 8XXXX unit manpower document (UMD) authorization. Once the member is no longer filling a valid 8XXXX UMD authorization, 8XXXX is no longer authorized as the Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8XXXX is not authorized for award as the Primary Air Force Specialty Code (PAFSC) when filling a funded 8XXXX UMD authorization unless incumbent has no other awarded AFSCs.

4.2. Airmen performing 8XXXX duties but not filling a funded 8XXXX UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their Control Air Force Specialty Code (CAFSC) are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

NOTE: Airmen performing in these positions will not have their CAFSC changed and will continue to promotion test within their CAFSC (the CAFSC must continue to match their PAFSC).

AIR ADVISOR FUNCTIONAL CATEGORY (8LXXX)
Introduction
(Established 31 Oct 19)

The Air Advisor function involves specially trained Airmen utilizing their primary Air Force functional subject matter expertise to assess, train, advise, assist, and when authorized equip (ATAAE) foreign partner forces to develop their own internal aviation capacity and capability. In this functional category qualified conventional force airmen are Air Advisors trained and educated through USAF educations and training programs and standards; Combat Aviation Advisors are special operations airmen trained through Air Force Special Operations Command training programs certified through United States Special Operations Command (USSOCOM) standards. Missions conducted by Airmen in this functional category include Security Force Assistance (SFA) as part of broader U.S. security cooperation initiatives to organize, train, re-build/build, equip, and assist (OTERA) foreign security forces to develop their own capabilities. Missions take place across the range of military operations in both permissive and contested environments, under steady- state or surge conditions, and under politically sensitive environments where an overt U.S. presence is unacceptable to the host-nation government; environments where a limited, overt presence is acceptable, and under conditions where a large-scale U.S. presence is considered necessary and acceptable. In addition to mastery and qualification in their primary AFSC, education, training, and experience in this functional category, Air Advisor missions require knowledge and skills in individual and collective force protection; language, regional, cultural expertise; foreign disclosure requirements, authorities, polices, and funding unique to security cooperation and other operations including but not limited to foreign internal defense, COIN, and unconventional warfare; conduct of assessments of host nation SFA needs; baseline cultural and language skills in furtherance of SFA objectives; methods for mission assessment, measurement, and evaluation; knowledge and awareness of international law and governance, and attributes required to work in challenging cross-cultural settings often under arduous conditions while working with indigenous forces to safely and effectively employ their aviation capabilities in support of combatant commander campaign plan objectives.

SDI 8L100, Air Advisor – Basic
SDI 8L200, Air Advisor Basic, Team Sergeant
SDI 8L300, Air Advisor Basic, Team Leader

Enlisted Air Advisor – Basic
(Changed 31 Oct 22)

1. **Special Duty Summary.** This classification identifier facilitates functional management, force development; planning, programming, budgeting, execution; and assignment of enlisted Air Advisors. This duty description covers enlisted Airmen specifically trained as Air Advisors. Qualification requires whatever certification/qualification is required of their CAFSC as well as Air Advisor qualifications described here. Fully qualified Air Advisors serve in a unit manning document (UMD) Air Advisor position of a standing unit assigned Air Advisor mission roles in their Designed Operational Capability (DOC) statements, i.e., Mobility Support Advisory Squadron (MSAS), a provisional unit serving in a deployed TDY status, or as part of stand-by forces trained and tasked through other processes to perform the Air Advisor mission in support of CCDR/AFFOR plans and objectives. These specially trained Airmen also conduct what are referred to in joint force concepts as Security Force Assistance (SFA) operations. Specialty requirements include knowledge of Security Cooperation authorities, planning, foreign disclosure requirements, assessment, monitoring, and evaluation of security cooperation plans and operations, cross-cultural expertise, and individual and team force protection TTP.

2. **Duties and Responsibilities:**
2.1. Performs Air Advising and SFA activities by working with and through foreign aviation forces in support of combatant commander's regional objectives.
2.2. Air Advisors tailor their team compositions to mission need and may involve any AFSC in the USAF.
2.3. Air Advisors, assess, train, advise, and assist foreign aviation forces in tactical and operational-level airpower integration and operationalization. In SFA context this mission set involves activities to organize, train, equip, rebuild/build, and assist/advise (OTERA) foreign security forces in support of CCDR objectives.
2.4. Air Advisors can mission plan, execute, and recover in a variety of scenarios with combat service support assistance, accomplishing this within legislative and military guidance.
2.5. Air Advisor teams generally deploy and operate in permissive or uncertain environments but with proper preparation can operate in hostile environments.
2.6. Through AFFOR, TSOC, SCO, and MAJCOM staff, Air Advisors coordinate plans and synchronize activities to provide CCDRs a resource optimized approach to achieving objectives by working with and through partner aviation security forces.

3. **Specialty Qualifications:**
3.1. Knowledge. Must have knowledge of: Security Cooperation law and planning, Foreign Internal Defense, Security Force Assistance; force protection skills involving various scenarios for individuals and team settings, demonstrated intercultural competency.
3.1.1. As a minimum, member must be fully qualified 5 level in their primary AFSC.
3.2. Education. Not used
3.3. Training. Completion of the following are mandatory for award of this classification identifier:
3.3.1. Air Advisor Initial Qualification Course (AA IQC, PDS Code 2K4) or Combat Aviation Advisor Mission Qualification Course (CAAMQC, PDS Code 2MW). Note: For functional communities with skills taught to Air Advisor qualification level for Field craft, Air Advisor A course (AAA, PDS Code 1LA) is authorized.
3.3.2. AFSC specific training for qualification and currency at minimum of 5 level in their primary AFSC.
3.3.3. AFSC-specific training to include flight training for aircrew. May involve specialized non-USAF aircraft training and qualification.
3.3.4. Classification identifier awarded on completion of the Air Advisor Initial Qualification Course (or course "A" per note at 3.4.1.) or AFSOC Combat Aviation Advisor Mission Qualification Course.
3.4. Experience. None for Basic Air Advisor (8L100)
3.4.1. Team Sergeant (8L200) and Team Leader (8L300) requires certification and approval by a qualified Air Advisor commander, and is a specialty qualification that has additional dedicated training.
3.5. Other. The following are mandatory as indicated:
3.5.1. Must meet requirements listed in AFI10-4301v1, *Air Advisor Training.*
3.5.2. Must possess skills and knowledge to complete tasks listed in DODI 5000.68, *Security Force Assistance*, 27 October 2010.
3.5.3. Specialty may require routine access to classified material. For award and retention of classification identifier, completion, and favorable adjudication of appropriate level of security clearance is required.

4. **Utilization Note:**
4.1. Award of this SDI is only authorized when an airman has completed award requirements. When the member is qualified as an 8LX, the SDI is awarded and will remain in the secondary, third, or fourth position IAW AFMAN 36- 2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Do not alter primary, control, or duty AFSCs with this SDI.

SDI 8L400, Air Advisor Advanced
SDI 8L500, Air Advisor Advanced, Team Sergeant
SDI 8L600, Air Advisor Advanced, Team Leader

Enlisted Air Advisor – Advanced
(Changed 31 Oct 22)

1. **Special Duty Summary.** This classification identifier facilitates functional management, force development; planning, programming, budgeting, execution; and assignment of enlisted Air Advisors. This duty description covers enlisted Airmen specifically trained as Air Advisors. Qualification requires whatever certification/qualification is required of their CAFSC as well as Air Advisor qualifications described here. Fully qualified Air Advisors serve in a unit manning document (UMD)Air Advisor position of a standing unit assigned Air Advisor mission roles in their Designed Operational Capability (DOC) statements, i.e., Mobility Support Advisory Squadron (MSAS), a provisional unit serving in a deployed TDY status, or as part of stand-by forces trained and tasked through other processes to perform the Air Advisor mission in support of CCDR/AFFOR plans and objectives. These specially trained Airmen also conduct what are referred to in joint force concepts as Security Force Assistance (SFA) operations. Specialty requirements include knowledge of Security Cooperation authorities, planning, foreign disclosure requirements, assessment, monitoring, and evaluation of security cooperation plans and operations, cross-cultural expertise, and individual and team force protection TTP.

2. **Duties and Responsibilities:**
2.1. Performs Air Advising and SFA activities by working with and through foreign aviation forces in support of combatant commander's regional objectives.
2.2. Air Advisors tailor their team compositions to mission need and may involve any AFSC in the USAF.
2.3. Air Advisors, assess, train, advise, and assist foreign aviation forces in tactical and operational-level airpower integration and operationalization. In SFA context this mission set involves activities to organize, train, equip, rebuild/build, and assist/advise (OTERA) foreign security forces in support of CCDR objectives.
2.4. Air Advisors can mission plan, execute, and recover in a variety of scenarios with combat service support assistance, accomplishing this within legislative and military guidance.
2.5. Air Advisor teams generally deploy and operate in permissive or uncertain environments but with proper preparation can operate in hostile environments.
2.6. Through AFFOR, TSOC, SCO, and MAJCOM staff, Air Advisors coordinate plans and synchronize activities to provide CCDRs a resource optimized approach to achieving objectives by working with and through partner aviation security forces.

3. **Specialty Qualifications:**
3.1. Knowledge. Must have knowledge of: Security Cooperation law and planning, Foreign Internal Defense, Security Force Assistance; force protection skills involving various scenarios for individuals and team settings, demonstrated intercultural competency.
3.2. Education. Not used
3.3. Training. Completion of the following are mandatory for award of this classification identifier:
3.3.1. Air Advisor Initial Qualification Course (AA IQC, PDS Code 2K4) or Combat Aviation Advisor Mission Qualification Course (CAAMQC, PDS Code 2MW). Note: For functional communities with skills taught to Air Advisor qualification level for Field craft, Air Advisor A course (PDS Code ILA) is authorized.
3.3.2. AFSC specific training for qualification and currency at a minimum of 5 level in their primary AFSC.
3.3.3. AFSC-specific training to include flight training for aircrew. May involve specialized non-USAF aircraft training and qualification.
3.3.4. Requires completion of the following Air Advisor Initial Qualification Academic Course (or course: equivalent: "A," per note at 3.3.1.) or AFSOC Combat Aviation Advisor Mission Qualification Course.
3.4. Experience. Satisfactory completion of an air advising assignment (6 months experience as a deployed Air Advisor) or completion of the Mission Qualification Process for the Mobility Support Advisory Squadron Air Advisor, Contingency Response Support Squadron (CRSS) Air Advisor, or AFSOC Combat Aviation Advisor supervised deployment qualification process.
3.4.1. Team Sergeant (8L500) and Team Leader (8L600) requires certification and approval by a qualified Air Advisor commander, and is a specialty qualification that has additional dedicated training.
3.5. Other. The following are mandatory as indicated:
3.5.1. As a minimum, member must be fully qualified 5 level in their primary AFSC.
3.5.2. Must meet requirements listed in AFI 10-4301v1, *Air Advisor Training.*
3.5.3. Must possess skills and knowledge to complete tasks listed in DODI 5000.68, *Security Force Assistance*, 27 October 2010.
3.5.4. Specialty may require routine access to classified material. For award and retention of classification identifier, completion, and favorable adjudication of appropriate level of security clearance is required.
3.5.5. Award of this classification identifier requires completion of listed requirements and recommendation of commander.

4. **Utilization Note:**
4.1. Award of this SDI is only authorized when an airman has completed award requirements. When the member is qualified as an 8LX, the SDI is awarded and will remain in the secondary, third, or fourth position IAW AFMAN 36- 2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Do not alter primary, control, or duty AFSCs with this SDI.

SDI 8L700, Combat Aviation Advisor
SDI 8L800, Combat Aviation Advisor Team Sergeant
SDI 8L900, Combat Aviation Advisor Team Leader

Enlisted Combat Aviation Advisor (SOF)
(Changed 31 Oct 21)

1. **Special Duty Summary.** This classification identifier facilitates functional management, force development; planning, programming, budgeting, execution; and assignment of enlisted Combat Aviation Advisors (CAA). This special duty description covers enlisted CAAs that are fully qualified team members able to serve in a Unit Type Code (UTC) as part of an Operational Aviation Detachment (OAD). CAAs are special operations airmen assigned to Air Force Special Operations Command (AFSOC).
NOTE: An OAD is a 16-person team composed of airman from multiple occupations to include special mission aviators, loadmasters, sensor operators, SERE Specialists, communications, security forces, aircrew flight equipment, maintenance, intelligence, medics, and Tactical Air Control Party.

2. **Duties and Responsibilities:**
2.1. Performs special operations activities by/with/through foreign aviation forces in support of combatant commander's regional objectives.
2.2. CAAs, organized into OADs, assess, train, advise, and assist foreign aviation forces in tactical and operational-level airpower integration and operationalization.
2.3. CAAs can mission plan, execute, and recover in a variety of scenarios with little to no assistance, accomplishing this within legislative and military guidance.
2.4. CAA OAD teams generally deploy and operate alone in hostile, uncertain, and denied environments.
2.5. Through AFFOR, TSOC, SCO, and MAJCOM staff, CAAs coordinate plans and synchronize activities to provide CCDRs a resource optimized approach to achieving objectives by working with and through partner aviation security forces.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: Foreign Internal Defense, Security Force Assistance, Unconventional Warfare; demonstrated intercultural competency.
3.1.1. Member must be fully qualified 5 or 7 level in one of the following AFSCs: 1A2, 1A8, 1A9, 1T0, 3P0, 1P0, 2A5, 2A6, 1N0, 1N1, 1N7, 1U0, 1Z3, 2T2, 3D0, 3D1, 4N0, 1C4
3.2. Education. Not used.
3.3. Training. Completion of the following are mandatory for award of this SDI:
3.3.1. Combat Aviation Advisor Mission Qualification Course (CAAMQC) and associated pipeline consisting of:
3.3.2. Initial Skills Training
3.3.3. Initial language training and/or demonstrated language proficiency IAW USSOCOM D350-08 (ILR 1/1/1)
3.3.4. AFSC-specific training to include flight training for aircrew. May involve specialized non-USAF aircraft training and qualification.
3.4. Experience. CMR completion IAW AFSOCMAN10-4301v1.
3.5. Other. The following are mandatory as indicated:
3.5.1. CAA Application submission screened by CAA Cell.
3.5.2. Must meet requirements listed in AFSOCMAN10-4301v1, *CAA Training.*
3.5.3. Must possess skills and knowledge to complete tasks listed in USSOCOM M350-35, *SOFBIS SFA Training Standards*
3.5.4. Specialty may require routine access to Top Secret material. For award and retention of SDI, completion, and favorable adjudication of a current Single Scope Background Investigation (SSBI) or Top-Secret Periodic Reinvestigation according to current USAF and DoD policy, if indicated
3.5.5. For retention, must maintain language proficiency (ILR 1/1/1)
3.5.6. For retention, must maintain currency in CAA AFSC-specific MTTL
3.5.7. Must be E-5 or above

4. **Utilization Note:**
4.1. Award of this SDI is only authorized when an airman has completed award requirements. When the member is qualified as an 8LX, the SDI is awarded and will remain in the secondary, third, or fourth position IAW AFMAN 36- 2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Do not alter primary, control, or duty AFSCs with this SDI.

SDI 8P000

COURIER
(Changed 31 Oct 16, Effective 8 Feb 16)

1. **Special Duty Summary.** Performs as custodian to safeguard Armed Forces courier material. Related DoD Occupational Subgroup: 155400.

2. **Duties and Responsibilities:**
2.1. Safeguards and delivers Armed Forces Courier Service material. Provides adequate protection for material from receipt through delivery or to storage; and cautions handlers to exercise care in storing material. Verifies each item by identification number when receipting for or delivering material. Maintains constant surveillance over material in custody on the courier route.
2.2. Assures positive identification of Armed Forces couriers. Makes positive identification of Armed Forces couriers, addresses, and Top-Secret control officers before releasing material.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of Armed Forces Courier Service instructions and operating instructions.
3.2. Education. For entry into this SDI, completion of high school or general educational equivalency is mandatory.
3.3. Training. Not used.
3.4. Experience. Not used.
3.5. Other. The following are mandatory as indicated:
3.5.1. See attachment 4 for mandatory entry requirements.
3.5.2. For award and retention of this SDI, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.3. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environments. For award and retention of SDI 8P000, completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program*, is mandatory.
NOTE: Award of this SDI without a completed T5 Investigation is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8P000 unit manpower document (UMD) authorization. When the member is filling a valid 8P000 UMD authorization, 8P000 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8P000 UMD authorization, 8P000 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8P000 is not authorized for award as the PAFSC when filling a funded 8P000 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8P000 duties but not filling a funded 8P000 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classificatio*n. Use Outside of Control AFSC.

SDI 8P100

DEFENSE ATTACHÉ
(Changed 31 Oct 20)

1. **Specialty Duty Summary.** Manages and maintains Defense Attaché Office (DAO) budget and fiscal data, maintains DAO information files, coordinates United States (US) Naval ship visits and US military aircraft over-flight and landing clearances with host country officials, coordinates office support requirements with embassy officials, and performs office administrative and support duties according to Defense Intelligence Agency (DIA) standards. Related DoD Occupational Subgroup: 151000.

2. **Duties and Responsibilities:**
2.1. Maintains DAO budget and fiscal data. Prepares and submits the DAO budget according to DIA regulations and guidance provided by the embassy budget and fiscal officer. Projects budget requirements for DAO leased or Government owned housing and furnishings, travel, and administrative requirements. Manages vehicle fleet to include procurement, maintenance actions and utilization records. Manages the employment of US civilian and foreign nationals employed by DAO according to DIA, DOS, and host country employment guidelines and laws.
2.2. Maintains DAO strategic information reporting requirements and submits/updates information reports. Maintains the master suspense file for all DAO information reporting and updates reporting requirements directed by higher headquarters. Prepares, edits, and types information reports for attaches. Maintains central research files. Provides feedback to attaches on quantity and quality of their information reporting. Maintains information reporting statistics.
2.3. Coordinates logistics/obtains diplomatic clearances for US naval ship visits (at select locations) and US military aircraft over-flight and landing clearances with host country officials. Orchestrates handling of DoD aircraft at host nation's airfields (including ground servicing such as fuel, power carts, lighting, and security as required). Coordinates handling of US Naval vessels at host country ports (food, water, and banking services). Provides briefings to US ship and aircrew members concerning host country immigration, laws, customs, and courtesies. Arranges for lodging and transportation, provides information on local area, events, and community relations projects for crews.
2.4. Manages DAO support requirements with embassy officials. Ensures adequate housing and furnishings are assigned or procured. Coordinates IT requirements with DOS and DIA. Coordinates official travel; obtains passports and visas. Coordinates shipping of privately owned vehicles and household goods. Purchases office supplies.
2.5. Performs DAO administrative duties. Maintains correspondence files, forms, Standard Operating Procedures, and publication accounts. Prepares, types, edits, and dispatches office correspondence. Conducts personnel and financial actions for assigned military and civilian personnel, to include coordinating with embassy officials and representatives of various US military services. Administers Service Fitness programs IAW service guidelines.
2.6. Performs duties as Non-DoDs school liaison and Tricare representative for DoD personnel assigned to the DAO and other embassy offices per location
2.7. Manages personnel and facility security programs.
2.8. Serves on embassy boards (Housing, Budget, Post Employment and Awards Committees) as required by position and location.

3. **Specialty Qualifications:**
3.1. Knowledge. Not used.
3.2. Education. For entry into this SDI, completion of high school or general educational development equivalency is mandatory.
3.3. Training. For retention of this SDI, completion of training with the Joint Military Attaché School in Washington, D.C. is mandatory.
3.4. Experience. Not used.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this SDI:
3.5.1.1. Be an E-5, 7-skill level, or above.
3.5.1.2. No record of military or civilian convictions (except minor traffic violations).
3.5.1.3. No record of disciplinary action or financial irresponsibility.
3.5.1.4. Minimum typing ability of 35 words per minute.
3.5.1.5. See attachment 4 for additional mandatory entry requirements.
3.5.2. Completion of a current Tier 5 (T5) background investigation according to AFMAN 16-1405, Personnel Security Program Management is mandatory.
3.5.3. Must maintain a Top-Secret clearance for retention of this AFSC.
3.5.4. When required for a current or future assignment, must successfully complete and pass a Counterintelligence (CI) polygraph test.
3.5.5. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
NOTE: Award of this SDI without a completed T5 Investigation is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. **Utilization Note (RegAF only):**

4.1. Award of this SDI is only authorized when an airman is filling a funded 8P100 unit manpower document (UMD) authorization. When the member is filling a valid 8P100 UMD authorization, 8P100 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8P100 UMD authorization, 8P100 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8P100 is not authorized for award as the PAFSC when filling a funded 8P100 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8P100 duties but not filling a funded 8P100 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8R000

ENLISTED ACCESSIONS RECRUITER
(Changed 30 Apr 25)

1. **Special Duty Summary.** Organizes and conducts programs to recruit sufficient personnel to satisfy the requirements of the United States Air Force. Related DoD Occupational Subgroup: 150100.

2. **Duties and Responsibilities:**
2.1. Conducts recruiting program. Responsible for interviewing, screening, testing, and evaluating applicants from various sources to achieve recruiting goals. Develops information sources such as employment agencies, driver's license and job market lists, high school and college student lists, and separation reports, in securing names of potential prospects for enlistment, commissioning and the Air Force Reserve Officer Training Corps. Makes oral and film presentations to high school and college classes to establish contact with prospects. Maintains informational records to enable follow-up contacts with prospective enlistees. Prepares enlistment and commissioning case files on personnel who are enlisting or applying for a commission in the Unites States Air Force. Informs interested persons of military obligations, officer and airman career structure, educational and training opportunities and other military benefits and entitlements.
2.2. Implements publicity programs. Plans and coordinates sales promotional projects using media such as direct mail, press, radio, and television presentations. Presents Air Force orientations to civic, social, educational and student organizations. Distributes advertising and publicity materials to places frequented by persons of military age. Mails literature to persons of military age to stimulate interest in the Air Force.
2.3. Conducts community relations programs. Assists and participates in special events such as state and municipal ceremonies, exhibits, fairs, parades, centennials, and sporting events. Plans for and accompanies groups on tours of military installations. Participates in community activities such as fund-raising drives, blood donor drives and patriotic holidays. Establishes and maintains contact with high school, college, business, and industry officials to enhance the prestige of the Air Force in the community.
2.4. Plans and performs recruiting activities. Maintains market data. Collects and monitors production reports of recruiting activities. Implements plans and procedures to record production flow and reporting. Ensures proper distribution and use of advertising and publicity materials. Manages and controls lead resources. Provides management assistance in support of all recruiting programs. Retrieves and maintains date of enlistment reports and provides analysis to flight chief. Assists in policy development and ensures timely implementation.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge of the organization, mission, policies, and history of the United States Air Force is mandatory.
3.2. Education. Completion of high school or general educational equivalency is mandatory. SSgts must have completed Airman Leadership School.
3.3. Training. For retention, completion of the recruiter course is mandatory.
3.4. Experience. For entry, prior qualification at the 5-skill level (3-skill level if no 5-skill level exists) in any AFSC is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry:
3.5.1.1. For RegAF position, approved candidate on the developmental special duty nomination list.
3.5.1.2. E-4 with Airman Leadership School completed (AFR only) or E-5 through E-7.
3.5.1.3. Skill level commensurate with grade.
3.5.1.4. Outstanding in appearance, military bearing, professional military image, and conduct both on/off duty.
3.5.1.5. Nominative CC/CCMs must ensure candidates demonstrate the maturity and ability to operate in an autonomous environment, without direct day-to-day supervision.
3.5.1.6. Must not have referral EPB in the last 3 years.
3.5.1.7. Score 75 or above on the most recent fitness test and no failures on any portion within the last 12 months.
3.5.1.8. For RegAF and ANG, no record of disciplinary action that resulted in an Article 15 or Unfavorable Information File in the last three years. For AFR, must be approved by the Air Force Reserve Command 367 Recruiting Group Commander after review of a mandatory background check by AFRC Judge Advocate for uniform code of military justice actions.
3.5.1.9. For RegAF and ANG, no record of disciplinary action that resulted in an Article 15 or Unfavorable Information File in the last three years. For AFR, must be approved by the Air Force Reserve Command (AFRC) Recruiting Service Commander after review of a mandatory background check by AFRC Judge Advocate for uniform code of military justice actions.
3.5.1.10. See attachment 4 for additional mandatory entry requirements.
3.5.2. For entry and retention:
3.5.2.1. No unresolved emotional instability, personality disorder, or other mental health problems.
3.5.2.2. No record of alcohol or substance abuse, financial irresponsibility, domestic violence, or child abuse.
3.5.2.3. No record of conviction by summary, special, or general courts-martial.
3.5.2.4. No record of disciplinary action (Letter of Reprimand [LOR] or Article 15) for engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships*, or documented failures (LOR or Article 15) to exercise sound leadership principles with respect to morale or welfare of subordinates.

3.5.2.5. Possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, Ground Transportation.
3.5.2.6. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.7. For AFR, Specialty requires routine access to Secret material or similar environment. For award and retention of SDI 8R000, completion of a current National Agency Check, Local Agency Checks and Credit (NACLC) according to AFI 31-501, Personnel Security Program Management.
3.5.3. For retention, must attain/maintain training standards and task certifications according to specific duty position(s) Recruiting AFJQS.

4. **Utilization note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8R000 unit manpower document (UMD) authorization. When the member is filling a valid 8R000 UMD authorization, 8R000 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. The CAFSC will be updated after the member graduates from the formal school and signs into the new duty position (this is the same time the DAFSC changes). If there is no formal school, then the CAFSC will be updated using the same effective date as the DAFSC. Once the member is no longer filling a valid 8R000 UMD authorization, 8R000 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8R000 is not authorized for award as the PAFSC when filling a funded 8R000 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8R000 duties but not filling a funded 8R000 UMD authorization will have no change in their awarded and control AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AAFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8R200

SECOND-TIER RECRUITER
(Changed 30 Apr 25)

1. **Special Duty Summary.** Organizes and conducts programs to recruit sufficient personnel to satisfy the requirements of the United States Air Force. Related DoD Occupational Subgroup: 150100.

2. **Duties and Responsibilities:**
2.1. For RegAF, related duties include Health Professions Recruiter, Line Officer Accessions Recruiter, Military Entrance Processing Station (MEPS) Liaison NCO, Squadron Trainer, Squadron Operation NCO, Special Warfare Recruiter, MEPS Liaison Supervisor, HQ AFRS and Recruiting Group staff and Air Force Recruiting School Schoolhouse Instructor. For AFR, related duties include In-Service Recruiters (to include In-Service/Line Recruiters), Health Professions Recruiters, Officer Accessions Recruiters, Critical Skills Recruiters, and staff positions graded at E-7. For ANG, related duties include, Flight Chief, Retention Office Manager, Recruiting and Retention NCOs, Recruiting School Schoolhouse Instructor, In-Service Recruiters, and NGB Statutory Tour positions.
2.2. Provides marketing support to assigned recruiters. Develops marketing information sources such as employment agencies, driver's license and job advertise lists, high school and college student lists and separation reports, in securing names of potential prospects for active-duty enlistment, commissioning and the Air Force Reserve Officer Training Corps. Plans and conducts recruiter marketing training to include mini-jet training and hands-on television and radio station spots. Conducts training and evaluates enlisted accessions recruiters' oral and film presentations to target audiences at high school and college campuses. Assists the operations flight commander in the management of the advertising and community relations budget.
2.3. Develops publicity programs. Plans, directs, and evaluates sales promotional projects using media such as direct mail, press, radio, and television presentations. Writes copy and edits simple news stories and photograph captions. Prepares and monitors enlisted accessions recruiters' presentations of Air Force orientations to civic, social, educational and student organizations.
2.4. Develops community relations programs. Plans, organizes, and provides support for recruiter special events such as state and municipal ceremonies, exhibits, fairs, parades, centennials, and sporting events. Develops Air Force media products to maintain liaison with media outlets, civic groups, and local organizations in support of recruiting objectives.
2.5. Performs MEPS liaison and production management duties. Ensures proper coordination between the Air Force and MEPS commander and proper scheduling of Air Force applicants to the MEPS is accomplished. Assists in obtaining the initial classification for Air Force applicants. Coordinates on recruiting operational matters and interprets recruiting directives for assigned units.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge of the organization, mission, policies, and history of the United States Air Force is mandatory.
3.2. Education. For entry into this SDI, completion of high school or general educational equivalency is mandatory.
3.3. Training. Not used.
3.4. Experience. For entry into this SDI, prior qualification in SDI 8R000 with a minimum of 36 months of experience. 24 months experience for ANG only.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this SDI:
3.5.1.1. Must be qualified in a valid Air Force Specialty Code (AFSC).
3.5.1.2. See attachment 4 for additional mandatory entry requirements.
3.5.2. For award and retention of this SDI:
3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.2. No unresolved history of emotional instability, personality disorder, or other mental health problems.
3.5.2.3. No record of alcohol or substance abuse, financial irresponsibility, domestic violence, or child abuse.
3.5.2.4. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Ground Transportation*.
3.5.2.5. Must attain/maintain training standards and task certifications according to specific duty position JQS.
3.5.2.6. No record of conviction by summary, special, or general courts-martial.
3.5.2.7. No record of disciplinary action (Letter of Reprimand [LOR] or Article 15) for engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships*, or documented failures (LOR or Article 15) to exercise sound leadership principles with respect to morale or welfare of subordinates.
3.5.2.8. Must not have referral EPB in the last 3 years.
3.5.2.9. For RegAF, score 75 or above on the most recent fitness test and no failures on any portion within the last 12 months.

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8R200 unit manpower document (UMD) authorization. When the member is filling a valid 8R200 UMD authorization, 8R200 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8R200 UMD authorization, 8R200 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is

disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8R200 is not authorized for award as the PAFSC when filling a funded 8R200 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8R200 duties but not filling a funded 8R200 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW *AFMAN 36-2100, Military Utilization and Classification.* Use Outside of Control AFSC.

SDI 8R300*

THIRD-TIER RECRUITER

(Changed 30 Apr 25)

1. **Special Duty Summary.** Manages and supervises programs to recruit sufficient personnel to satisfy the requirements of the United States Air Force. Related DoD Occupational Subgroup: 150100.

2. **Duties and Responsibilities:**
2.1. For Reg AF, related duties include AFPC/Superintendent Enlisted Accessions Policy, Chief, Enlisted Accessions Policy/Career Field Manger, Air Staff Enlisted Accession Flight Chief, Officer Health Professions Flight Chief, Operation Supervisor, Senior Trainer, HQ AFRS and Recruiting Group Trainer, AFRS Inspector General, HQ AFRS Recruiter Screening Team, Classification, Squadron Superintendent, Group Superintendent, HQ AFRS Superintendent, AFRS Inspector General Superintendent, Air Force Recruiting School Schoolhouse Commandant, and AFPC Accessions Superintendent. For AFR, related duties include Flight Chief, Senior Recruiter, Senior Squadron Trainers, Squadron Superintendents, and staff positions graded at E-8 or E-9. For ANG, related duties, NGB HQ Branch Chiefs, Recruiting and Retention SELs, NGB HQ SELs.
2.2. Oversees and manages marketing support provided to recruiters. Plans and conducts recruiter marketing training. Conducts training and evaluates enlisted accessions and second-tier recruiters. Assists the operations flight commander in the management of the advertising and community relations budget.
2.3. Manages regional publicity program. Plans, directs, and evaluates sales promotional projects using media such as direct mail, press, radio, and television presentations. Writes copy and edits simple news stories and photograph captions. Supervises and trains enlisted accessions and second-tier recruiters on presentations of Air Force orientations to civic, social, educational and student organizations.
2.4. Manages community relations programs. Plans, organizes, and provides support for recruiter special events such as state and municipal ceremonies, exhibits, fairs, parades, centennials, and sporting events. Develops Air Force media products to maintain liaison with media outlets, civic groups, and local organizations in support of recruiting objectives.
2.5. Manages Military Entrance Processing Station (MEPS) liaison production. Ensures proper coordination between the Air Force and MEPS commander and proper scheduling of Air Force applicants to the MEPS is accomplished. Assists in obtaining the initial classification for Air Force applicants. Oversees recruiting operational matters and interprets recruiting directives for assigned units.
2.6. Supervises recruiting activities. Oversees the recruiting practices, production and training of subordinate recruiting squadrons and recruiting personnel. Develops and maintains market data and allocates recruiting goals. Collects and monitors production reports of recruiting activities. Implements plans and procedures to record production flow and reporting. Ensures proper distribution and use of advertising and publicity materials. Manages and controls lead resources. Provides management assistance in support of all recruiting programs. Assists in policy development and ensures timely implementation.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge of the organization, mission, policies, and history of the United States Air Force is mandatory.
3.2. Education. For entry into this SDI, completion of high school or general educational equivalency is mandatory.
3.3. Training. Not used.
3.4. Experience. Prior qualification in SDI 8R000 with a minimum of 36 months experience and 8R200 with minimum 24 months experience. (ANG only) Prior qualification in SDI 8R000 with a minimum of 24 months experience and 8R200 with minimum 12 months experience.
3.5. Other. The following are mandatory as indicated:
3.5.1. See attachment 4 for mandatory entry requirements.
3.5.2. For award and retention of this SDI:
3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.2. No unresolved history of emotional instability, personality disorder, or other mental health problems.
3.5.2.3. No record of alcohol or substance abuse, financial irresponsibility, domestic violence, or child abuse.
3.5.2.4. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.
3.5.2.5. Must attain/maintain training standards and task certifications according to specific duty position JQS.
3.5.2.6. No record of conviction by summary, special, or general courts-martial.
3.5.2.7. No record of disciplinary action (Letter of Reprimand [LOR] or Article 15) for engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships*, or documented failures (LOR or Article 15) to exercise sound leadership principles with respect to morale or welfare of subordinates.
3.5.2.8. Must not have referral EPB in the last 3 years.
3.5.2.9. For RegAF, score 75 or above on the most recent fitness test and no failures on any portion within the last 12 months.

4. ***Specialty Shredouts:**

Suffix	*Portion of AFS to Which Related*
A	Flight Chief

Suffix	*Portion of AFS to Which Related*
C	Production Superintendent

B	Graduated, Flight Chief		**E**	Senior Enlisted Leader

5. **Utilization Note (RegAF only):**

5.1. Award of this SDI is only authorized when an airman is filling a funded 8R300 unit manpower document (UMD) authorization. When the member is filling a valid 8R300 UMD authorization, 8R300 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8R300 UMD authorization, 8R300 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100 unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8R300 is not authorized for award as the PAFSC when filling a funded 8R300 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8R300 duties but not filling a funded 8R300 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8S000

MISSILE FACILITY MANAGER
(Changed 30 Apr 21)

1. **Special Duty Summary.** Performs routine equipment inspections and emergency operating procedures; responds to actions directed by the missile combat crew at the missile alert facility (MAF); and supervises daily activities at the MAF. Related DoD Occupational Subgroup: 195000.

2. **Duties and Responsibilities:**
2.1. Performs normal and emergency procedures and inspections on MAF equipment. Inspects water treatment systems, power production systems, lighting and temperature controls, and other support systems required for daily operation. Performs water treatment system and diesel generator tests and adjustments. Performs facility equipment tests, adjustments, and maintenance as directed by base civil engineering and missile maintenance. Maintains and inspects assigned vehicles. Operates snow control vehicles. Conducts and reports basic weather observations. Operates land mobile radio systems. Operates and performs maintenance on self-contained breathing apparatuses.
2.2. 2.2 Responds to actions as directed. Assists the missile combat crew to ensure proper operation of the MAF. Assists the missile combat crew to correct abnormal situations in the launch-control-equipment building and soft-support building. Resets circuit breakers and performs equipment-restart and troubleshooting procedures as directed by the crew. Represents missile squadron commander in soft support area of MAF. Functions as shelter manager for the MAF. May be required to provide emergency medical aid.
2.2.1. Supervises daily activities at MAF. Primary escort official for soft support areas and launch control equipment building. Issues, receives, and accounts for fuel. Manifests and acts as ground crew for helicopter operations. Performs refuel operations as needed for helicopter support. Assigns rooms and issues bedding for assigned and transient personnel. Maintains accountability for supplies and equipment. Functions as area fire warden and safety monitor. Maintains and uses Air Force indexes, publications, and filing systems to maintain referenced accountability.

3. **Specialty Qualifications:**
3.1. Knowledge. For retention of this SDI, knowledge is mandatory of Air Force administrative, supply, accounting, and building maintenance procedures.
3.2. Education. For entry into this SDI, completion of high school is desirable.
3.3. Training. Not used.
3.4. Experience. Not used.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this SDI:
3.5.1.1. Possess grade of E-5 through E-7.
3.5.1.2. No record of sustained, untreatable emotional instability, personality disorder, or other unresolved mental health problems that interfere with the ability to perform Facility Manager Duties.
3.5.1.3. No record of current or ongoing disciplinary action, or financial irresponsibility.
3.5.1.4. See attachment 4 for additional entry requirements.
3.5.2. For entry and retention of this SDI, the following are mandatory:
3.5.2.1. Possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, Ground Transportation.
3.5.2.2. Maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.5.2.3. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments. For award and retention of SDI 8S000, completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: Award of the SDI without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. **Utilization note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8S000 unit manpower document (UMD) authorization. When the member is filling a valid 8S000 UMD authorization, 8S000 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8S000 UMD authorization, 8S000 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36- 2100*, Military Utilization and Classification*, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8S000 is not authorized for award as the PAFSC when filling a funded 8S000 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8S000 duties but not filling a funded 8S000 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36- 2100.

SDI 8S200

COMBAT CREW COMMUNICATIONS
(Changed 30 Apr 22)

1. **Specialty Summary.** Provides Communications Security (COMSEC) Responsible Officer (CRO) support with materials and user training, Flight Information Publications (FLIP), communications, aircraft identification training to aircrew for various types of deployments, exercises, assessments, and missions.

2. **Duties and Responsibilities:**
2.1. Establish and maintain a COMSEC user account.
2.2. Schedule, administer, document, and conduct COMSEC User Training for wing aircrews.
2.3. Manage, issue, and maintain COMSEC material according to AFMAN 17-1302-O, (CUI) *COMSEC Operations*.
2.4. Perform Cryptographic Access Program (CAP) duties according to AFMAN 17-1302-O (CUI).
2.5. Brief aircrews on Identification Friend or Foe (IFF) procedures, COMSEC document usage, cryptographic transfer devices, and FLIPs according to AFI 11-244, (CUI) *Instructions for Combat Crew Communications*.
2.6. Establish, administer, and maintain a Level 1 (and as applicable, Level 2) on-the-job training certification program according to AFI 11-244 (CUI).
2.7. Construct, issue, and retrieve communications kits both in-garrison and deployed for daily sorties, exercises, assessments, and special missions.
2.8. Establish and maintain FLIP accounts.
2.9. Deploy as required in support of Air Expeditionary Force and other operations.
2.10. Additional information on duties and responsibilities are located in AFI 11-244 (CUI).

3. **Specialty Qualifications:**
3.1. Knowledge. Not used.
3.2. Education. For entry into this SDI, completion of high school or general educational development equivalency is mandatory.
3.3. Training. For retention of this SDI, completion of Level 1 (and as applicable, Level 2) on-the-job training and award of SEI 240 is mandatory.
3.4. Experience. Not used.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry and retention into this SDI:
3.5.1.1. Possess grade of E-4 through E-7 and 5-skill level or above.
3.5.1.2. No record of military or civilian convictions (except minor traffic violations).
3.5.1.3. Must attain/maintain training standards and task certifications according to specific duty position JQS.
3.5.1.4. Must maintain eligibility to deploy and mobilize as required.
3.5.1.5. Must have and maintain a Secret clearance and be eligible for Top Secret clearance.
3.5.1.6. Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, *Computer Security*.

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an Airman is filling a funded 8XXXX unit manpower document (UMD) authorization. Once the member is no longer filling a valid 8XXXX UMD authorization, 8XXXX is no longer authorized as the Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8XXXX is not authorized for award as the Primary Air Force Specialty Code (PAFSC) when filling a funded 8XXXX UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8XXXX duties but not filling a funded 8XXXX UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their Control Air Force Specialty Code (CAFSC) are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.
NOTE: Airmen performing in these positions will not have their CAFSC changed and will continue to promotion test within their CAFSC (the CAFSC must continue to match their PAFSC).

SDI 8T000

★PROFESSIONAL MILITARY EDUCATION INSTRUCTOR
(Changed 31 Oct 25)

1. ★**Special Duty Summary**. Develops and conducts enlisted professional military education (EPME) programs for airmen, noncommissioned officers (NCO), and senior NCOs; provides management consultant services. Related DoD Occupational Subgroup: 101200.

2. **Duties and Responsibilities:**
2.1. Instructs EPME topics. Provides curriculum delivery using informal lectures, case studies, teaching interviews, guided discussions, and a variety of other teaching methods. Coordinates with and incorporates local subject matter experts and class mentors into class schedules to further learning outcomes. Uses computers, software applications, audiovisual equipment, and multi-media tools in support of educational goals. Manages EPME course and activities. Manges EPME course and activities. Plans and organizes course requirements for education, facilities, space, equipment, visual aids, and supplies.
2.2. Directs student registration, enrollment, and class schedules consistent with learning outcomes, goals and available resources. Monitors and ensures facilities support educational mission.
2.3. Directly supervises and guides student progression. Evaluates student performance. Mentors, counsels, and advises individuals on academic and nonacademic issues impacting student performance and development.
2.4. Completes and maintains instructor qualification training requirements IAW the Community College of the Air Force (CCAF) Policies, Procedures and Guidelines (PPG), the 8T000 CFETP, and Barnes Center for Enlisted Education (BCEE) policy. Reports faculty credentialing information in Faculty Qualifications Tracking Tool (FQTT). Conducts curriculum in-service trainings on all curriculum materials. Identifies areas for improvement withing curriculum and provides feedback to BCEE/A7.
2.5. Prepares and maintains administrative files and records for students and faculty that are pertinent to EPME matters. Maintains completed school record files for historical review.

3. ★**Special Duty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: principles, techniques, and methods of instructions; use of visual aids; learning processes; curriculum development; education and training evaluation; and counseling methods and techniques.
3.2. Education. For entry into this SDI, TSgt-SMSgt must have completed/awarded CCAF degree or civilian equivalent. SSgts must either have a CCAF degree, civilian equivalent, or a minimum of 52 credits towards CCAF degree or civilian equivalent.
3.3. Training. The following training is mandatory as indicated:
3.3.1. Completion of a certified in-resident PME course at a level equal to or higher than the course in which member is applying prior to reporting for duty.
3.3.2. ★For those who will instruct, design, or supervise instruction of EPME courses, completion of the Enlisted PME Instructor Course or Air Force approved equivalent course.
3.4. Experience. Not Used.
3.5. Other.
3.5.1. For entry into this SDI, the following are mandatory:
3.5.1.1. E-5 through E-8 with 4 or more years from current/projected grade HYT.
3.5.1.2. Be qualified in an AFSC and possesses an appropriate skill level commensurate with grade.
3.5.1.3. No record of “not ready now” on the last 5 years of evaluations.
3.5.1.4. No referral evaluation in the last 3 years.
3.5.1.5. ★Scored 80 or above on last two fitness tests, or 90 or above on most recent fitness test, no failure on any portion within the last 12 months. No current PT exemptions; except deployment and/or pregnancy.
3.5.1.6. Outstanding in appearance, military bearing, professional military image, and conduct both on/off duty.
3.5.1.7. ★No record of disciplinary action that resulted in an Article 15 or Unfavorable Information File for the past three years.
3.5.1.8. ★Have superb counseling and briefing skills. Ability to speak clearly, communicate well with others.
3.5.1.9. See attachment 4 for additional entry requirements.
3.5.2. For entry and retention of this SDI the following are mandatory:
3.5.2.1. ★No general, special, or summary courts-martial convictions in the last 5 years.
3.5.2.2. No record of disciplinary action (Letter of Counseling, Letter of Admonishment, Letter of Reprimand, or Article 15) for engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships* or documented failures to exercise sound leadership principals.
3.5.2.3. No convictions by a civilian court except for minor traffic violations.
3.5.2.4. No military disciplinary/corrective action (LOC, LOA, LOR, or Article 15) for sexual related offenses, drug related offenses, larceny/theft/fraud, assault, domestic/child abuse related offenses or repeat offenders for lesser offenses.
3.5.2.5. No nonjudicial punishment under the Uniform Code Military Justice during EPME tenure.
3.5.2.6. No rating of “not ready now” or a referral evaluation during EPME tenure.
3.5.2.7. No more than one physical fitness assessment under 80 during EPME tenure.

3.5.2.8. Commandants recommendation of SDI retention/removal with commander's approval, based on member's ability to perform as an EPME instructor or in a leadership position within the EPME enterprise.
3.5.2.9. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8T000 unit manpower document (UMD) authorization. When the member is filling a valid 8T000 UMD authorization, 8T000 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. The CAFSC will be updated after the member graduates from the formal school and signs into the new duty position (this is the same time the DAFSC changes). If there is no formal school, then the CAFSC will be updated using the same effective date as the DAFSC. Once the member is no longer filling a valid 8T000 UMD authorization, 8T000 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8T000 is not authorized for award as the PAFSC when filling a funded 8T000 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8T000 duties but not filling a funded 8T000 UMD authorization will have no change in their awarded and control AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8T100

★ENLISTED PROFESSIONAL MILITARY EDUCATION INSTRUCTIONAL SYSTEM DESIGNER

(Changed 31 Oct 25)

1. ★**Special Duty Summary**. Develops and evaluates enlisted professional military education (EPME) programs for airmen, noncommissioned officers (NCO), and senior NCOs. Related DoD Occupational Subgroup: 101200.

2. ★**Duties and Responsibilities:**

2.1. Monitors entire education program. Plans and organizes phases of education, student flow, and class schedules consistent with production goals and available resources. Identifies EPME requirements for education, equipment, visual aids and supplies pertaining to curriculum. Conducts needs analysis.

2.2. Develops and executes processes for institutional effectiveness. Prepares statistical reports and records about student performance. Monitors and analyzes assessment data to identify and implement improvement plans. Monitor and analyze assessment data to identify and implement improvement plans. Aligns self-assessment data across all Barnes Center for Enlisted Education (BCEE) Programs, identifies trends, and suggests enhancements.

2.3. Reviews files and records provided by schoolhouses and academy's pertinent to EPME matters.

2.4. ★Establishes criteria, policies, and procedures for executing and managing Air Force EPME programs to ensure Department of the Air Force wide standardized program implementation and administration. Trains Affiliated School Liaisons (ASL) on management of EPME electronic faculty folders. Advises commandants on all matters pertaining to EPME policy and procedures. Conducts periodic inspection of school activities and assists schools in deficiency corrections

2.5. ★Designs, researches, develops, implements, manages, and distributes quality EPME course content, instructional methodology, student reading design, and evaluation instruments. Reviews and revises educational materials to ensure currency, relevancy, and accuracy. Seeks and responds to instructor feedback and recommendations on curriculum matters and implements revisions as needed. Evaluates and analyzes the overall effectiveness of EPME courses.

2.6. Coordinates and conducts in-service training with commandants and instructors on curriculum. Reviews, maintains, and updates student learning management systems to reflect current curriculum. Advises schoolhouses and academies on all curriculum matters.

3. ★**Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: principles, techniques, and methods of instructions; use of visual aids; learning processes; curriculum development; education and training evaluation; and counseling methods and techniques.

3.2. Education. For entry into this SDI, TSgt-SMSgt must have completed/awarded CCAF degree or civilian equivalent. SSgts must either have a CCAF degree, civilian equivalent, or a minimum of 52 credits towards CCAF degree or civilian equivalent.

3.3. Training. The following training is mandatory as indicated:

3.3.1. Completion of a certified in-resident PME course at a level equal to or higher than the course in which member is applying prior to reporting for duty.

3.3.2. ★For those who will design, or supervise instruction of PME courses, completion of the Enlisted PME Instructor Course or Instructional Systems Design (ISD) or Air Force approved equivalent course.

3.4. Experience. Not Used.

3.5. Other.

3.5.1. For entry into this SDI following are mandatory:

3.5.1.1. E-5 through E-8 with 4 or more years from current/projected grade HYT.

3.5.1.2. Be qualified in an AFSC and possesses an appropriate skill level commensurate with grade.

3.5.1.3. No record of "not ready now" on the last 5 years of evaluations.

3.5.1.4. No referral evaluations in the last 3 years

3.5.1.5. ★Scored 80 or above on last two fitness tests, or 90 or above on most recent fitness test, no failure on any portion within the last 12 months. No current PT exemptions; except deployment and/or pregnancy.

3.5.1.6. Outstanding in appearance, military bearing, professional military image, and conduct both on/off duty.

3.5.1.7. No record of disciplinary action that resulted in an Article 15 or Unfavorable Information File for the past three years.

3.5.1.8. Ability to speak clearly, communicate well with others, and have superb counseling and briefing skills.

3.5.1.9. See attachment 4 for additional entry requirements.

3.5.2. For entry and retention of this SDI:

3.5.2.1. ★The following are mandatory:

3.5.2.2. ★No general, special, or summary courts-martial convictions in the last 5 years.

3.5.2.3. No record of disciplinary action (Letter of Counseling, Letter of Admonishment, Letter of Reprimand, or Article 15) for engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships* or documented failures to exercise sound leadership principals.

3.5.2.4. No convictions by a civilian court except for minor traffic violations.

3.5.2.5. No military disciplinary/corrective action (LOC, LOA, LOR, or Article 15) for sexual related offenses, drug related offenses, larceny/theft/fraud, assault, domestic/child abuse related offenses or repeat offenders for lesser offenses of those listed.

3.5.2.6. No nonjudicial punishment under the Uniform Code of Military Justice during EPME tenure.

3.5.2.7. No rating of “not ready now” or a referral evaluation during EPME tenure.
3.5.2.8. No more than one physical fitness assessment under 80 during EPME tenure.
3.5.2.9. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8T100 unit manpower document (UMD) authorization. When the member is filling a valid 8T100 UMD authorization, 8T100 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8T100 UMD authorization, 8T100 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8T100 is not authorized for award as the PAFSC when filling a funded 8T100 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8T100 duties but not filling a funded 8T100 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification.* Use Outside of Control AFSC.

SDI 8T200

★DEVELOPMENT ADVISOR
(Changed 31 Oct 25)

1. ★**Special Duty Summary.** Manages Development Advisor (DA), Enlisted Professional Continuation Education (EPCE), Informed Decision Seminars (IDS), miscellaneous professional enhancement, and First Term Enlisted Course (FTEC) programs. Principal advisor to commanders and supervisors on enlisted force management issues to include force shaping and career opportunities. Assists commanders and supervisors in career counseling. Advises Airmen and Guardians on career progression and planning, and benefits of continued service, entitlements, and conducts advertising and publicity of programs. Executes Foundations Courses, (FCs) outlined in the Enlisted Airmanship Continuum (300/500/700), IDS, FTEC, and individual career counseling. Related DoD Occupational Subgroup: 150100. ***NOTE***: First Term Enlisted Course do not apply to the Air Force Reserve.

2. ★**Duties and Responsibilities:**
2.1. Advises commanders, supervisors, and enlisted personnel on force management programs as well as EPCE and enhancement opportunities.
2.2. ★Facilitates IDS and provides informational guidance on career decisions to ensure Airmen and Guardians are briefed at appropriate intervals. Assists commanders and senior enlisted leaders in the development of front-line supervisors by creating learning opportunities to support desired audience. Advises separating enlisted personnel on Air Force Reserve and Air National Guard program benefits and opportunities. Assists supervisors and commanders in counseling enlisted personnel on reenlistment, separations, special duty opportunities, retraining, entitlements and benefits.
2.3. ★Monitors force management initiatives. Assists the Force Support Squadron in the dissemination of information on personnel programs, new guidance that affects the base populace, advertisement, education, and execution of programs to meet AF objectives.
2.4. ★Works with Air Reserve Component counterparts and recruiters to advertise benefits and opportunities of Reserve and Guard duty. Prepares and distributes opportunities to airmen contemplating a career decision.
2.5. ★Plans, organizes, and directs FCs. Plans and organizes requirements for facilities, space equipment, visual aids, and supplies. Plans and organizes phases of education, student flow, and class schedules consistent with production goals and available resources. Instructs or coordinates to obtain subject matter expert instructors/facilitators for FC curriculum. Provides units with platform to register members.
2.6. ★Provides functional oversight for the FTEC. The DA will perform and/or facilitate all FTEC responsibilities. Plans and organizes requirements for education, facilities, space equipment, visual aids, and supplies. Plans and organizes phases of education, student flow, and class schedules consistent with production goals and available resources. Provides units with platform to register members.
2.7. ★Provides management consultant services relating to career opportunities, progression, and planning. Conducts and administers courses, symposiums, workshops, or conferences; interprets organizational surveys; evaluates program management effectiveness and provides feedback.

3. ★**Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of the organization, mission, policies, and personnel management with emphasis on personnel and administration, and counseling techniques.
3.2. ★Education. For entry into this SDI, RegAF Airman must have CCAF degree or civilian equivalent from an accredited institution. ARC members must have CCAF degree and immediately enroll in the USAF SNCO correspondence course upon selection for DA duty (if not currently enrolled/complete) and must complete the course within 12 months after attending/completing the Air Force Reserve DA orientation.
3.3. Training. Completion of the Air Force DA training is mandatory within 6 months of assignment to duties.
3.4. Experience. Not used.
3.5. Other.
3.5.1. For entry into this SDI the following are mandatory:
3.5.1.1. ★E-7 or E-8 with 3 or more years from current/projected grade HYT. The specific grade requirement is determined by the authorized grade listed in the Unit Manning Document (UMD) at each location. E-6 by exception.
3.5.1.2. Must have commander's recommendation.
3.5.1.3. Skill level qualification commensurate with grade.
3.5.1.4. No record of "not ready now" on the last 5 years of evaluations.
3.5.1.5. No referral evaluations in the last 3 years.
3.5.1.6. Scored 80 or above on last two fitness tests, or 90 or above on most recent fitness test, no failure on any portion within the last 12 months. No current PT exemptions; except deployment and/or pregnancy.
3.5.1.7. Outstanding in appearance, military bearing, professional military image, and conduct both on/off duty.
3.5.1.8. No record of disciplinary action that resulted in Article 15 or Unfavorable Information File for the past 3 years.
3.5.1.9. Ability to speak clearly, communicate well with others and have superb counseling and briefing skills.
3.5.1.10. See attachment 4 for additional entry requirements.
3.5.2. For entry and retention of this SDI the following are mandatory:
3.5.2.1. ★No general, special, or summary courts-martial convictions in the last 5 years.

3.5.2.2. No record of disciplinary action (Letter of Counseling, Letter of Admonishment, Letter of Reprimand, or Article 15) for engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, Professional and Unprofessional Relationships. or documented failures to exercise sound leadership principals.
3.5.2.3. No convictions by a civilian court except for minor traffic violations.
3.5.2.4. No military disciplinary/corrective action (LOC, LOA, LOR, or Article 15) for sexual related offenses drug related offenses, larceny/theft/fraud, assault, domestic/child abuse related offenses or repeat offenders for lesser offenses of those listed.
3.5.2.5. No nonjudicial punishment under the Uniform Code of Military Justice during DA tenure.
3.5.2.6. No rating of "not ready now" or a referral evaluation during DA tenure.
3.5.2.7. No more than one physical fitness assessment under 80 DA tenure.
3.5.2.8. Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, *Computer Security*.

4. ★**Utilization Note (RegAF only):**
4.1. ★Award of this SDI is only authorized when an airman is filling a funded 8T200 UMD authorization. When the member is filling a valid 8T200 UMD authorization, 8T200 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. The CAFSC and DAFSC will be updated upon member being gained into the position. If there is no formal school, then the CAFSC will be updated using the same effective date as the DAFSC. Once the member is no longer filling a valid 8T200 UMD authorization, 8T200 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8T200 is not authorized for award as the PAFSC when filling a funded 8T200 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8T200 duties but not filling a funded 8T200 UMD authorization will have no change in their awarded and control AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW *AFMAN 36-2100, Military Utilization and Classification*. Use Outside of Control AFSC.

5. ★**Utilization Note (Air Force Reserve Only):**
5.1. ★Use this SDI for E-7 -E-8 members assigned to the AFRC Professional Development Center.

SDI 8U000

UNIT DEPLOYMENT MANAGER
(Changed 31 Oct 16, Effective 8 Feb 16)

1. **Specialty Summary**. Principle advisor to the organization commander on all issues related to deployment readiness and execution. Implements and executes commander-directed deployment actions for assigned personnel and cargo. Monitors and maintains unit deployment readiness statistics and implements commander, MAJCOM, and HAF deployment readiness guidance. Exercises general supervision over assigned squadron personnel in all matters related to deployment readiness and execution. Related DoD Occupational Subgroup: 155100.

2. **Duties and Responsibilities:**
2.1. Provides the organization commander a deployable force to execute the unit mission. Must remain vigilant for, and move to resolve, issues that, left unchecked, would adversely impact the deployment readiness of military members, and assigned deployment equipment. Prepares organization personnel and cargo to deploy in support of mission requirements. Exercises the necessary leadership to provide and sustain a mission-ready capability for the organization commander.
2.2. Advises the organization commander on readiness status. Assists the commander in preparation and execution of unit deployments.
2.3. Works with supervisory personnel to ensure individual readiness is maintained. Ensures readiness standards for deployment are met by all organization personnel. Provides leadership and guidance to supervisors and members enabling them to maintain the highest level of readiness. Coordinates resolution of complex readiness problems related to deployment activities with appropriate base agencies. Maintains liaison with the Installation Deployment Readiness Cell to ensure squadron readiness and awareness of current deployment operations. Ensures personnel training and cargo readiness is provided.
2.4. Coordinates deployment in-processing actions of newly assigned personnel to ensure members are assigned to the correct AEF Band, added to the Aerospace Reporting Tool (ART) database, and their Air Force Deployment Folders are created.
2.5. Creates and manages the unit deployment folder program through a proactive inspection program.
2.6. Manages and tracks passport and visa requests for members deploying OCONUS IAW the DoD Foreign Clearance Guide.
2.7. Manages organization micropurchase program for deployment equipment orders IAW applicable reporting instructions.
2.8. Schedules deployment and readiness training IAW requirements identified in applicable reporting instructions and published Air Force Instructions. Manages small arms training requirements.
2.9. Uses Logistics Module (LOGMOD) to develop and maintain unit type codes (UTCs) for which their organization is a pilot unit. Ensures equipment meets Mission Capability Statement requirements, are error free, and coordinates with the Installation Deployment Readiness Cell for submission to MAJCOM for approval and inclusion in AF planning documents. Validates UTCs biennially, or more often as required, to ensure organization is capable of meeting wartime requirements.
2.10. Manages and maintains organization AEF UTC Reporting Tool (ART) inputs and status updates for assigned military members. Reviews and validates information contained within Status of Resources and Training System (SORTS), Defense Readiness Reporting System (DRRS), Designed Operational Capability statements (DOC), Mission Essential Task Lists (METLs), and LOGMOD Deployment Requirements Manning Document (DRMD). Advises commander when matters impacting deployment readiness arise.
2.11. Tracks and verifies organization personnel medical status in regards to deployment readiness.
2.12. Coordinates transportation requirements with the Installation Deployment Readiness Cell.
2.13. Processes organization commander shortfalls and reclama requests through prescribed AF systems.
2.14. Processes notional, contingency, exercise, deployment, and rotational taskings to ensure the appropriate individual or cargo asset is deployed in support of warfighter requirements. Pare and tailors equipment UTCs upon MAJCOM approval to ensure the proper capability is deployed to support the warfighter.
2.15. Supervises Cargo Increment Monitors to ensure cargo is properly maintained at a feasible state of readiness, prepared for shipment, and accountability has been maintained.
2.16. Performs all necessary actions to ensure military members are reintegrated into non-combat orientated environments as directed by AF policies.
2.17. Briefs organization leadership and personnel on deployment readiness matters.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of logistics planning techniques in functional areas of supply, transportation, contracting, services, force protection, operations, personnel, comptroller, medical, and legal as impacted by, and as they impact organizational deployment readiness; Air Force operations and organization; processes of deployment, redeployment, reintegration, and reconstitution; command and control techniques; techniques of conducting readiness assessments; data processing and electronic data processing equipment; and basic budgeting techniques.
3.2. Education. For entry into this SDI, completion of high school or general educational development equivalency is mandatory.
3.3. Training. For retention of this SDI, completion of the AF Unit Deployment Manager Course and certification by the organization's host Installation Deployment Readiness Cell in core tasks is mandatory.
3.4. Experience. For entry into this SDI, prior qualification at the 5-skill level (3-skill level if no 5-skill level exists) in any AFSC is mandatory.
3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty:
3.5.1.1. See attachment 4 for mandatory entry requirements.
3.5.2. For entry and retention of this SDI:
3.5.2.1. No recorded evidence of emotional instability, personality disorder, or other unresolved mental health problems.
3.5.2.2. No record of substance abuse, financial irresponsibility, domestic violence, or child abuse.
3.5.2.3. Never been convicted by a general, special, or summary courts-martial.
3.5.2.4. Never received nonjudicial punishment under the Uniform Code of Military Justice (UCMJ) which resulted in either reduction or suspended reduction in grade, or correctional custody.
3.5.2.5. Never been convicted by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the accepted number of Category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying.
***NOTE**:* Categories of offenses are described and listed in AFI 36-2002, *Regular Air Force and Special Category Accession*, Uniform Guide List of Typical Offenses.
3.6. For award and retention of this SDI,
3.6.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
3.6.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environments.
3.6.3. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
***NOTE**:* Award of the SDI without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8U000 unit manpower document (UMD) authorization. When the member is filling a valid 8U000 UMD authorization, 8U000 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8U000 UMD authorization, 8U000 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36 -2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8U000 is not authorized for award as the PAFSC when filling a funded 8U000 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8U000 duties but not filling a funded 8U000 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8U100

Weapons of Mass Destruction Civil Support Team (WMD-CST)
(Changed 31 Oct 20)

1. **Specialty Summary.** Air National Guard (ANG) only. Use this identifier to report the Duty Air Force Specialty Code (DAFSC) of an airman who is serving on a WMD-CST in a position identified in Chief of the National Guard Bureau Manual (CNGBM) 3501 as AFSC immaterial. Airmen assigned to positions on a WMD-CST with a specific AFSC requirement should not utilize this SDI, rather should utilize the AFSC under which they are performing duties.

2. **Duties and Responsibilities**
2.1. Not used.

3. **Specialty Qualifications**
3.1. Knowledge. Not used.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. Not used.
3.5. Other.
3.5.1. For entry and retention of this SDI, the following is mandatory as indicated:
3.5.2. Requirements for entry into the SDI will be outlined in CNGBM 3501. All personnel assigned to a WMD-CST are required to successfully complete the Civil Support Skills Course at Ft Leonard Wood.

SDI 8W000

WEAPONS SAFETY MANAGER – WING LEVEL
(Established 31 Oct 23)

1. **Special Duty Summary.** Serves as key advisor to commanders at all levels and supervisors on issues pertaining to explosives, missile, nuclear surety and directed energy safety. Provide for the safety of personnel, mission, assets, and the environment from hazards associated with ammunition and explosives throughout its life cycle.

2. **Duties and Responsibilities:**
2.1. Advise on matters pertaining to weapons safety.
2.2. Manage the Weapons Safety program to ensure Air Force personnel understand and comply with all explosives, missile, nuclear surety and directed energy safety standards.
2.3. Train unit Additional Duty Weapons Safety Representatives on their program management responsibilities.
2.4. Develop, conduct, and evaluate local explosives safety training.
2.5. Identify, assess, and offer management solutions for explosives safety risks to personnel, resources, and mission.
2.6. Conduct explosives safety inspections of munitions operating facilities and munitions-related operations, determine methods for managing risks, and document findings for dissemination.
2.7. Conduct formal investigations of accidents, incidents, and mishaps involving explosives, explosives and nuclear operations, nuclear certified equipment, and Dull Sword incidents.
2.8. Compile and analyze mishap data, identify trends, and develop mishap prevention strategies.
2.9. Prepare explosives site plans for new construction, major building alterations, or changes in mission. Validate and/or verify quantity distance, lightning protection system, and protective construction requirements.
2.10. Coordinate on construction planning and airfield management to ensure facility design and airfield activities meet Air Force and DoD explosives safety criteria.
2.11. Review requests for deviations to mandatory explosives safety standards, review measures to mitigate associated risks with such requests, and recommend approval or disapproval of such requests.
2.12. Prepare and maintain the installation Hazards of Electromagnetic Radiation to Ordnance survey package in collaboration with the installation spectrum manager and Munitions Accountable Systems Officer.

3. **Specialty Qualifications:**
3.1. Knowledge. Basic knowledge of explosives safety principles, hazard divisions and characteristics, etc. is required.
3.2. Education. Not used.
3.3. Training. For retention the following training is mandatory:
3.3.1. Completion of course L3AZR2W071-0C2A, Weapons Safety Manager.
3.3.2. MAJCOM-specific WSM training.
3.3.3. Course 3J5ACC2W0X1 001, Advanced Explosives Safety Siting.
3.4. Experience. For entry, prior qualification at the 7-skill level in the following AFSCs is mandatory: 2M0XX, 2W0XX, 2W1XX, 2W2XX, and 3E8X1.
3.5. Other.
3.5.1. For entry into this SDI, the following are mandatory (may be waived by the Career Field Manager on case-by-case basis):
3.5.1.1. E-5 through E-7 with 3 or more years from current/projected grade HYT.
3.5.1.2. Nominative CC/CCMs must ensure candidates demonstrate the maturity and ability to operate in an autonomous environment, without direct day-to-day supervision.
3.5.1.3. Overall rating of "Exceeded some, but not all expectations" or "Exceeded most, if not all expectations" on last 3 EPRs.
3.5.1.4. For Regular Air Force, score 75 or above on the most recent fitness test and no failures on any portion within the last 12 months. For AFR/ANG, score 80 or above of the last two fitness test and have no current fitness exemptions.
3.5.1.5. No record of disciplinary action that resulted in an Article 15 or Unfavorable Information File in the last three years.
3.5.1.6. See Attachment 4 for additional mandatory entry requirements.
3.5.2. For retention of this SDI, the following are mandatory:
3.5.2.1. Maintain entry requirements.
3.5.2.2. Must attain/maintain training standards and task certifications according to specific duty position JQS.
3.5.2.3. No recorded evidence of emotional instability, personality disorder, or other unresolved mental health problems.
3.5.2.4. No record of substance abuse or financial irresponsibility.
3.5.2.5. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management,* and AFMAN 17-1301, *Computer Security.*
3.5.2.6. Must maintain eligibility to deploy and mobilize worldwide.

4. **Utilization Note (RegAF only):**
4.1. Award of this SDI is only authorized when an airman is filling a funded 8W000 unit manpower document (UMD) authorization. When the member is filling a valid 8W000 UMD authorization, 8W000 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8W000 UMD authorization, 8W000 is no longer authorized as the Control

and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8W000 is not authorized for award as the PAFSC when filling a funded 8W000 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8W000 duties but not filling a funded 8W000 UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

SDI 8X100

Operational STEM Specialist

(Established 31 Oct 24)

1.1 **Specialty Summary:** Operational STEM Specialist plays a critical role in supporting military operations by leveraging their expertise in science, technology, engineering, and mathematics (STEM) to develop innovative solutions and strategies to address mission demands. This position requires a unique blend of technical acumen, problem-solving skills, and the ability to work in high-stress, mission-critical environments.

2 Duties and Responsibilities

2.1 Mission Enhancement: Work closely with military commanders to identify operational challenges and objectives. Develop and implement innovative STEM-driven solutions to address these challenges, aiming to enhance the overall mission. Continuously evaluate the impact of implemented solutions and make adjustments as needed to ensure optimal outcomes.

2.2 Technology Integration: Stay up to date with the latest advancements in STEM fields and assess the relevance of emerging technologies to military operations and propose/test their integration where appropriate. Collaborate with other experts to implement, maintain, and upgrade technology solutions that improve operational efficiency and effectiveness.

2.3 Data Analysis: Collect data from multiple and unconventional sources to conduct meaningful analysis. Utilize data analysis tools and techniques to derive innovative insights to inform new operational strategies and sustainment efforts as well as strategic and tactical decisions.

2.4 Innovative Problem-Solving: Apply STEM knowledge and expertise to solve complex, real-time operational challenges. Develop novel solutions for issues related to logistics, communication, intelligence, and operations. Continuously assess and adapt strategies to stay ahead of evolving threats and mission demands.

2.5 Collaboration: Work as part of cross-functional teams that include scientists, technologists, engineers, and military personnel. Foster a collaborative environment that encourages the sharing of ideas and expertise. Coordinate and manage multidisciplinary projects that bridge the gap between STEM innovation and military operations.

2.6 Training and Education: Develop training programs that enhance the STEM knowledge and skills of military personnel. Deliver hands-on training sessions and workshops to ensure the workforce remains informed and proficient in the latest STEM developments. Create educational materials and resources to support ongoing learning and development.

3. Specialty Qualifications

3.1. Knowledge. Advanced technical acumen within a STEM field is mandatory, either from traditional education or equivalent work experience.

3.2. Training. Member must have successfully completed a training rotation with Project Arc prior to award of SDI.

3.3. Specialty may require routine access to classified material. For award and retention of classification identifier, completion, and favorable adjudication of appropriate level of security clearance is required.

3.4. This position is open to any enlisted Airman from any AFSC and will be filled on a nominative basis. Must coordinate SDI usage with AF/ST (Office of the Chief Scientist) or their designee.

Utilization note (RegAF only): SDI is awarded only as a secondary (third or fourth) AFSC on an annual basis by a Developmental Team. SDI is only authorized as a DAFSC when an Airman is filling a funded 8YXXX unit manpower document (UMD) authorization. Once the member is no longer filling a valid 8YXXX UMD authorization, 8YXXX is no longer authorized as the Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the RI then it will not remain as an awarded AFSC. Further, 8YXXX is not authorized for award as the Primary Air Force Specialty Code (PAFSC) when filling a funded 8YXXX UMD authorization unless incumbent has no other awarded AFSCs.

Airmen performing 8YXXX duties but not filling a 8YXXX UMD authorization will have no change in their awarded, control and duty AFSCs. Ensure airmen employed outside of their Control Air Force Specialty Code (CAFSC) are managed IAW AFMAN 36-2100, *Military Utilization and Classification*. Use Outside of Control AFSC.

Airmen performing in these positions will not have their CAFSC changed and will continue to promotion test within their CAFSC [the CAFSC must continue to match their PAFSC]

Atch 2 Update:

8X100	Operational STEM Specialist

SDI 8Y000

PATHFINDER
(Established 31 Oct 23)

1. **Pathfinder Airmen.** The primary purpose of this position is to collaborate on complex problems and lead change for the Air Force under the direction of the Vice Chief of Staff of the Air Force. This position is open to any enlisted Airman from any AFSC and will be filled on a nominative basis from the Pathfinder Developmental Team only.

2. **Mandatory Requirements for Entry**: Demonstrated ability to organize complex projects attested to in performance reports or other verifiable means.

3. **Desired Qualifications for Entry**:
3.1. Provides alternative, non-standard solutions to address problems.
3.2. Performs duties as assigned.

AIR FORCE REPORTING IDENTIFIERS (RI)
(Changed 31 Oct 23)

Reporting Identifiers (RI) identify authorizations and individual enlisted airmen who, for any reason, are not identifiable in the classification structure and for whom specialty descriptions are not written. The following is a complete listing of all Reporting Identifiers.

1. **9A000, Enlisted Airman/Guardian - Disqualified for Reasons Beyond Control.**
1.1. Use this identifier to report the control and primary AFSCs of an enlisted airman/guardian who has lost qualification in a specialty for reasons over which the airman/guardian had no control, who possesses no other awarded AFSC, and who has been determined eligible for retraining IAW AFMAN 36-2100, *Military Utilization and Classification.*
1.2. Mandatory Requirements for Entry: None. Related DoD Occupational Subgroup: 192000.

2. **9A100, Enlisted Airman/Guardian - Disqualified for Reasons Within Control.**
2.1. Use this identifier to report the control and primary AFSCs of an enlisted airman who has lost qualification in a specialty for reasons over which the airman had control, who possesses no other awarded AFSC, and who has been determined eligible for retraining IAW AFMAN 36-2100, *Military Utilization and Classification*.
2.2. Mandatory Requirements for Entry: None. Related DoD Occupational Subgroup: 192000.

3. **9A200, Enlisted Airman/Guardian Awaiting Discharge, Separation, or Retirement for Reasons Within Their Control. (Effective 2 Sep 15).**
3.1. Use this identifier to report the control and primary AFSCs of an enlisted airman who has lost qualification in a specialty, possesses no other awarded AFSC, and:
3.2. Is being processed for involuntary discharge; or
3.3. Has an approved date of discharge, separation, or retirement; or
3.4. Has declined to obtain required retainability for retraining; or
3.5. To report the control and duty AFSCs of an airman who is on leave awaiting appellate review of a court-martial conviction which includes an unsuspended dismissal, dishonorable discharge, or bad conduct discharge (duty status code 52); or
3.6. Lost qualification in a specialty for reasons over which the airman had control; and
3.6.1. Has been determined ineligible for retraining due to retraining not being in the best interest of the Air Force; or
3.6.2. Would otherwise be classified as 9A100, but is temporarily ineligible for retraining IAW AFMAN 36-2100, *Military Utilization and Classification*.
3.7. Mandatory Requirements for Entry: None. Related DoD Occupational Subgroup: 192000.

4. **9A300, Enlisted Airman/Guardian Awaiting Discharge, Separation, or Retirement for Reasons Beyond Their Control. (Effective 2 Sep 15).**
4.1. Use this identifier to report the control and primary AFSCs of an enlisted airman who has lost qualification in a specialty for reasons over which the airman had no control, possesses no other awarded AFSC, and:
4.2. Is being processed for involuntary discharge; or
4.3. Has an approved date of discharge, separation, or retirement; or
4.4. Has declined to obtain required retainability for retraining; or
4.5. Lost qualification in a specialty for reasons over which the airman had no control; and
4.5.1. Has been determined ineligible for retraining due to retraining not being in the best interest of the Air Force, or
4.5.2. Would otherwise be classified as 9A000, but is temporarily ineligible for retraining IAW AFMAN 36-2100, *Military Utilization and Classification*.
4.6. Mandatory Requirements for Entry: None. Related DoD Occupational Subgroup: 192000.

5. **9A400, Disqualified Airman/Guardian, Return to Duty Program**.
5.1. An airman disqualified from all awarded specialties and the Air Force Clemency and Parole Board recommended entrance into the Return to Duty Program (AFI 31-205, *The Air Force Corrections System*).
5.2. Mandatory Requirements for Entry: None. Related DoD Occupational Subgroup: 192000.

6. **9A500, Enlisted Airman/Guardian Temporarily Ineligible for Retraining – Disqualified for Reasons Beyond Control.**
6.1. Use this identifier to report the control and primary AFSCs of an enlisted airman who has lost qualification in a specialty for reasons over which the airman had no control, possesses no other awarded AFSC, and:
6.2. The airman is determined temporarily ineligible for retraining IAW AFMAN 36-2100, *Military Utilization and Classification*, for reasons beyond control, and
6.3. The airman is being medically evaluated for retention (must have reenlistment eligibility code 4K/assignment availability code 37 or otherwise determined medically ineligible for retraining via AF FMs 422 or 1042), or
6.4. Is a second term or career enlisted airman who has an approved date of discharge, separation, or retirement (due to high year of tenure) within 24 months.
6.5. Mandatory Requirements for Entry: None. Related DoD Occupational Subgroup: 192000.

7. **9B000, Senior Enlisted Advisor to the Chairman of the Joint Chiefs of Staff. (Established 31 Oct 22)**
7.1. Use this identifier to report the awarded (primary/2/3/4), control, and duty AFSCs of the individual performing as Senior Enlisted Advisor to the Chairman of the Joint Chiefs of Staff. The Senior Enlisted Advisor to the Chairman of the Joint Chiefs of Staff serves as an advisor to the Chairman on all matters involving joint and combined total force integration, utilization, health of the force, and joint development for enlisted personnel. Related DoD Occupational Subgroup: 152100
7.2. Mandatory Requirements for Entry:
7.2.1. RI requires routine access to Tier 5 (T5) information, systems, or similar classified environments.
7.2.2. See attachment 4 for additional entry requirements.
7.3. For award and retention of RI 9B000:
7.3.1. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.

8. **9B100, Senior Enlisted Advisor to the Chief of the National Guard Bureau (CNGB) (Established 31 Oct 23)**
8.1. Use this identifier to report the awarded (primary/2/3/4), control, and duty AFSCs of the individual performing as Senior Enlisted Advisor to the CNGB. The Senior Enlisted Advisor to the CNGB serves as an advisor to the CNGB on all matters involving joint and combined total force integration, utilization, health of the force, and joint development for enlisted personnel. Related DoD Occupational Subgroup: 152100
8.2. Mandatory Requirements for Entry:
8.2.1. Appointment as the Air Senior Enlisted Advisor to the Chief of the National Guard Bureau position.
8.2.2. RI requires routine access to Tier 5 (T5) information, systems, or similar classified environments.
8.3. For award and retention of RI 9B100:
8.3.1. Awarded upon appointment to the position and retained only while appointed to the position.
8.3.2. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, Air Force Personnel Security Program, is mandatory.

9. **9C000, Chief Master Sergeant of the Air Force.**
9.1. Use this identifier to report the awarded (primary/2/3/4), control, and duty AFSCs of the individual performing as Chief Master Sergeant of the Air Force. The Chief Master Sergeant of the Air Force serves as a member of the Commander-in-Chief's staff to advise and assist in matters concerning Air Force enlisted members. Related DoD Occupational Subgroup: 152100.
9.2. Mandatory Requirements for Entry:
9.2.1. RI requires routine access to Tier 5 (T5) information, systems, or similar classified environments.
9.2.2. See attachment 4 for additional entry requirements.
9.3. For award and retention of RI 9C000,
9.3.1. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.

10. **9C100, Executive Assistant to the Chief Master Sergeant of the Air Force. (Changed 31 Oct 21)**
10.1. Use this identifier to report the awarded, duty and control AFSCs of the individual performing this nominative duty while assigned to the 9C100 UMD authorization. The Executive Assistant (EA) to the Chief Master Sergeant of the Air Force represents and provides the enlisted perspective for CMSAF in the National Capital Region, Joint Staff, Department of Defense, and Air Force meetings, committees, and civic events. The EA manages an eight-member staff and is the lead action officer and principal advisor for issues affecting Total Force enlisted Airmen. Additionally, the EA reviews and provides the enlisted perspective recommendation on all DoD and AF policy; manages and schedules all of CMSAF's speaking activities, legislative meeting, and worldwide base visits. Finally, the EA performs as the liaison with Joint Chiefs of Staff, sister service components, COCOMs, HAF Staff, MAJCOMs, AFPC, all enlisted career field managers and Total Force command chiefs. Related DoD Occupational Subgroup: 152100.
10.2. Mandatory Requirements for Entry:
10.2.1. RI requires routine access to Tier 5 (T5) information, systems, or similar classified environments.
10.2.2. Position open to graduated Command Chief Master Sergeants only.
10.2.3. See attachment 4 for additional entry requirements.
10.3. For award and retention of RI 9C100,
10.3.1. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
***NOTE*:** Airmen performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed [the CAFSC must continue to match their Primary PAFSC].

11. **9D100, AF Developmental Senior Enlisted Positions. (Changed 31 Oct 21)**
11.1. Use this identifier to report the Duty Air Force Specialty Code (DAFSC) of an Airman who is serving in a developmental nominative CMSgt position as determined by the office of the Chief Master Sergeant of the Air Force. Positions include, but are not limited to DAF, SAF, and HAF senior enlisted leader and strategic program lead roles and select commandant positions across the Total Force.
11.2. Mandatory Requirements for Entry:
11.2.1. A graduated Command Chief Master Sergeant or graduated 9D2 as defined by specific position requirements.
11.2.2. Nomination Process: Positions are nominated by Air Force Senior Enlisted Council to the Chief, Chief's Group.
***NOTE*:** Airmen performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed [the CAFSC must continue to match their Primary PAFSC].

12. **9D200 Key Developmental Senior Enlisted Positions (Established 31 Oct 21).**
12.1. Use this identifier to report the Duty Air Force Specialty Code (DAFSC) of an Airman who is serving in a key developmental nominative position as determined by the Chief Master Sergeant of the Air Force to not meet the 9D100 criteria. Positions include but are not limited to senior enlisted leader and strategic program lead roles across the Total Force.
12.2. Mandatory Requirements for Entry:
12.2.1. Positions require one of the following: key leader position as defined by specific position requirements or currently on Reserve Key Personnel List.
12.3. Nomination Process:
12.3.1. Positions and requirements are posted in SLCMS.
NOTE: Airmen performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed [the CAFSC must continue to match their Primary PAFSC].

13. ★**9D300**, **Wing (Wing level) or Headquarter (HQ level) Senior Enlisted Leader. (Established 31 Oct 25)**
13.1. ★Use this identifier to report the awarded (2/3/4), control, and duty AFSCs of Chief Master Sergeants performing full time as a Wing or Headquarters Senior Enlisted Leader. Primary AFSC will only be updated to this RI if the member has no other awarded AFSCs. The Wing or Headquarters Senior Enlisted Leader provides advisement on organizational integration with mission partners for their Wing or Headquarter Commander and Command Chief in organizing, equipping, training, readiness, and interoperability between other mission partners as well subordinate organizations to support the Air and Space Expeditionary Force construct. Manages and directs personnel resource activities under those Deputy Commanders at all levels and personnel and resource matters with the Chief of Staff. Interprets and enforces policies and applicable directives. Establishes control procedures to meet mission goals and standards. Recommends or initiates actions to improve organizational operation efficiency. Resolves issues between subordinate organizations, mission partners and outside agencies.
13.2. ★Mandatory Requirements for Entry: None
13.3. ★Nomination Process:
13.3.1. ★Positions are nominated by Air Force Senior Enlisted Council to the Chief, Chief's Group for Headquarter SEL positions. Command A1Ls will requisition the 9D3s below the Headquarter level.
★**NOTE:** Airmen performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed and will continue to promotion test within their CAFSC (the CAFSC must continue to match their Primary AFSC)

14. **9E000, Command Chief Master Sergeant.**
14.1. Use this identifier to report the awarded (primary/2/3/4), control, and duty AFSCs of an individual performing full time as a Command Chief Master Sergeant adviser. The Command Chief Master Sergeant serves as a member of the commander's staff to advise and assist in matters concerning enlisted members of the command or organization. Related DoD Occupational Subgroup: 152100.
14.2. Mandatory Requirements for Entry:
14.2.1. See attachment 4 for entry requirements.

15. **9E100, Command Chief Executive Assistant. (Established 30 Apr 16).**
15.1. Use this identifier to report the Duty Air Force Specialty Code (DAFSC) of an airman assigned to a valid/funded 9E100 UMD position, at the Wing, Numbered Air Force, Major Command, or Combatant Command level, and performing Executive Assistant duties for a Command Chief Master Sergeant or Senior Enlisted Leader. The Command Chief Master Sergeant or Senior Enlisted Leader must be holding the 9E000 DAFSC and must be assigned to a valid/funded 9E000 UMD position on the same UMD as the 9E100.
NOTE: Airmen performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed and will continue to promotion test within their CAFSC [the CAFSC must continue to match their Primary PAFSC].
15.2. Mandatory Requirements for Entry: None.
***NOTE*:** All 9E100 positions are to be filled strictly via local hire. Equal Plus Ads and Permanent Change of Station (PCS) moves will not be authorized in an effort to fill 9E100 positions. Only eligible personnel, already collocated at an installation with a valid 9E100 position and corresponding 9E000 position, will be considered to fill these positions. Additionally, 9E100s will not accompany their respective Command Chief upon the Command Chief's selection for PCS.

16. **9E200, Individual Mobilization Augmentee to Command Chief Master Sergeant. (Established 31 Oct 19)**

16.1. Use this identifier to report the awarded (primary/2/3/4), control, and duty AFSCs of an Air Force Reserve individual performing as Individual Mobilization Augmentee to Command Chief Master Sergeant. The Individual Mobilization Augmentee to Command Chief Master Sergeant augments the Command Chief Master Sergeant in their role as a member of the commander's staff to advise and assist in matters concerning enlisted members of the command or organization. Related DoD Occupational Subgroup: 152100.

16.2. Mandatory Requirements for Entry:

16.2.1. Must qualify to serve as a Command Chief Master Sergeant, per AFI 36-2109 *CCM Selection Process*. A current Command Chief Master Sergeant candidate can be considered for positions at wing level. A current or former Command Chief Master Sergeant or a current or former Individual Mobilization Augmentee to a Command Chief Master Sergeant for positions assigned above wing level.

17. ★**9F000, First Term Enlisted Course (FTEC) NCOIC (Changed 31 Oct 25).**
17.1. ★Use this identifier to report the duty AFSC of individuals performing full time duties in the First Term Enlisted Course (FTEC). Individuals are responsible for day-to-day operation of the FTEC; managing activities of all assigned enlisted airmen and guardians; coordinating with base staff agencies and units to develop event and training schedules; and transitioning first duty station enlisted personnel from a training to a mission-oriented environment. Do not change an individual's control AFSC when assigned to a 9F000 position. Related DoD Occupational Subgroup: 192000.
NOTE: Use of RI 9F000 on funded UMD positions was discontinued effective 1 April 2012.
17.2. Mandatory Requirements for Entry:
17.2.1. ★No record of disciplinary action that resulted in an Article 15 or Unfavorable Information File for the past three years.
17.2.2. Reference AFI 36-2685, *Total Force Enlisted Development Education*, for additional assignment requirements.
17.2.3. ★Reference attachment 4 for additional entry requirements.
17.2.4. ★No recorded of disciplinary action (Letter of Counseling, Letter of Admonishment, Letter of Reprimand, or Article 15) for engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, Professional and Unprofessional Relationships or documented failures to exercise sound leadership principals.
17.2.5. ★No military disciplinary/corrective action (LOC, LOA, LOR, or Article 15) for sexual related offenses, drug related offenses, larceny/theft/fraud, assault, domestic/child abuse related offenses or repeat offenders for lesser offenses.
17.2.6. ★No convictions by civilian court except for minor traffic violations.
17.2.7. ★ Have excellent counseling and briefing skills. Ability to speak clearly, communicate well with others.
17.3. ★For award and retention of this RI:
17.3.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*
17.4. For retention of this RI:
17.4.1. No record of disciplinary action (LOR or Article 15) or referral evaluation after award of the RI.

18. **9G100, Group Senior Enlisted Leader. (Effective 30 Apr 22)**
18.1. Use this identifier to report the awarded (2/3/4), control, and duty AFSCs of Chief Master Sergeants performing full time as a Group Superintendent. Primary AFSC will only be updated to this RI if the member has no other awarded AFSCs. The Group Superintendent provides leadership and management in organizing, equipping, and training assigned personnel in subordinate squadrons to support the Air and Space Expeditionary Force construct. Manages and directs personnel resource activities. Interprets and enforces policies and applicable directives. Establishes control procedures to meet mission goals and standards. Recommends or initiates actions to improve organizational operation efficiency. Resolves issues between subordinate squadrons, other groups, wing staff, and outside agencies.
18.2. Mandatory Requirements for Entry:
18.2.1. See attachment 4 for entry requirements. Related DoD Occupational Subgroup: 152100.

19. **9H000, Academic Faculty Instructor. (Change Effective 31 Oct 18).**
19.1. Use this identifier to report the duty AFSCs of individuals performing full time duties in an academic faculty role within an accredited institute of higher learning. Individuals are responsible for lesson plan development, instruction, classroom administration, student evaluation and lab supervision. Plans, organizes, teaches & performs assessment for academic core courses. Coordinates with organizational staff agencies to develop and meet academic milestones.
19.2. Mandatory Requirements for Entry:
19.2.1. Rank Requirement - TSgt/MSgt/SMSgt/CMSgt Degree Requirement - Masters/PhD, AFSC - Any can apply pending CFM release.
NOTE: Airmen performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed and will continue to promotion test within their CAFSC (the CAFSC must continue to match their Primary PAFSC).

20. **9H100, White House Communications Agency Technician (WHCA). (Established Effective 31 Oct 22)**
20.1. Use this identifier for individuals performing this nominative duty while assigned to UMD authorization. The White House Communications Agency Positions (WHCA) has a diverse and robust mission in direct support of the President, Vice President, First Lady, United States Secret Service, White House Staff, and other Senior Executives as directed.
20.2. Mandatory Requirements for Entry:
20.2.1. Must be able to obtain TS/SCI with Yankee White Clearance and worldwide qualified to perform duties.
20.2.2. Position open to SrA/SSgt/TSgt
20.2.3. Must be able to obtain 3-year service obligation.
20.3. If selected to participate in the WHCA Travel Mission, TDYs requirements could be 60 to 200 days per year.
20.3.1. Other positions have TDY travel opportunities from 60-125 days per calendar year.
20.3.2. No record of substance abuse, financial irresponsibility, domestic violence, or child abuse.
20.3.3. Have not received nonjudicial punishment under the Uniform Code of Military Justice (UCMJ) within the last 5 years.
20.3.4. Interested candidates should email pd-recruiting@whmo.mil
NOTE: This opportunity is open to all AFSCs

21. **9I000, Futures Airmen (Change Effective 30 Apr 22)**
21.1. Serves to facilitate the innovation processes unique to each organization and move innovative solutions from idea stage to execution. Also applicable to airman assigned to Air Force organizations and entitles specifically focused on Innovation. Works with Airmen with proposed innovative solutions to help define and specify the problem it is solving, gap it is filling, or efficiency it is creating. Connects Airmen with innovative solutions to the right programs and/or processes that will allow for proper testing and refinement before an implementation attempt is made. Develops an implementation strategy alongside the Airmen or organization with the solution. Identifies proper Planning, Programming, and Budgeting
21.2. Execution (PPB&E) process and any additional resourcing mechanisms as a means to limit barriers to the innovation process. Assists Senior Leaders with understanding the various Air Force, DoD and Industry innovation programs, processes, and education available to Airmen. Keeps leadership appraised of how well current innovation projects meet organizational objectives and mission needs. Guides leadership in establishing priorities for innovation. Works with outside organizations to stay abreast of current trends impacting innovation in the workplace. This position is open to E-4 – E-8 from any AFSC and will be filled on a nominative basis. Must coordinate AFSC usage with HAF. CVK (SSG or SI2C [Morpheus]), 9I CFM.
NOTE: Airmen performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed and will continue to promotion test within their CAFSC (the CAFSC must continue to match their Primary PAFSC]. For use with DAFSC and awarded 2/3/4 AFSCs only.)
21.3. Manages the organizations innovation process; in the absence of one creates it
21.4. Understands Air Force and DoD acquisition and budgeting processes
21.5. Touch point for the organization, will help prioritize and direct proposed solutions to the right venue for implementation
21.6. Creates and tracks metrics for each proposed solution that will aid in evaluating success
21.7. Coordinates with Senior Leadership to ensure organizational priorities are reflected in innovation process
21.8. Obtains proper training listed in Job Qualification Standard (JQS) and beyond as needed to meet organizational and mission requirements
21.9. Provides advice and guidance to senior leaders on health of the organizations innovation efforts
21.10. Plans and schedules relevant training for the organization
21.11. Monitors an organizations use of innovation funds to limit duplication of effort and prevent fraud, waste, and abuse.
21.12. Acts as a subject matter expert to the commander for the organization's innovation process.

22. **9J000, Prisoner. (Effective 12 Aug 13)**
22.1. Use this identifier to report the duty AFSC of a prisoner in confinement who has not been dropped from roll. Update CAFSC IAW AFMAN 36-2100, *Military Utilization and Classification*. Determining CAFSC as a Result of Assigning or Withdrawing Awarded CEMs, AFSCs, SDIs, or RIs. Related DoD Occupational Subgroup: 190200.
22.2. Mandatory Requirements for Entry: None.

23. **9L000, Interpreter/Translator. (Changed 31 Oct 23)**
23.1. Use this identifier to report the awarded (primary/2/3/4), control and duty AFSCs of an enlisted airman performing duty as a foreign language interpreter or translator. Related DoD Occupational Subgroup: 124100.
23.2. Mandatory Requirements for Entry:
23.2.1. See attachment 4 for entry requirements.
NOTE: For AETC designated organization, use if this reporting identifier with Prefix T use identifies positions on manpower documents and enlisted airmen serving in, qualified to serve in, or receiving formal instructor training to qualify to serve in formal training instructor positions.

24. **9L100, International Affairs Specialist. (Changed 30 Apr 25)**
24.1. **Specialty Summary**. Use this identifier to report the Duty Air Force Specialty Code (DAFSC) of an enlisted airman or guardian who is performing in International Affairs or Security Cooperation positions. Facilitates development of well-organized, trained, and equipped Ally and Partner forces that are fully interoperable with DAF counterpart through engagements and Force Development activities. The Secretary of the Air Force, International Affairs position, is a nominative position. *NOTE: Airmen performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed and will continue to promotion test in their CAFSC.*
24.2. Mandatory Requirements for Entry:
24.2.1. Must possess a peak aptitude of emotional intelligence in the following key areas: self-awareness, motivation, empathy, and social skills to effectively build strategic relationships and work with key senior foreign military and DoD leaders. Due to the hi-visibility, multinational, and fast-paced working environment; the incumbent must demonstrate a high level of the following qualities: professionalism, verbal and written communication, time management, military bearing, and dress & appearance. Due to the frequency of TDYs and operational requirements, a familial support system and financial stability are required to effectively support the member in performing their duties. Member must possess extensive knowledge of USAF enlisted personnel programs and development initiatives.

24.2.2. Must be serving in the rank of SSgt, TSgt, MSgt, SMSgt or CMSgt. Must currently possess or be eligible for TS/SCI clearance with valid Tier 5 investigation. Newly assigned 9L100 SMSgts require completion of AF SNCO Professional Military Education (or Sister Service equivalent) and Senior Enlisted Joint Professional Military Education II.
24.2.3. Due to requirement for frequent international travel, members will be required to obtain an official passport (or diplomatic passport, if required for assignment) upon selection.
24.3. Duties and Responsibilities:
24.3.1. International Affairs Specialists (no suffix):
24.3.1.1. Performs a variety of functions that primarily involve security cooperation activities.
24.3.1.2. May serve as RI 9L100 Career Field Manager (CFM) or International Affairs Advisor/Portfolio Manager to CMSAF, CMSSF, and SAF/IA.
24.3.2. Air Component Manager (A suffix).
24.3.2.1. Serves as the international affairs enlisted advisor directly to the Air Component Command Chief (CCM) (and/or their delegates) and the A5 Director.
24.3.2.2. Advises Air Component and GCC leaders on matters related to Allied and Partner enlisted forces.
24.3.2.3. Plans, Executes, and/or Participates in international engagements alongside and/or on behalf of the CCM (and their delegates) with Allies and Partners. Develops and manages Ally and Partner SEL contacts and relationships across assigned AOR(s).
24.3.2.4. Liaises between the Air Component, SAF/IA, OCMSAF, OCMSSF, CCMDs, and sister-services on matters related to Allied and Partner Air Force engagements and force development.
24.3.2.5. Advises and assist the 9L100 CFM with the development of policy and procedure for the career field.
24.3.2.6. Senior IAS performs duties as the Functional Area Manager for the 9L100 RI, as determined by the DAF 9L100 CFM.
24.3.3. Tactical Specialist (B suffix).
24.3.3.1. Performs a variety of functions that primarily involve security cooperation activities directly interacting with international militaries, such as Air Advisor or Interpreter/Translator.
24.3.4. Institutional Specialist (C suffix).
24.3.4.1. Performs a variety of functions that primarily involve security cooperation activities focused on education and training of international military members.
24.3.4.2. IAS Institutional Specialists operating at the AETC or AFSAT staff may:
24.3.4.2.1. Serve as the international affairs enlisted advisor directly to the MAJCOM CCM and A5 Director.
24.3.4.2.2. Advise Air Component IASs and SAF/IA on matters related to Allied and Partner education and training.
24.3.4.2.3. Coordinate, execute, and participate in relevant international engagements.
24.3.4.2.4. Advise and assist the 9L100 CFM with the development of policy and procedure for the career field.
24.3.4.2.5. Perform duties as the MAJCOM Functional Manager for the 9L100 RI, as determined by the DAF 9L100 CFM.
24.3.5. Embassy Specialist (D Suffix).
24.3.5.1. Performs a variety of functions that primarily involve security cooperation activities in support of the mission of a US Embassy.
24.4. Qualifications for Retention of RI 9L100:
24.4.1. Training.
24.4.1.1. For retention of the RI 9L100, Airmen are required to complete their prescribed level of Defense Security Cooperation Agency's (DSCA) Certification within one year of assignment. Any Airmen without a successfully completed DSCA certification after 12 months of entry will be considered for return to primary AFSC, retraining, or separation. Additional training requirements will be established and mandated per the CFETP.

24.5. **Specialty Shredouts:**

Suffix	*Portion of RI to Which Related*
A	Air Component Manager
B	Tactical Specialist
C	Institutional Specialist
D	Embassy Specialist

25. **9M000, Military Entrance Processing Command (MEPCOM) Senior Enlisted Advisor. (Changed 31 Oct 15)**
25.1. Use this identifier to report the Duty Air Force Specialty Code (DAFSC) of an airman who is performing as a Senior Enlisted Advisor at a MEPCON.
NOTE: Airmen performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed and will continue to promotion test in their CAFSC.
25.2. Mandatory Requirements for Entry:
25.2.1. Airman from any AFSC serving in the rank of SMSgt. Completion of AF SNCO Professional Military Education and Senior Enlisted Joint Professional Military Education.

26. **9M200, International Health Specialists (IHS). (Changed 30 Apr 24)** Use this identifier to report the Duty Air Force Specialty Code (DAFSC) of an enlisted airman who is performing as an International Health Specialist at the Numbered Air Force (NAF) or above. Airmen performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed and will continue to promotion test in their CAFSC.
26.1. Mandatory Requirements for entry: Airman from any Medical (4XXXX) AFSC, who possess a 7 or 9 level and hold a Special Experience Identifier (SEI) 451 – Familiarized International Health Specialist (IHS), 452 – Enabled International Health Specialist (IHS) or 457 – Senior Global International Health Specialist (IHS). See section III-A for additional information on requirements for the IHS SEI.

27. ★**9M400, Chief, Medical Enlisted Force (CMEF), Senior Enlisted Leader and/or Senior Enlisted Advisor (SEA)(Changed 31 Oct 25)**
27.1. ★Use this identifier to report the awarded (2AFSC, 3AFSC or 4AFSC—not PAFSC), control, and duty AFSCs of Chief Master Sergeants (CMSgt) assigned to valid funded unit manpower document-coded 9M400 CMEF, SEL and SEA authorizations. The CMEF and SEA are appointed as the senior enlisted advisor to the Headquarter Air Force (HAF)/Joint Staff/Major Command (MAJCOM) Surgeon. The SELs are appointed as the senior enlisted leader to the Air Force Medical Command (AFMEDCOM) Chief of Staff/SGMED, Defense Health Agency J 3/5/7 Director and Medical Wing Commanders, providing expert consultative leadership on all enlisted matters. Leads network of medical CMSgts in organizing, training, and equipping. Serves as primary medical liaison to MAJCOM Command Chief, Directorate Chiefs and Medical Readiness Command (MRC) Command Chiefs to support mission requirements and development of medical policies procedures and directives. Consults with AFMEDCOM/A3, MAJCOM/C-NAF SGX and MRC/A3 on deployment readiness, unit type code and Air Expeditionary Force posturing in support of Combatant Commanders and Air Force (AF) deployment taskings. Participates in development and execution of Air Force Medical Service Planning, Programming and Budgeting. Senior enlisted MAJCOM medical advocate for staffing requirements and initiatives. Partners with MAJCOM/A1 and AFMEDCOM to validate enlisted authorizations. Coordinates with MAJCOM/A1, Air Force Personnel Center, medical Career Field Managers, MAJCOM Functional Managers, and Medical Group SELs on enlisted manpower and personnel management matters (CMSgt Grade Review, Career Progression Group, assignments, command leveling, etc.). Oversees human capital development of enlisted Airmen through medical enlisted specialty training (initial skills, upgrade, on-the-job), readiness skills verification training programs and enlisted force development, ensuring proficiency and mission-readiness. Champions enlisted recognition programs for Air Force Medical Service and MAJCOM. Applies to Chief Master Sergeants in awarded Chief Enlisted Manager medical AFSCs of: 4A000, Health Services Management; 4A100, Medical Materiel; 4A200, Biomedical Equipment; 4B000, Bioenvironmental Engineering; 4C000, Mental Health Services; 4D000, Diet Therapy; 4E000, Public Health; 4H000, Respiratory Care Practitioner; 4J000, Physical Medicine; 4N000, Aerospace Medical Service; 4P000, Pharmacy; 4R000, Diagnostic Imaging; 4T000, Medical Laboratory; 4V000, Optometry or 4Y000, Dental Assistant only.
27.2. ★Mandatory Requirements for Entry:
27.2.1. ★See attachment 4 for additional entry requirements. Related DoD Occupational Subgroup: 152100.

28. **9N000, Secretary of the Air Force Enlisted Legislative Fellows. (Changed 30 Apr 24)** Use this identifier to report the Duty Air Force Specialty Code (DAFSC) of an Airman who is serving in a nominative position performing duties as an AF Legislative Fellow. ***Airmen performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed and will continue to promotion test in their CAFSC.***

This program offers an opportunity to gain an enhanced understanding of the operations and functions of the legislative branch of the U.S. Government. Fellows receive instruction through the Government Affairs Institute at Georgetown University and hands-on experience in a full-time assignment on a Senator's or Representative of the U.S. Congress' staff in Washington, D.C. The typical responsibilities of fellows include drafting legislation, crafting vote recommendations, floor debate preparation, planning, research and analysis of public policy, and serving as congressional liaisons to constituents and industry.

Mandatory Requirements for Entry: Serving in the rank of MSgt or SMSgt and selects. (any AFSC). Completion of AF SNCO Professional Military Education, Senior Enlisted Joint Professional Military Education, bachelor's degree (any field of study). Must have no more than 18 years of time-in-service (TIS) at close out of advertisement, no history of derogatory information on file within the last five years and must commit to three-year controlled tour if selected.

29. ★**9N200, DAF World Class Athlete Program (WCAP)**
29.1. ★**Special Duty Summary**. Develops elite Airmen/Guardian athletes to prepare them to successfully qualify for the USA National Team to compete in the Summer or Winter Olympics.

29.2. ★**Duties and Responsibilities:**
29.2.1. ★Trains full-time for three years at a training location that affords the Airmen/Guardian athletes the most competitive advantage to qualify for the Olympic team within the members respective sports.
29.2.2. ★Conducts training clinics and briefings for Airmen/Guardians, their families and the local community educating them on the DAF WCAP and the importance of resiliency and readiness in the DAF.
29.2.3. ★Maintain Department of the Air Force (DAF) standards while competing in events as stated in DAFI 36-2903, Dress and Personal Appearance of Department of the Air Force Personnel.
29.2.4. ★Completes all required annual ancillary and/or readiness training CBTs.
29.2.5. ★Collaborate with local DAF recruiters on a quarterly basis to provide support and assistance with recruiting activities.
29.3. ★**Specialty Qualifications:**
29.3.1. ★Knowledge. Not used.
29.3.2. ★Education. For entry into this RI, completion of high school or general educational equivalency is mandatory.
29.3.3. ★Training. Not used.
29.3.4. ★Experience. Must meet or exceed DAF WCAP entry standards to be considered for the program. Standards can be found at https://myairforcelife.com/air-force-wcap/

30. **9P000, Patient.**
30.1. Use this identifier to report the duty AFSC of an enlisted airman/guardian assigned to a hospital in patient pipeline status. Do not change the control or awarded AFSCs. Related DoD Occupational Subgroup: 190100.
30.2. Mandatory Requirements for Entry: None.

31. **9Q000, Reserve Force Generation and Oversight NCO. (Established 30 Apr 20)**
31.1. Use this identifier to report the awarded (primary/2/3/4), control, and duty AFSCs of Selected Reserve enlisted members assigned to the Air Force Reserve Command (AFRC) Force Generation Center (FGC) and accomplishing its mission to synchronize the employment and provide visibility of Air Force Reserve combat-ready forces when other AFSCs are not more appropriate. Certain AFRC FGC positions require knowledge that may not be specific to a career field (e.g., operations knowledge not specific to any 1XXXX AFSC).

32. **9R000, Civil Air Patrol (CAP)-USAF Reserve Assistance NCO.**
32.1. Use this identifier to report the awarded (primary/2/3/4), control, and duty AFSCs of Individual Ready Reserve enlisted members assigned duty to assist in mission accomplishment of military oversight and guidance to the Civil Air Patrol. Related DoD Occupational Subgroup: 155600.
32.2. Mandatory Requirements for Entry: None

33. ★**9S100, Scientific Applications Specialist (Changed 31 Oct 25).**
33.1. **Specialty Summary.** Solves intelligence, surveillance, and reconnaissance (ISR) problems through applied science. Utilizes foundational physics, chemistry, math, data analytic, engineering, and technical knowledge & skills to resolve problem sets and seek innovative solutions. Performs scientific and technical research, development, specialized data analysis and maintains unique scientific equipment supporting ISR operations, logistics, research, and other functions. This specialty performs data collection, analysis, observation, acquisition, maintenance, laboratory functions, and fielding of prototype and operational sensors. These sensors include but are not limited to the following: specialized geophysical, nuclear radiation, radiochemical, electro- optical, radio frequency, infrared, and radar systems on fixed, deployable, airborne, orbital, and experimental collection platforms. Related DoD Occupational Subgroup: 149600.
33.2. **Duties and Responsibilities:**
33.2.1. **Research and Development.** Conducts research, development, prototyping, testing, and evaluation of new techniques to support rapid capability and technological advancement. Researches, plans, and designs new sensors, systems, and procedures for laboratory and field operations. Develops prototype sensors and applications to support innovation and future operations.
33.2.2. **Data Analysis.** Discovers actionable information and supports decision-making through analysis of structured and unstructured data from multiple sources, including sensors, scientific instruments, and laboratories. Uses software tools to perform data retrieval, processing, exploration, manipulation, and target-of-interest identification. Interprets analytical findings, produces technical reports and data visualizations to identify anomalies, risks, opportunities, and trends.
33.2.3. **Equipment Maintenance.** Supports scientific measurement and data collection by operating and maintaining sensitive instruments, airborne collection systems, sensors, and networks in field, depot, and laboratory environments. Installs, configures, monitors, inspects, and repairs equipment to sustain operations and develop new procedures and techniques. Diagnoses, troubleshoots, and repairs mechanical faults, electronic components, and system subassemblies. Modifies hardware and software systems to support mission innovation and discover new operations and methods.
33.3. **Qualifications for Award and Retention of RI 9S100:**
33.3.1. Training. For award of RI 9S100, completion of the Scientific Application Fundamentals Course and one initial skills course is mandatory. For Award of RI 9S100D, completion of Applied Data Analytics course and Analytics Vector from the Enlisted Developmental Team or approval of the Career Field Manager is mandatory.
33.3.2. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
33.3.3. See attachment 4 for additional entry requirements.
33.3.4. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.
33.3.5. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, Air Force Personnel Security Program, is mandatory.
33.3.6. When required for a current or future assignment, must successfully complete a Counter- Intelligence (CI) polygraph examination and meet all customer access eligibility requirements. Airmen unable to access mission, systems and/or facilities after 12 months of investigation/security screening should be considered for change of assignment, retraining or separation. ***NOTE*:** Initial attendance in 9S100 RI awarding course without a completed T5 is authorized, provided that interim Sensitive Compartmented Information (SCI) eligibility has been granted IAW AFMAN 16-1405 and Intelligence Community Directive (ICD) 704. Airmen who cannot obtain at least an interim SCI in advance of their programmed class graduation are not eligible for entry into the RI.
33.3.7. Any Airmen without a completed T5 after 12 months of investigation/security screening will be considered for retraining or separation.

33.4. ★**Specialty Shredouts:**

Suffix	*Portion of RI to Which Related*
D	★ISR Applied Data Science

34. **9T000, Basic Enlisted Airman.**
34.1. Use this identifier to report the primary, control, and duty AFSCs of an enlisted airman who has not been awarded an AFS and to report the duty of an enlisted airman attending basic training. Related DoD Occupational Subgroup: 195000.
34.2. Mandatory Requirements for Entry: None.

35. **9T100, Officer Trainee.**
35.1. Use this identifier to report the control and duty AFSCs of an airman attending Officer Training School, the Airman Education and Commissioning Program, Technical Degree Sponsorship Program or Phases I and II of the Physician Assistant Training Program. Related DoD Occupational Subgroup: 191100.
35.2. Mandatory Requirements for Entry: None.

36. **9T200, Precadet Assignee.**
36.1. Use this identifier to report the duty AFSC of an airman who is assigned duty as a precadet assignee. Related DoD Occupational Subgroup: 191100.
36.2. Mandatory Requirements for Entry: None.

37. **9T400, AFIT/EWI Enlisted Students. (Changed 31 Oct 17)**
37.1. Use this identifier to report the duty AFSC of an airman who is assigned duty in technical degree sponsorship programs. Related DoD Occupational Subgroup: 191100.
37.2. Mandatory Requirements for Entry: None.
NOTE: Change the duty AFSC only. CAFSC will remain unchanged for duration of training.

38. ★**9T500, Basic Special Warfare Enlisted Airman. (Changed 31 Oct 25)**
38.1. Use this identifier to report the primary, control, and duty AFSCs of a special warfare enlisted airman who has not been awarded an AFS and to report the duty of an enlisted airman attending basic training and Special Warfare course of initial entry as applicable. Related DoD Occupational Subgroup: 195000.
38.2. Mandatory Requirements for Entry:
38.2.1. Possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Ground Transportation.*
38.2.2. Meet qualification standards to bear firearms IAW AFI 31117, *Arming and Use of Force by Air Force Personnel*, AFI 36- 2654, *Combat Arms Program*, and DAFMAN 36-2655, *USAF Small Arms and Light Weapons Qualification Programs*.
38.2.3. Must be a volunteer for AFSPECWAR Duties.
38.2.4. Physical Requirements:
38.2.4.1. Corrected near and distant vision 20/20 or better. Uncorrected Distant Vision 20/100 or better. EXCEPTION: Members with Uncorrected Distant Vision between 20/100 and 20/1000 will be permitted to enter 9T500 but will be limited to the 1Z3xx Air Force Specialty.
38.2.4.2. Meet all physical qualification for Air Force Special Warfare (AFSPECWAR) as outlined in DAFMAN 48-123, *Medical Examinations and Standards,* and the accompanying Medical Standards Directory (MSD), Special Warfare column, and physical qualifications for entry into DAF and sister service schools such as Army Airborne, Freefall, and Navy Dive, as applicable, (unless a waiver is granted by Army or Navy authorities). Candidates unable to meet this requirement will be reclassified out of AFSPECWAR or separated per the needs of the Air Force.
38.2.4.3. Depth perception, color vision and uncorrected near vision will not be evaluated for initial classification.
38.2.4.4. Successful completion of the AFSPECWAR Initial Fitness Test (IFT) within 60 calendar days before entering active duty or prior to reclassification from another AFSC or Reporting Identifier while attending BMT.
38.2.4.5. ★A Passing IFT score for 9T500/SWOE-V to ship to BMT will be consistent with the most demanding score of any eligible 1ZX Career Field to ensure eligibility for vectoring into any available vacancy. (i.e. Swim time will be 12:30 to qualify if there is a discrepancy between 15:00 for 9T500/SWOE-V and 12:30 for 1ZX/GTEP)
38.2.5. Ability to successfully complete a T3 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* as applicable to 1Zxxx specialties.
38.2.6. See attachment 4 for additional entry requirements.

39. **9U000, Enlisted Airman/Guardian Ineligible for Local Utilization.**
39.1. Use this identifier to report the control AFSC of an individual who has been determined ineligible to perform duty in an awarded AFSC at the current duty location and has been approved by HQ AFPC, Airman Assignments (DPAA), for retraining as a surplus airman. Only HQ AFPC/DPAA will update RI 9U000 in the personnel data system. Related DoD Occupational Subgroup: 192000.
39.2. Mandatory Requirements for Entry: None.

40. **9U100, Unallotted Enlisted Authorization. (Change Effective 23 Jul 14)**
40.1. This reporting identifier will be used to identify enlisted AEF/TDY requirements in JOPES and DCAPES that do not require a specific AFSC, however will not be used to identify any 365-day Extended Deployment requirements. In addition, this RI is not authorized for use as an authorized AFSC on a unit manpower document position. This RI is not eligible for award as P/2/3/4 AFSC or DAFSC under any circumstance. Related DoD Occupational Subgroup: 195000.
40.2. Mandatory Requirements for Entry: None.

41. **9V000, Key Developmental Joint Senior Enlisted Position. (Established effective 31 Oct 21).**
41.1. Use this identifier to report the Duty Identifier Specialty Code (DAFSC) of an Airman assigned to a valid/funded Joint Table of Distribution (JTD) that has been identified by the MAJCOM A-1 as a key joint senior enlisted developmental position. These positions may reside in Geographical Combatant Commands, Functional Combatant Commands, or Unified Combatant Commands. The positions may reside within the assigned Staffs, and or operational units. These positions will be identified as key positions that provide SNCO's the ability to develop, learn and lead inside the joint community. Additionally, they will be a critical interlink between the joint community and the associated MAJCOM that provides the preponderance of support to the specific joint command. These positions will serve to develop SNCO's for future Joint enlisted leadership positions. The number of positions will be less than 200. The establishment of this AFSC will mitigate an identified gap in Joint enlisted leadership development. This AFSC is directly in line with the CJCS Vision - Developing Enlisted Leaders for Tomorrow's Wars, specifically "Innovate for Jointness in Our Personnel Systems". The execution of the 9V Special Duty Identifier will have a profound impact on streamlining the identification, development, and utilization of enlisted members to the joint force. This will dramatically improve the alignment of education and employment of the next generation of joint enlisted leaders. The establishment of the 9V will be man-power neutral. It will take already established AF joint enlisted billets and

methodically transition only those identified as critical to Joint development and convert them to a 9V position. The security requirements will be dependent on the position identified on the JTD. There are no other additional security requirements required for the 9V identifier. ***NOTE: Airmen performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed and will continue to promotion test within their CAFSC (the CAFSC must continue to match their Primary PAFSC)***

42. **9V100, Executive Assistant to the Senior Enlisted Advisor to the Chairman of the Joint Chiefs of Staff. (Established 31 Oct 22)**
42.1. Use this identifier to report the awarded, duty and control AFSCs of the individual performing this nominative duty while assigned to the 9V100 UMD authorization. The Executive Assistant (EA) to the Senior Enlisted Advisor to the Chairman of the Joint Chiefs of Staff represents and provides the enlisted perspective for SEAC in the National Capital Region, Joint Staff, Department of Defense, committees, and civic events. The EA manages staff and is the lead action officer and principal advisor for issues affecting enlisted Airmen, Sailors, Soldiers, and Marines. Additionally, the EA reviews and provides the enlisted perspective recommendation on all DoD policy; manages and schedules all of SEAC's speaking activities, legislative meeting, and worldwide base visits. Finally, the EA performs as the liaison with Joint Chiefs of Staff, sister service components, COCOMs, HAF Staff, MAJCOMs, AFPC, all enlisted career field managers and Total Force command chiefs. Related DoD Occupational Subgroup: 152100.
42.2. Mandatory Requirements for Entry:
42.3. RI requires routine access to Tier 5 (T5) information, systems, or similar classified environments.
42.3.1. See attachment 4 for additional entry requirements.
42.3.2. For award and retention of RI 9V100.
42.3.3. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory
NOTE: Airmen performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed and will continue to promotion test within their CAFSC (the CAFSC must continue to match their Primary PAFSC)

43. **9W000, Combat Wounded Warrior. (Change to description only effective 11 May 15).**
43.1. Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to the 2AFSC/3AFSC/4AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC, DAFSC or CAFSC for any reason. If the wounded warrior has been disqualified from all awarded AFSCs through the AFSC Disqualification process (AFMAN 36-2100) the PAFSC will be the appropriate disqualified airman RI (9AXXX) following disqualification approval by AFPC/DPSIC. DoD Occupational Subgroup: 192000.

44. **9W100, Reserved for Future Use. (Change effective 11 May 15).**
44.1. Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to the 2AFSC/3AFSC/4AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC, DAFSC or CAFSC for any reason. If the wounded warrior has been disqualified from all awarded AFSCs through the AFSC Disqualification process (AFMAN 36-2100) the PAFSC will be the appropriate disqualified airman RI (9AXXX) following disqualification approval by AFPC/DPSIC. DoD Occupational Subgroup: 192000.

45. **9W200, Combat Wounded Warrior with Exemptions. (Change to description only effective 11 May 15).**
45.1. Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to the 2AFSC/3AFSC/4AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC, DAFSC or CAFSC for any reason. If the wounded warrior has been disqualified from all awarded AFSCs through the AFSC Disqualification process (AFMAN 36-2100) the PAFSC will be the appropriate disqualified airman RI (9AXXX) following disqualification approval by AFPC/DPSIC. DoD Occupational Subgroup: 192000.

46. **9W300, Non-Combat Wounded Warrior. (Change to description only effective 11 May 15).**
46.1. Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to the 2AFSC/3AFSC/4AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC, DAFSC or CAFSC for any reason. If the wounded warrior has been disqualified from all awarded AFSCs through the AFSC Disqualification process (AFMAN 36-2100) the PAFSC will be the appropriate disqualified airman RI (9AXXX) following disqualification approval by AFPC/DPSIC. DoD Occupational Subgroup: 192000.

47. **9W400, Wounded Warrior – Limited Assignment Status (LAS). (Change effective 11 May 15).**
47.1. Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to the 2AFSC/3AFSC/4AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC, DAFSC or CAFSC for any reason. If the wounded warrior has been disqualified from all awarded AFSCs through the AFSC Disqualification process (AFMAN 36-2100) the PAFSC will be the appropriate disqualified airman RI (9AXXX) following disqualification approval by AFPC/DPSIC. DoD Occupational Subgroup: 192000.

48. **9W500, Reserved for Future Use. (Change effective 11 May 15).**
48.1. Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to the 2AFSC/3AFSC/4AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC, DAFSC or CAFSC for any reason. If the wounded warrior has been disqualified from all awarded AFSCs through the AFSC Disqualification process (AFMAN 36-2100) the PAFSC will be the appropriate disqualified airman RI (9AXXX) following disqualification approval by AFPC/DPSIC. DoD Occupational Subgroup: 192000.

49. **9W600, Reserved for Future Use. (Change effective 11 May 15).**
49.1. Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to the 2AFSC/3AFSC/4AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC, DAFSC or CAFSC for any reason. If the wounded warrior has been disqualified from all awarded AFSCs through the AFSC Disqualification process (AFMAN 36-2100) the PAFSC will be the appropriate disqualified airman RI (9AXXX) following disqualification approval by AFPC/DPSIC. DoD Occupational Subgroup: 192000.

50. **9W700, Reserved for Future Use. (Change effective 11 May 15).**
50.1. Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to the 2AFSC/3AFSC/4AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC, DAFSC or CAFSC for any reason. If the wounded warrior has been disqualified from all awarded AFSCs through the AFSC Disqualification process (AFMAN 36-2100) the PAFSC will be the appropriate disqualified airman RI (9AXXX) following disqualification approval by AFPC/DPSIC. DoD Occupational Subgroup: 192000.

51. **9W800, Wounded Warrior – Ambassador. (Changed 31 Oct 19).**
51.1. The designation of this RI is provided solely for the purpose of identifying wounded, ill or injured Airmen who have met the rigid criteria to perform as Air Force Wounded Warrior Program
51.2. Ambassadors. For update purposes, Update to the 2AFSC/3AFSC/4AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC, DAFSC or CAFSC for any reason.
***NOTE*:** Only AFW2 Program office is authorized to update 9W reporting identifiers. DoD Occupational Subgroup: 192000.

52. **9W900, Wounded Warrior – Project Planner/Officer. (Changed 31 Oct 19).**
52.1. The designation of this RI is provided solely for the purpose of the Air Force Wounded Warrior Program in identifying trained project planners and/or officers to assist with the Program's objectives. For update purposes, Update to the 2AFSC/3AFSC/4AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC, DAFSC or CAFSC for any reason.
***NOTE*:** Only AFW2 Program office is authorized to update 9W reporting identifiers. DoD Occupational Subgroup: 192000.

53. **9Y000, Air Force Parachute Team (AFPT) Instructor. (Established 30 Apr 23).**
53.1. Use this identifier to report the duty AFSCs of individuals performing full-time duties as Air Force Parachute Team (AFPT) "Wings of Blue" instructors. Individuals are responsible for managing and instructing one or more of the following AFPT programs at the US Air Force Academy (USAFA): Basic Freefall Course, Advanced Freefall Course, AFPT Competition Team, and AFPT Demonstration Team. Furthermore, individuals are responsible for mentoring and developing USAFA cadets assigned to the AFPT as well as USAFA and ROTC basic freefall students.
53.2. <u>Mandatory Requirements for Entry:</u>
53.2.1. Any AFSC may apply.
53.2.2. Applicants must have less than 16 years TIS and the ability to garner 48 months retainability.
53.2.3. Applicants are required to have a current United States Parachute Association (USPA) C license, or 200 military freefall parachute jumps and a USPA coach rating.
53.2.4. Members must possess a current Medical Recommendation for Flying Physical (DD Form 2992).
53.2.5. Additional requirements can be found in the SPECAT Guide.
53.3. <u>Desired Qualification for Entry:</u>
53.3.1. USPA AFF Instructor rating
53.3.2. USPA Tandem Instructor rating
53.3.3. USPA PRO rating
***NOTE*:** Airmen performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed and will continue to promotion test within their CAFSC; the CAFSC must continue to match the Primary PAFSC.

54. **9Z000, Special Warfare Mission Support (SWMS) Career Field Manager (CFM) on Headquarters Air Force Staff, Air Force Special Warfare Division. (Changed 31 Oct 21).**
54.1. Use this identifier to report the awarded (2AFSC, 3AFSC, or 4AFSC – not PAFSC), control and duty AFSCs of CMSgts who are serving in these nominative positions performing full time duties as the HAF SWMS Career Field Manager. The SWMS CFM is the senior enlisted advisor to the Headquarters Air Force (HAF) Air Force Special Warfare (AFSPECWAR) Functional Manager providing expert consultative leadership on all Special Warfare Mission Support (SWMS) enlisted matters. Serving as the SWMS representatives in the AFSPECWAR division, the HAF SWMS CFM networks with the AFSPECWAR Career Field Managers (CFM) of: 19Z3A, Special Tactics Officer; 19Z3C, Combat Rescue Officer; 19Z3B, Tactical Air Control Party Officer; 1Z1X1, Pararescue; 1Z2X1, Combat Control; 1Z3X1, Tactical Air Control Party (TACP); 1Z4X1, Special Reconnaissance; and 1T0XX, Survival, Evasion, Resistance, and Escape (SERE), to advocate for the 21 SWMS AFSCs in all matters, staffing requirements and initiatives regarding AFSPECWAR. Participates in development and execution of AFSPECWAR Planning, Programming and Budgeting. Partners with HAF/A1 and the Air Force Personnel and Manpower Agency to validate enlisted authorizations. Coordinates with HAF/A1, Air Force Personnel Center, assigned support AFSC Career Field Managers, MAJCOM Functional Managers, and Superintendents on enlisted manpower and personnel management matters (i.e., SWMS Wing and Squadron Superintendent Selections, Career Progression Group, assignments, training, etc.). Oversees human capital development of enlisted Airmen through AFSPECWAR SWMS enlisted combat mission readiness training, readiness skills verification training programs and enlisted force development, ensuring proficiency and mission-readiness. Champions enlisted recognition programs for the assigned Air Force SWMS personnel.
54.2. Mandatory Requirements for Entry:
54.2.1. Must hold one of the following AFSC's: 1C000, 1C500, 1D700, 1N000, 1P000, 2G000, 2T200, 2T300, 3E000, 3E900, 3F000,
54.2.2. 3F500, 3P000, and 4A000.
54.2.3. Serving in the rank of CMSgt or CMSgt-select.
54.2.4. Must currently possess or be eligible for TS/SCI clearance.
54.2.5. Prior assignments in: Special Tactics, Guardian Angel, Tactical Air Control Party, or any Air Force Special Warfare units are required.
54.2.6. Prior experience of: Higher Headquarter or Staff Level, Group and Squadron Superintendent or equivalent level experience.
54.3. Desired Qualifications for Entry:
54.3.1. Completion of Chief Leadership Course, Senior Enlisted Joint Professional Military Education I and II, and bachelor's degree prior to reporting.

55. ★**9Z100, Special Warfare Mission Support (SWMS) Senior Enlisted Leader, Air Force Special Warfare (AFSPECWAR). (Changed 31 Oct 25).**
55.1. Use this identifier to report the awarded (2AFSC, 3AFSC, or 4AFSC – not PAFSC), control and duty AFSCs of CMSgt who is serving in these nominative position performing full time duties as the SWMS Senior Enlisted Leader. The SWMS Senior Enlisted Leader ensures personnel equity over all support AFSCs and provides leadership and management in organizing, equipping, and training assigned personnel in their respective organizations to support the Air Force Special Warfare construct.
55.2. Participates in development and execution of MAJCOM/Wing/Group AFSPECWAR Planning, Programming and Budgeting. Senior advisor to Headquarters Air Force (HAF) Special Warfare Mission Support (SWMS) Career Field Manager (CFM) for Wing staffing requirements and initiatives. Coordinates with HAF A3TS, Air Force Personnel Center, Control Air Force Specialty Code (CAFSC) MAJCOM Functional Managers, Wing Commander, and Group/Squadron Superintendents on enlisted manpower and personnel management matters (SWMS Superintendent Selections, Career Progression Group, assignments, training, etc.). Interprets and enforces policies and applicable directives. Establishes support procedures to meet mission goals and standards. Recommends or initiates actions to improve mission support operation efficiency. Represents and provides enlisted perspective for assigned support AFSCs and channels these issues to the Headquarter Air Force (HAF) SWMS CFM. Resolves issues between subordinates in their respective organizations. Performs Contracting Officer Representative (COR) duties (Performance Work Statements, Acquisition Strategy, Anti-Terrorism/Force Protection coordination, Request for Service Contract (RSCA) approval forms, Visitor Service Agreements, DD254's – Contract Security Classification, etc.) for contract services as applicable (Example: HPP, Dive Locker, Vehicles, etc.). Oversees human capital development of enlisted Airmen through SWMS MAJCOM Initial Special Operations Forces (ISOF) training, readiness skills verification training programs, enlisted force development, and ensuring proficiency and mission- readiness. Champions MAJCOM enlisted recognition programs for the assigned Air Force Special Warfare SWMS personnel.
55.3. Mandatory Requirements for Entry:
55.3.1. Must hold one of the following AFSC's: 1C000, 1C500, 1D700, 1N000, 1P000, 2G000, 2T200, 2T300, 3E000, 3E900, 3F000,
55.3.2. ★3F500, 3P000, and 4A000 (ANG Only: 9 skill levels in the listed AFSCs are a suitable substitute)
55.3.3. ★Serving in the rank of CMSgt or CMSgt-select (ANG Only: SMSgt or CMSgt)
55.3.4. Must currently possess or be eligible for TS/SCI Clearance.
55.3.5. Prior assignments in: Special Tactics, Guardian Angel, Tactical Air Control Party, or any Air Force Special Warfare units are required.
55.4. Desired Qualifications for Entry:
55.4.1. Completion of Chief Leadership Course, Senior Enlisted Joint Professional Military Education I and II, and bachelor's degree prior to reporting.

56. **9Z200, Special Warfare Mission Support (SWMS) Superintendent, Air Force Special Warfare (AFSPECWAR). (Changed 31 Oct 24).**

56.1. Use this identifier to report the awarded (2AFSC, 3AFSC, or 4AFSC – not PAFSC), control and duty AFSCs of an airman who is performing as SWMS Superintendent at a Guardian Angel, Special Tactics, Special Warfare Training, or Air Support Operation Squadron or assigned unit. **NOTE:** Active Duty 1P0X1 airman will only have their awarded (2AFSC, 3AFSC or 4AFSC – not PAFSC) and duty AFSC updated, not their CAFSC. The SWMS Superintendent ensures personnel equity of various support AFSCs and provides leadership and management in organizing, equipping, and training assigned personnel in their respective organizations to support the Air Force Special Warfare construct. Conducts specialized training, equipping, and procedures associated with all assigned support AFSC. Attends to leadership challenges in training, testing, techniques, and procedures in the joint and/or combined communities. Manages and directs personnel resource activities. Interprets and enforces policies and applicable directives. Establishes support procedures to meet mission goals and standards. Recommends or initiates actions to improve mission support operation efficiency. Represents and provides enlisted perspective for assigned support AFSCs and channels these issues to the Wing (MAJCOM) SWMS 9Z100. Coordinates with Group or Wing SWMS, Air Force Personnel Center, and Group/Squadron Superintendents on SWMS enlisted manpower and personnel management matters (SWMS assignment selections, career progression, training, etc.). Resolves issues between subordinates in their respective organizations.

56.2. Mandatory Requirements for Entry:

56.2.1. Must hold one of the following AFSC's: 1C0X2, 1C5X1, 1D7XX, 1N0X1, 1N1X1, 1N490, 1P0X1, 2G0X1, 2S0X1, 2T2X1, 2T3X0, 3E0X2, 3E1X1, 3E9X1, 3F0X1, 3F5X1, 3P0X1, and 4A1X1.

56.2.2. Serving in the rank of SMSgt and MSgt.

56.2.3. Must currently possess or be eligible for TS/SCI clearance.

56.2.4. Prior experience in: Special Tactics, Guardian Angel, Tactical Air Control Party, or any Air Force Special units are required.

56.3. Desired Qualifications for Entry:

56.3.1. Completion of Air Force Senior Noncommissioned Officer Academy or equivalent Sister Service Enlisted Professional Military Education and Senior Enlisted Joint Professional Military Education I prior to reporting.

56.3.2. Prefer working knowledge of some or all personnel programs, equipment management, manpower and finance.

SPACE FORCE SPECIALTY CODES (SFSC)
Introduction
(Created 31 Oct 23)

The following descriptions and specialty codes are specific to the United States Space Force.

CEM Code 5Z900

Space Operations Chief Enlisted Manager (USSF Only)
(Established 31 Oct 21)

1. **Specialty Summary.** Advises on, leads, and manages duties to develop, sustain, and enhance space capabilities to defend national interests from attack and to create effects in the space domain to achieve Service, Combatant Command, and national objectives. Conducts Cyberspace, intelligence, surveillance, and reconnaissance (ISR), space control, space force enhancement, and space force support operations using established tactics, techniques, and procedures. Related DoD Occupational Subgroups: 122100, 123100, 123200, 123300, 124100, 124200, 124300, 155600, 240300, and 270500.

2. **Duties and Responsibilities.**
2.1. Leads personnel that perform cyberspace operations, ISR operations or systems operations and functions.
2.2. Oversees and/or manages activities associated with space operations.

3. **Specialty Qualifications.**
3.1. Knowledge. Knowledge is mandatory of principles, policies, and procedures in any of the Space Force Specialties: Cyberspace operations, ISR Operations or Space Systems Operations.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. For CMSgts awarded Space Operations CEM code 5Z900, qualification in and possession of specialty code 5Z800 is mandatory. Also, experience managing Cyberspace Operations, ISR Operations or Space Systems Operations personnel, activities and programs as required.
3.5. Other. Not used.

Supt Code 5Z800

Space Operations Superintendent (USSF Only)
(Established 31 Oct 21)

1. **Specialty Summary.** Advises on, leads, manages, or performs duties to develop, sustain, and enhance space capabilities to defend national interests from attack and to create effects in the space domain to achieve Service, Combatant Command, and national objectives. Conducts Cyberspace, intelligence, surveillance, and reconnaissance (ISR), space control, space force enhancement, and space force support operations using established tactics, techniques, and procedures. Related DoD Occupational Subgroups: 122100, 123100, 123200, 123300, 124100, 124200, 124300, 155600, 240300, and 270500.

2. **Duties and Responsibilities.**
2.1. Leads personnel that perform cyberspace operations, ISR operations or systems operations and functions.
2.2. Oversees and/or manages activities associated with space operations.

3. **Specialty Qualifications.**
3.1. Knowledge. Knowledge is mandatory of principles, policies, and procedures in any of the Space Force Specialties: Cyberspace operations, ISR Operations or Space Systems Operations.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. For SMSgts awarded Space Operations Superintendent code 5Z800, qualification in and possession of a specialty code from a series 5CXXX, 5IXXX, or 5SXXX is mandatory. Also, experience managing Cyberspace Operations, ISR Operations or Space Systems Operations personnel, activities and programs is required.
3.5. Other.

SFSC 5C071, Craftsman
SFSC 5C051, Journeyman
SFSC 5C031, Apprentice
SFSC 5C011, Helper

CYBER OPERATIONS (USSF)
(Changes 31 Oct 24)

1. **Specialty Summary:** Manages and performs Defensive Cyber Operations (DCO) and cyber support functions (DoDIN operations) in-garrison and at deployed locations for the United States Space Force (USSF). Surveys, secures, protects, defends, preserves, designs, builds, operates, and extends data, networks, net-centric capabilities, and other designated systems. This Space Force Specialty Code description incorporates the utilization of DoD Cyberspace Workforce Framework (DCWF) Codes to tie this specialty description to the specific work roles within the framework. The DCWF was developed by the National Institute of Standards and Technology (NIST) and the DoD to establish a common lexicon and model for all cyber work, and will ultimately universalize training and education between academia, industry, and military. The contents of this Specialty Code are only applicable to Guardians in the USSF.

2. **Duties and Responsibilities:**
2.1. Performs Department of Defense Information Network (DoDIN) activities and operations (overarching/general responsibilities).
2.1.1. Oversees the cybersecurity program of information systems, networks, or RF systems; including managing information security implications within the organization, specific program, or other area of responsibility, to include Communications Security (COMSEC), Emissions Security (EMSEC), Computer Security (COMPUSEC), personnel, infrastructure, requirements, policy enforcement, emergency planning, security awareness, and other resources. Oversees, evaluates, and supports the documentation, validation, assessment, and authorization processes necessary to assure that existing and new information technology (IT) systems meet the organization's cybersecurity and risk requirements. Ensures appropriate treatment of risk, compliance, and assurance from internal and external perspectives. [DCWF Code - 612/722/723]
2.1.2. Manages and administers integrated methods, enabling the organization to identify, capture, catalog, classify, retrieve, and share intellectual capital and information content. The methods may include utilizing processes and tools (e.g., databases, documents, policies, procedures) and expertise pertaining to the organization. [DCWF Code – 431]
2.1.3. Consults with stakeholders to guide, gather, and evaluate functional and security requirements. Translates these requirements into guidance to stakeholders about the applicability of information systems to meet their needs. [DCWF Code - 641]
2.1.4. Develops and writes new or modifies existing specialized utility programs (scripts) following software assurance best practices. Tests specialized utility programs (scripts) to ensure they meet intended performance targets. Deploys specialized utility programs (scripts) to automate the deployment of software packages or simplify the collection of systems and network data. [DCWF Code – 621]
2.2. Performs Defensive Cyber Operation (DCO) activities (D suffix)
2.2.1. Responds to disruptions within the pertinent domain to mitigate immediate and potential threats. Uses mitigation, preparedness, and response and recovery approaches to maximize survival of life, preservation of property, and information security. Investigates and analyzes relevant response activities and evaluates the effectiveness of and improvements to existing practices. [DCWF Code – 531]
2.2.2. Uses data collected from a variety of cyber defense tools (e.g., IDS alerts, firewalls, network traffic logs) to analyze events that occur within their environments for the purposes of mitigating threats. [DCWF Code – 511]
2.2.3. Conducts threat and vulnerability assessments and determines deviations from acceptable configurations or policies. Assesses the level of risk and develops and/or recommends appropriate mitigation countermeasures. Measures effectiveness of defense-in-depth architecture against known vulnerabilities. [DCFW Code – 541]
2.2.4. Utilizes defensive measures and information collected from a variety of sources to identify, analyze, and report events that occur or might occur within the network or RF Spectrum in order to protect information, information systems, networks, and RF systems.
2.2.5. Performs and supports cyber mission Planning, Briefing, Execution, and Debriefing (PBED). Identifies, validates, and synchronizes resources to enable integration during the execution of defensive cyber operations. [DCWF Code - 332]
2.2.6. Collects, processes, preserves, analyzes, and presents computer-related artifacts in support of network vulnerability mitigation. [DCWF Code – 211]
2.3. Performs Satellite Communications (SATCOM) & Radio Frequency (RF) operational activities: (R Suffix)
2.3.1. Understands and employs the concepts of Electromagnetic Spectrum (EMS) Theory.
2.3.2. Understands RF spectrum distribution and utilization including radio frequency wireless, line-of-sight, beyond line-of-sight, wideband, narrowband, and ground-based satellite communications.
2.3.3. Understands Orbital theory to include but not limited to concepts of Low, Medium, and Geostationary Earth orbits.\
2.3.4. Understands RF transmission theory to include but not limited to concepts of modulation, multiplexing, frequency conversion and translation, polarization, and timing.
2.3.5. Understands concepts critical to the employment of Communications Security (COMSEC) and the management and security of cryptologic materials.
2.3.6. Understands a basic level of Information Technology (IT) fundamentals to include network interconnection and topologies, and cybersecurity fundamentals.
2.3.7. Understands electronics principles necessary to facilitate maintenance on communications and power systems.

2.3.8. Deploys, installs, sustains, monitors, troubleshoots, and repairs standard radio frequency wireless, line-of-sight, beyond line-of-sight, wideband, and ground-based satellite, ground and space-based missile defense, and encryption transmission devices in support of operational warfighters.

2.3.9. Installs, maintains, reconstitutes, removes, and modifies RF communications equipment to include modulation, multiplexing, coaxial cabling, timing, wave guide, and antenna systems.

2.3.10. Resolves installation, repair, overhaul, and modification problems associated with communications equipment. Conducts tests to restore and maintain systems. Uses layout drawings, schematics, and pictorial diagrams to solve maintenance problems. Analyzes construction and operating characteristics of equipment to determine source of malfunction. Determines repair or employs replacement procedures necessary to correct defective equipment.

2.3.11. Performs intricate alignment and calibration procedures of RF systems to ensure maximum operating efficiency.

2.3.12. Manages satellite and telemetry communications equipment and programs. Performs/supervises wireless radio and satellite systems and equipment maintenance activities. Oversees work in progress and reviews completed repairs for sound maintenance practices. Establishes requirements for maintenance equipment, support equipment, tools, and spare parts. Requisitions, accounts for, and turns in supplies and material.

2.3.13. When necessary, employs various Mission Design Series including but not limited to Orbital Warfare, Electromagnetic Warfare, Command and Control, and Nuclear Command, Control, and Communications.

2.4. Performs Cyber Systems operational utilization activities: (S Suffix)

2.4.1. Installs, configures, troubleshoots, and maintains servers, system configurations (hardware and software), and related cyber systems to ensure their confidentiality, integrity, and availability. Administers server-based systems, security devices, distributed applications, network storage, messaging, and performs systems monitoring. Consults on network, application, RF links and customer service issues to support systems' security and sustainability. [DCWF Code – 451]

2.4.2. Conducts threat and vulnerability assessments and determines deviations from acceptable configurations or policies. Assesses the level of risk and develops and/or recommends appropriate mitigation countermeasures in operational and non-operational situations. Performs within the environment or enclave and identifies deviations from acceptable configurations, enclave policy, or local policy. Measures effectiveness of defense-in-depth architecture against known vulnerabilities. [DCFW Code – 541]

2.5. Performs Networking/transport infrastructure aspects of Cyber Systems related activities: (N Suffix)

2.5.1. Deploys, upgrades, configures, installs, and maintains both inside and outside plant cabling, voice, and video systems/circuits, and long-haul comm systems that are the backbone of military, federal and commercial networks. [DCWF Code - 521]

2.5.2. Installs, configures, tests, operates, maintains, and manages networks and their firewalls, including all hardware (e.g.,

2.5.3. hubs, bridges, switches, multiplexers, routers, cables, and equipment, proxy servers, and protective distributor systems) and software that permit the sharing and transmission of all spectrum transmissions of information to support the security of information and information systems. [DCWF Code - 441]

2.5.4. Tests, implements, deploys, maintains, reviews, and administers the infrastructure hardware, software, and documentation that are required to effectively manage network defense resources. [DCWF Code – 521]

3. **Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of principles, technologies, capabilities, limitations, and cyber threat vectors of servers, clients, operating systems, databases, networks and related hardware and software, cybersecurity principles including – national and international laws, policies, and ethics related to operational cybersecurity; operational risk management processes; and specific operational impacts of lapses in cybersecurity.

3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Additional courses in Science, Technology, Engineering, and Mathematics (STEM) are desirable. Associate degree or higher in related fields and/or Information Technology (IT) certification is also desirable.

3.3. Training. The following training is mandatory as indicated.

3.3.1. For award of the specialty code/suffix of 5C031D, completion of initial skills training Cyber Warfare Operations (Cyber Warfare Operations) Apprentice Course or the USSF Cyber Combat Course (C3).

3.3.2. For award of the specialty code/suffix of 5C031R, completion of initial skills training USSF Radio Frequency Transmission Operations Cyber Fundamentals, and USSF Radio Frequency Transmission Operations.

3.3.3. For award of the specialty code/suffix of 5C031S, completion of initial skills training USSF Systems Operations Cyber Fundamentals, USSF Systems Operations, and USSF Systems Operations Security Plus Certification.

3.3.4. For award of the specialty code/suffix of 5C031N, completion of initial skills training USSF Network Operations Cyber Fundamentals, USSF Network Operations, and USSF Network Operations Security Plus Certification.

3.3.5. Upon completion of IST and awarding of specialty code/suffix members should attend Space Cyber Fundamentals when available.

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

3.4.1. There are no specific upgrade requirements for the slick specialty code 5C0X1 not already defined in the training AFI.

3.4.2. 5C051D. Defensive Cyber Operations, qualification in and possession of 5C031D and experience performing DCO functions.

3.4.3. 5C071D. Defensive Cyber Operations, qualification in and possession of 5C051D and experience performing DCO functions.

3.4.4. 5C051R. RF Operations, qualification in and possession of 5C031R and experience performing operational RF/SATCOM functions.

3.4.5. 5C071R. RF Operations, qualification in and possession of 5C051R and experience performing operational RF/SATCOM functions.

3.4.6. 5C051S. Systems Operations, qualification in and possession of 5C031S and experience performing operational Systems functions.
3.4.7. 5C071S. Systems Operations, qualification in and possession of 5C051S and experience performing operational Systems functions.
3.4.8. 5C051N. Network Operations, qualification in and possession of 5C031N and experience performing operational Network functions.
3.4.9. 5C071N. Network Operations, qualification in and possession of 5C051N and experience performing operational Network functions.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty
3.5.1.1. See attachment 4 for entry requirements.
3.5.2. For award and retention of these specialty codes:
3.5.2.1. Must attain and maintain a minimum Information Assurance Technical Level II certification IAW AFMAN 17-1303, *Cybersecurity Workforce Improvement Program* and DoD 8570.01-M, *Information Assurance Workforce Improvement Program*. Commanders may waive this requirement on a case-by-case basis if elevated network access is not required to perform duties.
3.5.2.2. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17- 1301, *Computer Security*.
3.5.2.3. Specialty requires routine access to Top Secret material and/or environment. Hence, completion of a current Tier 5 (T5)/Secure Compartmented Information (SCI) background investigation according to DAFMAN 16-1405, Personnel Security Program Management, is mandatory.
NOTE: Award of the 3-skill level without a completed Tier 5 Investigation is authorized provided an interim Top-Secret/SCI clearance has been granted according to DAFMAN 16-1405.

4. **Specialty Shredouts:**

Suffix	*Portion of AFS to Which Related*
D	Defensive Cyber Operations
N	Network Operations

Suffix	*Portion of AFS to Which Related*
R	RF Operations
S	Systems Operations

SFSC 5I071, Craftsman
SFSC 5I051, Journeyman
SFSC 5I031, Apprentice
SFSC 5I011, Helper

★ALL SOURCE ANALYST (USSF)
(Established 31 Oct 25)

1. ★**Specialty Summary.** Manages, supervises, and performs intelligence activities/functions including discovering, developing, evaluating, and providing intelligence information. Intelligence is one of the spacepower disciplines in which Guardians specialize, providing data and information essential to operations in the space domain, in areas of responsibility in every other domain, and in the information and electromagnetic spectrum environments. The Space Force organizes, trains, and equips Guardians to conduct operations, including intelligence, surveillance, and reconnaissance (ISR), as part of the joint force to meet national objectives (strategic and military) through the application of military spacepower. Related DoD Occupational Subgroup: 124300.

2. ★**Duties and Responsibilities:**
2.1. ★Enables and feeds all aspects of Space Force missions in support of acquisitions, test and evaluation, and operations by discovering, collating, analyzing, evaluating, and disseminating intelligence information. Produces all-source intelligence using multiple disciplines, including Signals Intelligence (SIGINT), Imagery Intelligence (IMINT), Geospatial Intelligence (GEOINT), Human Intelligence (HUMINT), Measurement and Signature Intelligence (MASINT), Cyber, and Open Source Intelligence (OSINT), and Targeting.
2.2. Produces intelligence materials in accordance with intelligence tradecraft standards. Prepares, maintains, and presents intelligence displays, reports, and briefings. Discovers, compiles, evaluates, researches, analyzes, and disseminates intelligence information. Establishes intelligence collection requirements. Identifies and establishes unit level program requirements for intelligence reference materials, maintains intelligence reference files and automated intelligence databases. Uses intelligence automated data systems to store, retrieve, display, and report intelligence information.
2.3. ★Coordinates with the interagency, joint force, intelligence enterprise, and space force elements to provide accurate, timely, and relevant intelligence support to warfighters in support of Combatant Command or Space Force objectives. Timely and accurate intelligence is essential in achieving decision advantage for commanders at every echelon.
2.4. ★Experienced All-Source Analysts can develop a deep expertise in multiple intelligence disciplines, including Cyber intelligence, Imagery Intelligence Analyst, Target Analysis, Orbital Warfare Intelligence Support, and Open Source Intelligence Analysis. All Source Analysts will process, exploit, and disseminate intelligence products and conducts analysis concerning threat countries or targets of interest via written and/or verbal means. These products provide specificity and knowledge to commanders and national leaders to impact tactical through strategic level decision making processes.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: intelligence organizations and systems, collection and reporting systems, procedures, and methods, intelligence information sources, techniques of identifying, collating, evaluating, and analyzing information, geographical and cultural aspects of foreign countries, current military capabilities and employment tactics of potential enemy offensive and defensive weapon systems, special operations forces tactics, techniques and procedures, and associated equipment, procedures for acquiring, updating, and maintaining intelligence documents, maps, and charts, maps and charts use techniques, graphic, oral, and written intelligence presentation, support to targeting, capabilities and application of respective computer systems, security classification marking and control, US sensor systems, regional physical characteristics relative to radar significance, basic electromagnetic theory, and digital terrain and feature databases.
3.1.1. For Guardians selected to attend 5I1X1 initial skills training. The following knowledge is mandatory: basic imagery interpretation principles, techniques, and procedures for imagery exploitation, Space Force, DoD, and collection and reporting systems, techniques of identifying, collating, evaluating, and analyzing information, current military capabilities and employment tactics of potential enemy offensive and defensive weapon systems, basic electromagnetic theory, targeting methods and techniques, use of national geospatial data, information and intelligence data systems and the maps, charts, grid systems. Graphic, oral, and written intelligence presentation. Fundamental mensuration techniques, requirements for, and sources and uses of target and geospatial intelligence data, production of target materials, and security controls, classifications, markings, and handling restrictions.
3.1.2. For Guardians selected to attend 5I8X1 initial skills training. The following knowledge is mandatory: intelligence organizations and systems, collection and reporting systems, procedures, and methods, intelligence information sources, techniques of identifying, collating, evaluating, and analyzing information, geographical and cultural aspects of foreign countries, current military capabilities and employment tactics of potential enemy offensive and defensive weapon systems, special operations forces tactics, techniques and procedures, and associated equipment, procedures for acquiring, updating, and maintaining intelligence documents, maps, and charts, maps and charts use techniques, graphic, oral, and written intelligence presentation, support to targeting, capabilities and application of respective computer systems, security classification marking and control, US sensor systems, regional physical characteristics relative to radar significance, basic electromagnetic theory, and digital terrain and feature databases
3.2. Education. For entry into this specialty, completion of high school or General Education Development equivalency, with courses in speech, journalism, critical thinking, geography, modern world history, statistics, algebra, and geometry are desirable.

3.3. Training. For award of specialty code 5I031, completion of the All Source Intelligence Apprentice Course or Career Field Manager approval is mandatory. The following training is mandatory for award of award of the specialty indicated:
3.3.1. For award of 5I0X1 with an 1S8 SEI, Guardian must complete the multi-course Targeting Analyst pipeline consisting of: the Targeting Analyst Course, the Target Coordinate Mensuration (TCM) Course, and the specialty-awarding Collateral Damage Estimation (CDE) Course or approval from the Career Field Manager.
3.3.2. For award of 5I0X1 with an 060 SEI, completion of a basic Geospatial Intelligence Apprentice and applicable suffix course or Career Field Manager approval is mandatory.
3.4. ★Special Experience Identifiers (SEIs).
3.4.1. ★SEIs are available to Guardians who demonstrate the required proficiency in the associated portion of the 5I0 Specialty Training Standard (STS), or who have completed the required courses as outlined in the DAFECD. The SEIs follow a competency-based model with each specialty possessing a basic, intermediate, advanced, and expert-level.
3.5. Experience. The following experience is mandatory for award of specialty code indicated:
3.5.1. 5I051. Qualification in and possession of specialty code 5I031.
3.5.2. 5I071. Qualification in and possession of specialty code 5I051.
3.5.3. 5I051. Qualification in and possession of specialty code 5I131.
3.5.4. 5I071. Qualification in and possession of specialty code 5I151. Also, experience training or supervising exploitation team activities in support of geospatial intelligence production.
3.5.5. 5I071. Qualification in and possession of 5I851. Also, experience training or supervising exploitation team activities in support of geospatial intelligence production.
3.6. Other. The following are mandatory as indicated:
3.6.1. For entry into this specialty:
3.6.1.1. No speech disorders or noticeable communications deficiencies as defined by AFI 48-123, *Medical Examinations and Standards*.
3.6.1.2. See attachment 4 for additional entry requirements.
3.6.2. For award and retention of Specialty Code 5I0X1:
3.6.2.1. When required for a current or future assignment, must successfully complete a polygraph test and meet all customer access eligibility requirements.
3.6.2.2. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management Systems* and AFMAN 17-1301, *Computer Security.*
3.6.2.3. Normal color vision as defined by correctly identifying at least 10 of 14 Pseudo-isochromatic Plates (PIP I) of one of the following tests: Ishihara, Dvorine, or the original version of the AO tests.
3.6.2.4. When required for a current or future assignment, must successfully complete a polygraph test.
3.6.2.5. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environment.
3.6.3. For award and retention of Specialty Codes 5I031, 5I051, and 5I071:
3.6.3.1. Completion of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
NOTE: 5I0X1 Guardians shall attend either 5I0X1, 5I1X1, or 5I8X1 initial qualification training based on the current Program Guidance Letter.
NOTE: 510X1 Guardian's selected for the 5I8X1 Targeting Analyst multi-course pipeline. The Guardian course pipeline will consist of the Targeting Analyst Course, the Target Coordinate Mensuration (TCM) Course, and the specialty-awarding Collateral Damage Estimation (CDE) Course must be completed, or Career Field Manager approval must be attained before awarding of the 1S8 SEI.
NOTE: Initial attendance in 5I0X1 specialty code awarding course without a completed T5 investigation is authorized provided interim T5 eligibility has been granted IAW Intelligence Community Directive (ICD) 704. Guardians who cannot obtain at least an interim T5 for programmed class-start are not eligible for entry into the specialty code.

SFSC 5I271, Craftsman
SFSC 5I251, Journeyman
SFSC 5I231, Apprentice
SFSC 5I211, Helper

★CRYPTOLOGIC ANALYST (USSF)
(Established 31 Oct 25)

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

2. ★**Duties and Responsibilities:**
2.1. The Cryptologic Analyst will manage, collect, analyze, evaluate, and disseminate intelligence across Cyber Network Operations (CNO) and Signals Intelligence (SIGINT) which includes SIGINT sub-disciplines. SIGINT sub-disciplines include Communication Intelligence (COMINT), Electronic Signals Intelligence (ELINT), Foreign Instrumentation Signals Intelligence (FISINT), and PROFORMA, cryptologic support to cyberspace operations, and computer network operations. Processes, exploits, and disseminates SIGINT and Cyber products and conducts analysis concerning threat countries or targets of interest via written and/or verbal means. These products provide specificity and knowledge to commanders and national leaders to impact tactical, operational, and strategic decision-making processes. Delivers information in compliance with legal, policy, formatting, and timeliness requirements.
2.2. SIGINT. Conducts SIGINT activities and operations. Performs operator and analyst duties to exploit non-communication and communication intelligence production activities. Utilizes a wide range of complex analysis hardware and software to process signals, including receivers, demodulators, spectrum analyzers, and other associated computer equipment. Uses advanced computer software programs to manipulate and extract intelligence data from electromagnetic spectrum emissions. Produces technical products to include target assessments, adversary studies of the EMS operational environment, situation reports, and other intelligence products as required. Operates computer terminals for data entry, query, data restructuring, and signals development. Interprets and renders preliminary analysis. Uses analytical aids and related reference material to help identify signals and detect abnormalities. Generates reports, incorporating analytical findings with intelligence information. Develops, manages, reviews, and evaluates SIGINT intelligence production processes. Conducts SIGINT activities in support of service, combatant command, allied, and coalition requirements and satisfies tasked objectives. Supports Intelligence Community agencies including the National Security Agency, Defense Intelligence Agency, and National Reconnaissance Office, and the National Space Intelligence Center. Maintains databases of various types and activities using computer and hard copy products. Satisfies SIGINT tasking by managing resources. Notifies appropriate personnel and work centers of unusual activities or critical situations.
2.3. ★Cryptologic Support to Cyberspace Operations. Provides cryptologic planning and support to cyberspace operations and computer network operations. Generates reports, incorporating analytical findings with intelligence information. From various Space Force and joint intelligence, surveillance, and reconnaissance operations. Collates, analyzes, evaluates, and disseminates intelligence information supporting cyberspace operations. Produces technical products to include target assessments, adversary studies of the cyberspace operational environment, situation reports, and other intelligence products as required. Utilizes all-source intelligence information to produce and present topical high-interest technical and operational intelligence briefings to all levels of command. Creates and maintains technical and operational databases using diverse computer hardware and software applications. Provides key intelligence enabling offensive and defensive cyberspace operations. Conducts analysis of metadata, target analysis, and target research. Identifies target communications within global networks and conducts target technology trends research. Performs global network analysis and mapping, to include technology, activities, and communications, to determine target traffic behavior patterns. Analyzes exploitation opportunities for information systems and infrastructure. Utilizes methods and applications of tools used for exploitation and analysis of computer systems and network vulnerabilities. Provides intelligence planning and operations support for target delivery, development, and reporting for cyber space operations. Guardians employ intelligence-driven cyber operations to defend the global networks that are critical to space operations. Guardians also maintain awareness of cyber threats and operations to derive intelligence relevant to military space operations in all domains and environments.
2.4. ★Computer Network Operations. Conducts global critical cryptologic and cyberspace operations missions. Exploits emerging target technologies and gains access to adversary communications. Exploits and maintains access to adversary network communications. Utilizes digital network analysis to conduct computer network operations that directly enable computer network defense of critical U.S. interests, systems, and infrastructure.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of: intelligence and cryptologic support operations provided to commanders, service cryptologic elements, and national agencies; joint service relationships and operational concepts; tasking strategies; communications networks, radio wave propagation; modulation theory and techniques; radio communications procedures; operation of electronic equipment; functions and operations of electronic equipment; reporting formats and procedures; basic computer operations; directives for handling, distributing, and protecting defense information; and electronic principles applicable to signals collection and analysis; missions and functions of COMINT, ELINT, FISINT, PROFORMA, IO, and EW related to SIGINT operations.
3.1.1. For Guardians selected to attend the Digital Network Intelligence Analysis Apprentice course and Joint Cyber Analysis Course (JCAC). Knowledge is mandatory: basic imagery interpretation principles, techniques, and procedures for imagery exploitation, Space

Force, DoD, and collection and reporting systems, techniques of identifying, collating, evaluating, and analyzing information, current military capabilities and employment tactics of potential enemy offensive and defensive weapon systems, basic electromagnetic theory, targeting methods and techniques, use of national geospatial data, information and intelligence data systems and the maps, charts, grid systems. Graphic, oral, and written intelligence presentation. Fundamental mensuration techniques, requirements for, and sources and uses of target and geospatial intelligence data, production of target materials, and security controls, classifications, markings, and handling restrictions.

3.2. Education.

3.2.1. For entry into this specialty, completion of high school with courses in electronics, physics, algebra, trigonometry, and computers is desirable.

3.3. Training.

3.3.1. ★For award of 5I2X1, Guardian's shall complete Apprentice Signals Analysis Course or Career Field Manager approval are required.

3.4. ★Specialty Experience Identifiers (SEIs).

3.4.1. ★SEIs are available to guardians who demonstrate the required proficiency in the associated portion of the 5I2 Specialty Training Standard (STS), or who have completed the required courses as outlined in the DAFECD. The SEIs follow a skill based model with each specialty possessing a basic, intermediate, advanced, and expert-level.

3.4.2. ★For award of the 5I2X1 with an 898 SEI, completion of the Digital Network Intelligence Analysis Apprentice course and Joint Cyber Analysis Course (JCAC) or Career Field Manager approval are required.

3.5. Other. The following are mandatory as indicated:

3.5.1. ★Successfully complete and pass a Counterintelligence (CI) polygraph test.

3.5.2. Guardians unable to access mission, systems and/or facilities after 12 months of investigation/security screening will be considered for reclassification or separation, unless waived by the Career Field Manager

3.5.3. Maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

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

3.5.5. Completion and favorable adjudication of a current T5 Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.

3.5.5.1. See attachment 4 for additional requirements.

3.5.6. For award and retention of 5I2X1 with an 898 SEI, the following are mandatory:

3.5.6.1. Maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.*

3.5.7. Initial attendance in 5I2X1 specialty awarding course without a completed T5 clearance is authorized provided an interim T5 clearance eligibility has been granted IAW Intelligence Community Directive (ICD) 704. Guardians who cannot obtain at least an Interim T5 clearance for programmed class-start are not eligible for entry into the specialty.

SFSC 5S071, Craftsman
SFSC 5S051, Journeyman
SFSC 5S031, Apprentice
SFSC 5S011, Helper

★SPACE SYSTEMS OPERATIONS (USSF)
(Changed 31 Oct 25)

1. **Specialty Summary.** Manages, plans, or performs duties to develop, sustain, and enhance space capabilities to defend national interests from attack and to create effects in the space domain to achieve Service, Combatant Command, and national objectives. Conducts Orbital Warfare, Space Electromagnetic Warfare, Space Battle Management, and Space Access and Sustainment operations using established tactics, techniques, and procedures. Related DoD Occupational Subgroup: 122100.

2. **Duties and Responsibilities:**
2.1. Detects, identifies, and maintains orbital parameters on earth satellite vehicles using optical and radar sensors.
2.2. Protects friendly satellite communications and disrupts adversary satellite communications by operating defensive and offensive space control systems.
2.3. Detects and tracks missile launches using a variety of ground and space-based sensors. Forwards information to appropriate command and control (C2) agencies.
2.4. Plans and executes satellite contacts, resolves emergencies, and performs satellite commanding during launch, early orbit, daily operations, and end-of-life testing. Performs launch and on-orbit operations for military satellites.
2.5. Plans and executes battlespace characterization, technology demonstrations and combat operations to deter and defeat on-orbit adversarial threats.
2.6. Performs (C2) functions at numerous agencies such as the National Space Defense Center Combined Space Operations Center, regional Joint and Combined Air and Space Operations Centers, National Reconnaissance Operations Center, Missile Warning Center, and NORAD/USNORTHCOM Command Center.
2.7. Ensures operational effectiveness and suitability of space capabilities through operational testing and evaluation.
2.8. Replicates adversary space capabilities to improve combat training and increase readiness to respond and counter threats against space assets.

3. ★**Specialty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of the following: Satellite C2 and principles of space and ground segments; space warning and control systems; orbital mechanics; electromagnetic spectrum; crew operations; data analysis procedures; sensor theory; data transmission, receiving, recording, and relaying theory; and administrative practices.
3.2. Education. For entry into this specialty, completion of high school with coursework in algebra is required. Coursework in physics, geometry, trigonometry, and/or computer science is desirable.
3.3. Training. For award of specialty code 5S031, completion of the 5S0 Enlisted Undergraduate Space Training (EUST).
3.4. Experience. The following experience is mandatory for award of the specialty code indicated:
3.4.1. ★5S051. Qualification in and possession of specialty code 5S031.
3.4.2. ★5S071. Qualification in and possession of specialty code 5S051.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty:
3.5.1.1. See attachment 4 for entry requirements.
3.5.1.2. Passing color vision as defined in DAFMAN 48-123 for FCI standards.
3.5.1.3. ★Ability to speak clearly and distinctly.
3.5.2. For award and retention of these specialty codes 5S011/31/51/71:
3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management Systems* and AFMAN 17-1301, *Computer Security*.
3.5.2.2. Specialty requires routine access to Tier 5 (T5) information, systems, or similar classified environment.
3.5.2.3. Completion of a T5 investigation and T5 eligibility granted based upon the favorable adjudication and IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program*, is mandatory.
3.5.2.4. When required for a current or future assignment, must successfully complete a polygraph test.
NOTE: For non-prior service Airmen, submission of a T5 Investigation and favorable T5 eligible pre-screening is mandatory prior to entry into the specialty code 5S031 awarding course.
NOTE: The 5S031 specialty code awarding course requires an interim or fully adjudicated T5 clearance by training day 70 or when access to course requires it, whichever comes first.

SPACE FORCE SPECIAL DUTY IDENTIFIERS (SDI)

Introduction

Special Duty Identifiers (SDI) identify authorizations for enlisted guardian assigned to and performing an actual group of tasks on a semi-permanent or permanent duty basis. These duties are unrelated to any specific career field at this time and do not provide a normal career progression pattern. No significance as to the interrelationship of these SDIs is implied from their grouping within this section.

SDI 8B400

★Military Training Instructor (Space Force)
(Changed 31 Oct 25)

1. **Special Duty Summary.** Conducts initial military indoctrination and institutional training for non-prior service Guardians, ensuring smooth operational support throughout the training process and flight assignments. Additionally, involves assisting leadership in decision-making regarding the allocation of non-appropriated funds for training activities or equipment, along with the management and evaluations of military training activities, personnel, facilities, and conducting inspections to rectify any training deficiencies. Includes providing comprehensive training for Guardians, focusing on performance, adaptability, and service requirements, while also offering counseling and guidance to individuals dealing with deficiencies. Advising leadership on accession issues and identifying and recommending appropriate action for Guardians displaying unsuitable characteristics or performance are also part of the role. Instructional duties include teaching initial military training, CSO guidance and intent, dormitory setup, drill, and delivering lectures on military training subjects using effective teaching methods and audiovisual aids to support learning objectives. Related DoD Occupational Subgroup: 101200.2.

2. **Duties and Responsibilities:**
2.1. Plans, organizes, conducts, and directs initial military training. Determines requirements for training, facilities, space, equipment, visual aids, and supplies to support military training requirements. Continuously evaluates the training program to ensure effective use of support items. Utilizes available facilities and ensures proper support during all phases of training, student flow, and flight assignments. Assist supervisors with decisions on use of non-appropriated funds for training activities or equipment.
2.2. Manages and evaluates military training activities, personnel, and facilities. Performs inspections of training activities and assists in correcting training deficiencies. Provides training for Guardians undergoing military training, to include performance and adaptability. Counsels and advises individuals on training deficiencies. Counsels and informs leadership on accession deficiencies. Identifies and recommends disposition of trainees who display characteristics/performance that may render them unfit or unsuitable for retention in the Space Force.
2.3. Prepares and maintains files, reports, and accountability records pertinent to initial military training. Maintains completed training record files on individuals in training for historical review.
2.4. Instructs on initial military training. Instructs dormitory setup, drill, and lectures on military training subjects using demonstration-performance and lecture methods. Employs audiovisual equipment to support training objectives. Executes remedial training as necessary.

3. **Special Duty Qualifications:**
3.1. Knowledge. Knowledge is mandatory of principles, techniques, and methods of instruction; use of visual aids; learning processes; curriculum development; training evaluation; and counseling methods and techniques.
3.2. Education. Airman Leadership School or Sister Service equivalent for Sgts.
3.3. Training. Completion of the Military Training Instructor course or approved Sister Service equivalent course and certification on all core tasks is mandatory.
3.4. Experience. N/A
3.5. Other. The following are mandatory:
3.5.1. For entry into this SDI, the following are mandatory (waivered on a case-by-case basis):
3.5.1.1. Guardian Military Training Instructors are selected through the central board process.
3.5.1.2. E-5 through E-7 and must be able to obtain 2 or more years retainability prior to current grade HYT.
3.5.1.3. Skill level commensurate with grade.
3.5.1.4. Exemplify outstanding military appearance, bearing, conduct (on and off duty), and past duty performance.
3.5.1.5. Demonstrated ability to lead and have empathetic understanding of the problems of Guardians away from home in a new environment.
3.5.1.6. No Unfavorable Information File or disciplinary action that resulted in an Article 15 in the last 5 years.
3.5.1.7. Ability to speak clearly and communicate well with others.
3.5.1.8. Applicants must be compliant and passing with current United States Space Force fitness requirements and member must possess a 0.53 waist-to-height ratio (WHtR) or lower utilizing the DAF Body Composition measurement.
3.5.1.9. Interview with and have a favorable recommendation by a psychologist or psychiatrist (if none assigned, a physician conducts an interview and provides a recommendation).
3.5.1.10. No record of emotional instability, personality disorder or other unresolved mental health problems that interfere with the ability to perform Military Training Instructor duties.
3.5.1.11. No record of substance abuse, domestic violence, or child abuse.
3.5.1.12. Never been convicted by a general, special, or summary courts-martial.
3.5.1.13. No record of non-judicial punishment, or administrative action (Letter of Reprimand, Letter of Admonishment, Letter of Counseling, or Record of Individual Counseling) reflecting a lack of behavioral/emotional control and/or dereliction of duty.
3.5.1.14. No record of non-judicial punishment, or administrative action (Letter of Reprimand, Letter of Admonishment, Letter of Counseling, or Record of Individual Counseling) based on sexual assault, sexual harassment, physical abuse, or an unprofessional relationship as defined in DAFI 36-2909, *Professional and Unprofessional Relationships* and/or AETCI 36-2909, Recruiting, Education and Training Standards of Conduct.

3.5.1.15. Never been convicted by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the accepted number of Category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying. NOTE: Categories of offenses are described and listed in AFI 36-2002, Regular Air Force and Special Category Accession, Uniform Guide List of Typical Offenses.
3.5.1.16. See attachment 4 for additional mandatory entry requirements.
3.5.2. For retention of this SDI, the following are mandatory:
3.5.2.1. Maintain entry requirements.
3.5.2.2. No record of non-judicial punishment, or Letter of Reprimand for verbal maltreatment, as defined in AETCI 36-2909, Recruiting, Education and Training Standards of Conduct, or financial irresponsibility.
3.5.2.3. Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, Computer Security.
3.5.2.4. No record of non-judicial punishment or administrative action (Letter of Counseling, Letter of Reprimand, Letter of Admonishment, or Record of Individual Counseling) for Trainee Abuse and Hazing as defined in AETCI 36-2909, Recruiting, Education, and Training Standards of Conduct.
3.5.2.5. Never been permanently decertified from military training instructor duties.

★**Utilization Note:** Award of this Special Duty Identifier (SDI) is only authorized when a Guardian is filling a funded 8B400 unit manpower document (UMD) authorization. When the member is filling a valid 8B400 UMD authorization, 8B400 is authorized as the awarded Duty SFSC. The DSFSC will be updated after the member completes formal school and signs into the new duty position. Once the member is no longer filling a valid 8B400 UMD authorization, 8B400 is no longer authorized as the Duty SFSC but will remain as an awarded (secondary, third or fourth) SFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded SFSC. Further, 8B400 is not authorized for award as the PSFSC when filling a funded 8B400 UMD authorization unless incumbent has no other awarded SFSCs. Guardian performing 8B400 duties but not filling a funded 8B400 UMD authorization will have no change in their awarded SFSCs. Guardians performing in this position will not have their Control Space Force Specialty Code (CSFSC) changed and will continue to compete for promotion in their CSFSC.

SDI 8B500

GUARDIAN TRAINING LEADER
(Established 30 Apr 25)

1. **Special Duty Summary**. Mentors, Trains, and Leads assigned non-prior service enlisted Guardians during initial skills technical training and Space Force Guardians attending Space Force Technical School; Evaluates and reinforces standards of conduct/performance, military bearing and discipline while scheduling and conducting military training functions. Related DoD Occupational Subgroup: 101200.

2. **Duties and Responsibilities**:

2.1. First-line Supervisor to non-prior service enlisted Guardians; ensures Guardians continue to maintain military standards/discipline learned during Basic Military Training. Monitors safety in formations, dormitories, and sports. Ensures students maintain personal and professional appearance and fitness standards. Ensures students comply with directives/orders, develops healthy followership attitude, and continue to assimilate to the Guardian Core Values.

2.2. Monitors and conducts personal and professional training/development aligned with enhancing the Profession of Arms within the unit. Plans, organizes, and directs military education instruction. Determines appropriate instruction methods considering the group size and subject matter. Conducts instruction using demonstration-performance and lecture methods. Maintains thorough knowledge of and instructs personnel in drill, parades, retreats, and reviews. Provides supplemental military training.

2.3. Advises and counsels Guardians. Establishes and conducts incoming, outgoing, and student entry briefings. Conducts individual and group interviews. Motivates personnel to develop military attitudes, effective human relations, and social skills for improving interpersonal and military relations. Assists students in their personal adjustment to military life. Applies counseling techniques and military experience to counsel Guardians with training, military bearing, and behavior problems. Refers students to the appropriate staff agency when necessary.

2.4. Prepares and maintains files and records, such as Collateral Training Folders, on military education and counseling matters. Prepares statistical reports and records about student accountability. Accounts for assigned students and maintains general military training forms. Maintains duty rosters and forms and assures squadron details are distributed fairly.

2.5. Conducts facility management duties for non-prior service dormitories. Assigns Guardians to living quarters and ensures positive key control. Establishes security and accountability measures for residents. Ensures Guardians preserve healthy standards of living and assume effective stewardship of living space/dormitory. Conducts periodic safety exercises for Guardians. Leads dormitory health and wellness inspections as directed.

2.6. Establishes and conducts in-processing, out-processing briefings. Conducts pre-departure briefings for weekend liberty, holiday, and leave. Liaison to Military Personnel Flight concerning Guardian assignments and records processing. Assists with Recruiters Assistance Program application.

3. **Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: military training learning processes, counseling methods, and training evaluation and techniques.

3.2. Education. Mandatory Airman Leadership School or commensurate level EPME.

3.3. Experience. N/A

3.4. Other. The following are mandatory as indicated:

3.4.1. For entry into this SDI, the following are mandatory (may be waived by the Special Duty Manager on case-by-case basis):

3.4.1.1. Skill-level commensurate with grade.

3.4.1.2. Outstanding, military bearing, professional military image, and conduct both on/off duty.

3.4.1.3. Demonstrated ability to lead and have empathetic understanding of the problems of Guardians away from home in a new environment.

3.4.1.4. Never been permanently decertified from Military Training Leader duties.

3.4.1.5. No record of disciplinary action resulting in an Article 15 or Unfavorable Information File for the past three years.

3.4.1.6. Overall rating of "Exceeded some, but not all expectations" or "Exceeded most, if not all expectations" on last 3 EPRs.

3.4.1.7. Never been convicted by a general, special, or summary courts-martial.

3.4.1.8. Applicants must be compliant and passing with current United States Space Force fitness requirements.

3.4.1.9. Possess a low-risk or moderate-risk body composition utilizing the DAF Body Composition measurement.

3.4.1.10. No record of emotional instability, personality disorder, or other unresolved mental health problems that interfere with the ability to perform Military Training Leader duties.

3.4.1.11. No record of substance abuse, domestic violence, or child abuse.

3.4.1.12. No record non-judicial punishment or administrative action (Letter of Counseling, Letter of Reprimand, Letter of Admonishment, or Record of Individual Counseling) reflecting a lack of behavioral/emotional control or dereliction of duty.

3.4.1.13. No record of non-judicial punishment or administrative action (Letter of Counseling, Letter of Reprimand, Letter of Admonishment, or Record of Individual Counseling) based on sexual assault, sexual harassment, physical or mental abuse or unprofessional or inappropriate relationship as defined in AFI 36-2909, Professional and Unprofessional Relationships and/or AETC's Recruiting, Education and Training Standards of Conduct.

3.4.1.14. Never been convicted by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the accepted number of Category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying. *NOTE*: Categories of offenses are described and listed in AFMAN 36-2032, *Military Recruiting and Accessions*, Table A2.2.

3.4.1.15. See attachment 4 for additional mandatory entry requirements.
3.4.2. For retention of this SDI, the following are mandatory:
3.4.2.1. Maintain entry requirements.
3.4.2.2. Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17- 1301, *Computer Security*.
3.4.2.3. No record of non-judicial punishment or administrative action (Letter of Counseling, Letter of Reprimand, Letter of Admonishment, or Record of Individual Counseling) for Trainee Abuse and Hazing as defined in AETCI 36-2909, Recruiting, Education, and Training Standards of Conduct.
3.4.2.4. Never been permanently decertified from Military Training Leader duties.

Utilization Note:
Utilization note: Award of this Special Duty Identifier (SDI) is only authorized when a Guardian is filling a funded 8B500 unit manpower document (UMD) authorization. When the member is filling a valid 8B500 UMD authorization, 8B500 is authorized as the awarded Duty SFSC. The DSFSC will be updated after the member completes formal school and signs into the new duty position. Once the member is no longer filling a valid 8B500 UMD authorization, 8B500 is no longer authorized as the Duty SFSC but will remain as an awarded (secondary, third or fourth) SFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded SFSC. Further, 8B500 is not authorized for award as the PSFSC when filling a funded 8B500 UMD authorization unless incumbent has no other awarded SFSCs. Guardians performing 8B500 duties but not filling a funded 8B500 UMD authorization will have no change in their awarded SFSCs. Guardians performing in this position will not have their Control Space Force Specialty Code (CSFSC) changed and will continue to compete for promotion in their CSFSC.

SDI 8G200

Premier Honor Guard (Space Force)
(Changed 30 Apr 25)

1. Special Duty Summary. Performs traditional Honor Guard roles and duties. Represents the Space Force at ceremonies where protocol or customs dictate using an honor guard or military escort. Conducts, plans, trains, and supervises military and civilian events, ceremonies, and protocol functions. Related DoD Occupational Subgroup:183000.

2. **Duties and Responsibilities:**
2.1. Manages and participates in Space Force Honor Guard operations.
2.2. Performs duties as a member of the Ceremonial Space Force Honor Guard, in support of high-visibility missions in honor of the President of the United States, foreign heads of state, and senior DoD/Space Force leaders in and around the National Capital Region, as well as military funerals at Arlington National Cemetery. Conducts, plans, trains, and supervises military and civilian events, ceremonies, drills, and protocol functions. May be required to travel on temporary duty assignments in the performance of assigned duties.
2.3. Acts as an escort or member of an honor guard unit. Participates in Space Force and joint service ceremonies on special occasions such as state or Space Force funerals, wreath ceremonies, and color guard and escort duties at civil and military events and ceremonies in the Washington DC area.
2.4. Performs honor guard duties for senior leader events, luncheons, retirements, promotion ceremonies, and civic events as authorized by appropriate guidance regulations.
2.5. Plans and conducts United States Space Force Honor Guard activities. Plans and conducts United States Space Force Honor Guard participation in Space Force and joint service ceremonies. Advises Space Force activities and coordinates on matters pertaining to ceremonies and protocol.
2.6. May participate in the United States Air Force Honor Guard Drill Team performing intricate drill routines at civilian and military events and ceremonies across the globe.

3. **Special Duty Qualifications:**
3.1. **Knowledge**. Knowledge of military customs and ceremonies is desirable.
3.2. Completion of USAF Honor Guard Course, L5AQ08G000 (OH1A), or equivalent.
3.3. The following are mandatory:
3.3.1. See attachment 4 for additional mandatory entry requirements.
3.3.2. For entry:
3.3.2.1. For Space Force positions, must be able to obtain 2 or more years of retainability prior to HYT.
3.3.2.2. Exemplify outstanding military appearance, bearing, conduct (on and off duty), and past duty performance.
3.3.2.3. Skill level commensurate with grade, if applicable.
3.3.2.4. Minimum of 66" and Maximum height of 76".
3.3.2.5. Last five performance reports must demonstrate consistently high standards of Character, Commitment, Connection and Courage.
3.3.2.6. No record of disciplinary action that resulted in an Article 15 or Unfavorable Information File for the past three years.
3.3.3. For entry and retention:
3.3.3.1. Guardians must possess a 0.53 waist-to-height ratio (WHtR) or lower utilizing the DAF Body Composition measurement.
3.3.3.2. Vision must be 20/20 or correctible to 20/20 using contact lenses.
3.3.3.3. Must be able to conform to exacting grooming standards listed in DAFMAN 34-515, USAF Honor Guard.
3.3.3.4. No medical conditions preventing prolonged standing, (i.e., vertigo, back or knee disorders), marching, repetitive movements, or other physical limitation that prohibits execution of ceremonial duties.
3.3.3.5. No recorded evidence of unresolved clinically diagnosed mental health issues that prevent the member from arming and performing funerals and ceremonies.
3.3.3.6. No record of substance abuse, financial irresponsibility, domestic violence, or child abuse.
3.3.3.7. No record of conviction by summary, special, or general courts-martial.
3.3.3.8. No record of disciplinary action (Letter of Admonishment [LOA], Letter of Reprimand [LOR], or Article 15) for any of the following:
3.3.3.8.1. Engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional* Relationships; or
3.3.3.8.2. Failure to exercise sound leadership principles with respect to morale or welfare of subordinates;
3.3.3.8.3. Taking or failing to take action in situations thereby exhibiting a lack of integrity, or
3.3.3.8.4. A violation of Article 107, Uniform Code of Military Justice, False official statements; or
3.3.3.8.5. Participating or allowing others to participate in behavior or activities that are of a nature to bring discredit upon the armed forces.
3.3.3.9. Have no conviction under the Uniform Code of Military Justice (UCMJ) during current enlistment to include nonjudicial punishment.
3.3.3.10. Never convicted in civil or UCMJ proceedings (to include judicial and nonjudicial punishment) for any type of drug abuse or drug-related offense.

3.3.3.11. Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, Computer Security.
3.3.3.12. Must possess current Secret (minimum) security clearance IAW DoDM 5200.02, AFMAN 16-1405, Air Force Personnel Security Program.

Utilization Note: Award of this Special Duty Identifier (SDI) is only authorized when a Guardian is filling a funded 8G200 unit manpower document (UMD) authorization. When the member is filling a valid 8G200 UMD authorization, 8G200 is authorized as the awarded Duty SFSC. The DSFSC will be updated after the member completes formal school and signs into the new duty position. Once the member is no longer filling a valid 8G200 UMD authorization, 8G200 is no longer authorized as the Duty SFSC but will remain as an awarded (secondary, third or fourth) SFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded SFSC. Further, 8G200 is not authorized for award as the PSFSC when filling a funded 8G200 UMD authorization unless incumbent has no other awarded SFSCs. Guardians performing 8G200 duties but not filling a funded 8G200 UMD authorization will have no change in their awarded SFSCs. Guardians performing in this position will not have their Control Space Force Specialty Code (CSFSC) changed and will continue to compete for promotion in their CSFSC.

SDI 8R100

GUARDIAN TALENT SCOUT
(Established 30 Apr 25)

1. **Duty Summary.** Organizes and conducts programs to recruit sufficient personnel to satisfy the requirements of the United States Space Force. Related DoD Occupational Subgroup: 150100.

2. **Duties and Responsibilities:**
2.1. Guardian Talent Scouts assist in guidance, policy, and procedure development for future Space Force Recruiting operations. Responsible for talent sourcing of future Guardians from various sources, CONUS and OCONUS, inform civilians of Space Force officer and enlisted obligations, career structure, educational and training opportunities, and other military benefits and entitlements. Responsible for interviewing, screening, testing, and evaluating applicants from various sources to achieve recruiting goals. Participate in community activities and public events (i.e., patriotic holidays) and connect with education, business, and industry officials to enhance the prestige of the Space Force. Electronically develop, retrieve, and maintains enlistment reports providing analysis of recruiting activity.

3. **Specialty Qualifications:**
3.1. Knowledge. Knowledge of the organization, mission, policies, and history of the United States Space Force is mandatory.
3.2. Education. Completion of high school or general educational equivalency is mandatory. Sgts must have completed Airman Leadership School or sister service equivalent.
3.3. Training. For retention, completion of the recruiter course is mandatory.
3.4. Other. The following are mandatory:
3.4.1. For entry:
3.4.1.1. Apply and selected though the Special Duty Talent Management Board.
3.4.1.2. E-5 through E-7.
3.4.1.3. Obtain a PULHES of 222321 annotated on the AF Form 422.
3.4.1.4. Skill level commensurate with grade.
3.4.1.5. Outstanding in appearance, military bearing, professional military image, and conduct both on/off duty.
3.4.1.6. Overall rating of "Exceeded some, but not all expectations" or "Exceeded most, if not all expectations" on last 3 EPRs.
3.4.1.7. Applicants must be compliant and passing with current United States Space Force fitness requirements.
3.4.1.8. Possess a 0.53 waist-to-height ratio (WHtR) or lower utilizing the DAF Body Composition Measurement.
3.4.1.9. No record of disciplinary action that resulted in an Article 15 or Unfavorable Information File in the last three years.
3.4.1.10. See attachment 4 for additional mandatory entry requirements.
3.4.2. For entry and retention:
3.4.2.1. No history of emotional instability, personality disorder, or other unresolved mental health problems.
3.4.2.2. No record of alcohol or substance abuse, financial irresponsibility, domestic violence, or child abuse.
3.4.2.3. No record of conviction by summary, special, or general courts-martial.
3.4.2.4. No record of disciplinary action (Letter of Reprimand [LOR] or Article 15) for engaging in an unprofessional or inappropriate relationship as defined in DAFI 36-2909, *Professional and Unprofessional Relationships*, or documented failures (LOR or Article 15) to exercise sound leadership principles with respect to morale or welfare of subordinates.
3.4.2.5. Possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Ground Transportation.*
3.4.2.6. Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, *Computer Security*.

Utilization Note: Award of this Special Duty Identifier (SDI) is only authorized when a Guardian is filling a funded 8R100 unit manpower document (UMD) authorization. When the member is filling a valid 8R100 UMD authorization, 8R100 is authorized as the awarded Duty SFSC. The DSFSC will be updated after the member completes formal school and signs into the new duty position. Once the member is no longer filling a valid 8R100 UMD authorization, 8R100 is no longer authorized as the Duty SFSC but will remain as an awarded (secondary, third or fourth) SFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded SFSC. Further, 8R100 is not authorized for award as the PSFSC when filling a funded 8R100 UMD authorization unless incumbent has no other awarded SFSCs. Guardian performing 8R100 duties but not filling a funded 8R100 UMD authorization will have no change in their awarded SFSCs. Guardians performing in this position will not have their Control Space Force Specialty Code (CSFSC) changed and will continue to compete for promotion in their CSFSC.

SDI 8T300

★Professional Military Education Instructor (Space Force)

(Changed 31 Oct 25)

1. Special Duty Summary. Develops and conducts professional military education (PME) programs for Guardian, noncommissioned officers (NCO), and senior NCOs; provides management consultant services. Related DoD Occupational Subgroup: 101200. Selections will be made through the United States Space Special Duty Talent Management Board.

2. **Duties and Responsibilities:**

2.1. Instructs PME subjects. Instructs using informal lectures, case studies, teaching interviews, guided discussions, and a variety of other teaching methods. Uses computers, software applications, audiovisual equipment, and multi-media tools in support of educational goals.

2.2. Plans, organizes, and directs PME programs and activities. Plans and organizes PME requirements for education, facilities, space, equipment, visual aids, and supplies. Develops and revises curriculum materials. Conducts needs analysis.

2.3. Monitors entire education program. Plans and organizes phases of education, student flow, and class schedules consistent with production goals and available resources.

2.4. Evaluates and standardizes PME activities, personnel, and facilities. Conducts periodic observations of educational activities and assists in deficiency corrections. Evaluates student performance. Counsels and advises individuals on academic and nonacademic issues impacting student performance. Monitors and ensures facilities support educational mission.

2.5. Prepares and maintains files and records pertinent to PME matters. Prepares and maintains administrative records on each student. Prepares statistical reports and records about student performance. Maintains completed school record files for historical review.

2.6. Provides management consultant services. Conducts and administers symposiums, workshops, or conferences; interprets organizational surveys; evaluates program management effectiveness and provides feedback.

3. ★**Special Duty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of principles, techniques, and methods of master facilitation; coaching, adult learning, use of visual aids; learning processes; curriculum development; education and training evaluation; and counseling methods and techniques.

3.2. Education. For entry into this SDI, TSgt-SMSgt must have completed/awarded CCAF degree or an equivalent degree from an accredited institution. Sgts must either have a CCAF degree or an equivalent degree from an accredited institution or a minimum of 52 credits towards CCAF degree or an equivalent degree from an accredited institution and be on track to complete the degree requirement within a year of selection to the SDI.

3.3. Training. The following training is mandatory as indicated:

3.3.1. Completion of EPME commensurate with the current grade of the facilitator is required.

3.3.2. For those who will instruct, facilitate, design, or supervise instruction of PME courses, completion of the Enlisted PME Instructor Course or Space Force approved certification courses.

3.4. Other. The following are mandatory as indicated:

3.4.1. For entry into this SDI:

3.4.1.1. ★E-4 through E-8 with 4 or more years from current/projected grade HYT.

3.4.1.2. Overall rating of "Exceeded some, but not all expectations" or "Exceeded most, if not all expectations" on last 3 EPRs.

3.4.1.3. No record of disciplinary action that resulted in an Article 15 or Unfavorable Information File for the past three years.

3.4.1.4. Ability to speak clearly and communicate well with others.

3.4.1.5. Applicants must be compliant and passing with current United States Space Force fitness requirements.

3.4.1.6. Outstanding in appearance, military bearing, professional military image and conduct both on and off duty.

3.4.1.7. See attachment 4 for additional entry requirements.

3.4.2. For entry and retention of this SDI:

3.4.2.1. No recorded evidence of emotional instability, personality disorder, or other unresolved mental health problems.

3.4.2.2. No record of substance abuse or financial irresponsibility; never received substantiated abuse findings as defined in AFI 40-301, *Family Advocacy Program*.

3.4.2.3. Never been convicted by a civilian court of Category 1, 2, or 3 offenses, nor exceeded the accepted number of Category 4 offenses. Category 3 and 4 traffic offenses alone are not disqualifying. *NOTE:* Categories of offenses are described and listed in DAFI 36-2002, *Regular Air Force and Special Category Accession*, Uniform Guide List of Typical Offenses.

3.4.2.4. Never been convicted by a general, special, or summary courts-martial.

3.4.2.5. Commandants recommendation of SDI retention/removal with commander's approval, based on member's ability to perform as an EPME instructor or in a leadership position within the EPME enterprise.

3.4.2.6. No record of disciplinary action (Letter of Reprimand [LOR] or Article 15) or referral Enlisted Performance Report (EPR) after award of SDI.

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

Utilization Note: Award of this Special Duty Identifier (SDI) is only authorized when a Guardian is filling a funded 8T300 unit manpower document (UMD) authorization. When the member is filling a valid 8T300 UMD authorization, 8T300 is authorized as the awarded Duty SFSC. The DSFSC will be updated after the member completes formal school and signs into the new duty position. Once the member is

no longer filling a valid 8T300 UMD authorization, 8T300 is no longer authorized as the Duty SFSC but will remain as an awarded (secondary, third or fourth) SFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded SFSC. Further, 8T300 is not authorized for award as the PSFSC when filling a funded 8T300 UMD authorization unless incumbent has no other awarded SFSCs. Guardians performing 8T300 duties but not filling a funded 8T300 UMD authorization will have no change in their awarded SFSCs. Guardians performing in this position will not have their Control Space Force Specialty Code (CSFSC) changed and will continue to compete for promotion in their CSFSC.

SDI 8W100*

★WEAPONS SAFETY MANAGER
(Established 31 Oct 25)

1. ★**Special Duty Summary.** Serves as key advisor to commanders and supervisors on issues pertaining to explosives, missile, nuclear surety, and directed energy safety. Provides for the safety of personnel, mission, assets, and the environment from hazards associated with ammunition and explosives throughout life cycles.

2. ★**Duties and Responsibilities:**
2.1. ★Advises Wing Commanders/equivalent and subordinates on weapons safety matters.
2.2. ★Evaluates subordinate units' weapons safety programs for compliance and identifies deficiencies on behalf of the Wing Commander.
2.3. ★ Manages the Weapons Safety program, promoting understanding of and compliance with all applicable explosives, missile, nuclear surety, and directed energy safety standards across assigned Air Force units.
2.4. ★Trains Additional Duty Weapons Safety Representatives on program management responsibilities.
2.5. ★Develops, conducts, and evaluates local explosives safety training and, where applicable, nuclear surety training.
2.6. ★
2.7. ★Conducts explosives safety inspections of munitions operating facilities and related operations, determines risk mitigation methods, and prepares reports for distribution.
2.8. ★Conducts investigations into incidents involving explosives, nuclear operations, directed energy weapons, nuclear-certified equipment, and Dull Sword events.
2.9. ★Applies Quantity Distance rules to prepare plans for new construction, major building alterations, or changes in mission.
2.9.1. ★Approves and issues explosives licenses for locations needing to store small amounts of explosives.
2.10. ★Compiles and analyzes mishap data, identifies trends, and develops mishap prevention strategies.
2.11. ★Ensures facility designs and airfield activities meet Air Force and DoD explosives safety criteria through coordination of construction planning and airfield management.
2.12. ★Reviews requests for deviations from mandatory explosives safety standards, analyzes the adequacy of proposed mitigation measures, and recommends appropriate action.
2.13. ★Collaborates with the installation spectrum manager and Munitions Accountable Systems Officer to prepare and maintain the installation's Hazards of Electromagnetic Radiation to Ordnance survey package.

3. ★**Specialty Qualifications:**
3.1. ★Knowledge. Competent knowledge of explosives safety principles, quantity distance rules, hazard divisions and characteristics, etc. is required.
3.2. ★Education. Not used.
3.3. ★Training. For awarding of this SDI, the following training is mandatory:
3.3.1. ★Completion of course L3AZR2W071 0C2A, Weapons Safety Manager, within six months of being assigned.
3.3.2. ★The Wing Chief of Safety, in coordination with MAJCOM Weapons Safety, will ensure personnel are qualified to perform weapons safety duties.
3.3.3. ★MAJCOM-specific WSM training; if applicable, Air Reserve Component Weapons Safety Managers Course.
3.3.4. ★For RegAF personnel, attend 3J5ACC2W0X1-001, Advanced Explosives Safety Siting Course, within three years of being assigned. ANG/AFR personnel will locally determine Air Reserve Component Explosive Safety Siting Course attendance.
3.3.5. ★8W100 personnel are highly encouraged to attend safety-related training courses such as: Mishap Investigation Non-Aviation Course, Aircraft Mishap Investigation Course, AMMO-47 Air Force Electrical Explosives Safety Course, AFNWC's Nuclear Certified Equipment Course and Nuclear Certified Process Course.
3.4. ★Experience. Prior to entry, personnel shall possess a 7-skill level qualification in AFSCs 2W0XX, 2W1XX, or 2W2XX. ANG/AFR will locally determine rank requirement/limitations.
3.5. ★Other. The following are mandatory (may be waived by the Special Duty Manager on case-by-case basis):
3.5.1. ★For entry:
3.5.1.1. ★For RegAF, E-5 through E-7 with 3 or more years from current/projected grade HYT. ANG/AFR will locally determine rank requirement/limitations.
3.5.1.2 ★Nominative Chief of Safety's must ensure candidates demonstrate the maturity and ability to operate in an autonomous environment, without direct day-to-day supervision.
3.5.1.3. ★ No referral EPBs within the last three reporting periods.
3.5.1.4. ★No record of disciplinary action that resulted in an Article 15 or Unfavorable Information File in the last three years.
3.5.1.5. ★Earn a 75 or above on the most recent fitness test and no failures on any portion within the last 12 months.
3.5.1.6. ★ See Attachment 4 for additional mandatory entry requirements.
3.5.2. ★For entry and retention, the following are mandatory (may be waived by the Special Duty Manager on case-by-case basis):
3.5.2.1. ★ Maintain entry requirements.
3.5.2.2. ★Must attain/maintain training standards and task certifications according to specific duty position training plan(s).
3.5.2.3. ★For *retention*, personnel who receive a referral EPB, Article 15 action, or Unfavorable Information File will be removed from the position and lose their SDI.
3.5.2.4. ★ No recorded evidence of emotional instability, personality disorder, or other unresolved mental health problems.

3.5.2.5. ★No record of substance abuse or financial irresponsibility.
3.5.2.6. ★ Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management, and AFMAN 17-1301, Computer Security.
3.5.2.7. ★Maintain continuous eligibility for worldwide deployment and mobilization. Temporary profiles/restrictions do not automatically disqualify personnel from retaining their SDI; however, supervisors will query MAJCOM and/or SDM about the SDI status of personnel non-deployable for more than 365 days.

4. ★***Shredouts:**

Suffix	*Portion of AFS to Which Related*
★A	**8W1XX WSMs w/PAFSC: 2W0X1**
★B	**8W1XX WSMs w/PAFSC: 2W1X1**
★C	**8W1XX WSMs w/PAFSC: 2W2X1**

5. ★**Utilization Note (RegAF only):**
5.1. ★Award of this SDI is only authorized when an airman is filling a funded 8W100 unit manpower document (UMD) authorization. When the member is filling a valid 8W100 UMD authorization, 8W100 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8W100 UMD authorization, 8W100 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8W100 is not authorized for award as the PAFSC when filling a funded 8W100 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8W100 duties but not filling a funded 8W100 UMD authorization will have no change in their awarded, control, and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, Military Utilization and Classification. Use Outside of Control AFSC.

SDI 8W200*

★SECOND-TIER WEAPONS SAFETY MANAGER

(Established 31 Oct 25)

1. ★**Special Duty Summary.** Serves as key advisor to commanders and supervisors on issues pertaining to explosives, missile, nuclear surety, and directed energy safety. Provides for the safety of personnel, mission, assets, and the environment from hazards associated with ammunition and explosives throughout life cycles.

2. ★**Duties and Responsibilities:**

2.1. ★Responsibilities encompass Weapons Safety Manager positions providing guidance to MAJCOM/FLDCOM, DRU, FOA, and NAF commanders on all aspects of weapons safety. Weapons Safety Manager positions requiring immediate operational experience may fall under this SDI.

2.2. ★Provides technical expertise and consultation to DoD, Air Staff, MAJCOM/FLDCOM, and NAF wing safety offices.

2.3. ★Evaluates subordinate units' weapons safety programs for compliance and identifies deficiencies on behalf of the Commander.

2.4. ★Directs explosive site planning; ensures submitted plans comply with Air Force and DoD Quantity Distance criteria.

2.5. ★Drafts supplemental guidance to HAF level weapons safety program management publications, policies, and procedures.

2.6. ★Applies technical knowledge and experience to shape MAJCOM/FLDCOM and Air Force weapons safety policy.

2.7. ★Fosters the development of future safety leaders among 8W100 Weapons Safety Managers through mentorship and guidance.

2.8. ★Compiles and analyzes mishap data, identifies trends, and develops mishap prevention strategies.

2.9. ★Oversees and provides technical guidance on formal investigations of accidents, incidents, and mishaps involving explosives, nuclear operations, directed energy weapons, nuclear-certified equipment, and Dull Sword events.

2.10. ★Reviews requests for deviations from mandatory explosives safety standards, analyzes the adequacy of proposed mitigation measures, and recommends appropriate action.

2.11. ★As required, prepares written reports, briefs, and summaries for commanders and supervisors.

2.12. ★Develops training plans for MAJCOM specific training requirements.

3. ★ **Specialty Qualifications:**

3.1. ★Knowledge. Proficient knowledge of explosives safety principles, quantity distance rules, waiver and exemption processes, hazard divisions, and characteristics, etc. is required.

3.2. ★Education. Not used.

3.3. ★Training.

3.3.1. ★Completion of all training standards and task certifications of specific SDI 8W100 duty position CFETP (or equivalent).

3.3.2. ★Preference will be given to 8W100s who have completed safety-related training courses such as: Mishap Investigation Non-Aviation Course, Aircraft Mishap Investigation Course, AMMO-47 Air Force Electrical Explosives Safety Course, AFNWC's Nuclear Certified Equipment Course and Nuclear Certified Process Course.

3.4. ★Experience. For entry into this SDI, prior qualification in SDI 8W100 with a minimum of 24 months of experience (may be waived by the Special Duty Manager on case-by-case basis).

3.5. ★Other.

3.5.1. ★For entry into this SDI, the following are mandatory (may be waived by the Special Duty Manager on case-by-case basis):

3.5.1.1. ★ For RegAF, E-6 (to include E-6 selects) through E-8 with 3 or more years from current/projected grade HYT. ANG/AFRC will locally determine rank requirement/limitations.

3.5.1.2. ★ Nominative Chief of Safety's must ensure candidates demonstrate the maturity and ability to operate in an autonomous environment, without direct day-to-day supervision.

3.5.1.3. ★No referral EPBs within the last three reporting periods.

3.5.1.4. ★ No record of disciplinary action that resulted in an Article 15 or Unfavorable Information File in the last three years.

3.5.1.5. ★ Earn a 75 or above on the most recent fitness test and no failures on any portion within the last 12 months.

3.5.1.6. ★ See Attachment 4 for additional mandatory entry requirements.

3.5.2. ★For entry and retention, the following are mandatory (may be waived by the Special Duty Manager on case-by-case basis):

3.5.2.1. ★ Maintain entry requirements.

3.5.2.2. ★ Must attain/maintain training standards and task certifications according to specific duty position training plan(s).

3.5.2.3. ★ For *retention*, personnel who receive a referral EPB, Article 15 action, or Unfavorable Information File will be removed from the position and lose their SDI.

3.5.2.4. ★ No recorded evidence of emotional instability, personality disorder, or other unresolved mental health problems.

3.5.2.5. ★ No record of substance abuse or financial irresponsibility.

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

3.5.2.7. ★ Maintain continuous eligibility for worldwide deployment and mobilization. Temporary profiles/restrictions do not automatically disqualify personnel from retaining their SDI; however, supervisors will query MAJCOM and/or SDM about the SDI status of personnel non-deployable for more than 365 days.

4. ★ ***Shredouts:**

Suffix	*Portion of AFS to Which Related*
A	**8W2XX WSMs w/PAFSC: 2W0X1**
B	**8W2XX WSMs w/PAFSC: 2W1X1**
C	**8W2XX WSMs w/PAFSC: 2W2X1**

5. ★ **Utilization Note (RegAF only):**
5.1. ★Award of this SDI is only authorized when an airman is filling a funded 8W200 unit manpower document (UMD) authorization. When the member is filling a valid 8W200 UMD authorization, 8W200 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8W200 UMD authorization, 8W200 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8W200 is not authorized for award as the PAFSC when filling a funded 8W200 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8W200 duties but not filling a funded 8W200 UMD authorization will have no change in their awarded, control, and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, Military Utilization and Classification. Use Outside of Control AFSC.

SDI 8W300*

★THIRD-TIER WEAPONS SAFETY MANAGER

(Established 31 Oct 25)

1. ★ **Special Duty Summary.** Serves as key advisor to commanders and supervisors on issues pertaining to explosives, missile, nuclear surety, and directed energy safety. Provides for the safety of personnel, mission, assets, and the environment from hazards associated with ammunition and explosives throughout life cycles.

2. ★**Duties and Responsibilities:**

2.1. ★Advises the Department of the Air Force's (DAF) Chief of Weapons Safety on operational and administrative weapons safety matters.

2.2. ★Provides technical expertise and consultation to DoD, Air Staff, MAJCOM/FLDCOM, and NAF wing safety offices.

2.3. ★Evaluates MAJCOM/FLDCOM weapons safety programs for compliance and identifies deficiencies on behalf of the DAF Chief of Safety.

2.4. ★Directs explosive site planning; ensures submitted plans comply with Air Force and DoD Quantity Distance criteria.

2.5. ★Drafts HAF level weapons safety program management publications, policies, and procedures.

2.6. ★Applies technical knowledge and experience to shape DAF weapons safety policy.

2.7. ★Fosters the development of future safety leaders among other Weapon Safety Managers through mentorship and guidance.

2.8. ★Compiles and analyzes mishap data, identifies trends, and develops mishap prevention strategies.

2.9. ★Oversees and provides technical guidance on formal investigations of accidents, incidents, and mishaps involving explosives, nuclear operations, directed energy weapons, nuclear-certified equipment, and Dull Sword events.

2.10. ★Reviews requests for deviations from mandatory explosives safety standards, analyzes the adequacy of proposed mitigation measures, and recommends appropriate action.

2.11. ★Generates reports, briefs, and summaries based on specific requirements, as directed.

3. ★ **Specialty Qualifications:**

3.1. ★Knowledge. Expert knowledge of explosives safety principles, quantity distance rules, waiver and exemption processes, hazard divisions, and characteristics, etc. is required.

3.2. ★Education. Not used.

3.3. ★Training.

3.3.1. ★Completion of all training standards and task certifications of specific SDI 8W200 duty position CFETP (or equivalent).

3.3.2. ★Preference will be given to 8W200s who have completed safety-related training courses such as: Mishap Investigation Non-Aviation Course, Aircraft Mishap Investigation Course, AMMO-47 Air Force Electrical Explosives Safety Course, AFNWC's Nuclear Certified Equipment Course and Nuclear Certified Process Course.

3.4. ★For entry into this SDI, prior qualification in SDI 8W200 with a minimum of 36 months of experience (may be waived by the Special Duty Manager on case-by-case basis).

3.5. ★Other.

3.5.1. ★For entry into this SDI, the following are mandatory (may be waived by the Special Duty Manager on case-by-case basis):

3.5.1.1. ★For RegAF, E-7 (to include E-7 selects) through E-8 with 3 or more years from current/projected grade HYT. ANG/AFRC will locally determine rank requirement/limitations.

3.5.1.2. ★Nominative Chief of Safety's must ensure candidates demonstrate the maturity and ability to operate in an autonomous environment, without direct day-to-day supervision.

3.5.1.3. ★No referral EPBs within the last three reporting periods.

3.5.1.4. ★No record of disciplinary action that resulted in an Article 15 or Unfavorable Information File in the last three years.

3.5.1.5. ★Earn a 75 or above on the most recent fitness test and no failures on any portion within the last 12 months.

3.5.1.6. ★See Attachment 4 for additional mandatory entry requirements.

3.5.2. ★For entry and retention, the following are mandatory (may be waived by the Special Duty Manager on case-by-case basis):

3.5.2.1. ★Maintain entry requirements.

3.5.2.2. ★Must attain/maintain training standards and task certifications according to specific duty position training plan(s).

3.5.2.3. ★For *retention*, personnel who receive a referral EPB, Article 15 action, or Unfavorable Information File will be removed from the position and lose their SDI.

3.5.2.4. ★No recorded evidence of emotional instability, personality disorder, or other unresolved mental health problems.

3.5.2.5. ★No record of substance abuse or financial irresponsibility.

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

3.5.2.7. ★Maintain continuous eligibility for worldwide deployment and mobilization. Temporary profiles/restrictions do not automatically disqualify personnel from retaining their SDI; however, supervisors will query MAJCOM and/or SDM about the SDI status of personnel non-deployable for more than 365 days.

4. ★***Shredouts:**

Suffix	*Portion of AFS to Which Related*
★A	**8W3XX WSMs w/PAFSC: 2W0X1**
★B	**8W3XX WSMs w/PAFSC: 2W1X1**
★C	**8W3XX WSMs w/PAFSC: 2W2X1**

5. ★**Utilization Note (RegAF only):**

5.1. ★Award of this SDI is only authorized when an airman is filling a funded 8W300 unit manpower document (UMD) authorization. When the member is filling a valid 8W300 UMD authorization, 8W300 is authorized as the awarded (secondary, third or fourth), Control and Duty AFSC. Once the member is no longer filling a valid 8W300 UMD authorization, 8W300 is no longer authorized as the Control and Duty AFSC but will remain as an awarded (secondary, third or fourth) AFSC IAW AFMAN 36-2100, unless the member is disqualified from the SDI then it will not remain as an awarded AFSC. Further, 8W300 is not authorized for award as the PAFSC when filling a funded 8W300 UMD authorization unless incumbent has no other awarded AFSCs. Airmen performing 8W300 duties but not filling a funded 8W300 UMD authorization will have no change in their awarded, control, and duty AFSCs. Ensure airmen employed outside of their CAFSC are managed IAW AFMAN 36-2100, Military Utilization and Classification. Use Outside of Control AFSC.

SPACE FORCE REPORTING IDENTIFIERS (RI)
(Changed 30 Apr 24)

1. **9S000, Chief Master Sergeant of the Space Force. (Established 30 Apr 20)**
1.1. Use this identifier to report the awarded (primary/2/3/4), control, and duty AFSCs of the individual performing as Chief Master Sergeant of the Space Force. The Chief Master Sergeant of the Space Force serves as a member of the Commander-in-Chief's staff to advise and assist in matters concerning Space Force enlisted members. Related DoD Occupational Subgroup: 152100.
1.2. Mandatory Requirements for Entry:
1.2.1. RI requires routine access to Top Secret material or similar environment.
1.2.2. See attachment 4 for additional entry requirements.
1.3. For award and retention of RI 9S000:
1.3.1. Completion of a current Tier 5 (T5) Investigation IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.

2. **5I000, Intelligence, Surveillance & Reconnaissance Superintendent. (Changed 30 Apr 25)**
2.1. Use this identifier to report the awarded of a Guardian who is performing as ISR Superintendent in the United States Space Force. The ISR Superintendent Leads, manages and performs intelligence activities and functions including development, exploitation, evaluation, production of intelligence information and the dissemination of multi-sensor products to support warfighting operations and other activities. Oversees activities associated with the acquisition, processing, identification, analysis, and reporting on electromagnetic emissions and supervises the analysis of intelligence information to determine adversarial actions and intentions.
2.2. Manages exploitation of network intelligence information to develop communications structures for targeting exploitation and situational awareness. Supervises personnel that assess the vulnerability of US aerospace forces' communications and information to collection and exploitation by adversaries and recommends viable Operations Security measures to both protect and exploit vulnerabilities to a friendly advantage. Manages, plans, and organizes Intelligence, Surveillance and Reconnaissance analysts and analytic activities.
2.3. Mandatory Requirements for Entry:
2.4. For MSgts awarded Reporting Identifier 5I000, qualification in and possession of specialty code 5I0XX, 5I2XX is mandatory. Also, experience managing intelligence, surveillance, and reconnaissance personnel, activities and programs as required.
2.5. For award and retention of this RI, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN17-1301, *Computer Security*.

3. **5Z700, Space Operations Senior Enlisted Leader (USSF Only) (Changed 30 Apr 25)**
3.1. **Specialty Summary**. Use this identifier to report the Duty Space Force Specialty Code (DSFSC) of a MSgt Guardian assigned to a valid/funded 5Z700 UMD position that advises, leads, manages, and performs duties to develop, sustain, and enhance space capabilities to defend national interests from attack and to create effects in the space domain to achieve Service, Combatant Command, and national objectives. Conducts Cyberspace, intelligence, surveillance, and reconnaissance (ISR), and space operations using established tactics, techniques, and procedures. Guardians performing duties in these positions will not have their Control Space Force Specialty Code (CSFSC) changed and will continue to compete for promotion within their CSFSC (the CSFSC must continue to match their Primary PSFSC).
3.2. **Duties and Responsibilities.**
3.2.1. Oversees and/or manages activities associated with space operations.
3.3. **Specialty Qualifications.**
3.3.1. Knowledge. Knowledge is mandatory of principles, policies, and procedures in any of the Space Force Specialties: Cyberspace operations, ISR Operations or Space Systems Operations.
3.3.2. Education. Not used.
3.3.3. Training. Not used.
3.3.4. Experience. For MSgt DSFSC, qualification in and possession of a specialty code from a series 5CXXX, 5IXXX, or 5SXXX is mandatory. Also, experience managing Cyberspace Operations, ISR Operations or Space Systems Operations personnel, activities and programs is required.
3.3.5. Other: Not used.

Utilization Note: Award of this Reporting Identifier (RI) is only authorized when a Guardian is filling a funded 5Z700 unit manpower document (UMD) authorization. When the member is filling a valid 5Z700 UMD authorization, 5Z700 is authorized as the awarded Duty SFSC. The DSFSC will be updated after the member signs into the new duty position. Once the member is no longer filling a valid 5Z700 UMD authorization, 5Z700 is no longer authorized as the Duty SFSC but will remain as an awarded (secondary, third or fourth) SFSC IAW AFMAN 36-2100, unless the member is disqualified from the RI then it will not remain as an awarded SFSC. Further, 5Z700 is not authorized for award as the PSFSC when filling a funded 5Z700 UMD authorization unless incumbent has no other awarded SFSCs. Guardian performing 5Z700 duties but not filling a funded 5Z700 UMD authorization will have no change in their awarded SFSCs.

Guardians performing in this position will not have their Control Space Force Specialty Code (CSFSC) changed and will continue to compete for promotion in their CSFSC.

4. **9H200, Academic Faculty Instructor (Space Force) (Established 30 Apr 24)**
Use this identifier to report the duty AFSCs of individuals performing full time duties in an academic faculty role within an accredited institute of higher learning. Individuals are responsible for lesson plan development, instruction, classroom administration, student evaluation and lab supervision. Plans, organizes, teaches & performs assessment for academic core courses. Coordinates with organizational staff agencies to develop and meet academic milestones.
4.1 Mandatory Requirements for Entry: Rank Requirement - TSgt/MSgt/SMSgt/CMSgt Degree Requirement - Masters/PhD, AFSC - Any can apply pending CFM release. Selection will be made through the centralized Talent Management Board process. Guardians performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed and will continue to compete for promotion in their CAFSC.

5. **9N100, Secretary of the Air Force Enlisted Legislative Fellows (Space Force) (Established 30 Apr 24)**
Use this identifier to report the Duty Air Force Specialty Code (DAFSC) of a guardian who is serving in a position performing duties as an AF Legislative Fellow. Selection will be made through the centralized Talent Management Board process. Guardians performing in these positions will not have their Control Air Force Specialty Code (CAFSC) changed and will continue to compete for promotion in their CAFSC..
5.1. Mandatory Requirements for Entry: Serving in the rank of MSgt, SMSgt-Select, or SMSgt. Completion of SNCO Professional Military Education, Senior Enlisted Joint Professional Military Education, bachelor's degree and must currently possess or be eligible for TS/SCI clearance with valid SSBI and SBPR.

SECTION III

SPECIAL EXPERIENCE IDENTIFIERS

Introduction

(Changed 31 Oct 25)

1. **Special Experience Identifiers (SEI).** The SEIs in this attachment identify special experience and training not otherwise identified within the military personnel data system (MilPDS). SEIs complement the assignment process but are not substitutes for AFSCs/SFSCs, CEM codes, prefixes, suffixes, SDIs, RIs, personnel processing codes, and professional specialty course codes. They are established when identifying experience or training is critical to the job and person assignment match, and no other identification is appropriate or available. SEIs permit rapid identification of a resource already experienced to meet unique circumstances, contingency requirements, or management needs. They provide a means to track individuals and identify positions requiring or providing unique experience or training that otherwise would be lost. SEIs may be used to better distribute personnel and optimize the job and person match insofar as possible.

2. **Authorized AFSCs/SFSCs.** Normally, AFSCs/SFSCs and CEM codes listed as authorized for use with SEIs refer to the basic AFSC/SFSC plus all shredouts. All authorized skill levels of the basic AFSC/SFSC are listed, including 9-skill levels and CEMs. If an AFSC/SFSC is listed with the first 5 digits and an "X" in the 6th position, i.e.: 3P051X, then the SEI is authorized for use with the basic AFSC/SFSC and all suffixes authorized with that AFSC/SFSC. If an "X" is used in the skill level position it means that all skill levels are authorized for use with the SEI.

3. **SEI Structure.** The SEI code is composed of three numeric characters or three alphanumeric characters. Individual characters within the codes have no specific meaning. Most SEIs are authorized for award with specific AFSCs/SFSCs; some are authorized with any AFSC/SFSC.

4. **Establishing SEIs.** Requests to establish, delete, or revise SEIs must be submitted according to the instructions provided in the Air Force *Career Field Manager's Guide* available at the *myFSS Web Site.* (Note: To access the embedded link: right-click, select "copy link location," paste the link in an Internet Browser, and select the *Air Force Career Field Manager's Guide* located on the *Active Duty: Military Classifications Page* in **myFSS;** or navigate direct from the **myFSS** Home Page. To search the myFSS knowledge base, type in **Career Field Manager's Guide** into the **Search Knowledge Article Box,** then select **Career Field Manager's Guide** from the drop-down menu listing. **Save a copy of the file to the desktop/folder to view attachments**

5. **SEI Fields in the MilPDS.** SEIs that may be concurrently recorded in an airman record are currently set to five with the primary AFSC, five with the 2AFSC, four with the 3AFSC, three with the 4AFSC, and one in the general SEI area. Computer edits ensure the AFSC-SEI combinations are valid. The general area is used for SEIs authorized with any AFSC. A general SEI is used as a marker in the Personnel system to show a specific type of training or experience available to any Airman/Guardians. This experience is not limited by AFSC/SFSC. CAFSC SEI is not used by base level to award a SEI to the member. CAFSC SEI reflects an SEI code attached to the position the member is assigned and will reflect as the CAFSC SEI as a suspense indicator. If the member is not expected to gain the experience required to be awarded the SEI designated to the position, they should be removed from that position.

6. **MilPDS-Generated SEI Award Notification** (Personnel Services Delivery Guide - Special Experience Identifier (SEI) Process.) The CAFSC is designated with the SEI when an enlisted airman is assigned to a unit manpower document (UMD) position identified with the SEI. For SEIs designated as auto-notify, once experience and training requirements have been satisfied a MilPDS suspense notification will be provided as a reminder to award the SEI. Award suspense is performed for numeric SEIs only. For SEIs designated as auto-award, once experience and training requirements have been satisfied, MilPDS will award the SEI to the member. It will do so unless the member is removed from the SEI-coded position or the commander directs a change to the award suspense date prior to meeting the experience requirement.

Click:

To view the 31 Oct 2025
Table of Enlisted SEIs

ATTACHMENT 1

ENLISTED
CHANGE SUMMARY
AND
CONVERSION INSTRUCTIONS GUIDE
FOR
31 October 2025

Click:

To view the 31 Oct 2025
Enlisted Change Summary and Conversion Guide

ATTACHMENT 2

QUICK-REFERENCE GUIDE
FOR
ENLISTED AIR FORCE SPECIALTY CODES (AFSCs)
(Changed 31 Oct 25)

Click:

To view the 31 Oct 2025
Enlisted AFSC Quick-Reference Guide

ATTACHMENT 3

ENLISTED CLASSIFICATION STRUCTURE CHART

(Changed 31 Oct 25)

Helper	Apprentice	Journeyman	Craftsman	Superintendent	Manager
1-skill level	3-skill level	5-skill level	7-skill level	9-skill level	CEM

Click:

To view the 31 Oct 2025
Enlisted Classification Structure Chart

ATTACHMENT 4

ADDITIONAL MANDATORY REQUIREMENTS FOR AFSC/SFSC ENTRY - ENLISTED

(Changed 31 Oct 25)

Introduction

1. This attachment establishes minimum requirements for:
1.1. Aptitude:
1.1.1. Mechanical, administrative, general, or electronic (MAGE) aptitude scores derived from the Armed Forces Vocational Aptitude Battery or Armed Forces Classification Test. Certain Cyber-related AFSCs within the 1N & 3D career fields have alternate minimum cutoff scores based on the Air Force Entry-Level Cyber Test and/or the Air Force Electronic Data Processing Test (EDPT). Entrance into these AFSCs is permissible with the alternate minimum only if the individual achieves a score of 60 or higher on the Cyber Test.
NOTE: **The Cyber Test is only available for non-prior service applicants (the test is not available to prior service members or members applying for retraining).**
1.1.2. Strength aptitude codes are reflected in Column X and identify strength standards required for entry into each AFSC/SFSC. Strength aptitude is defined in AFMAN 36-2100, *Military Utilization and Classification* and testing procedures for retrainees are outlined in AFI 36-2626, *Airman Retraining Program*.

Code	*Demonstrated by Weight Lift of:*
E	Unknown
F	Less than 40 lbs
G	40 lbs
H	50 lbs
J	60 lbs
K	70 lbs
L	80 lbs
M	90 lbs
N	100 lbs
P	110 lbs

1.2. Physical profile series factor (PULHES), as defined in AFI 48-123, *Medical Examination and Standards.*
1.3. Other AFSC/SFSC entry requirements or restrictions:
1.3.1. Column M reflects AFSCs/SFSCs authorized for use without shredouts.
1.3.2. Column N reflects AFSCs/SFSCs not open to non-United States citizens. AFSCs/SFSCs identified in this column are open to United States nationals.
1.4. Table Notes address dual aptitude scores, alternate Cyber Test scores, and suggest viewing of the specialty description for physical requirements.

Note	*Explanation*
1	Dual aptitude (or)
2	Dual aptitude (and)
3	See entry specialty description for physical requirements.
4	See Standard or Cyber-Test Based Alternate Aptitude Cutoff Table

2. Refer to paragraph 3 of individual specialty descriptions for additional AFSC/SFSC entry requirements.

Click:

To view the 31 Oct 2025
Mandatory Requirements for AFSC/SFSC Entry

ATTACHMENT 5

CHIEF ENLISTED MANAGER (CEM) CODES

(Changed 31 Oct 25)

1. **Description and General Duties.** CEM codes contained in this attachment identify all chief master sergeant positions in the Enlisted Classification Structure. They also identify chief master sergeants that, through extensive experience and training, have demonstrated managerial ability to plan, direct, coordinate, implement, and control a wide range of work activity. Some managerial duties and responsibilities that are common to all chief enlisted managers are:

1.1. Manages and directs personnel resource activities; interprets and enforces policy and applicable directives.
1.2. Establishes control procedures to meet work goals and standards.
1.3. Recommends or initiates actions to improve functional operation efficiency.
1.4. Plans and programs work commitments and schedules.
1.5. Develops plans regarding facilities, supplies, and equipment procurement and maintenance.

2. **CEM Composition and Concept.** CEM codes in many cases are made up of a series of existing superintendent specialties where the degree of supervisory and managerial task involvement permits expanded resource use. As chief enlisted managers, chief master sergeants will be subject to working in a variety of similar jobs and functional areas where their general managerial and supervisory abilities can be most effectively used and challenged.

3. **Award Criteria.** CEM codes are awarded according to procedures outlined in AFMAN 36-2100. Basic requirements for awarding CEM codes are:

3.1. Be in the grade of chief master sergeant (or chief master sergeant selectee).
3.2. Possess qualification in a feeder specialty. The expanded duties and responsibilities, qualifications, and other specialty data for CEM codes are drawn from 9 level “feeder” specialty descriptions, consistent with the function and job performed. The table that follows identifies CEM codes and their titles and feeder specialties.

Click:

To view the 31 Oct 2025
CEM Codes

ATTACHMENT 6

AFSC CONVERTIBLE SKILLS LIST (AIR FORCE ONLY)

1. These instructions establish the parameters for recruiting prior military service personnel with needed experience and training equivalent to an existing Air Force specialty. Prior service applicants, eligible for enlistment in the Air Force and possessing a convertible skill listed on the attached conversion list, may be awarded the 3-skill level AFSC provided the applicant meets the below eligibility criteria. Documentation of formal training completion is required.

2. Being listed as a convertible skill waives **only** the completion of the mandatory initial skills course(s); the 3-skill level awarding course listed in the appropriate specialty description attachment of the AF Enlisted Classification Directory (DAFECD). All other mandatory entry requirements listed in the DAFECD, including attachment 4 (except for ASVAB requirements), and upgrade requirements for the applicable AFSC apply.

3. Apply the guidance outlined in AFMAN 36-2100, *Military Utilization and Classification*, Downgrade and Withdrawal of AFSC, to all branches of the service, including the Air Force, when determining individual's qualifications. If the individual's specialty should have been withdrawn as a result of non-duty performance in the specialty as outlined in AFMAN 36-2100, then follow the guidance further outlined in paragraph 4.1.2.3.4, to determine if the individual is qualified for enlistment using the convertible skills provision.

4. Individuals having a convertible skill listed for the AFSC requested and otherwise qualified for enlistment may be awarded the 3- skill level in the selected AFSC.

5. The Convertible Skills List is **only** for prior service personnel who enlist into the Air Force with prior military training and experience. Individuals **will not** be awarded a 3-skill level AFSC solely for future assignment consideration. AFSC awarded must be the individual's CAFSC, and the individual must be scheduled for assignment in the awarded AFSC.

6. The MOS, Rating, or Coast Guard identifier is convertible to the AFSC immediately to the right of each column only.

Click:

To view the 31 Oct 2025
Air Force AFSC Convertible Skills List